

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
 Data File : VX047284.D
 Acq On : 12 Aug 2025 09:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/13/2025
 Supervised By : Mahesh Dadoda 08/14/2025

Quant Time: Aug 13 01:14:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	222209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	370615	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	329997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	165820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129559	46.806	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.620%		
35) Dibromofluoromethane	5.385	113	117517	51.356	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.720%		
50) Toluene-d8	8.647	98	328825	44.372	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.740%#		
62) 4-Bromofluorobenzene	11.079	95	158071	49.497	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	155590	52.715	ug/l	100
3) Chloromethane	1.307	50	137480	47.089	ug/l	99
4) Vinyl Chloride	1.392	62	157861	50.300	ug/l	99
5) Bromomethane	1.624	94	93907	55.083	ug/l	93
6) Chloroethane	1.703	64	93985	45.596	ug/l	98
7) Trichlorofluoromethane	1.904	101	235450	50.312	ug/l	100
8) Diethyl Ether	2.142	74	84117	50.979	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	139422	49.450	ug/l	99
10) Methyl Iodide	2.465	142	233157	81.141	ug/l	98
11) Tert butyl alcohol	2.959	59	83732	259.145	ug/l	96
12) 1,1-Dichloroethene	2.331	96	136776	48.979	ug/l	98
13) Acrolein	2.246	56	206229	346.019	ug/l	98
14) Allyl chloride	2.678	41	244509	48.438	ug/l	98
15) Acrylonitrile	3.075	53	342687	259.583	ug/l	99
16) Acetone	2.386	43	290870	262.311	ug/l	99
17) Carbon Disulfide	2.526	76	386866	47.887	ug/l	99
18) Methyl Acetate	2.709	43	170441	57.839	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	450282	52.982	ug/l	100
20) Methylene Chloride	2.800	84	150032	49.181	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	143173	50.102	ug/l	97
22) Diisopropyl ether	3.764	45	493086	50.807	ug/l	93
23) Vinyl Acetate	3.727	43	2086840	268.090	ug/l	99
24) 1,1-Dichloroethane	3.617	63	262729	48.683	ug/l	99
25) 2-Butanone	4.562	43	386326	239.268	ug/l	99
26) 2,2-Dichloropropane	4.483	77	212515	50.870	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	166093	49.083	ug/l	99
28) Bromochloromethane	4.904	49	126965	51.137	ug/l	99
29) Tetrahydrofuran	5.019	42	247390	237.470	ug/l	99
30) Chloroform	5.099	83	270514	49.242	ug/l	99
31) Cyclohexane	5.477	56	241451	46.661	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	235167	49.285	ug/l	99
36) 1,1-Dichloropropene	5.696	75	186422	47.793	ug/l	100
37) Ethyl Acetate	4.715	43	207345	57.688	ug/l	96
38) Carbon Tetrachloride	5.678	117	204829	49.200	ug/l	98
39) Methylcyclohexane	7.379	83	232810	47.804	ug/l	98
40) Benzene	6.044	78	561481	49.740	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	86875	46.227	ug/l	91
42) 1,2-Dichloroethane	6.092	62	205046	51.566	ug/l	99
43) Isopropyl Acetate	6.342	43	307837	54.939	ug/l	99
44) Trichloroethene	7.129	130	142617	49.268	ug/l	98
45) 1,2-Dichloropropane	7.428	63	143089	50.611	ug/l	98
46) Dibromomethane	7.580	93	104791	52.854	ug/l	99
47) Bromodichloromethane	7.818	83	218872	51.865	ug/l	99
48) Methyl methacrylate	7.690	41	155179	50.837	ug/l	97
49) 1,4-Dioxane	7.671	88	33749	972.087	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	882345	264.926	ug/l	98
52) Toluene	8.714	92	348287	50.178	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	209827	52.654	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	225848	51.782	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	136289	52.358	ug/l	98
56) Ethyl methacrylate	9.116	69	213603	55.430	ug/l	99
57) 1,3-Dichloropropane	9.305	76	233683	51.654	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	507700	236.756	ug/l	99
59) 2-Hexanone	9.427	43	616087	279.986	ug/l	100
60) Dibromochloromethane	9.519	129	163831	53.664	ug/l	100
61) 1,2-Dibromoethane	9.610	107	140997	51.802	ug/l	99
64) Tetrachloroethene	9.275	164	116103	48.805	ug/l	97
65) Chlorobenzene	10.073	112	384598	49.749	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	135093	51.903	ug/l	99
67) Ethyl Benzene	10.189	91	678292	50.181	ug/l	99
68) m/p-Xylenes	10.299	106	507852	100.400	ug/l	99
69) o-Xylene	10.640	106	244621	50.835	ug/l	99
70) Styrene	10.653	104	425811	51.604	ug/l	99
71) Bromoform	10.799	173	105702	53.462	ug/l #	97
73) Isopropylbenzene	10.957	105	634683	48.515	ug/l	99
74) N-amyl acetate	10.842	43	274324	51.971	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	189270	50.649	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	157017m	51.158	ug/l	
77) Bromobenzene	11.195	156	155095	49.428	ug/l	99
78) n-propylbenzene	11.299	91	754576	48.268	ug/l	100
79) 2-Chlorotoluene	11.360	91	451205	48.283	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	523346	48.423	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	39232	32.932	ug/l	97
82) 4-Chlorotoluene	11.451	91	529783	48.570	ug/l	99
83) tert-Butylbenzene	11.713	119	526971	48.579	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	530631	49.223	ug/l	100
85) sec-Butylbenzene	11.890	105	641966	47.364	ug/l	100
86) p-Isopropyltoluene	12.006	119	536874	47.765	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	289704	48.591	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	291463	48.252	ug/l	98
89) n-Butylbenzene	12.329	91	496208	47.076	ug/l	99
90) Hexachloroethane	12.536	117	99243	49.356	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	279057	48.972	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38332	53.439	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	185818	49.356	ug/l	99
94) Hexachlorobutadiene	13.719	225	59948	46.820	ug/l	99
95) Naphthalene	13.774	128	563399	51.047	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	174714	48.170	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

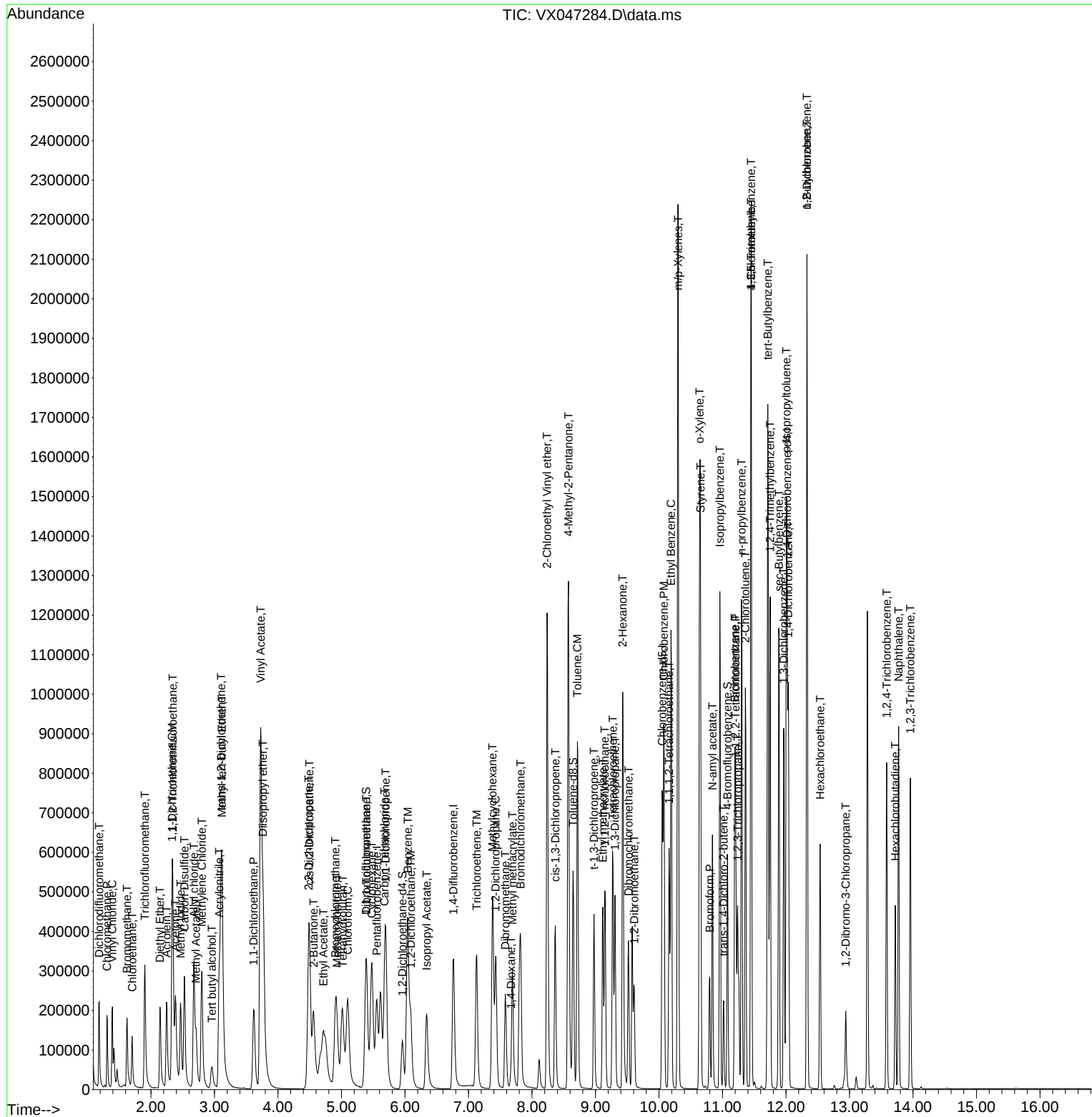
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081225\
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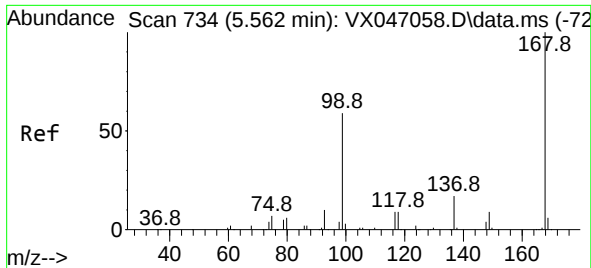
Instrument :
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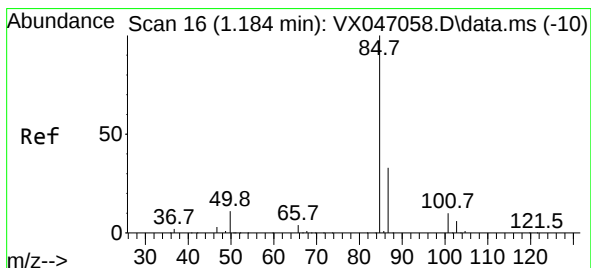
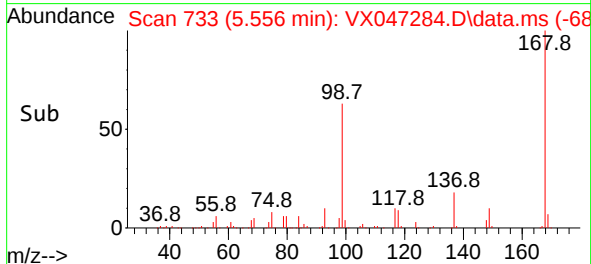
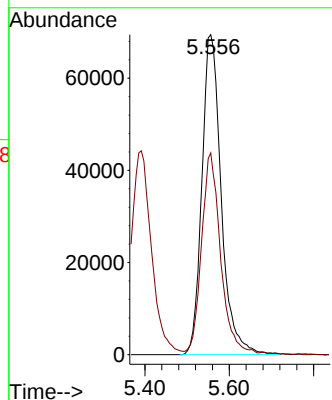
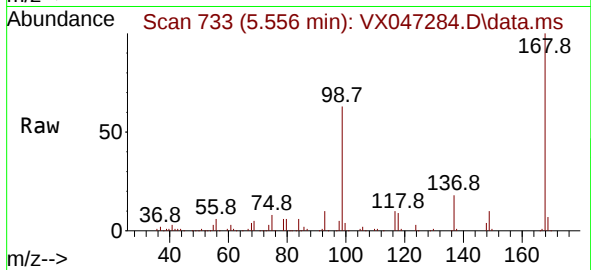
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 222209
Ion Ratio Lower Upper
168 100
99 62.8 48.0 72.0

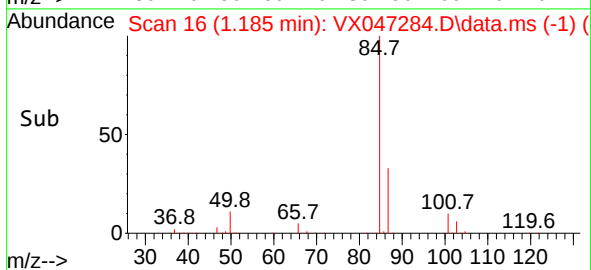
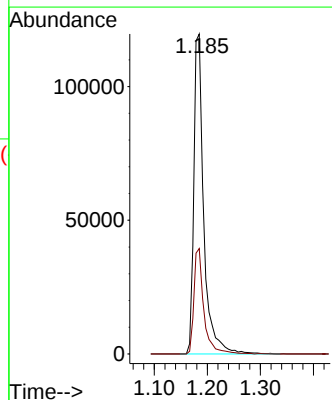
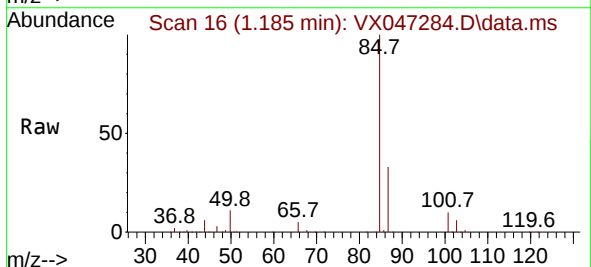
Manual Integrations
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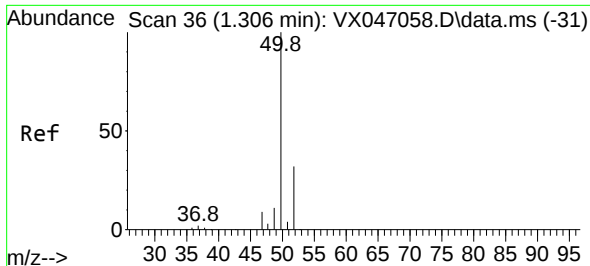
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#2
Dichlorodifluoromethane
Concen: 52.715 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

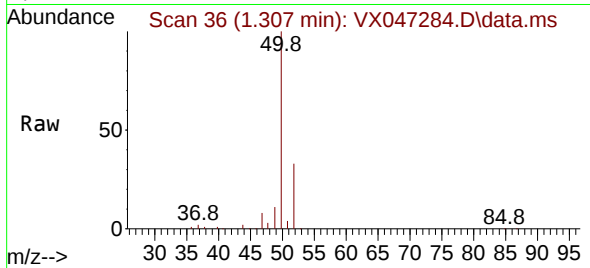
Tgt Ion: 85 Resp: 155590
Ion Ratio Lower Upper
85 100
87 33.0 16.6 49.8





#3
Chloromethane
Concen: 47.089 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

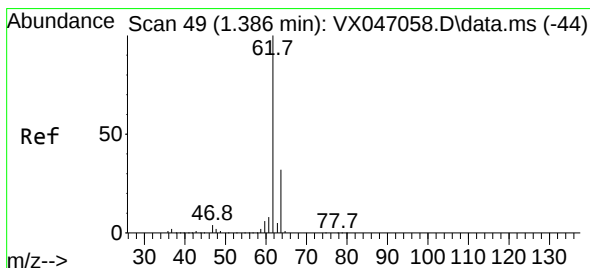
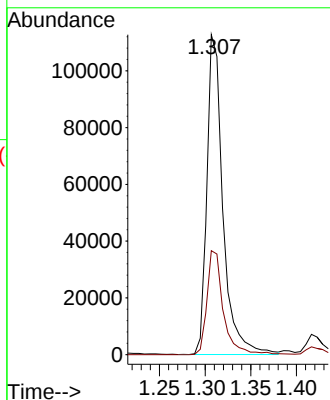
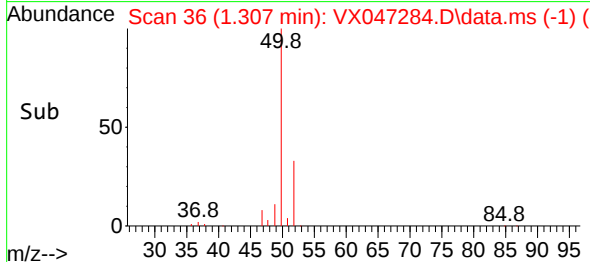
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 137480
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

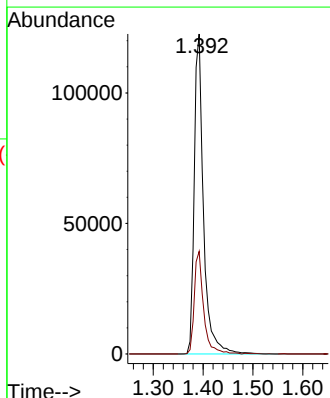
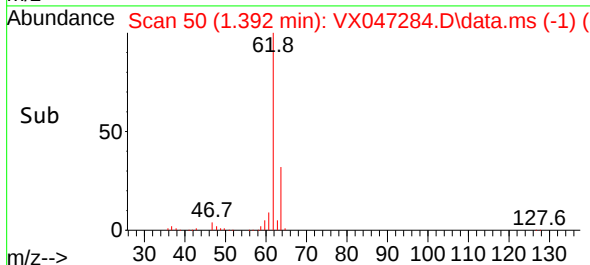
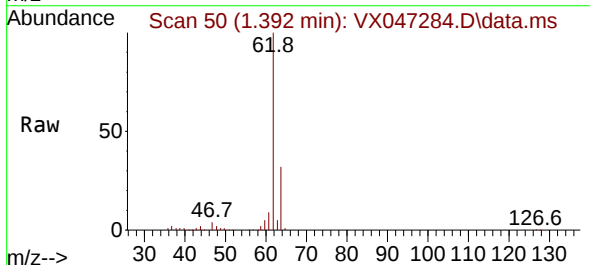
Manual Integrations
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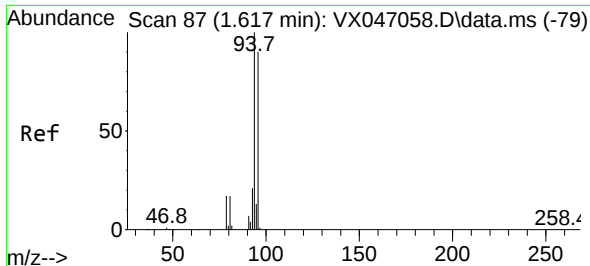
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#4
Vinyl Chloride
Concen: 50.300 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

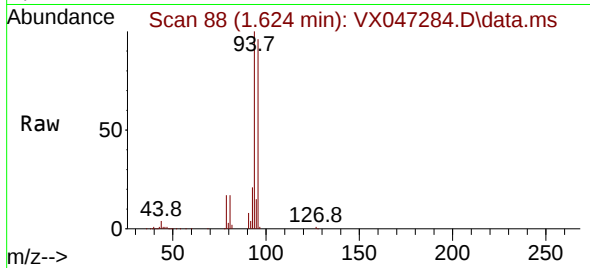
Tgt Ion: 62 Resp: 157861
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





#5
Bromomethane
Concen: 55.083 ug/l
RT: 1.624 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

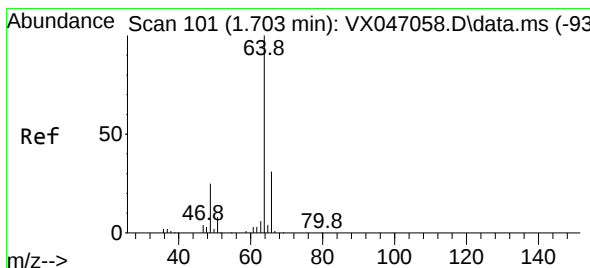
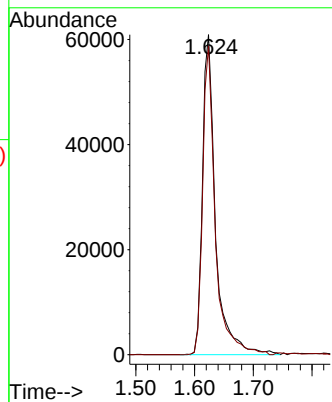
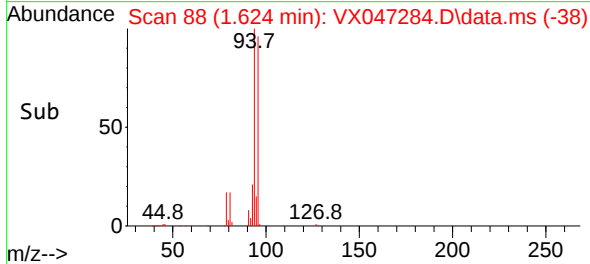
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Tgt Ion: 94 Resp: 9390
Ion Ratio Lower Upper
94 100
96 97.4 72.3 108.5

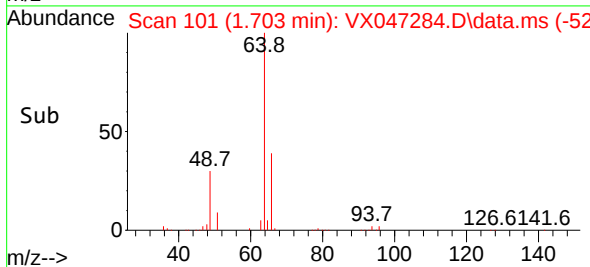
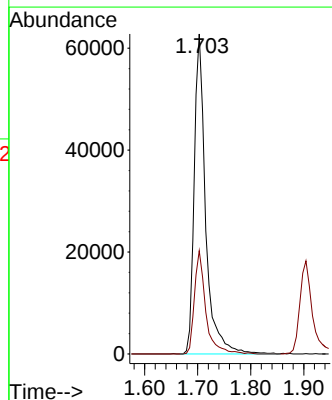
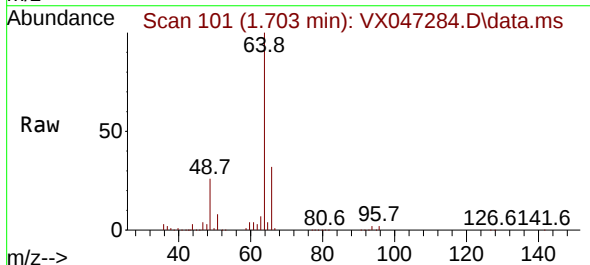
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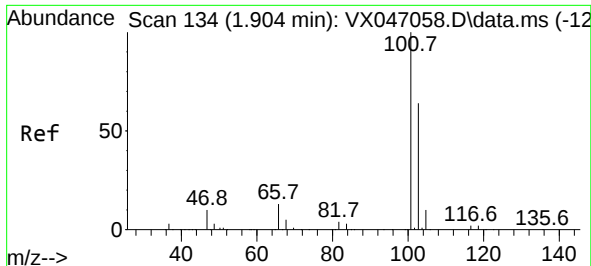
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#6
Chloroethane
Concen: 45.596 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

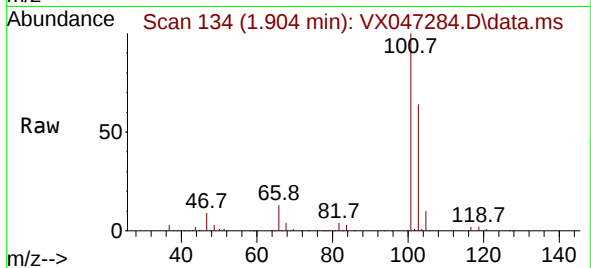
Tgt Ion: 64 Resp: 93985
Ion Ratio Lower Upper
64 100
66 32.2 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 50.312 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53

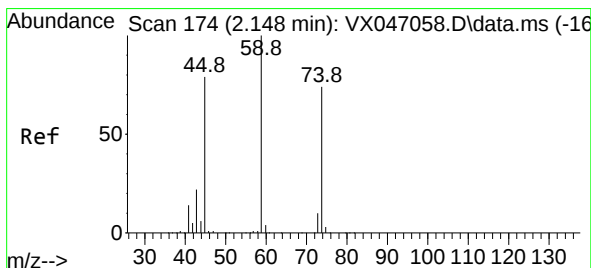
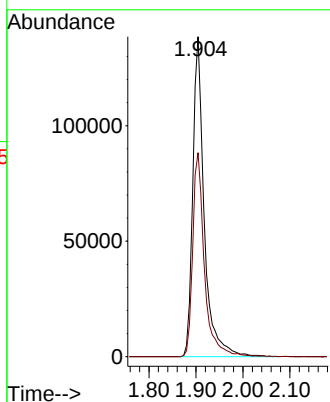
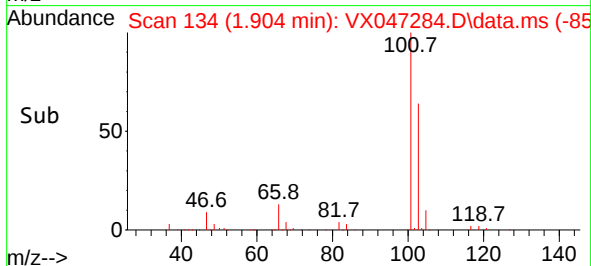
Instrument :
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Tgt Ion:101 Resp: 235450
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.9 76.3

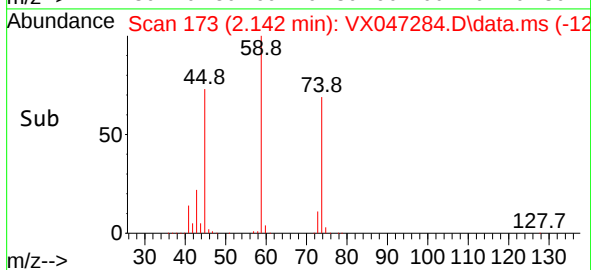
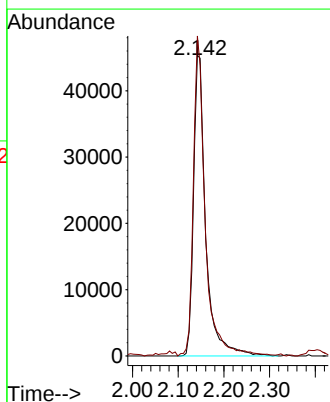
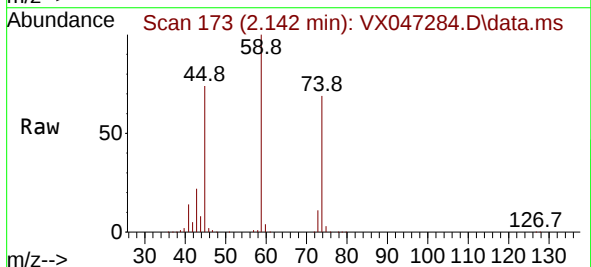
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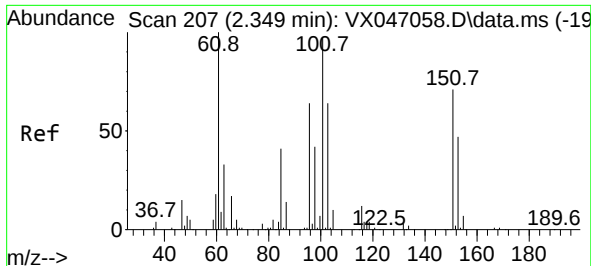
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#8
 Diethyl Ether
 Concen: 50.979 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53

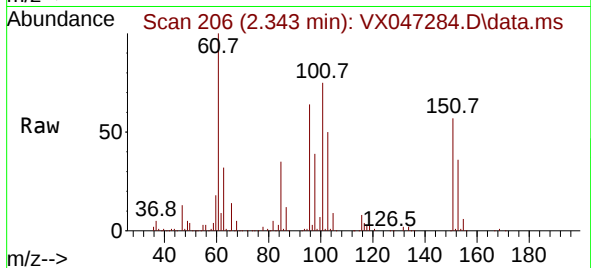
Tgt Ion: 74 Resp: 84117
 Ion Ratio Lower Upper
 74 100
 45 103.5 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.450 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

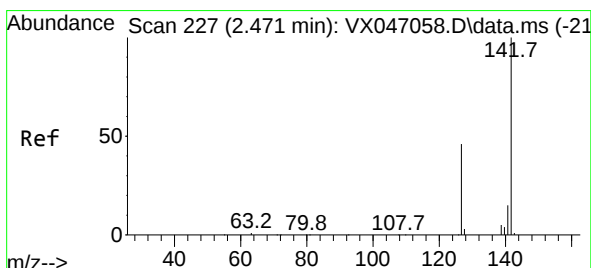
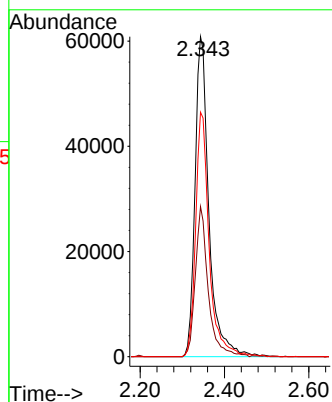
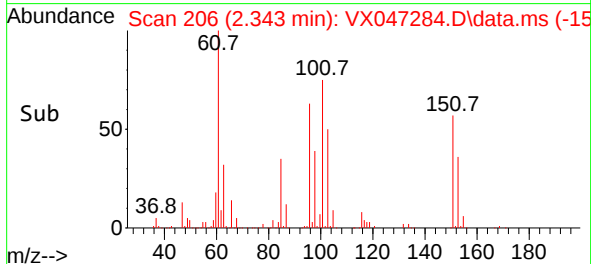
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



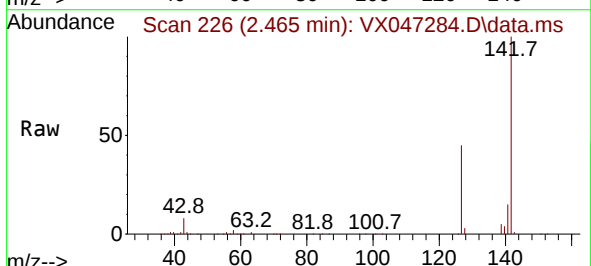
Tgt Ion:101 Resp: 13942
Ion Ratio Lower Upper
101 100
85 43.7 35.4 53.0
151 74.7 59.2 88.8

Manual Integrations
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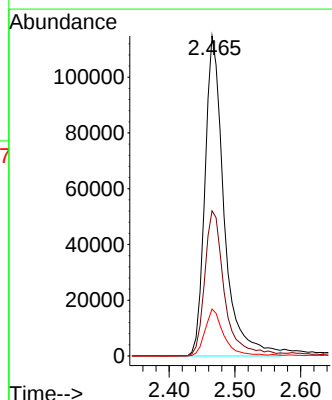
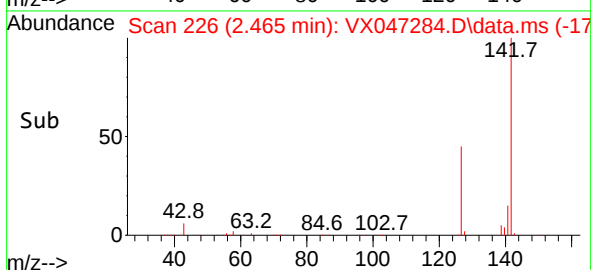
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

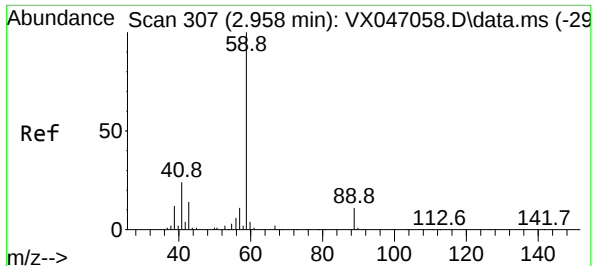


#10
Methyl Iodide
Concen: 81.141 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53



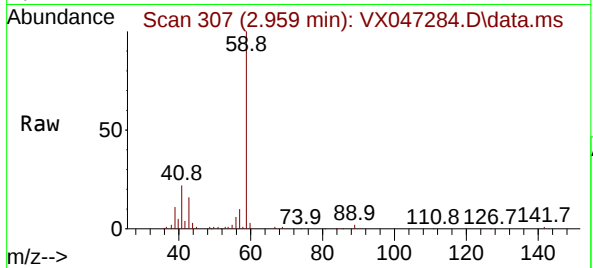
Tgt Ion:142 Resp: 233157
Ion Ratio Lower Upper
142 100
127 47.1 36.6 54.8
141 14.3 10.9 16.3





#11
Tert butyl alcohol
Concen: 259.145 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

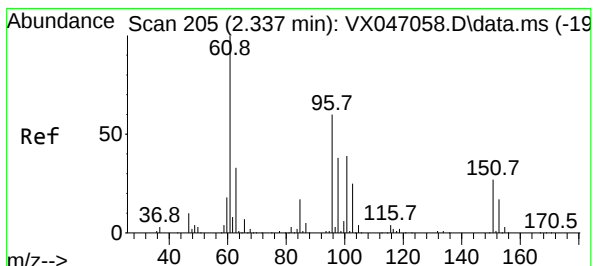
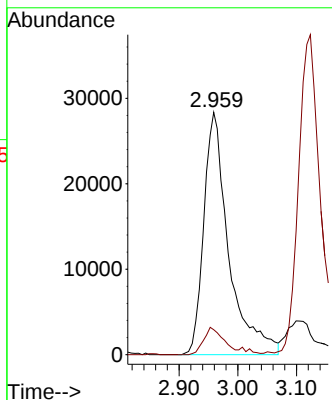
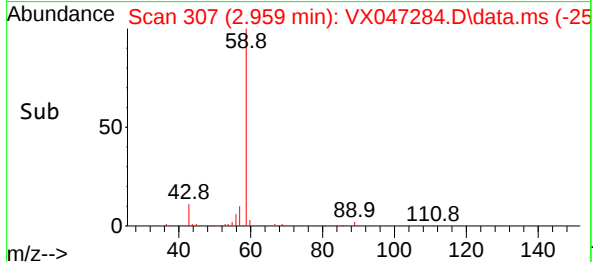
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



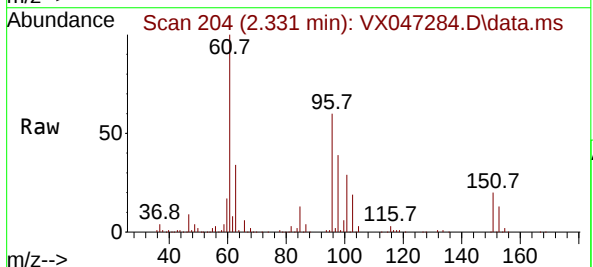
Tgt Ion: 59 Resp: 83732
Ion Ratio Lower Upper
59 100
57 9.1 8.5 12.7

Manual Integrations
APPROVED

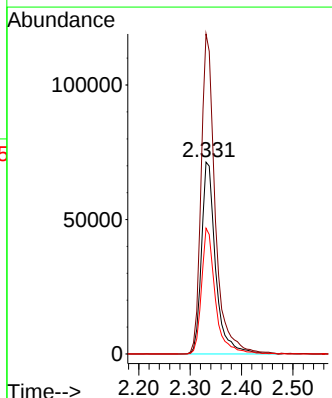
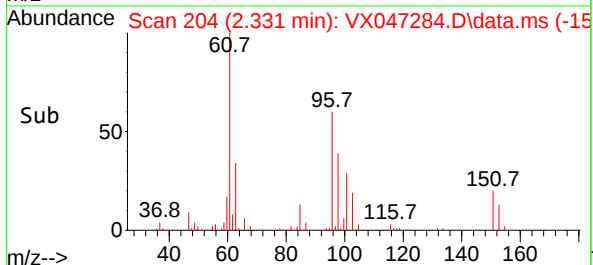
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

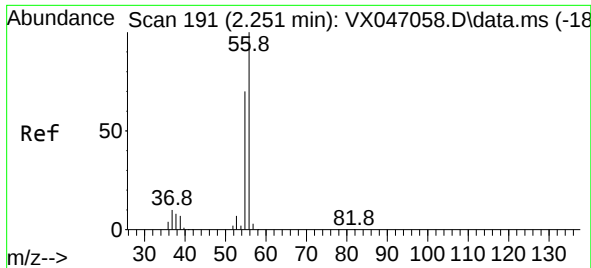


#12
1,1-Dichloroethene
Concen: 48.979 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53



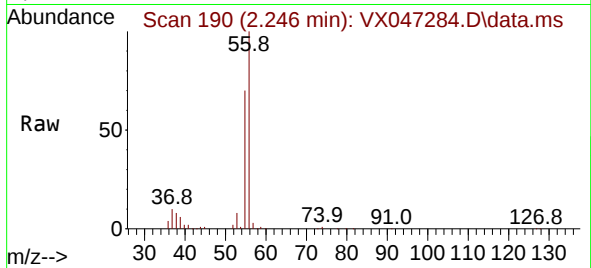
Tgt Ion: 96 Resp: 136776
Ion Ratio Lower Upper
96 100
61 166.8 132.6 198.8
98 67.1 50.2 75.4





#13
Acrolein
Concen: 346.019 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

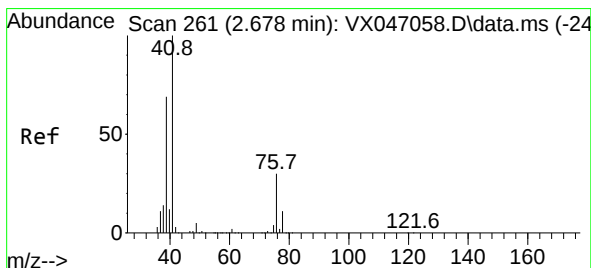
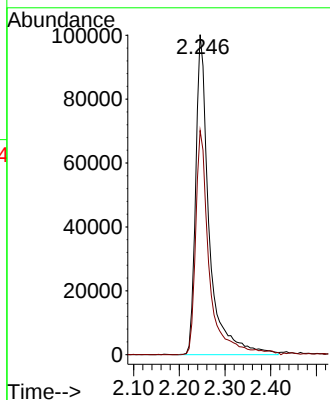
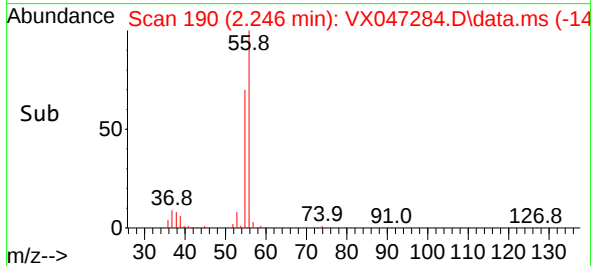
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 206229
Ion Ratio Lower Upper
56 100
55 70.9 55.7 83.5

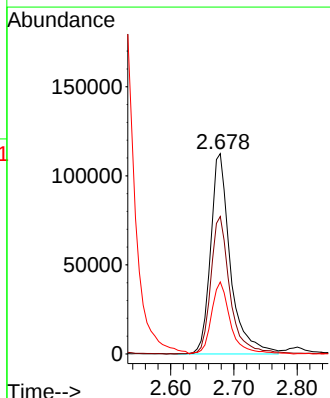
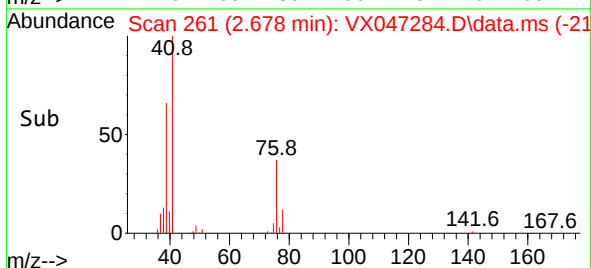
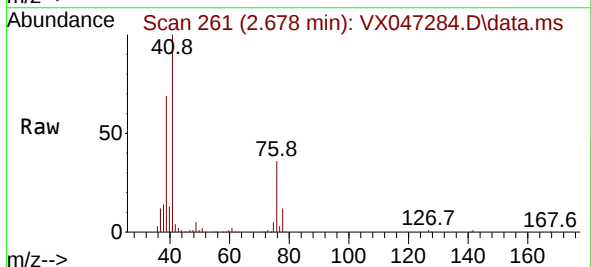
Manual Integrations
APPROVED

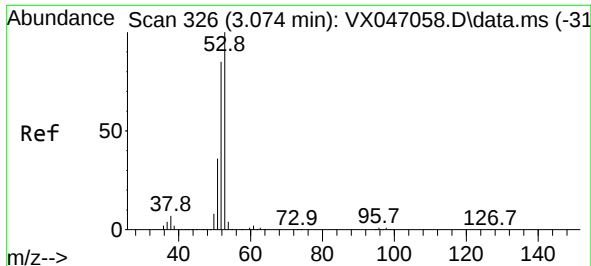
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#14
Allyl chloride
Concen: 48.438 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

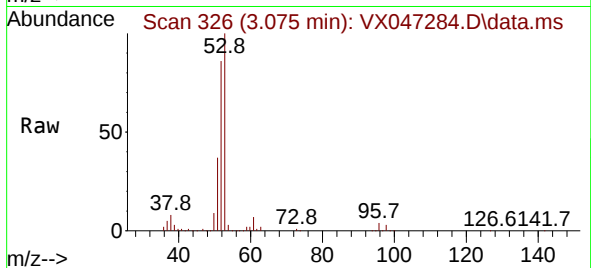
Tgt Ion: 41 Resp: 244509
Ion Ratio Lower Upper
41 100
39 67.1 52.6 78.8
76 34.3 25.7 38.5





#15
Acrylonitrile
Concen: 259.583 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

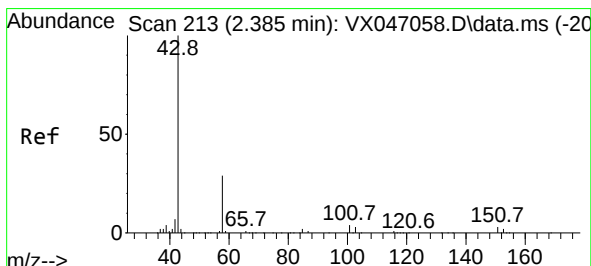
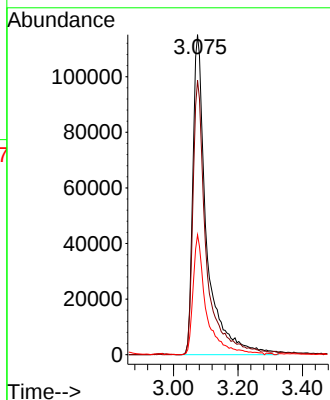
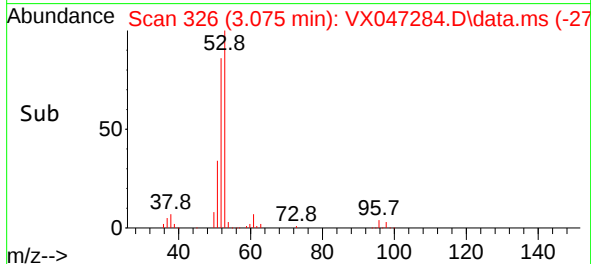
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 34268
Ion Ratio Lower Upper
53 100
52 83.2 65.7 98.5
51 36.3 28.8 43.2

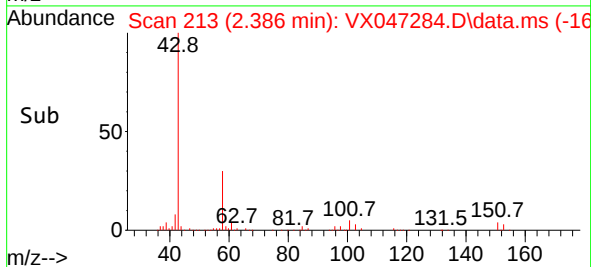
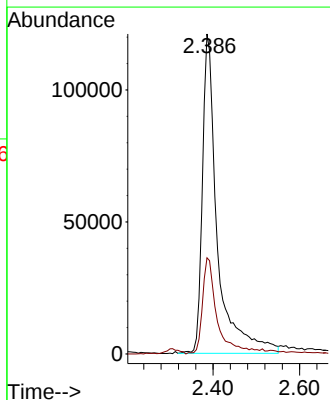
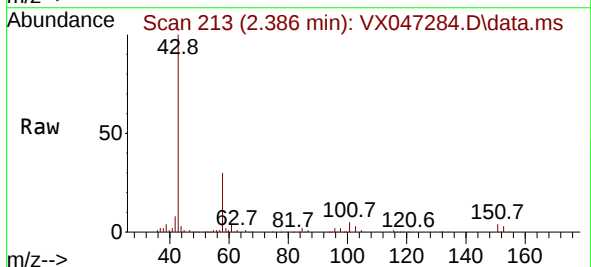
Manual Integrations
APPROVED

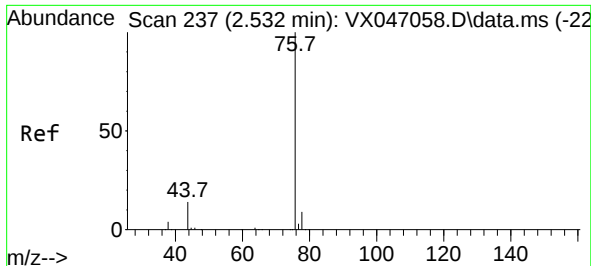
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#16
Acetone
Concen: 262.311 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

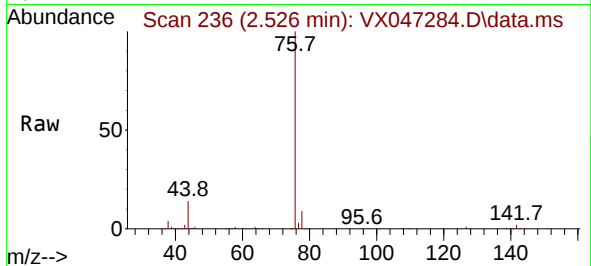
Tgt Ion: 43 Resp: 290870
Ion Ratio Lower Upper
43 100
58 29.7 24.0 36.0





#17
Carbon Disulfide
Concen: 47.887 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

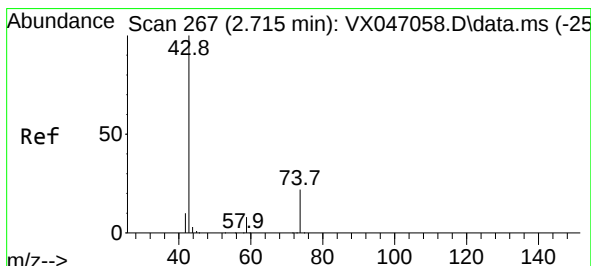
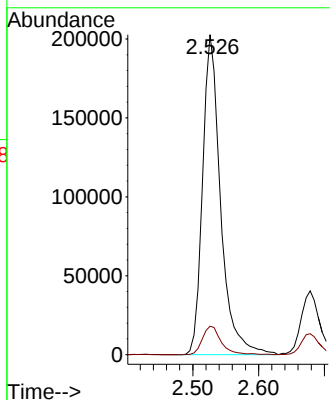
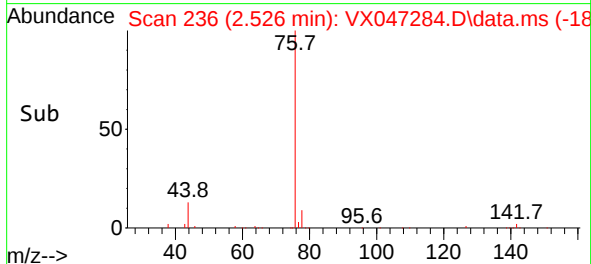
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 386860
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

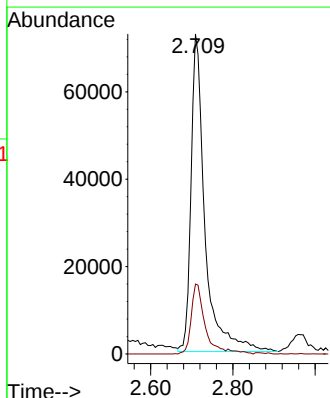
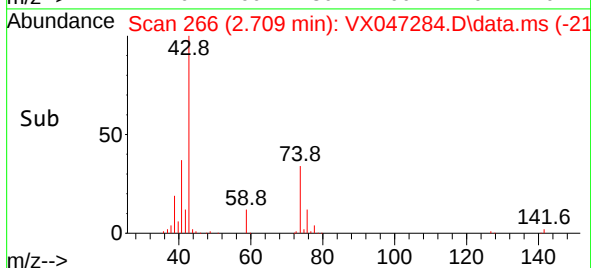
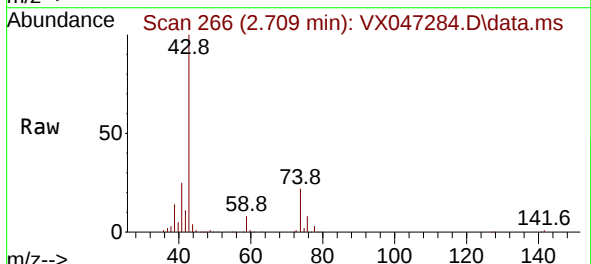
Manual Integrations
APPROVED

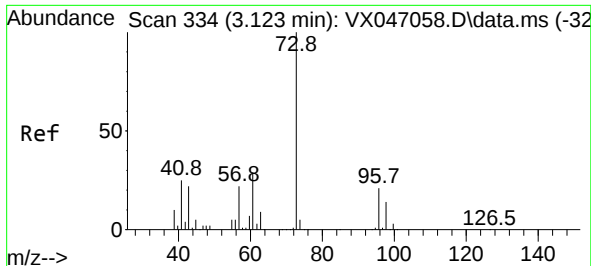
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#18
Methyl Acetate
Concen: 57.839 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 43 Resp: 170441
Ion Ratio Lower Upper
43 100
74 21.1 17.7 26.5





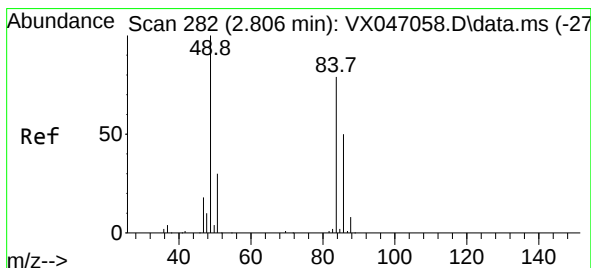
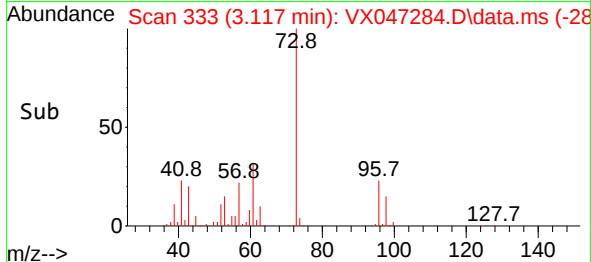
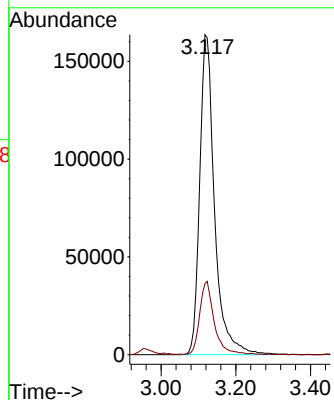
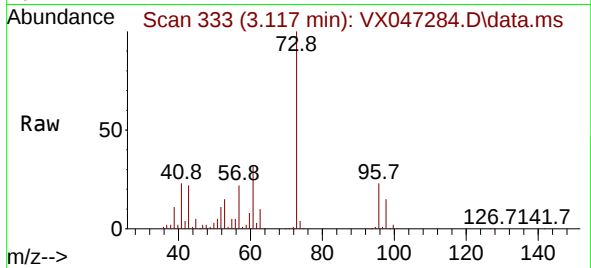
#19
Methyl tert-butyl Ether
Concen: 52.982 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 45028
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

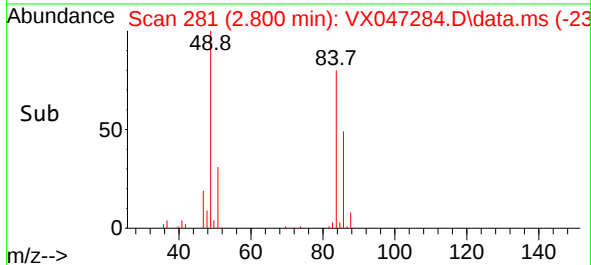
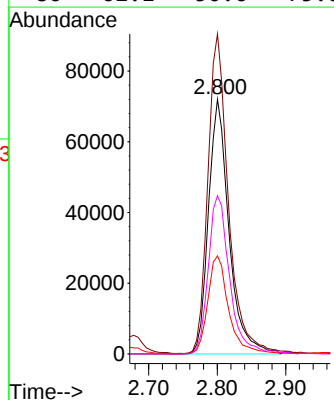
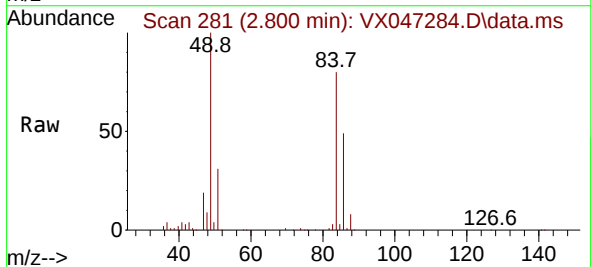
Manual Integrations
APPROVED

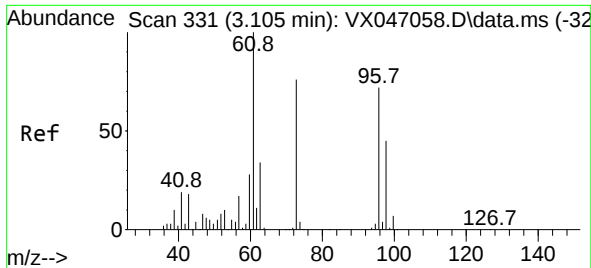
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#20
Methylene Chloride
Concen: 49.181 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

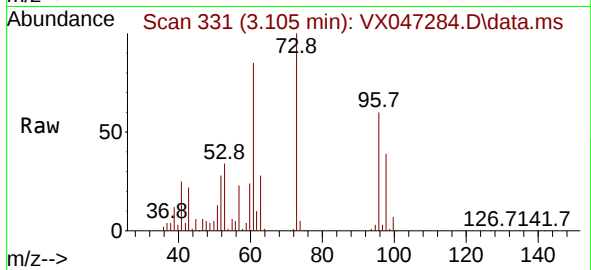
Tgt Ion: 84 Resp: 150032
Ion Ratio Lower Upper
84 100
49 125.4 101.6 152.4
51 38.5 30.3 45.5
86 62.1 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 50.102 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.001 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

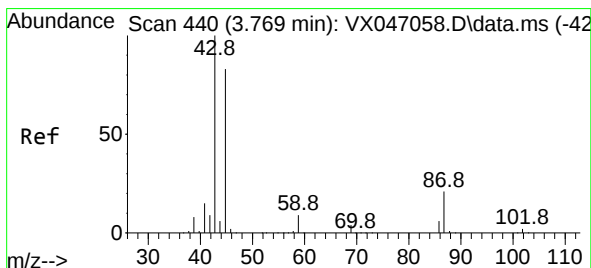
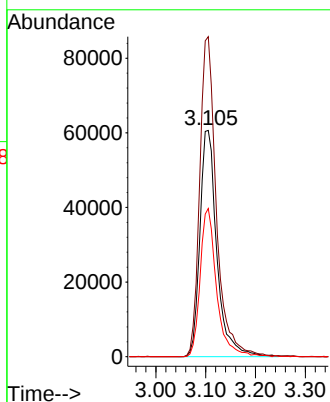
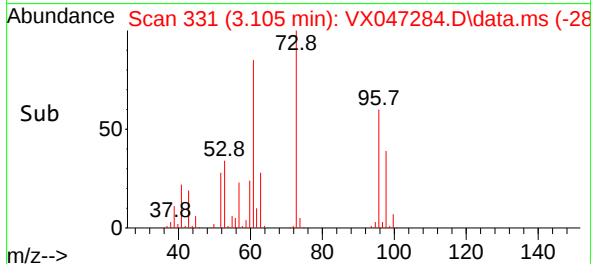
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



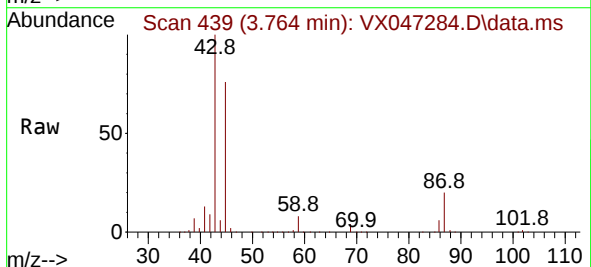
Tgt Ion: 96 Resp: 14317
Ion Ratio Lower Upper
96 100
61 141.4 111.1 166.7
98 65.5 49.6 74.4

Manual Integrations
APPROVED

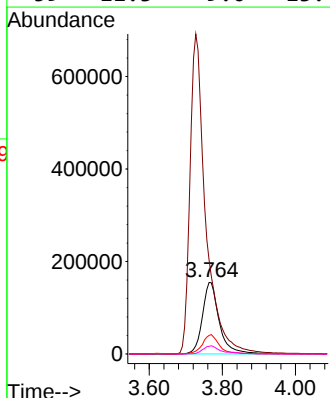
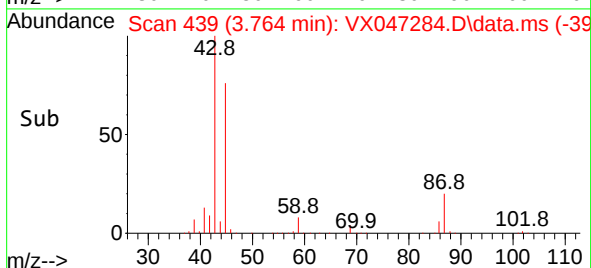
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

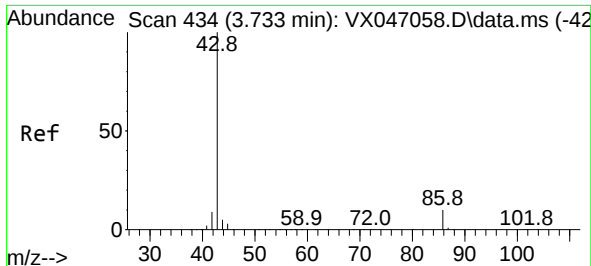


#22
Diisopropyl ether
Concen: 50.807 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53



Tgt Ion: 45 Resp: 493086
Ion Ratio Lower Upper
45 100
43 130.8 96.8 145.2
87 26.0 20.5 30.7
59 11.3 9.0 13.4





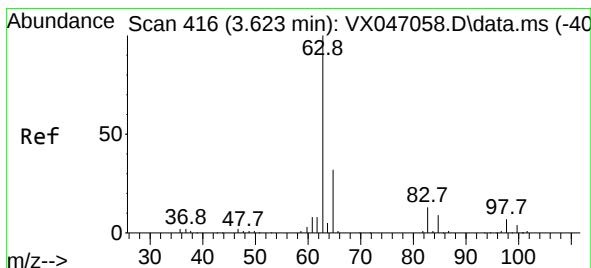
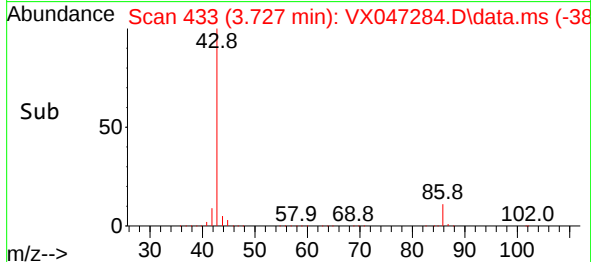
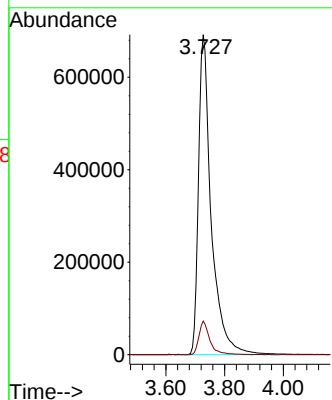
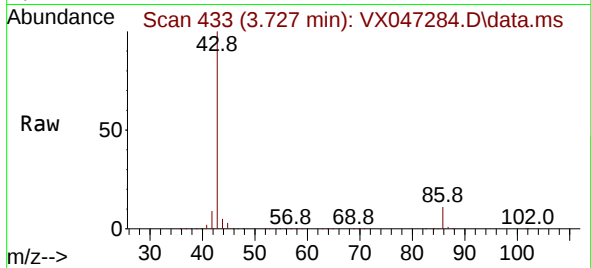
#23
 Vinyl Acetate
 Concen: 268.090 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2086840
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.1 12.1

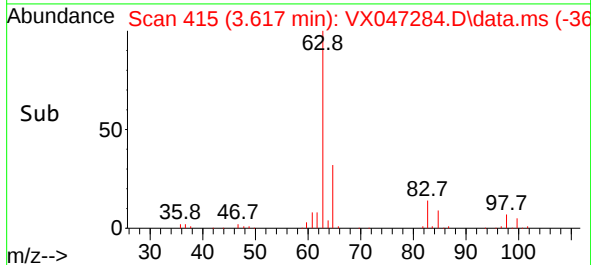
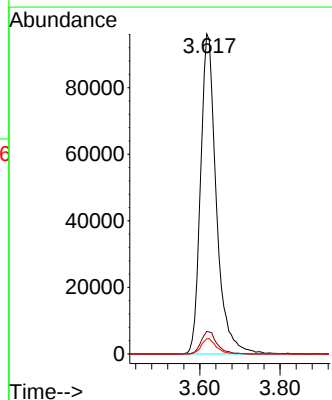
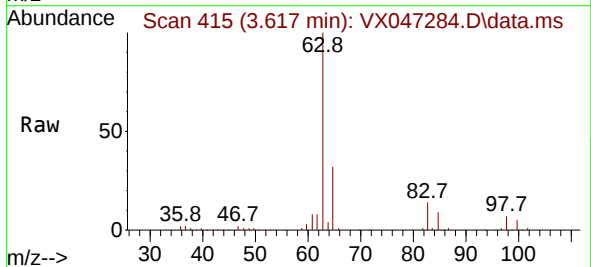
Manual Integrations
 APPROVED

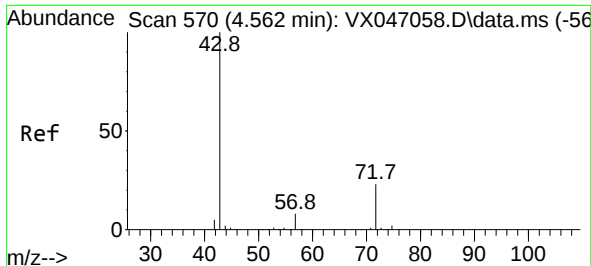
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025



#24
 1,1-Dichloroethane
 Concen: 48.683 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53

Tgt Ion: 63 Resp: 262729
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.9 2.3 6.8





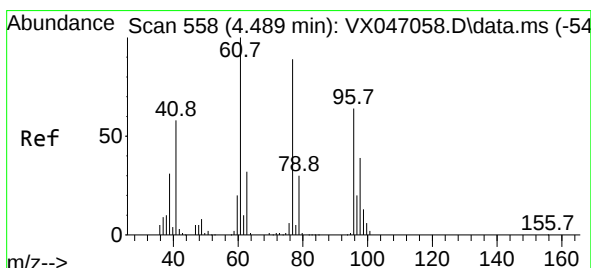
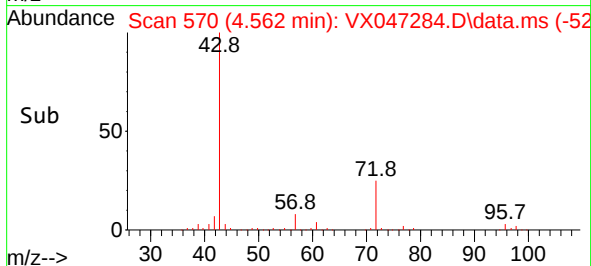
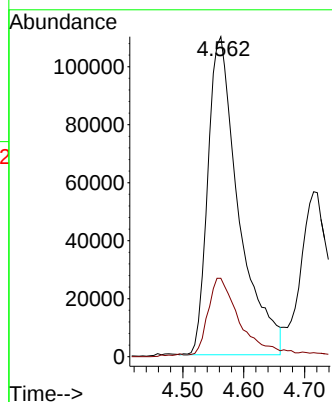
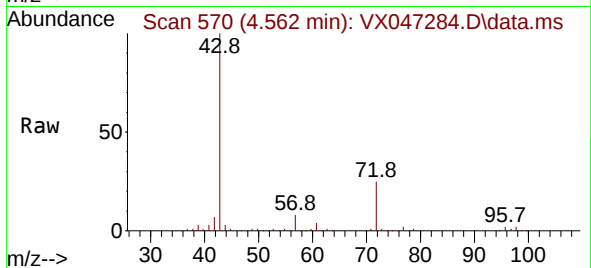
#25
2-Butanone
Concen: 239.268 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 386320
Ion Ratio Lower Upper
43 100
72 23.8 18.8 28.2

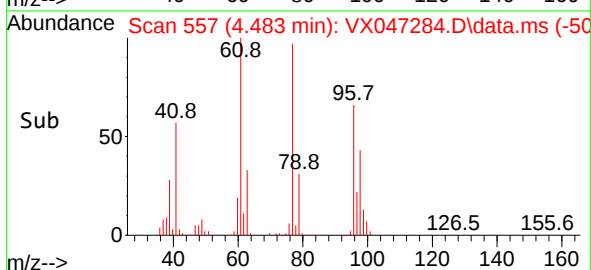
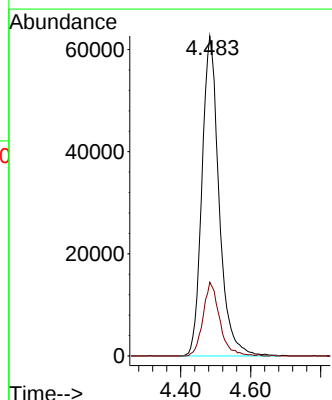
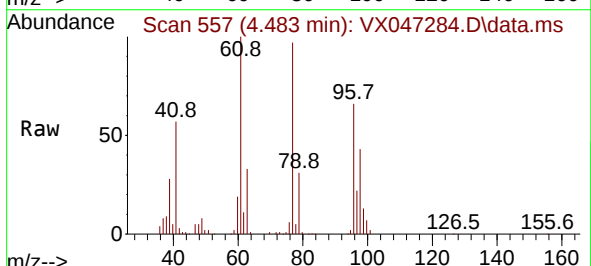
Manual Integrations
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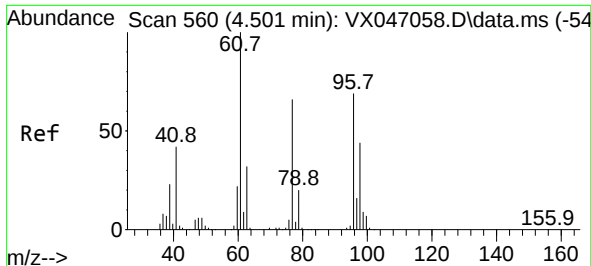
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#26
2,2-Dichloropropane
Concen: 50.870 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

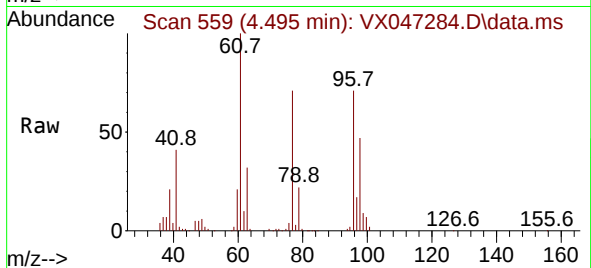
Tgt Ion: 77 Resp: 212515
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 49.083 ug/l
RT: 4.495 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

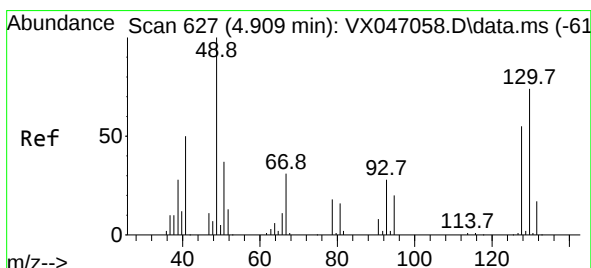
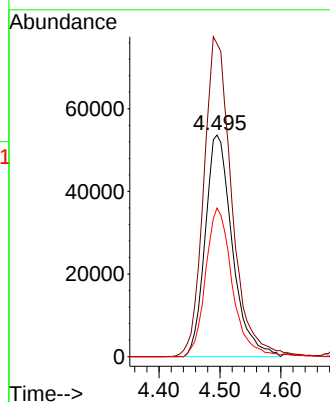
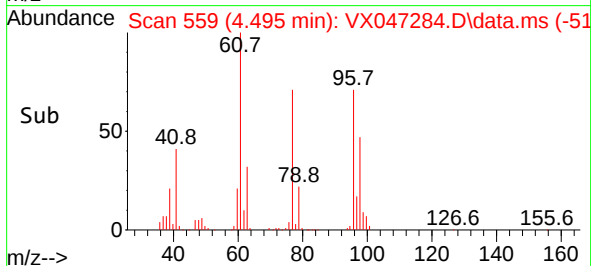
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 16609
Ion Ratio Lower Upper
96 100
61 149.1 0.0 298.6
98 66.4 0.0 128.8

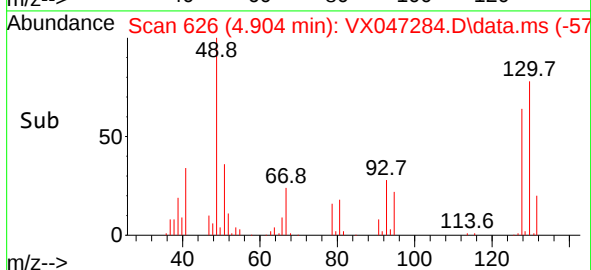
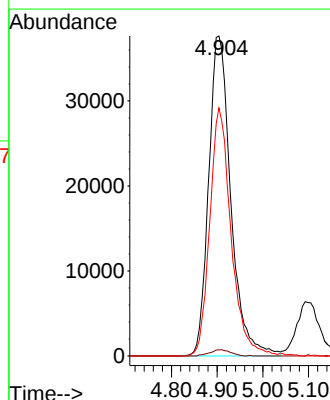
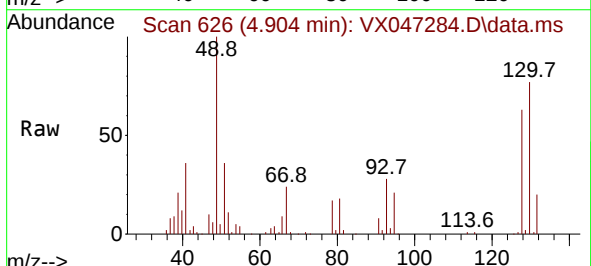
Manual Integrations
APPROVED

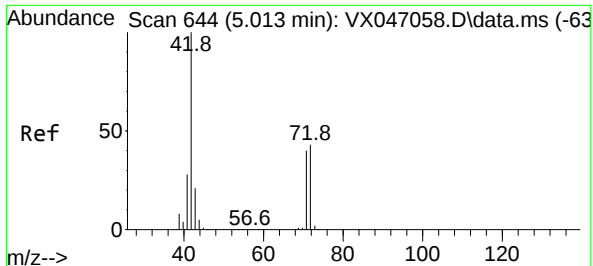
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#28
Bromochloromethane
Concen: 51.137 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 49 Resp: 126965
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 74.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 237.470 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.007 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 247390

Ion Ratio Lower Upper

42 100

72 42.6 33.7 50.5

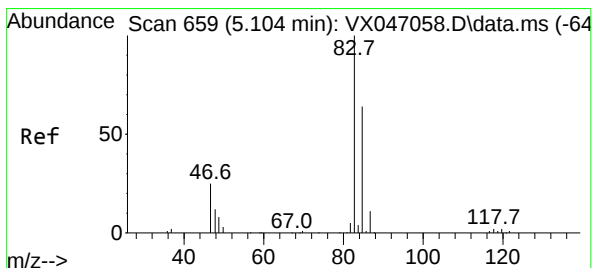
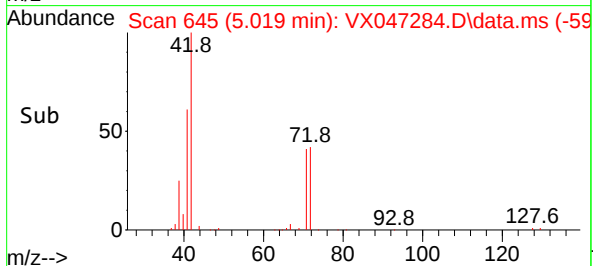
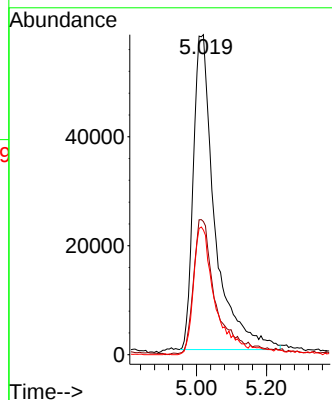
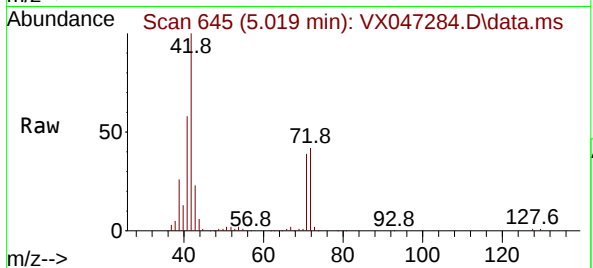
71 39.9 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#30

Chloroform

Concen: 49.242 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047284.D

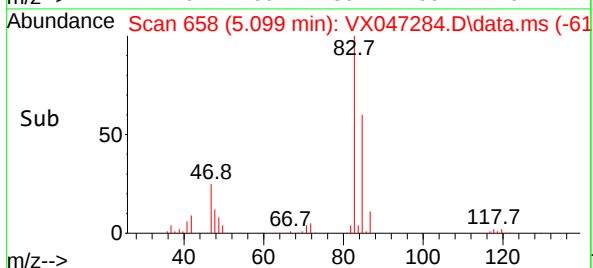
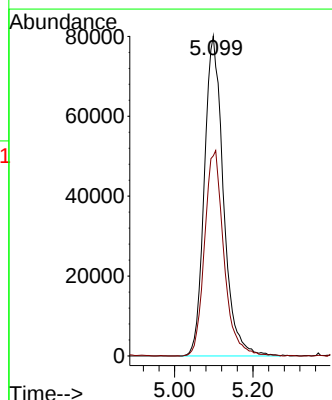
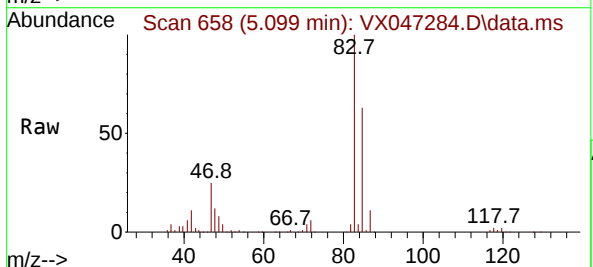
Acq: 12 Aug 2025 09:53

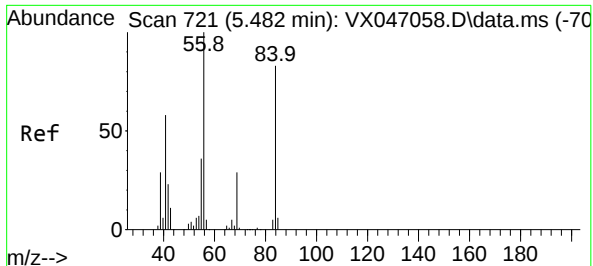
Tgt Ion: 83 Resp: 270514

Ion Ratio Lower Upper

83 100

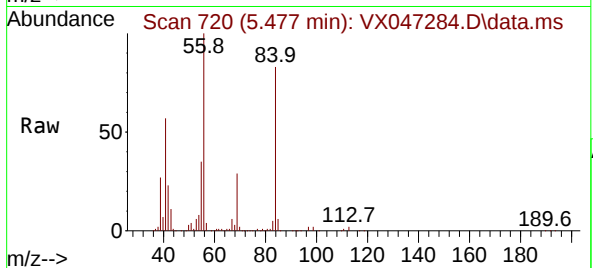
85 62.5 50.9 76.3





#31
Cyclohexane
Concen: 46.661 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

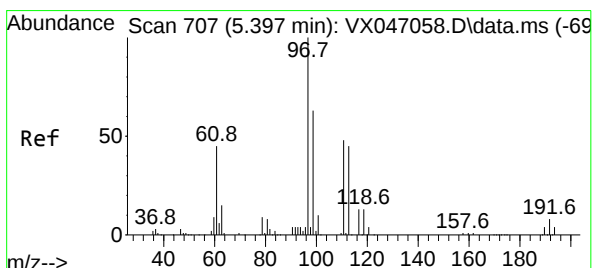
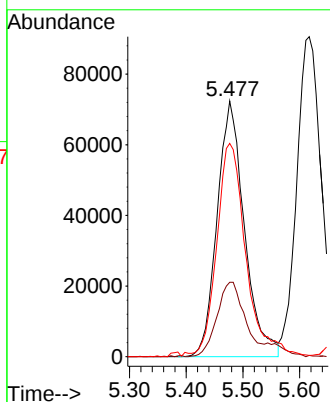
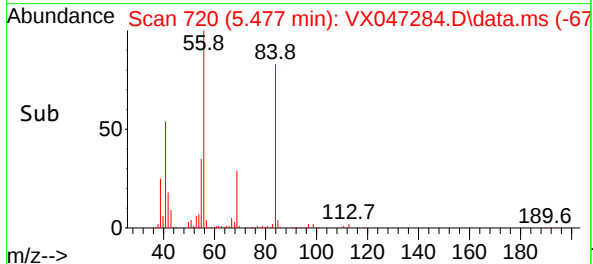
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 24145
Ion Ratio Lower Upper
56 100
69 28.8 23.3 34.9
84 81.7 66.5 99.7

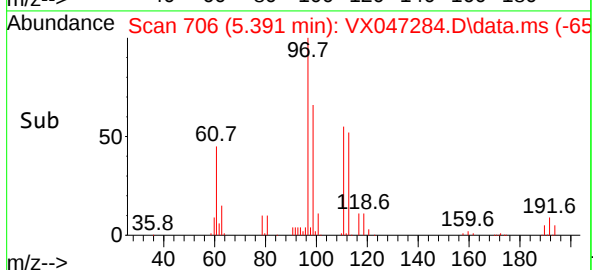
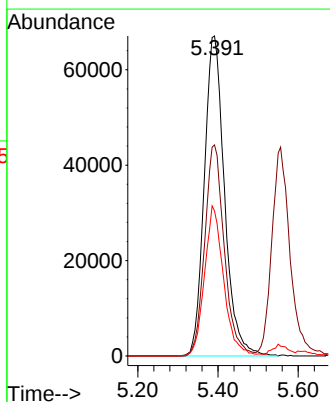
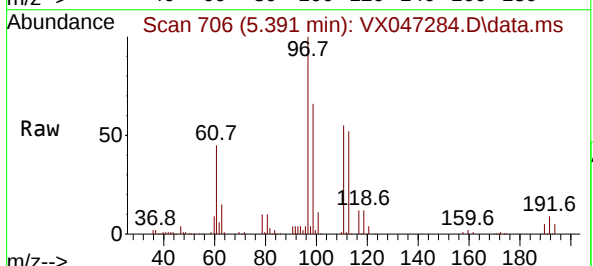
Manual Integrations
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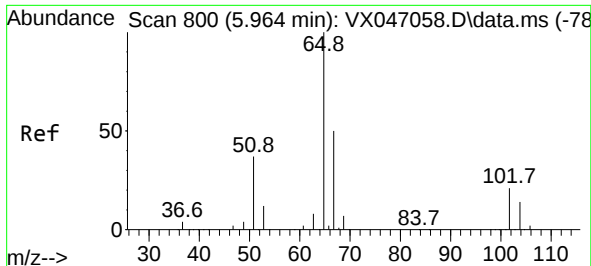
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#32
1,1,1-Trichloroethane
Concen: 49.285 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

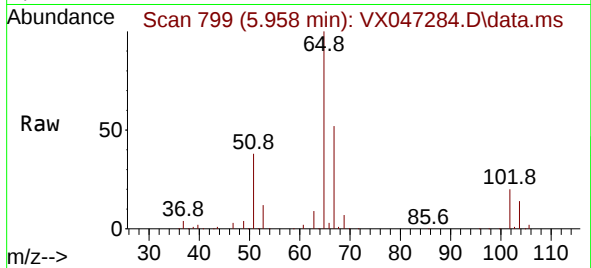
Tgt Ion: 97 Resp: 235167
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 44.5 37.1 55.7





#33
 1,2-Dichloroethane-d4
 Concen: 46.806 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53

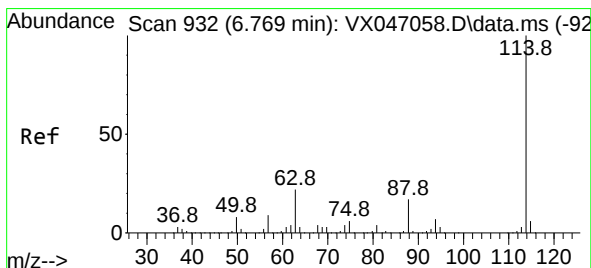
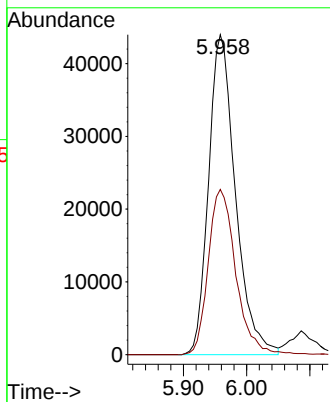
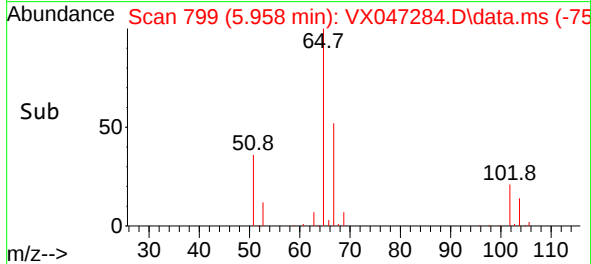
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



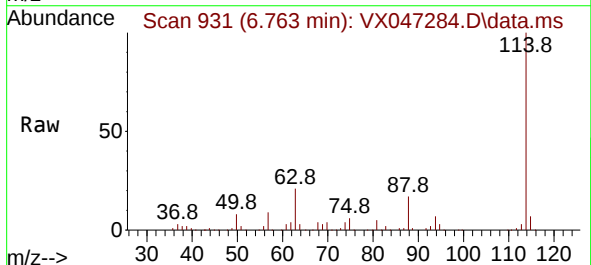
Tgt Ion: 65 Resp: 12955
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.8

Manual Integrations
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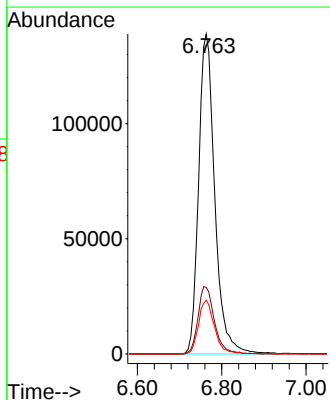
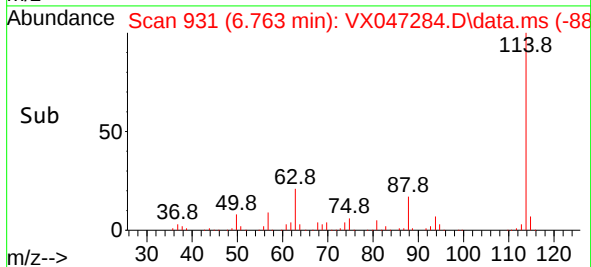
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

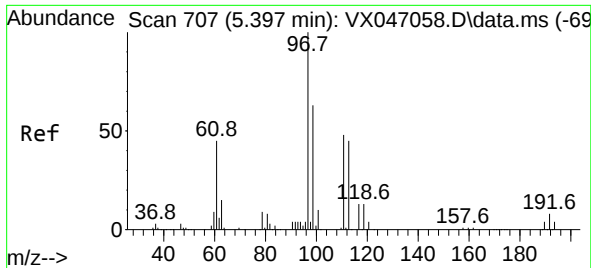


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53



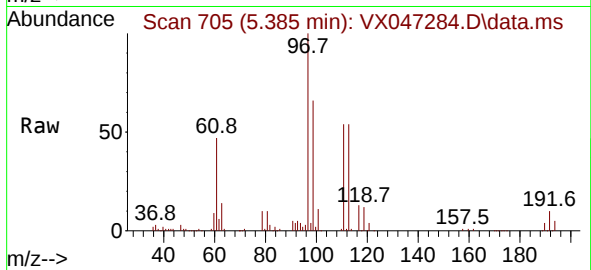
Tgt Ion:114 Resp: 370615
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.2
 88 16.8 0.0 33.8





#35
Dibromofluoromethane
Concen: 51.356 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

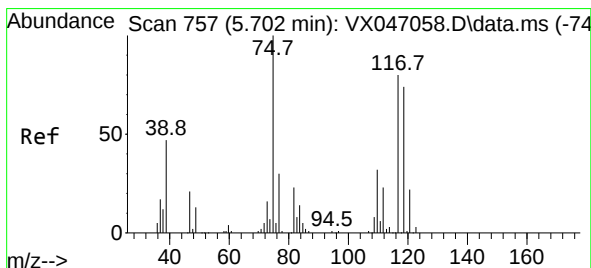
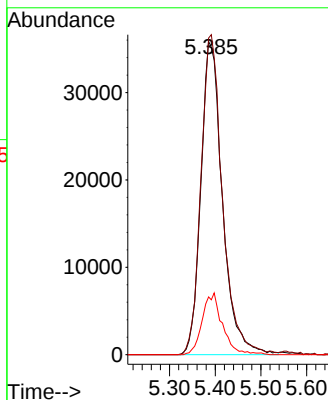
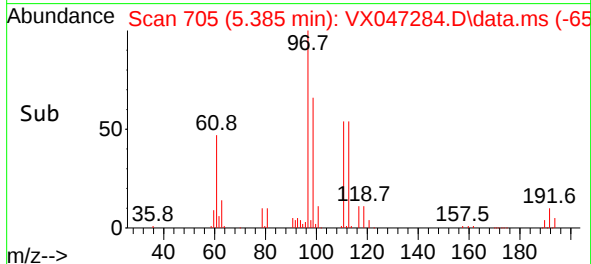
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 11751
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 18.5 14.9 22.3

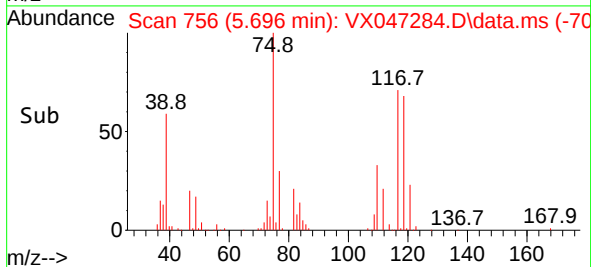
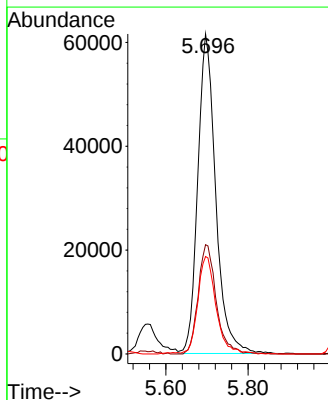
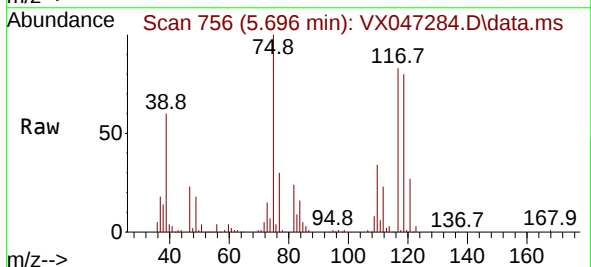
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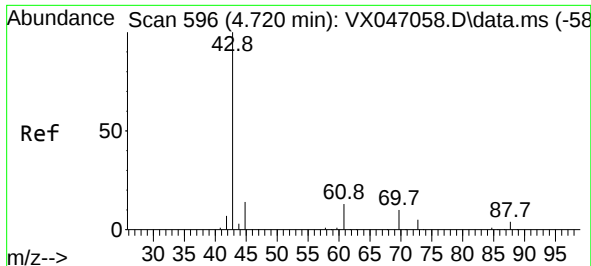
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#36
1,1-Dichloropropene
Concen: 47.793 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 75 Resp: 186422
Ion Ratio Lower Upper
75 100
110 34.3 17.2 51.5
77 31.0 25.1 37.7





#37

Ethyl Acetate

Concen: 57.688 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 20734

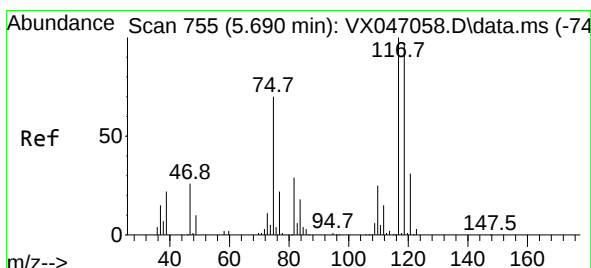
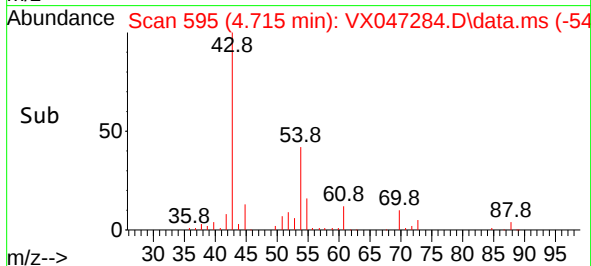
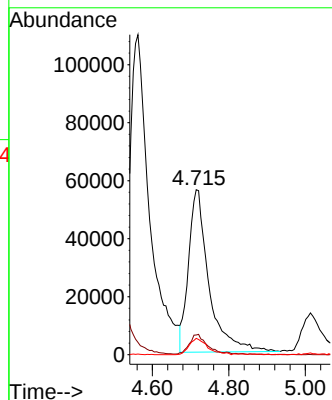
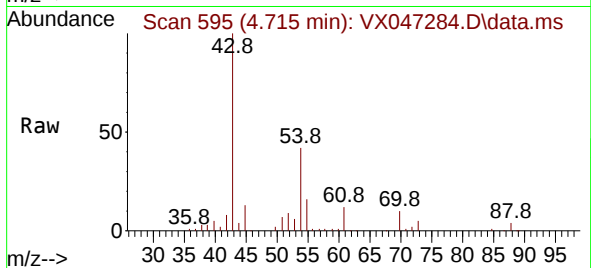
Ion	Ratio	Lower	Upper
43	100		
61	11.1	10.2	15.2
70	9.0	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#38

Carbon Tetrachloride

Concen: 49.200 ug/l

RT: 5.678 min Scan# 753

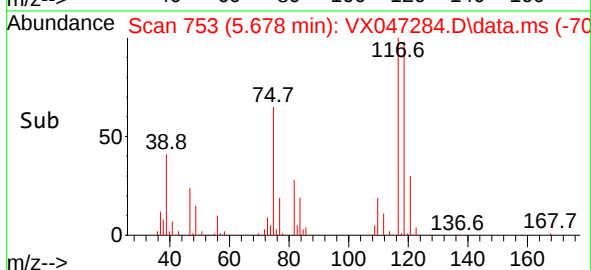
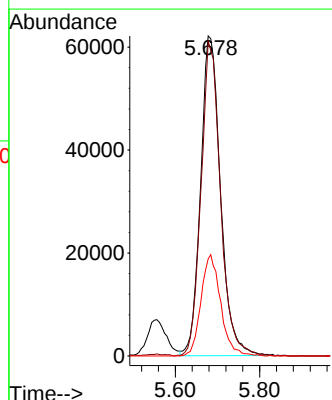
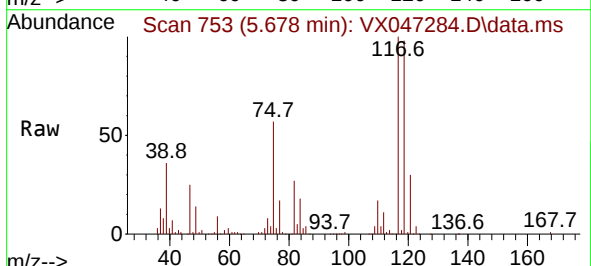
Delta R.T. -0.012 min

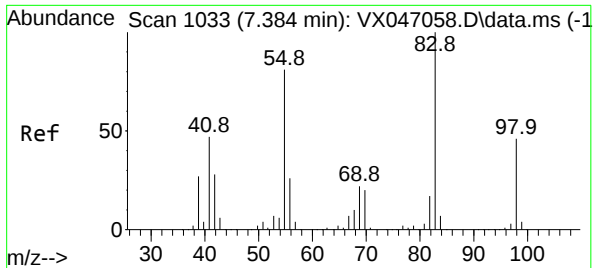
Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Tgt Ion:117 Resp: 204829

Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.6	115.0
121	30.4	24.4	36.6





#39

Methylcyclohexane

Concen: 47.804 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 232810

Ion Ratio Lower Upper

83 100

55 79.8 64.5 96.7

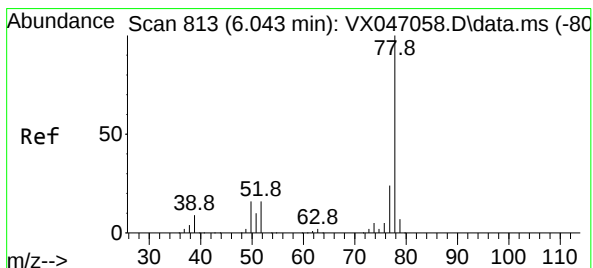
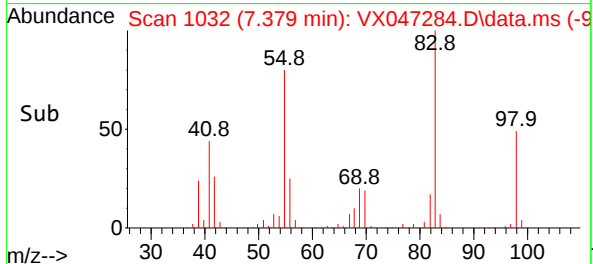
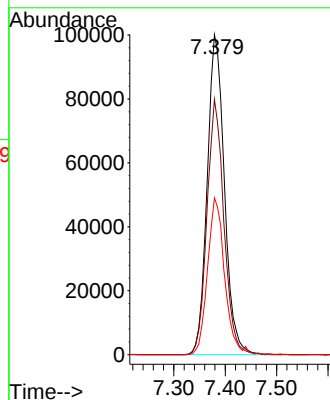
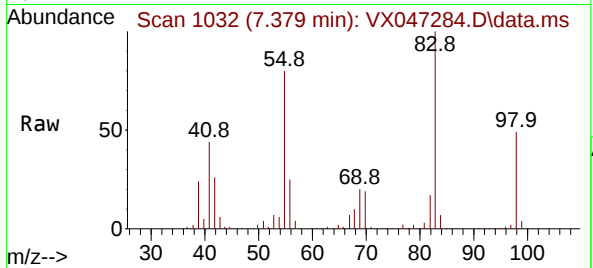
98 49.0 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#40

Benzene

Concen: 49.740 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX047284.D

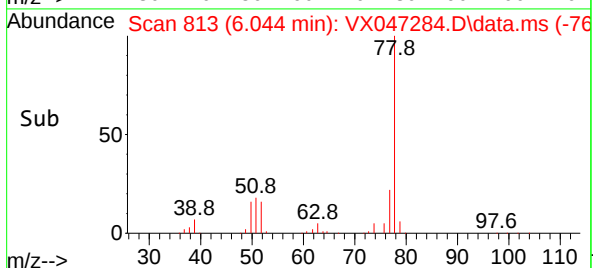
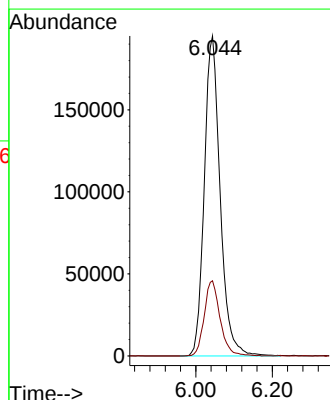
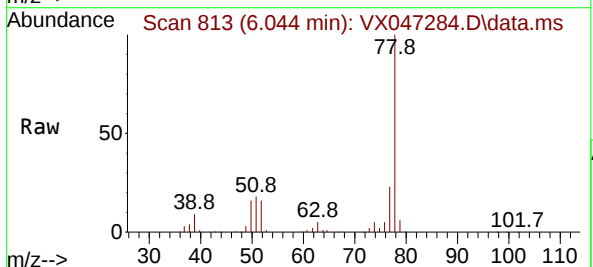
Acq: 12 Aug 2025 09:53

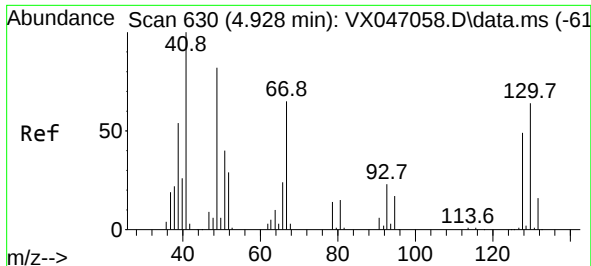
Tgt Ion: 78 Resp: 561481

Ion Ratio Lower Upper

78 100

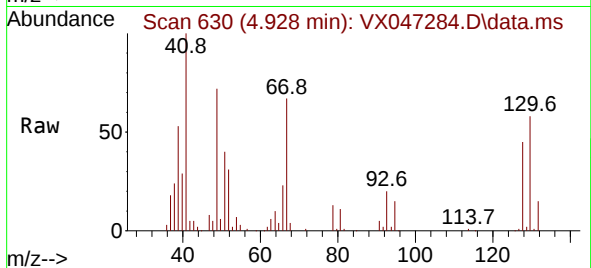
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 46.227 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

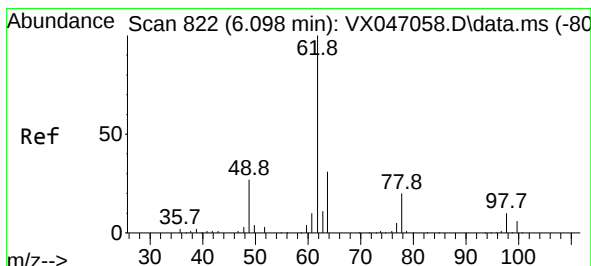
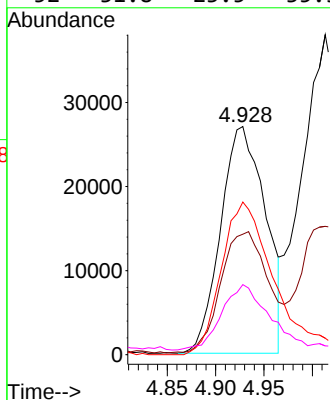
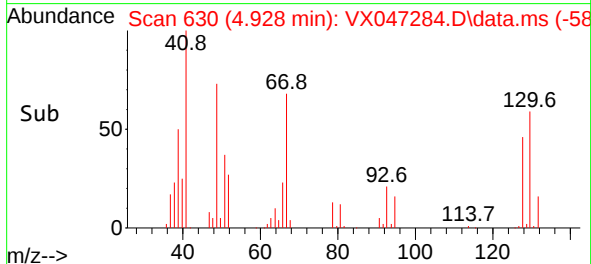
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	8687
Ion	Ratio	Lower	Upper
41	100		
39	57.6	44.2	66.2
67	83.7	56.4	84.6
52	31.8	23.5	35.3

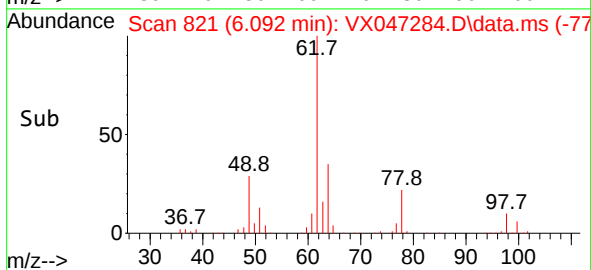
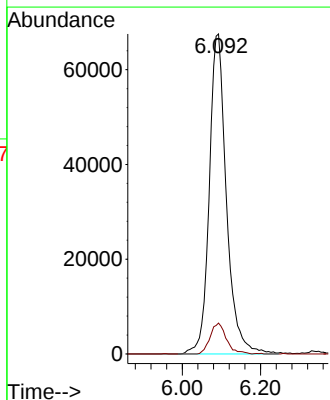
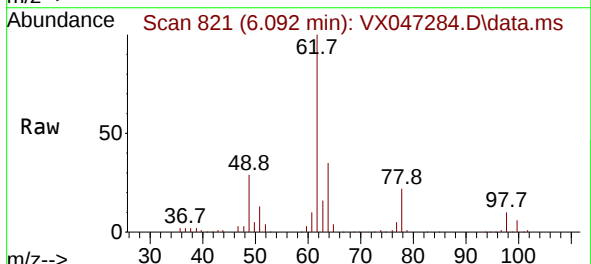
Manual Integrations
APPROVED

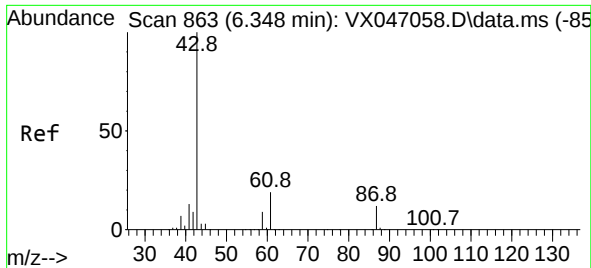
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#42
1,2-Dichloroethane
Concen: 51.566 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

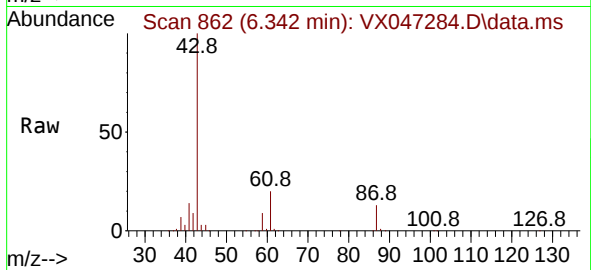
Tgt Ion:	62	Resp:	205046
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8





#43
Isopropyl Acetate
Concen: 54.939 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

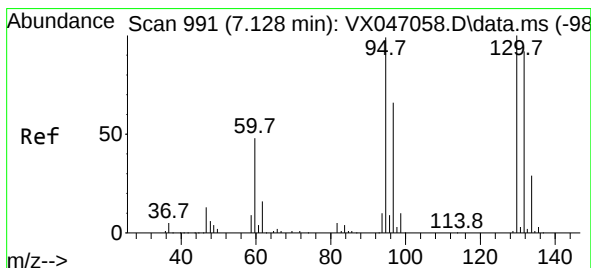
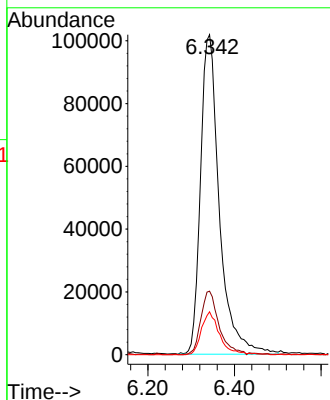
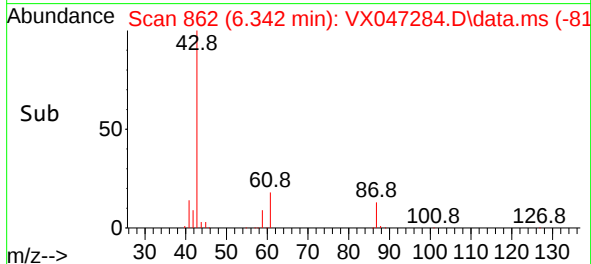
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 30783
Ion Ratio Lower Upper
43 100
61 19.1 15.1 22.7
87 12.9 9.7 14.5

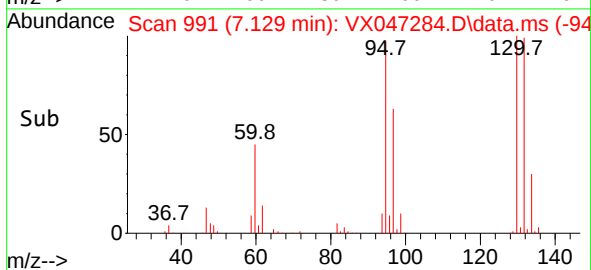
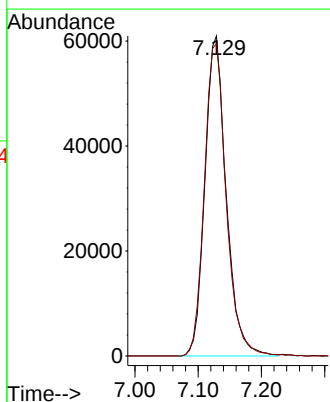
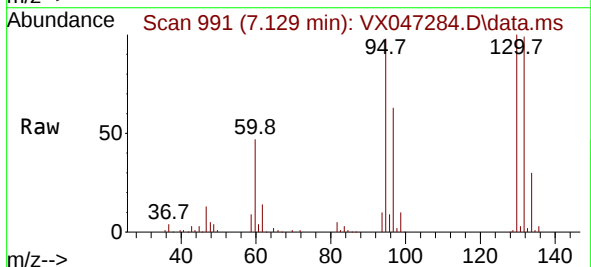
Manual Integrations
APPROVED

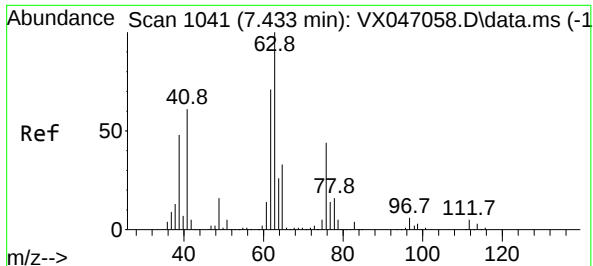
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#44
Trichloroethene
Concen: 49.268 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion:130 Resp: 142617
Ion Ratio Lower Upper
130 100
95 97.6 0.0 198.6





#45

1,2-Dichloropropane

Concen: 50.611 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 143089

Ion Ratio Lower Upper

63 100

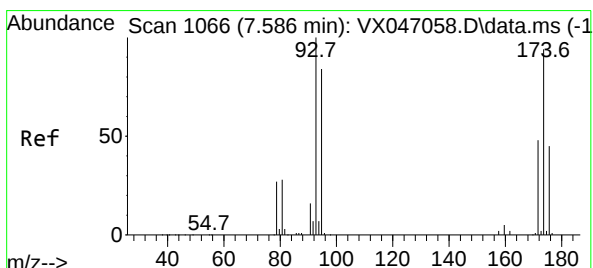
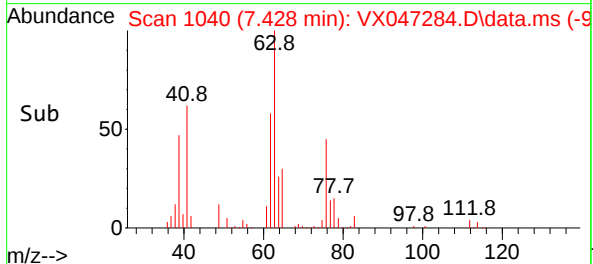
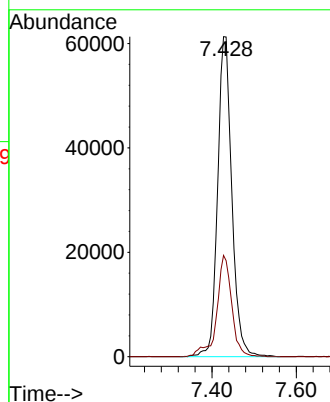
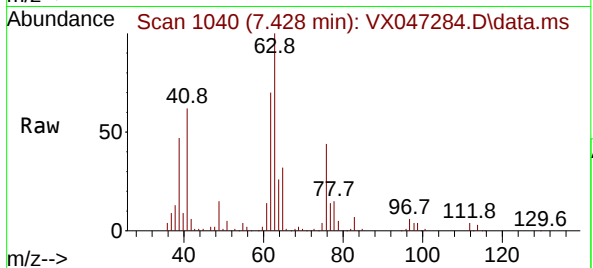
65 31.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#46

Dibromomethane

Concen: 52.854 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

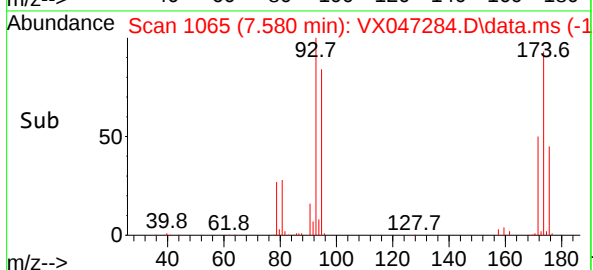
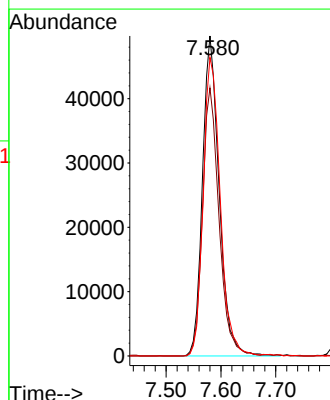
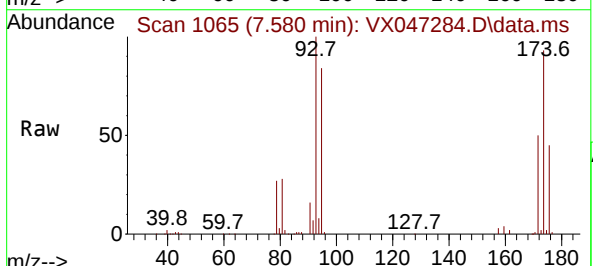
Tgt Ion: 93 Resp: 104791

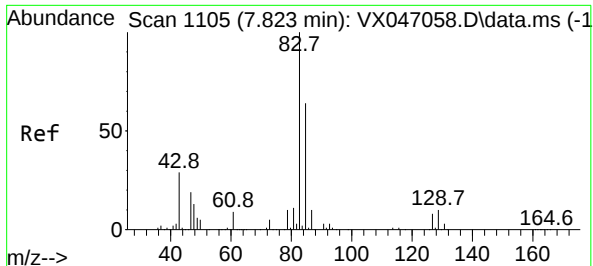
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

174 95.0 74.6 112.0





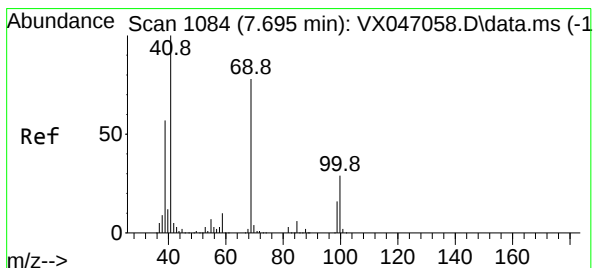
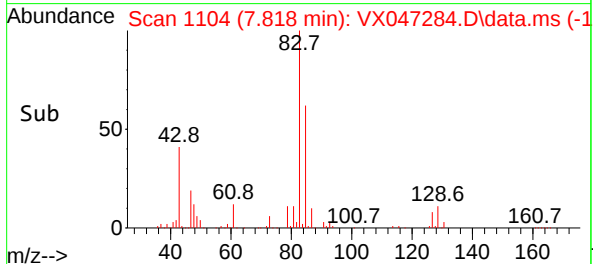
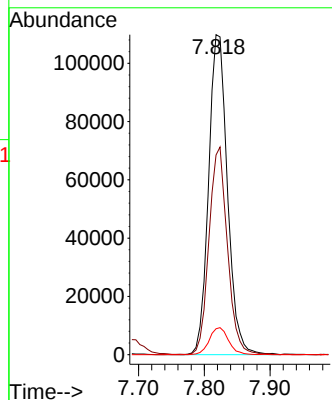
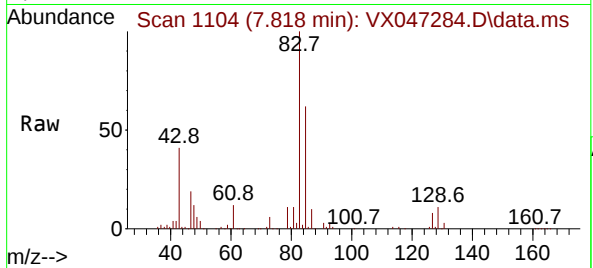
#47
Bromodichloromethane
Concen: 51.865 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 218872
Ion Ratio Lower Upper
83 100
85 63.1 49.9 74.9
127 8.1 6.6 10.0

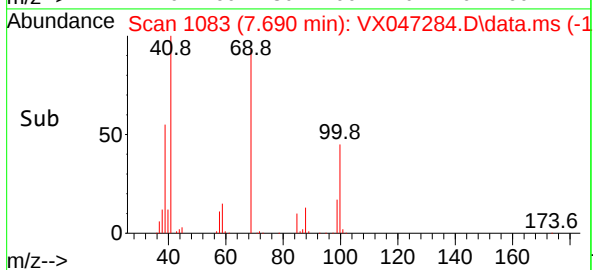
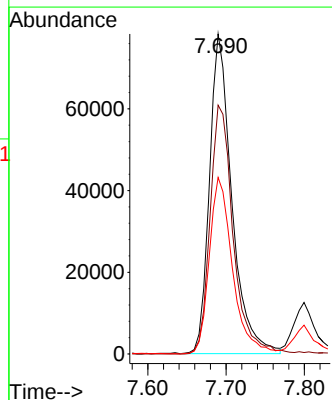
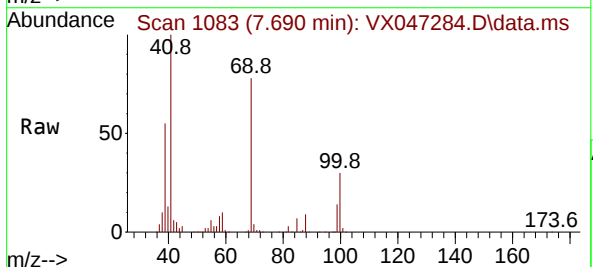
Manual Integrations
APPROVED

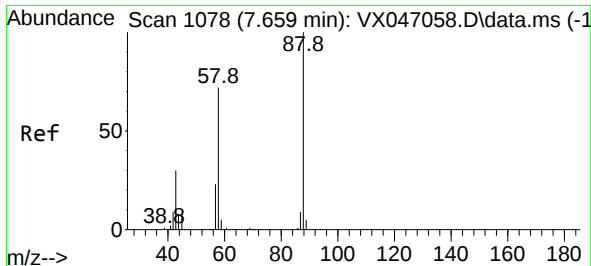
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#48
Methyl methacrylate
Concen: 50.837 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 41 Resp: 155179
Ion Ratio Lower Upper
41 100
69 80.7 62.3 93.5
39 57.5 44.8 67.2





#49

1,4-Dioxane

Concen: 972.087 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.013 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

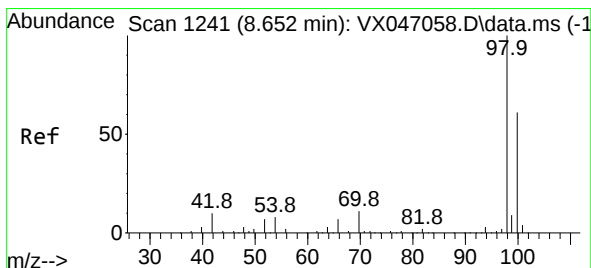
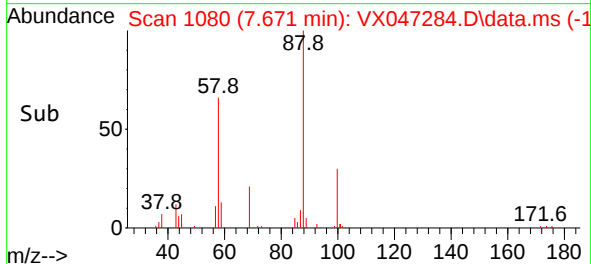
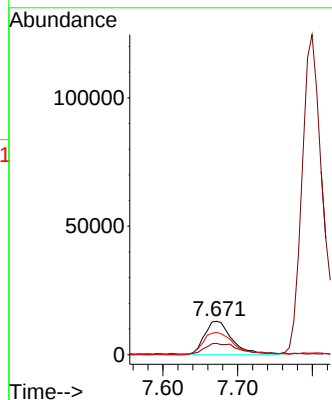
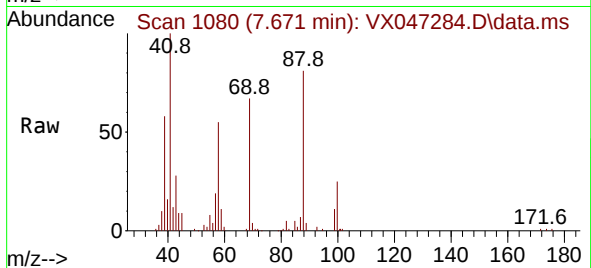
Tgt Ion: 88 Resp: 33749
 Ion Ratio Lower Upper
 88 100
 43 37.2 33.6 50.4
 58 74.5 58.8 88.2

Manual Integrations

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Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#50

Toluene-d8

Concen: 44.372 ug/l

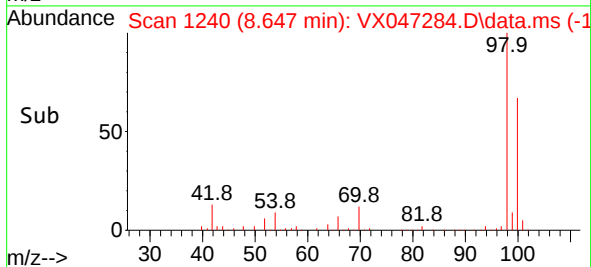
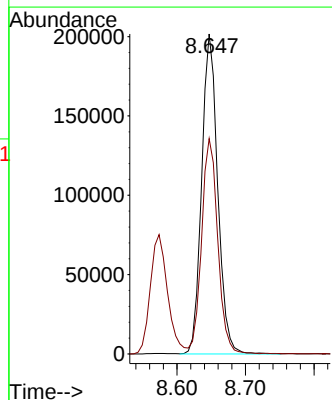
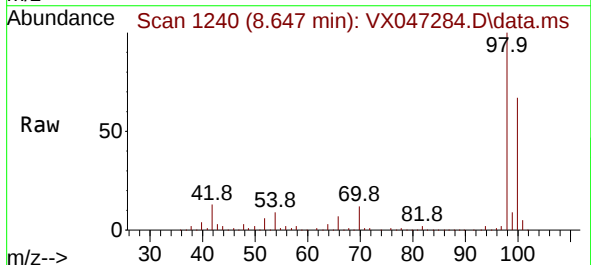
RT: 8.647 min Scan# 1240

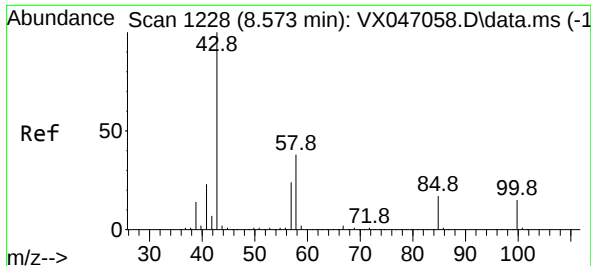
Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

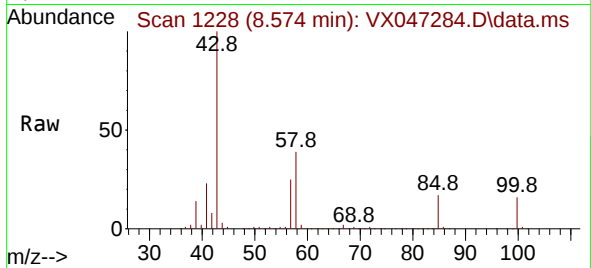
Tgt Ion: 98 Resp: 328825
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 264.926 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

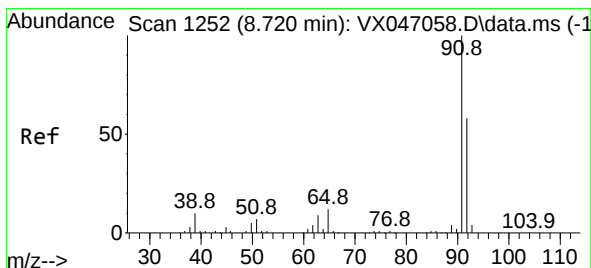
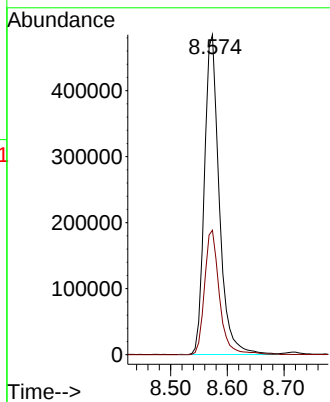
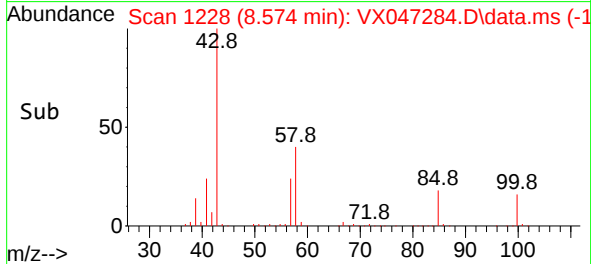
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



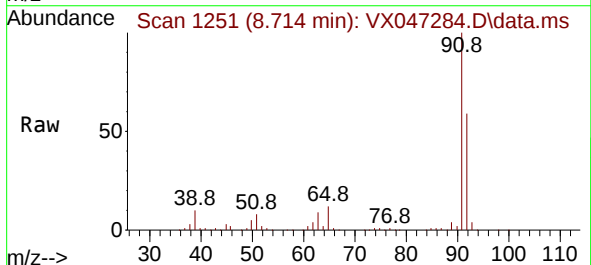
Tgt Ion: 43 Resp: 882345
Ion Ratio Lower Upper
43 100
58 39.1 30.6 45.8

Manual Integrations
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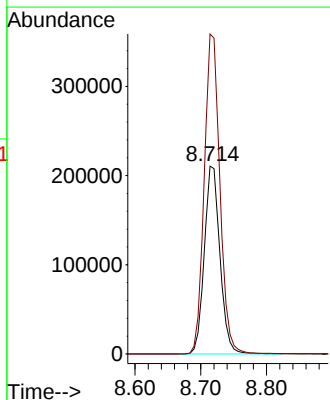
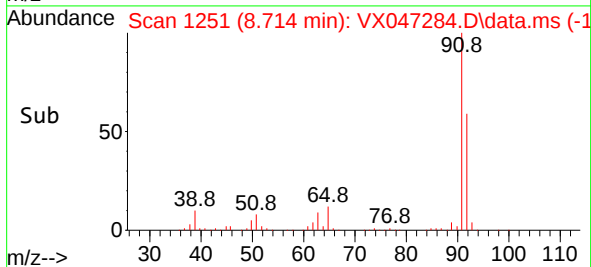
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

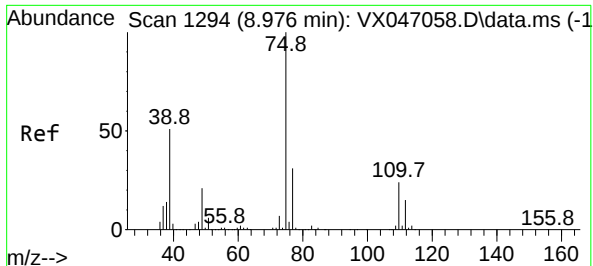


#52
Toluene
Concen: 50.178 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53



Tgt Ion: 92 Resp: 348287
Ion Ratio Lower Upper
92 100
91 171.3 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 52.654 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 20982

Ion Ratio Lower Upper

75 100

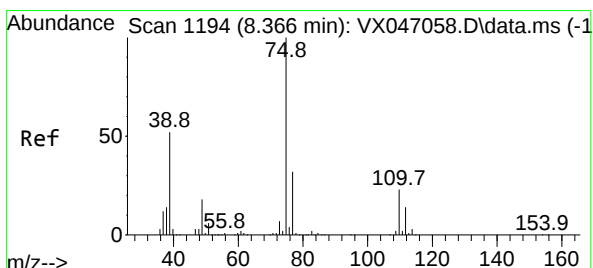
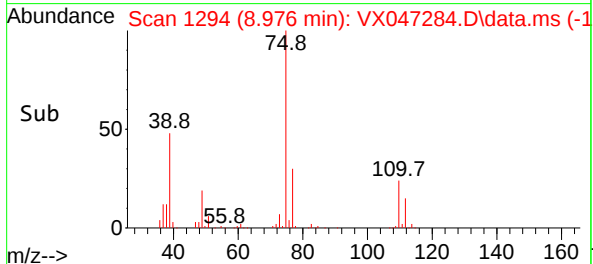
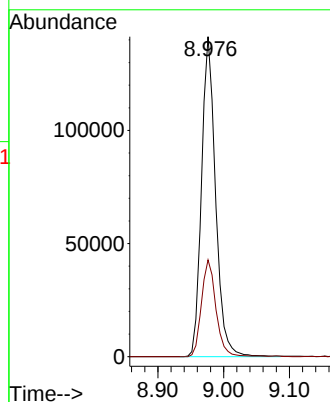
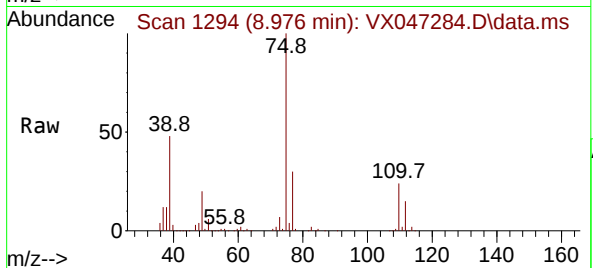
77 30.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#54

cis-1,3-Dichloropropene

Concen: 51.782 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

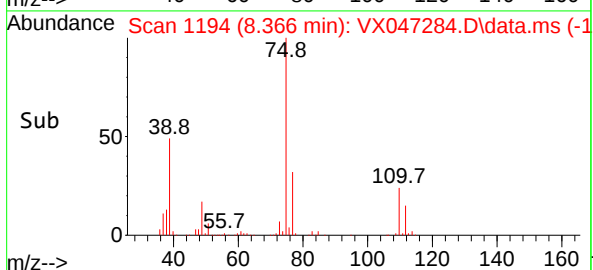
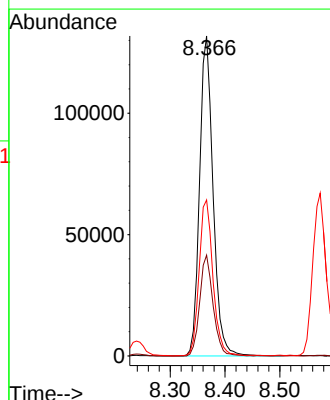
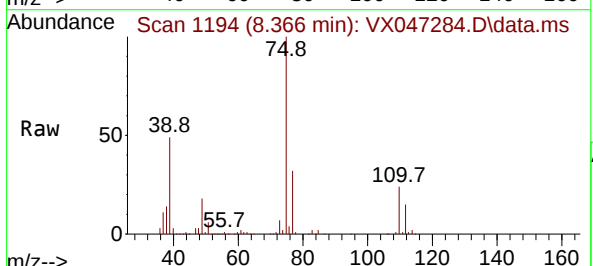
Tgt Ion: 75 Resp: 225848

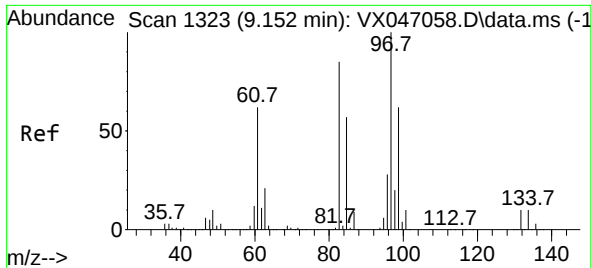
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

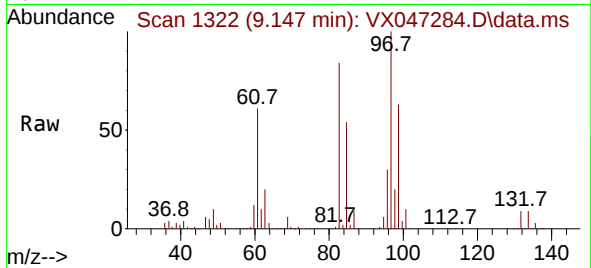
39 48.1 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 52.358 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

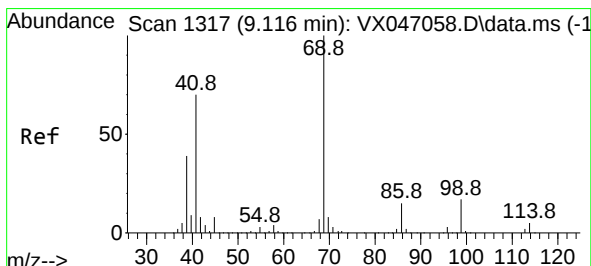
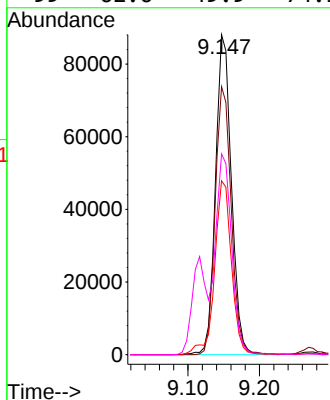
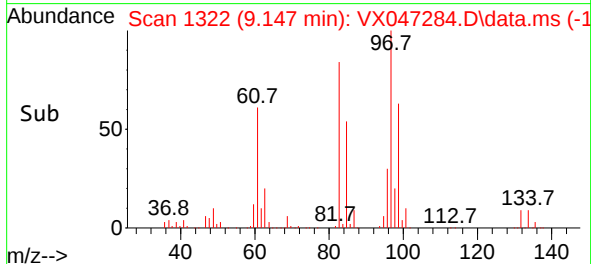
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



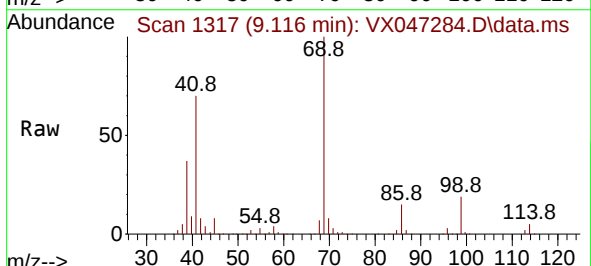
Tgt Ion: 97 Resp: 136289
Ion Ratio Lower Upper
97 100
83 83.7 68.0 102.0
85 54.3 45.2 67.8
99 62.6 49.9 74.9

Manual Integrations
APPROVED

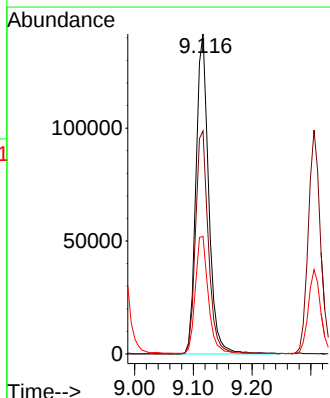
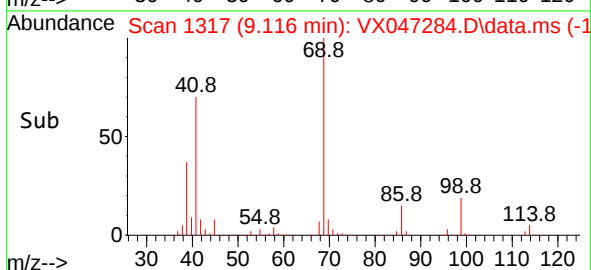
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

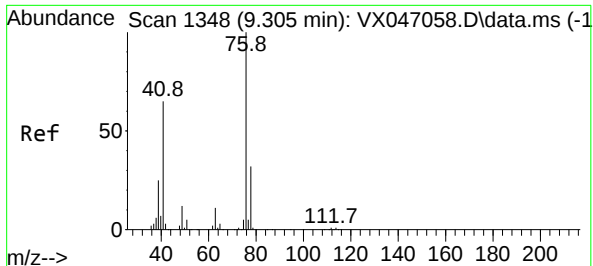


#56
Ethyl methacrylate
Concen: 55.430 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53



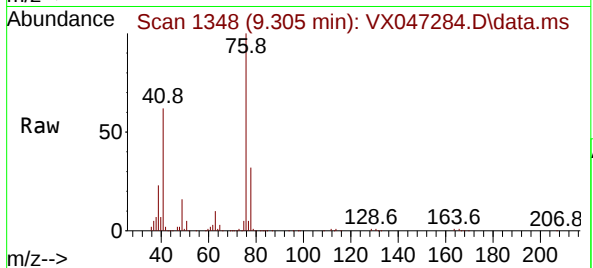
Tgt Ion: 69 Resp: 213603
Ion Ratio Lower Upper
69 100
41 70.4 56.1 84.1
39 37.4 31.1 46.7





#57
1,3-Dichloropropane
Concen: 51.654 ug/l
RT: 9.305 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

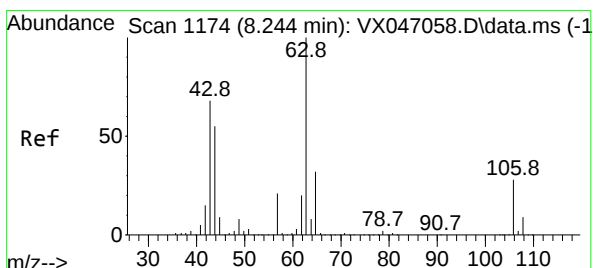
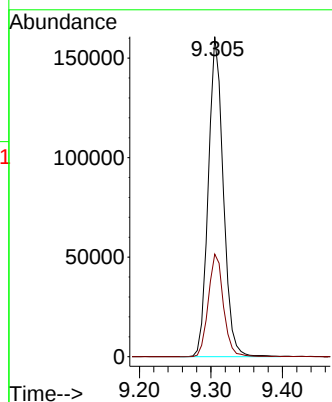
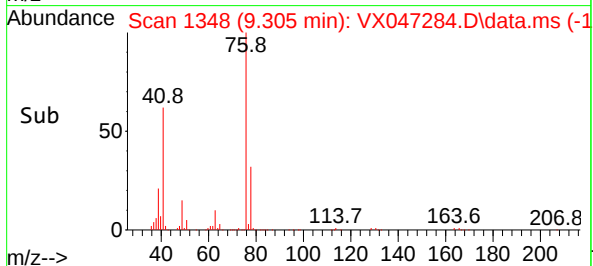
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 23368
Ion Ratio Lower Upper
76 100
78 32.5 25.5 38.3

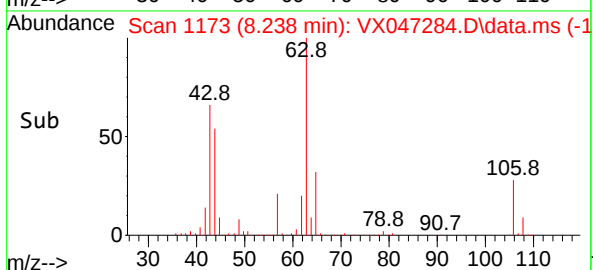
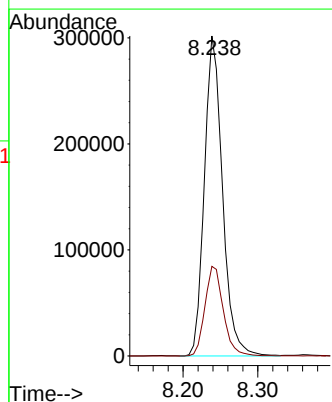
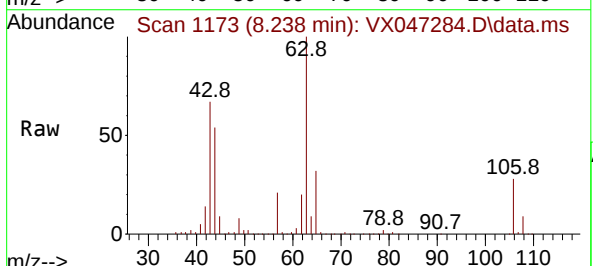
Manual Integrations
APPROVED

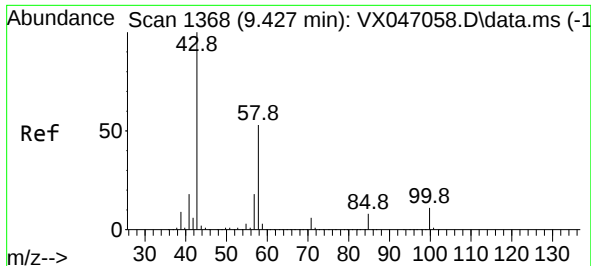
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 236.756 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 63 Resp: 507700
Ion Ratio Lower Upper
63 100
106 28.4 22.2 33.4





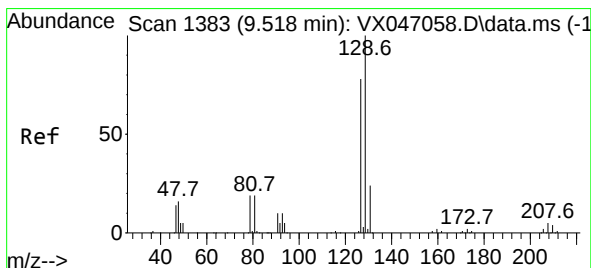
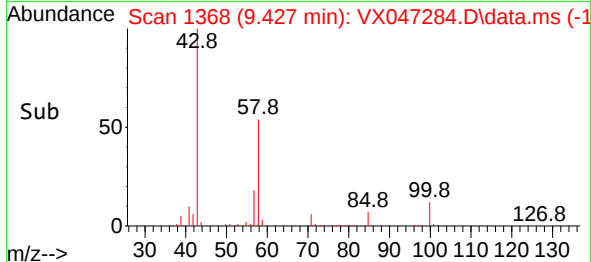
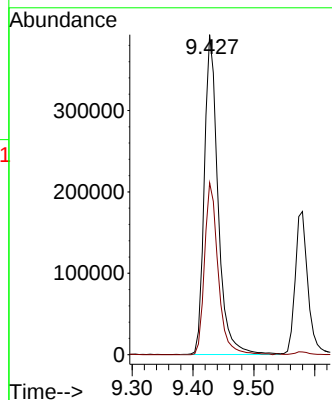
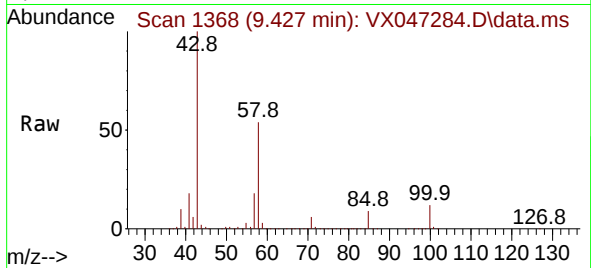
#59
2-Hexanone
Concen: 279.986 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 61608
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.5

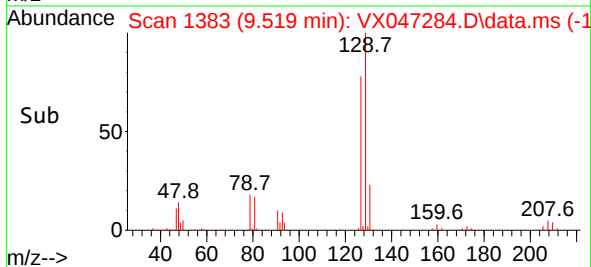
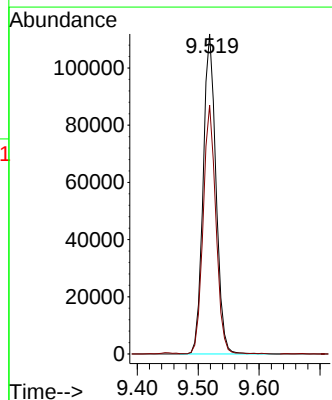
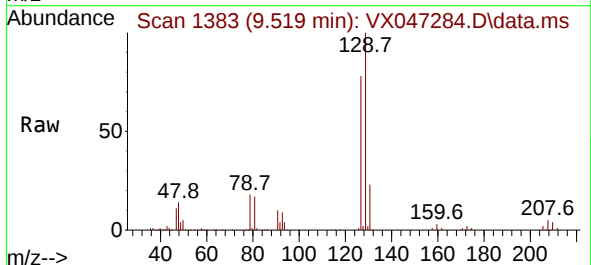
Manual Integrations
APPROVED

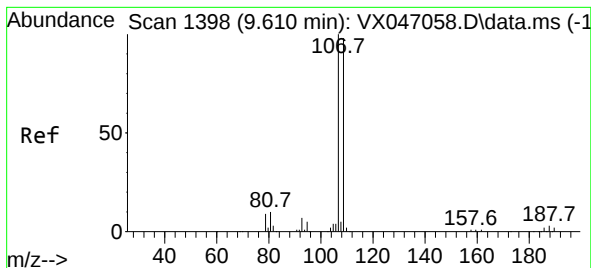
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#60
Dibromochloromethane
Concen: 53.664 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

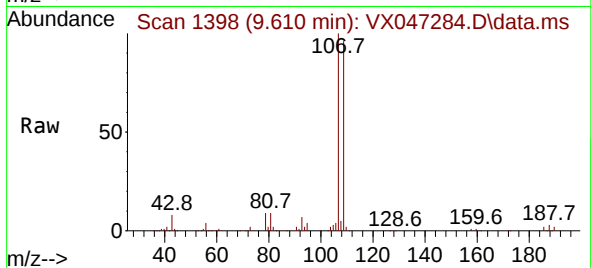
Tgt Ion:129 Resp: 163831
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 51.802 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

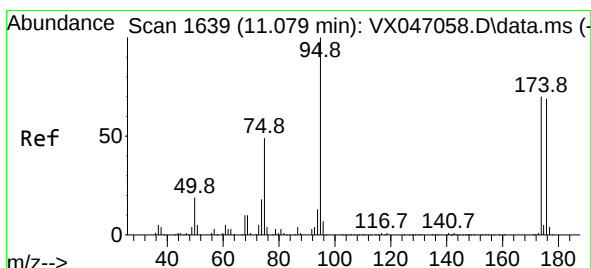
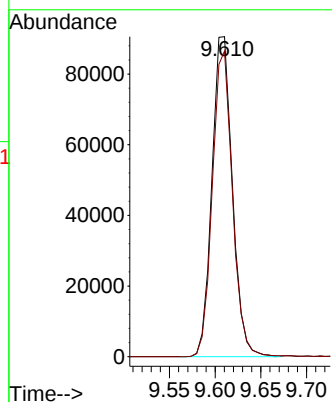
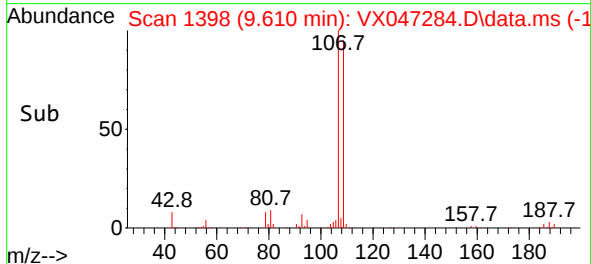
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



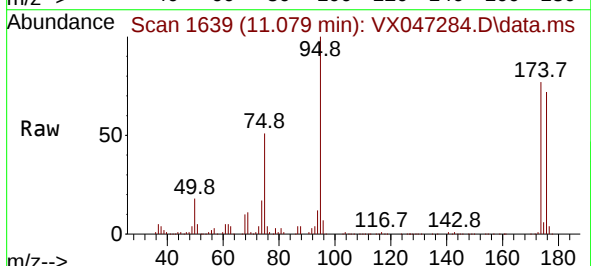
Tgt Ion:107 Resp: 140997
Ion Ratio Lower Upper
107 100
109 94.0 74.6 112.0

Manual Integrations
APPROVED

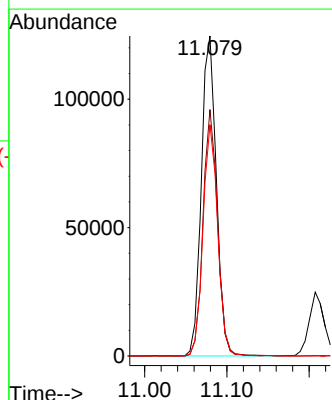
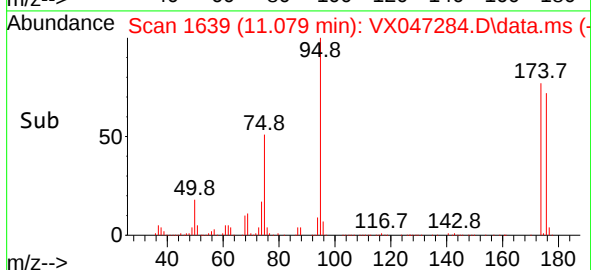
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

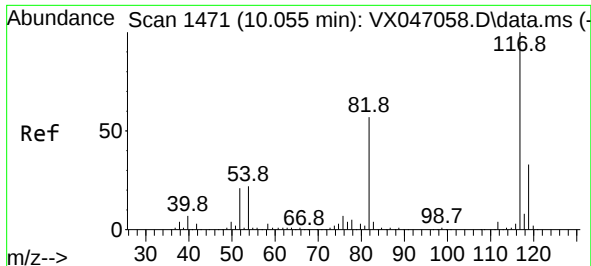


#62
4-Bromofluorobenzene
Concen: 49.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53



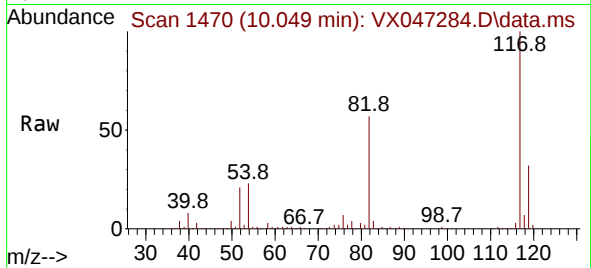
Tgt Ion: 95 Resp: 158071
Ion Ratio Lower Upper
95 100
174 74.1 0.0 144.6
176 70.7 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

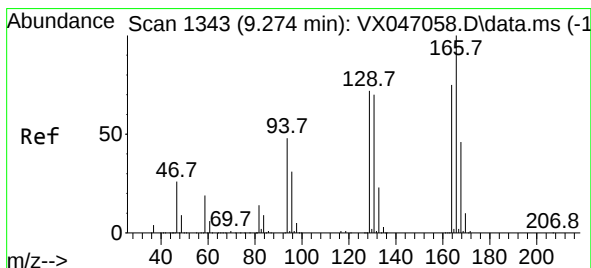
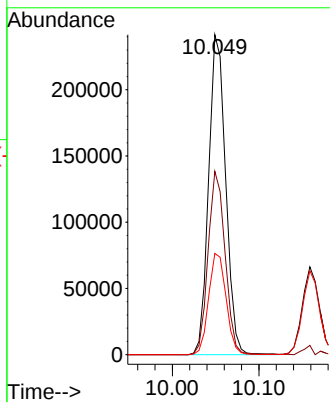
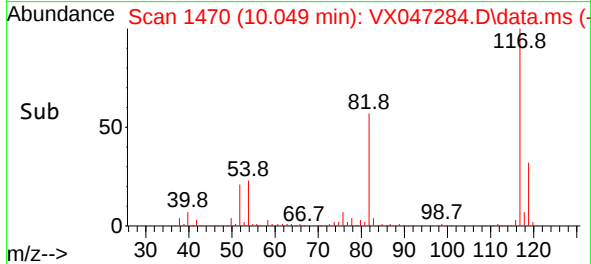
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 329997
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.2
119 31.7 26.1 39.1

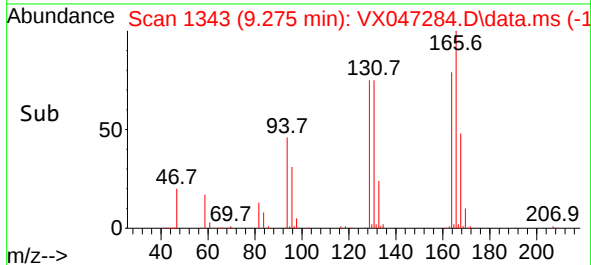
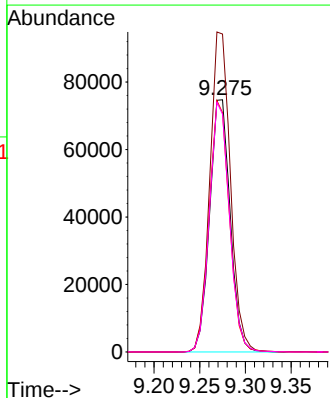
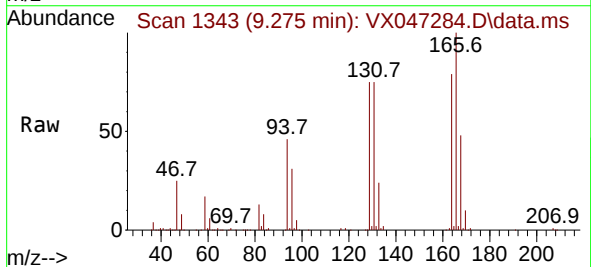
Manual Integrations
APPROVED

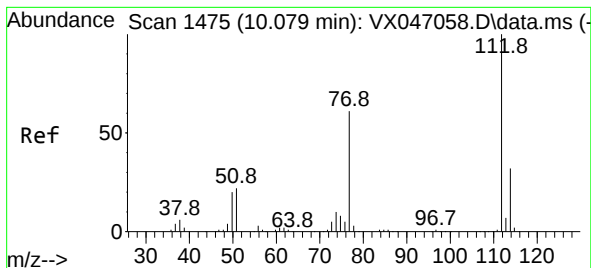
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#64
Tetrachloroethene
Concen: 48.805 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

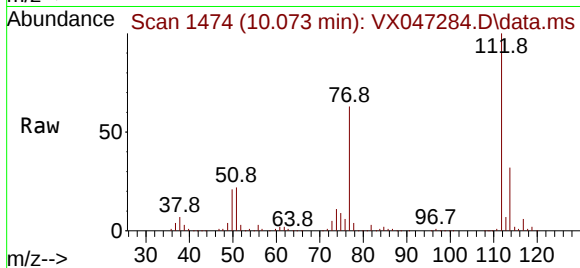
Tgt Ion:164 Resp: 116103
Ion Ratio Lower Upper
164 100
166 126.1 106.2 159.4
129 94.9 76.6 114.8
131 94.3 74.4 111.6





#65
Chlorobenzene
Concen: 49.749 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

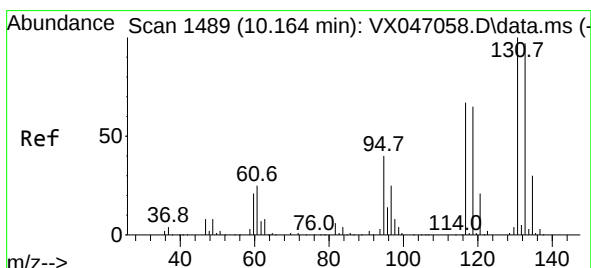
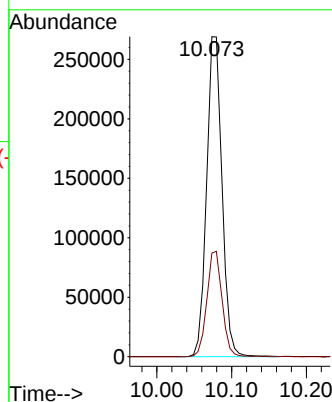
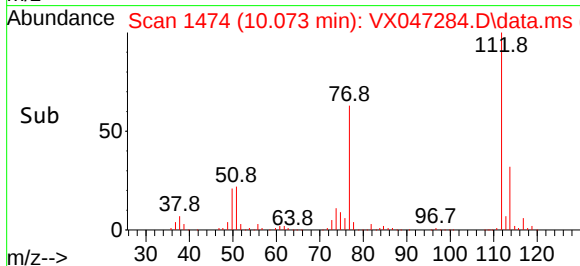
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 384598
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

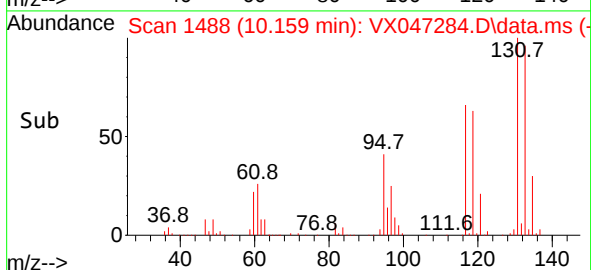
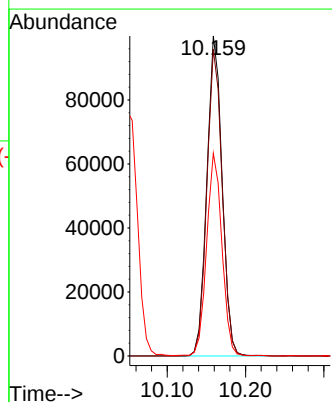
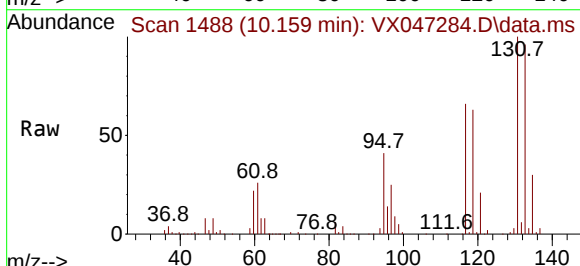
Manual Integrations
APPROVED

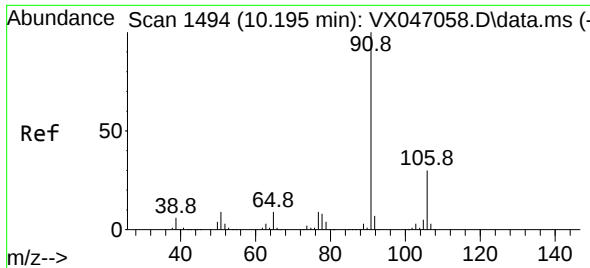
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.903 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

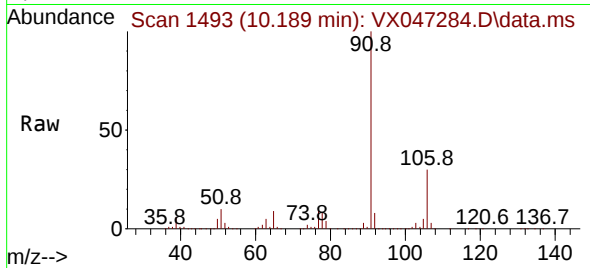
Tgt Ion:131 Resp: 135093
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.3
119 63.2 32.4 97.0





#67
Ethyl Benzene
Concen: 50.181 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

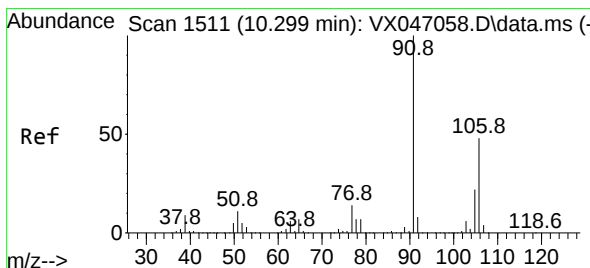
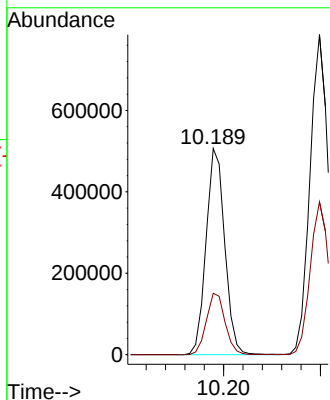
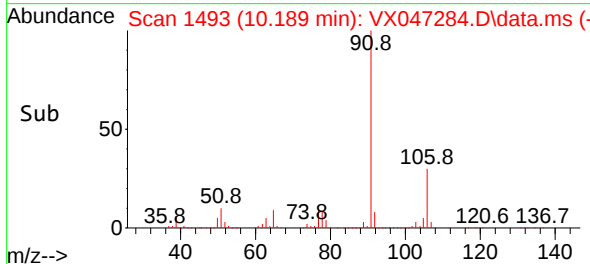
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 678292
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4

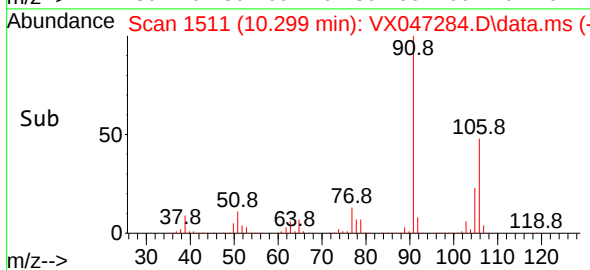
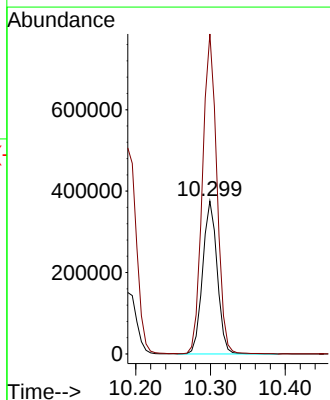
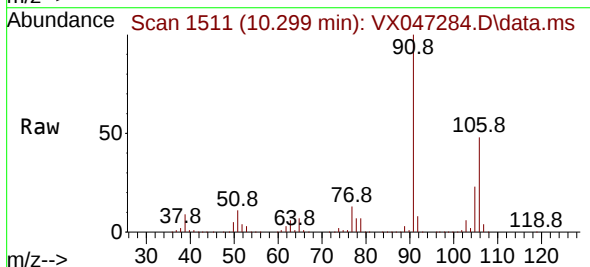
Manual Integrations
APPROVED

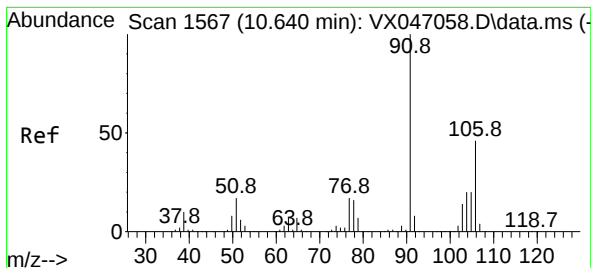
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#68
m/p-Xylenes
Concen: 100.400 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion:106 Resp: 507852
Ion Ratio Lower Upper
106 100
91 207.8 167.4 251.0





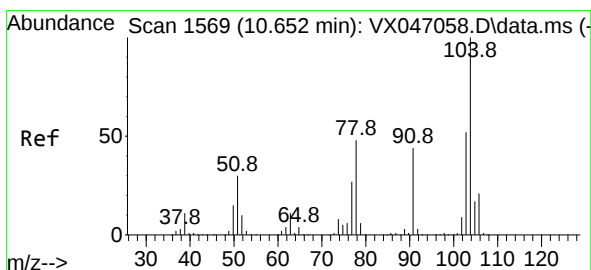
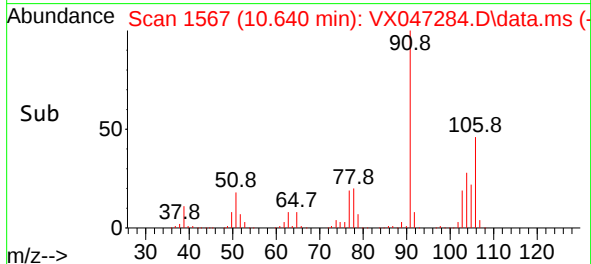
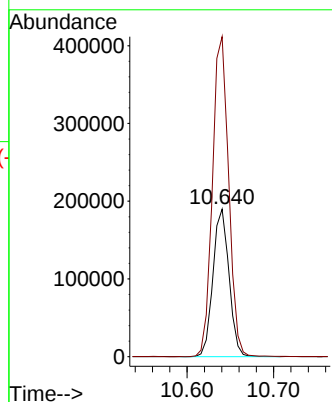
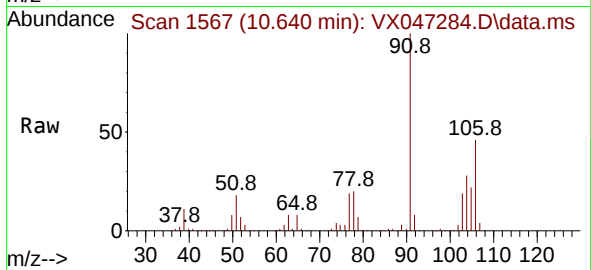
#69
o-Xylene
Concen: 50.835 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 24462
Ion Ratio Lower Upper
106 100
91 219.5 110.3 331.0

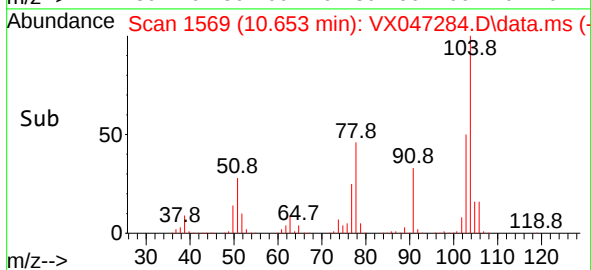
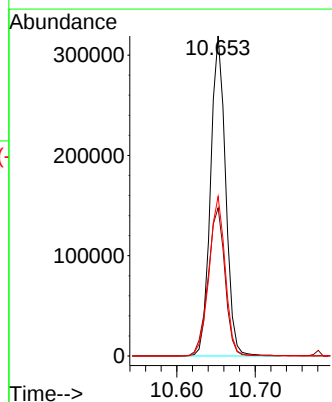
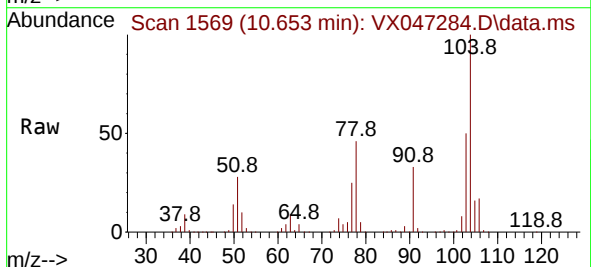
Manual Integrations
APPROVED

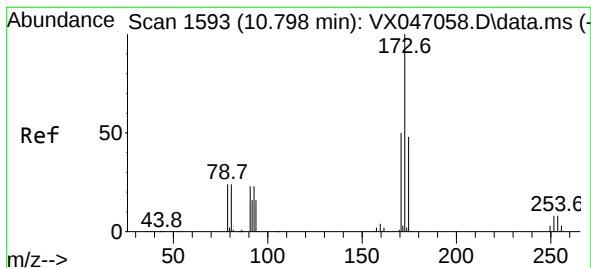
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#70
Styrene
Concen: 51.604 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

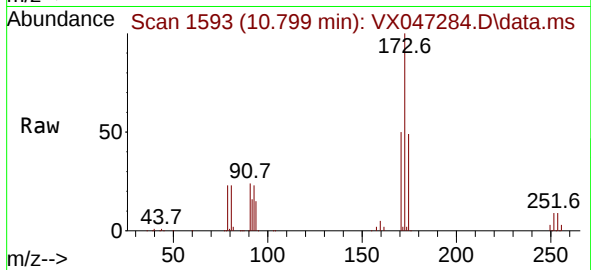
Tgt Ion:104 Resp: 425811
Ion Ratio Lower Upper
104 100
78 51.7 42.0 63.0
103 53.6 43.8 65.6





#71
Bromoform
Concen: 53.462 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

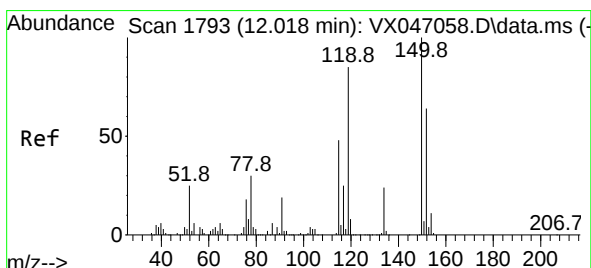
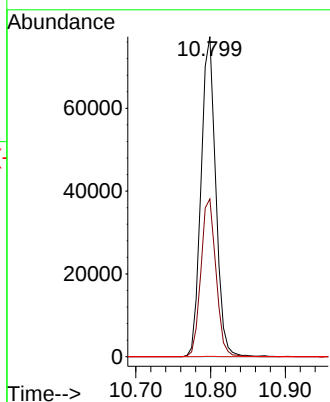
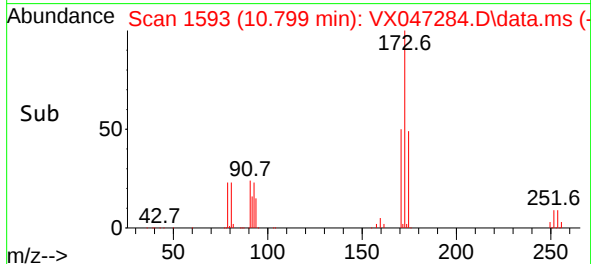
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



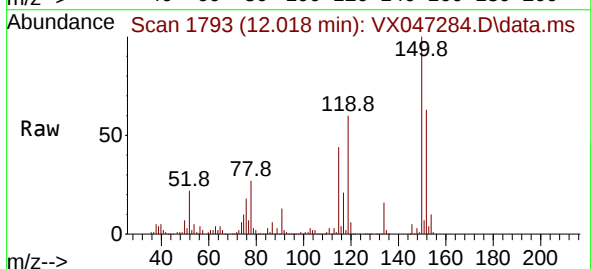
Tgt Ion:173 Resp: 105702
Ion Ratio Lower Upper
173 100
175 50.5 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

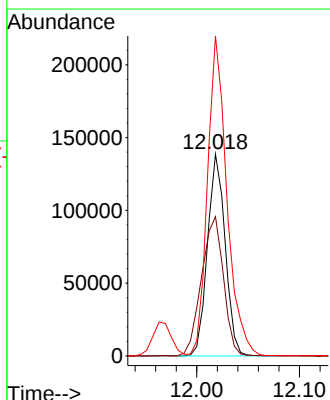
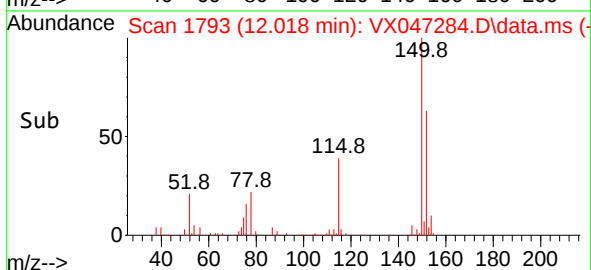
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

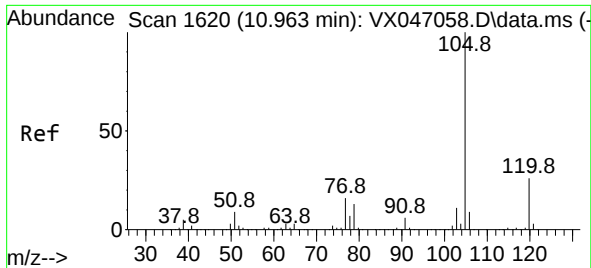


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53



Tgt Ion:152 Resp: 165820
Ion Ratio Lower Upper
152 100
115 86.1 45.6 136.7
150 173.5 0.0 354.6





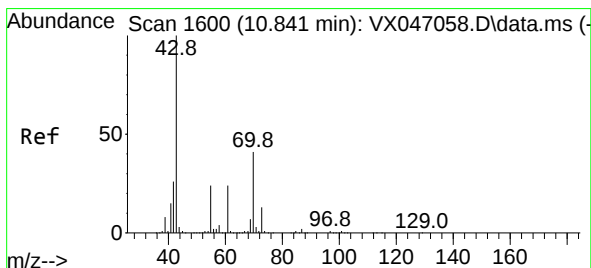
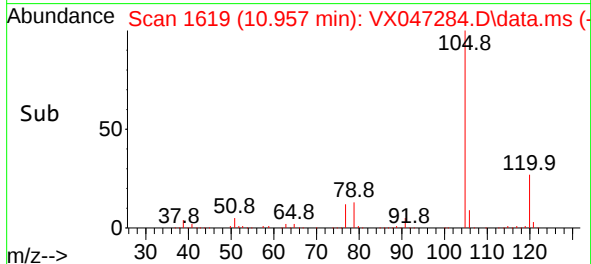
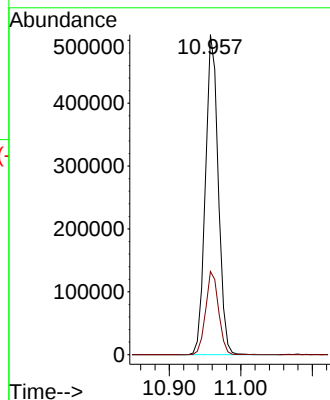
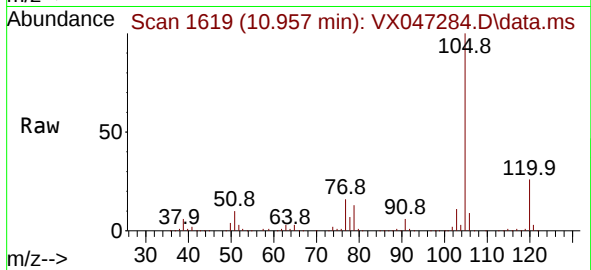
#73
Isopropylbenzene
Concen: 48.515 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 63468
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7

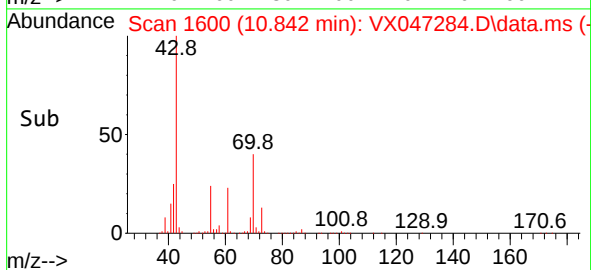
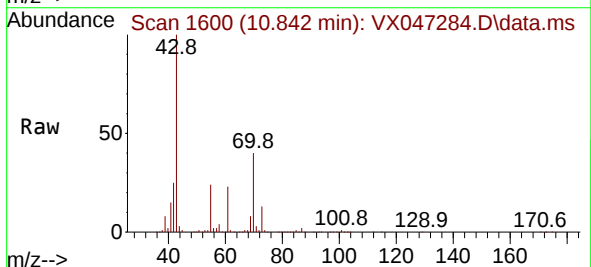
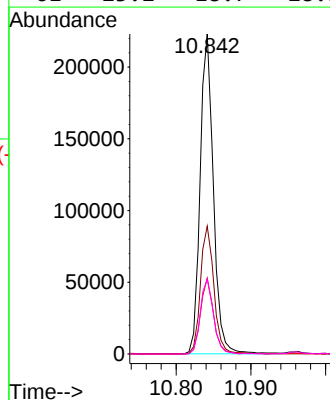
Manual Integrations
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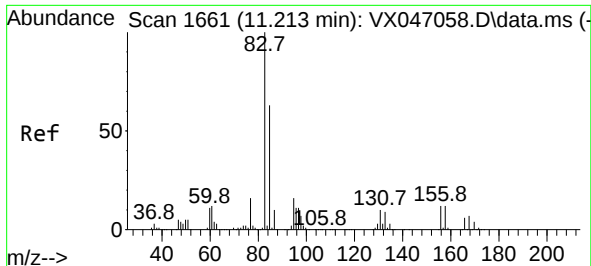
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#74
N-ethyl acetate
Concen: 51.971 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

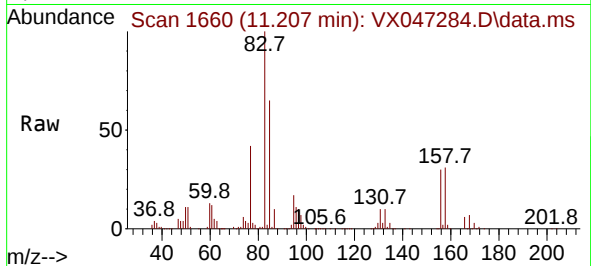
Tgt Ion: 43 Resp: 274324
Ion Ratio Lower Upper
43 100
70 40.6 32.3 48.5
55 23.5 18.9 28.3
61 23.2 18.7 28.1





#75
1,1,2,2-Tetrachloroethane
Concen: 50.649 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

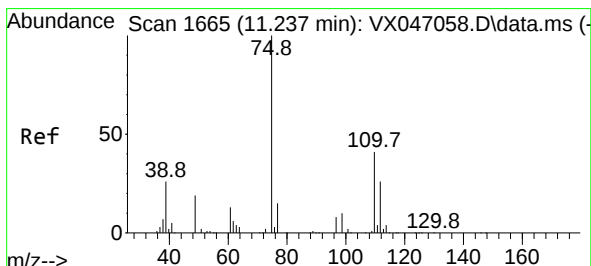
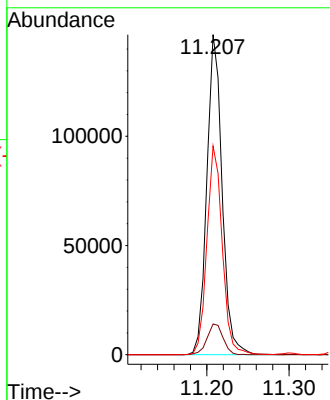
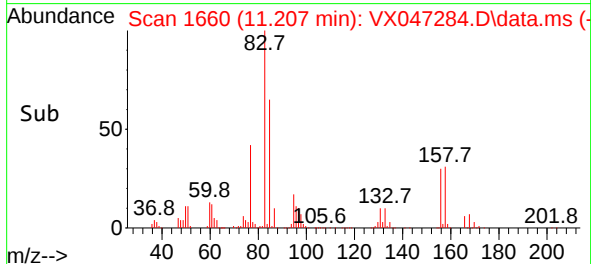
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 189270
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 65.3 32.0 96.2

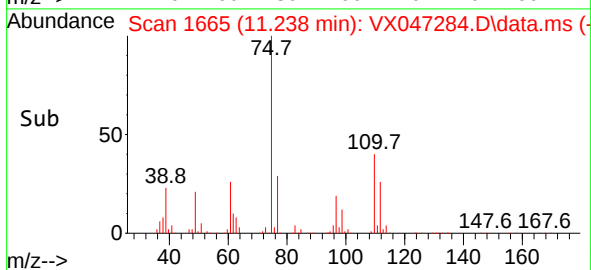
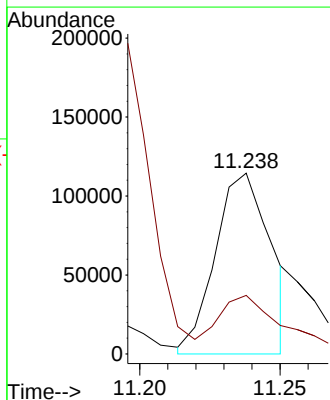
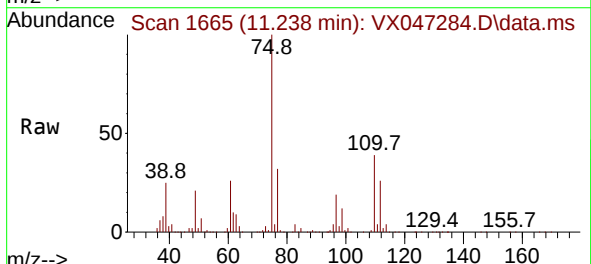
Manual Integrations
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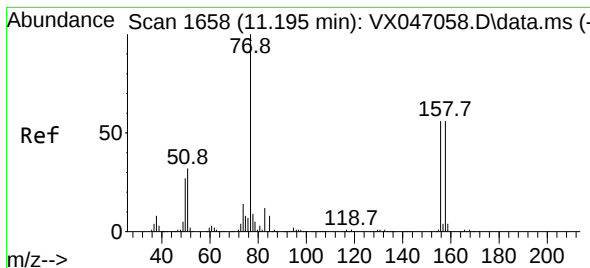
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#76
1,2,3-Trichloropropane
Concen: 51.158 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Tgt Ion: 75 Resp: 157017
Ion Ratio Lower Upper
75 100
77 39.3 21.6 65.0





#77

Bromobenzene

Concen: 49.428 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

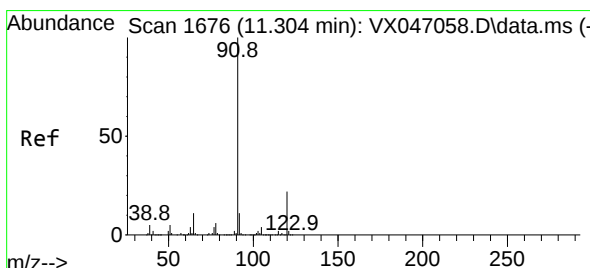
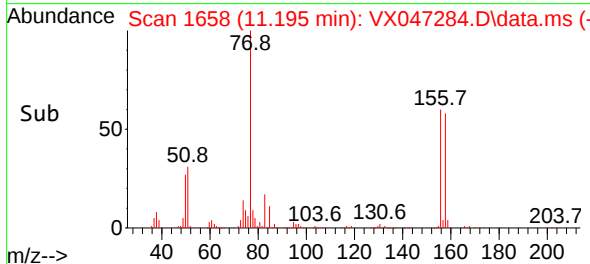
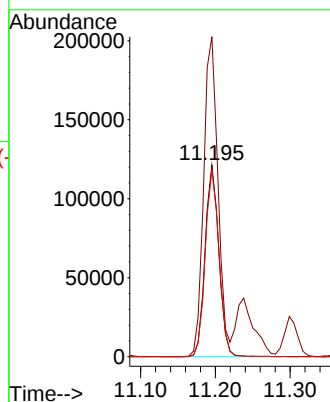
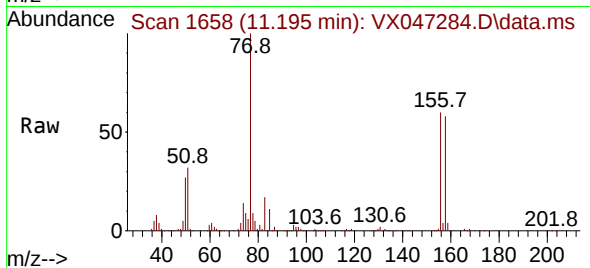
Tgt Ion:156 Resp: 155095
 Ion Ratio Lower Upper
 156 100
 77 173.1 87.3 261.9
 158 97.6 48.9 146.6

Manual Integrations

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Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#78

n-propylbenzene

Concen: 48.268 ug/l

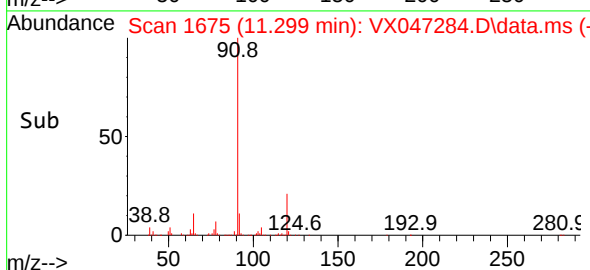
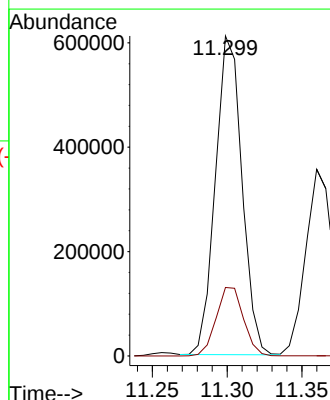
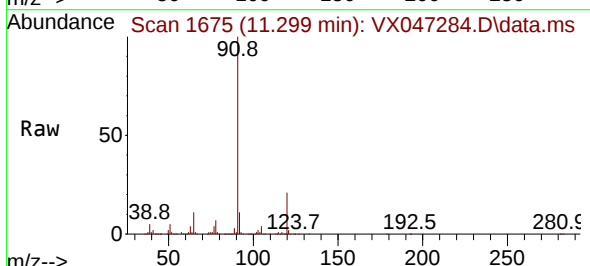
RT: 11.299 min Scan# 1675

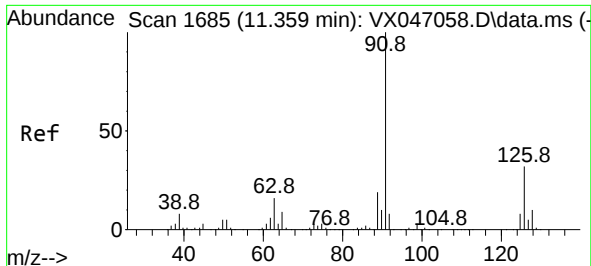
Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Tgt Ion: 91 Resp: 754576
 Ion Ratio Lower Upper
 91 100
 120 22.2 11.0 33.0





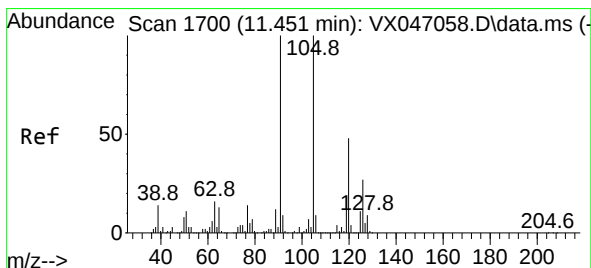
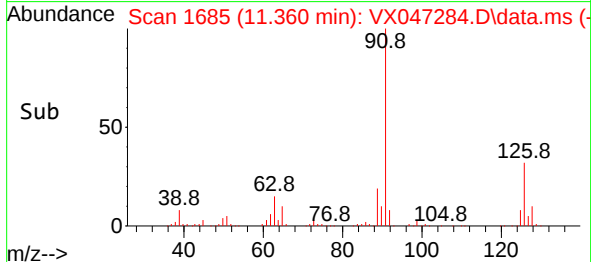
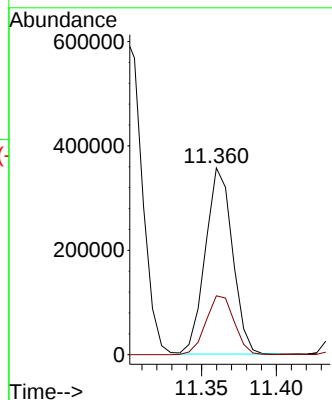
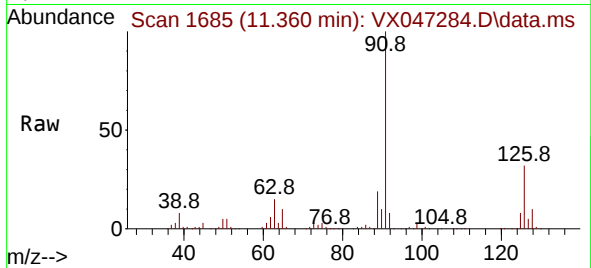
#79
2-Chlorotoluene
Concen: 48.283 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 451205
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4

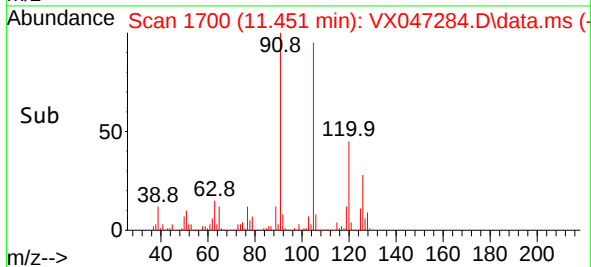
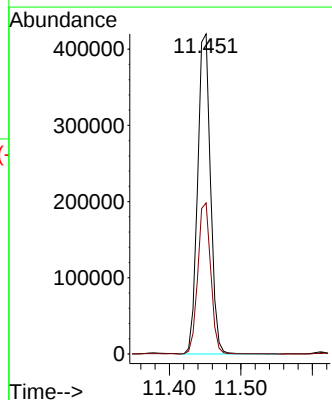
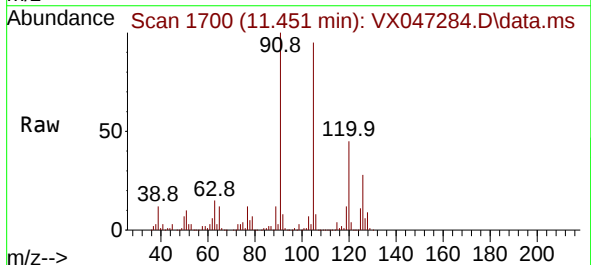
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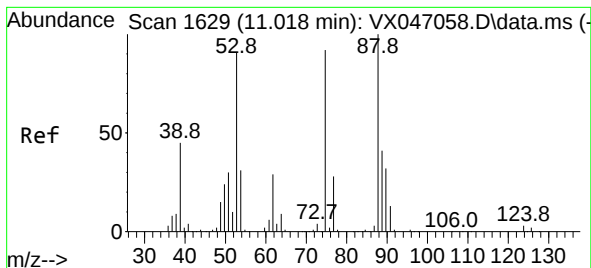
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.423 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

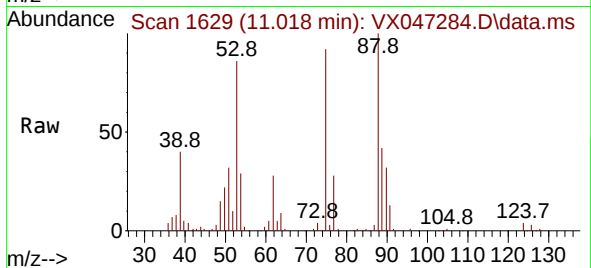
Tgt Ion:105 Resp: 523346
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 32.932 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

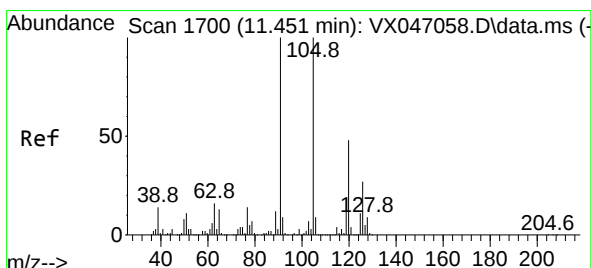
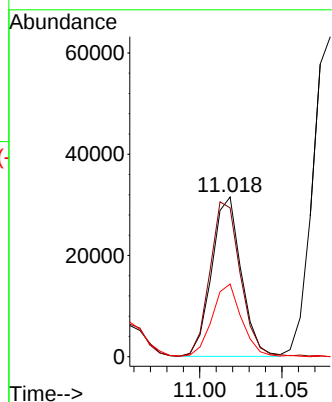
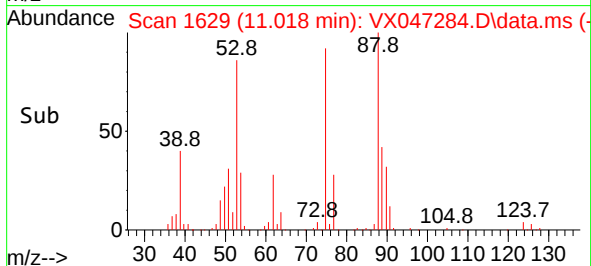
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 3923
Ion Ratio Lower Upper
75 100
53 101.2 84.2 126.4
89 46.0 36.0 54.0

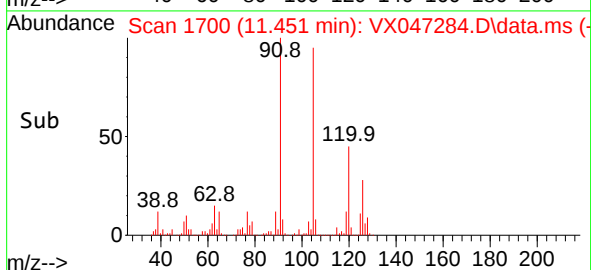
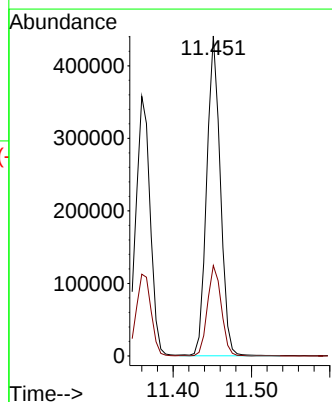
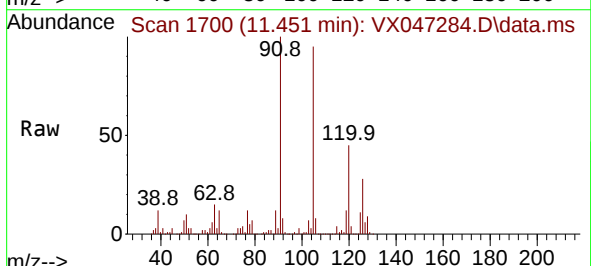
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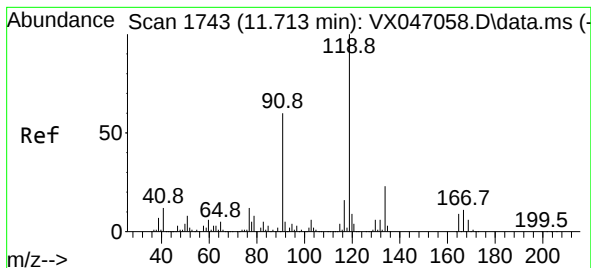
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#82
4-Chlorotoluene
Concen: 48.570 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

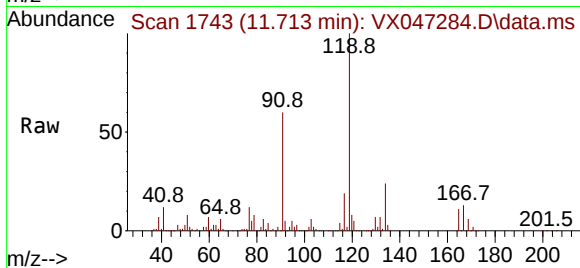
Tgt Ion: 91 Resp: 529783
Ion Ratio Lower Upper
91 100
126 28.9 14.1 42.3





#83
 tert-Butylbenzene
 Concen: 48.579 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53

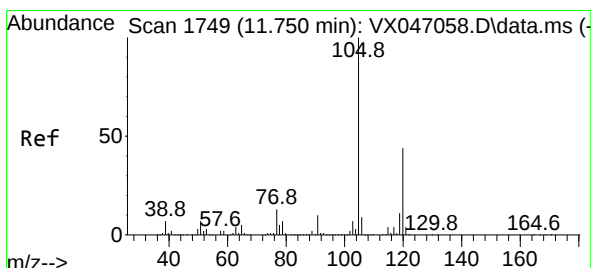
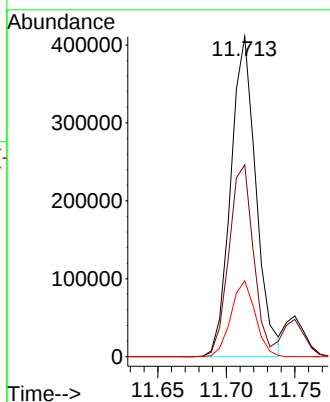
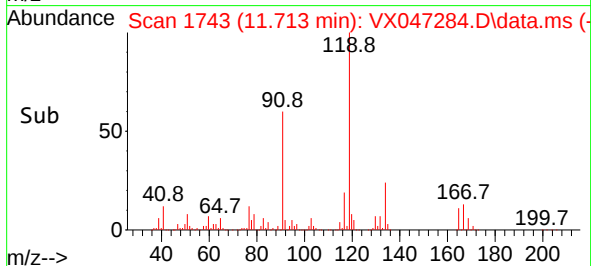
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



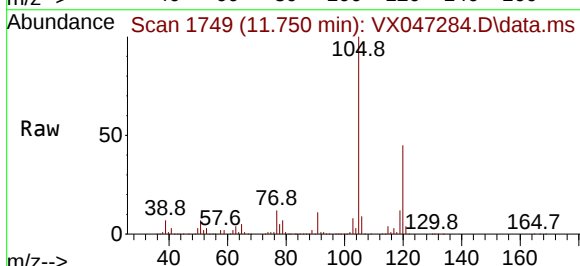
Tgt Ion:119 Resp: 52697
 Ion Ratio Lower Upper
 119 100
 91 58.2 29.6 88.8
 134 22.9 11.4 34.1

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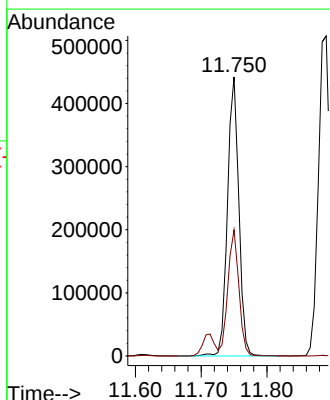
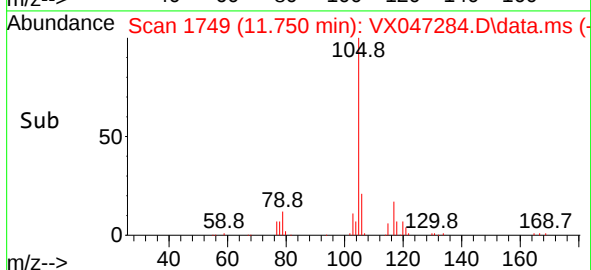
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

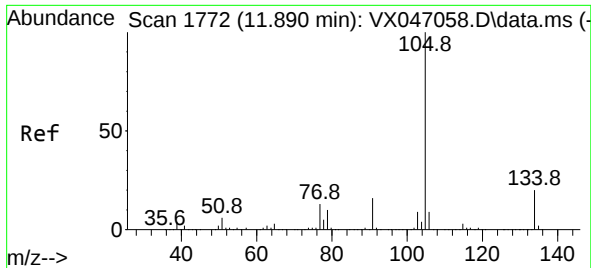


#84
 1,2,4-Trimethylbenzene
 Concen: 49.223 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53



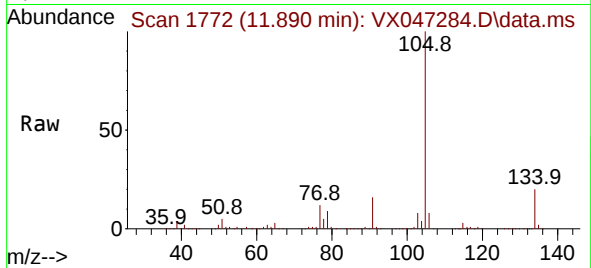
Tgt Ion:105 Resp: 530631
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 47.364 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53

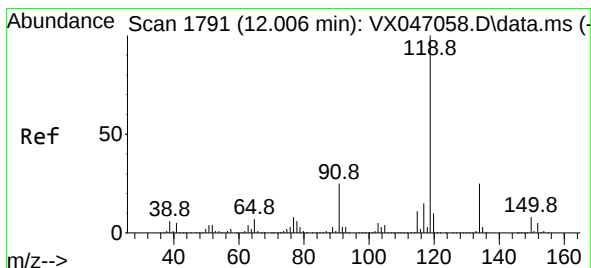
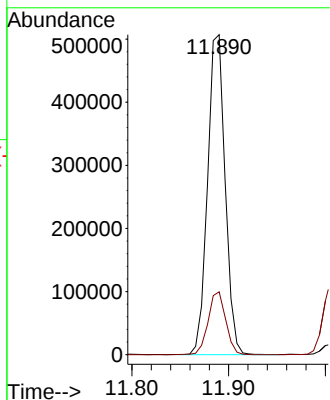
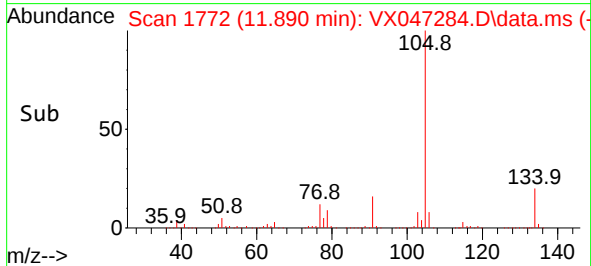
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



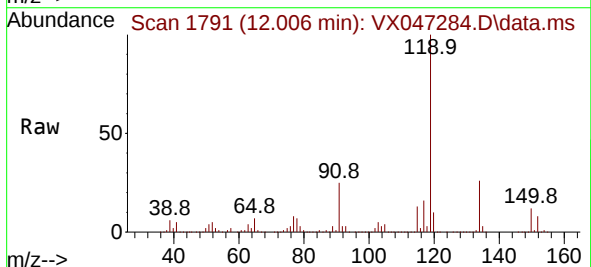
Tgt Ion:105 Resp: 641960
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7

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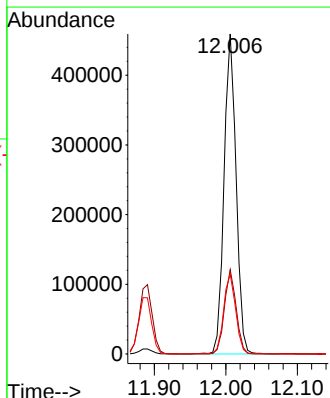
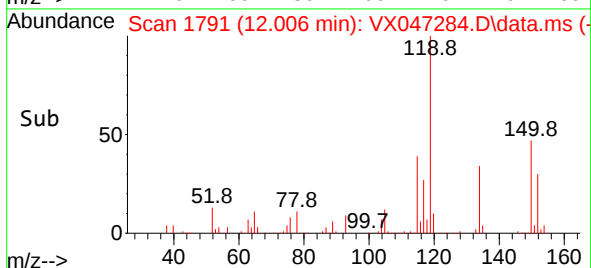
Reviewed By :John Carlone 08/13/2025
 Supervised By :Mahesh Dadoda 08/14/2025

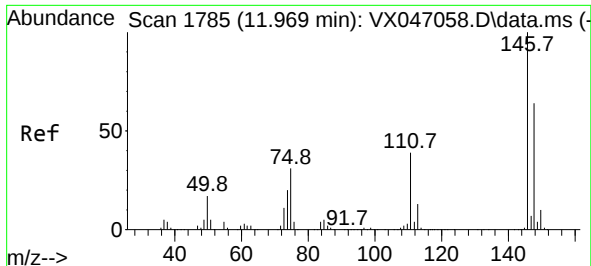


#86
 p-Isopropyltoluene
 Concen: 47.765 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047284.D
 Acq: 12 Aug 2025 09:53



Tgt Ion:119 Resp: 536874
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 25.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.591 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 289704

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

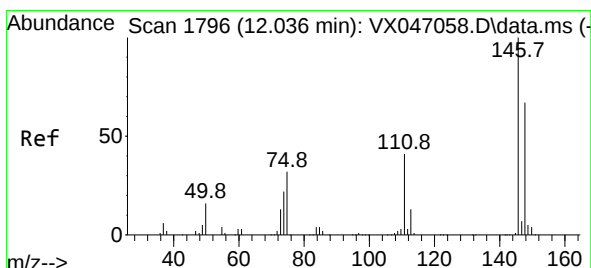
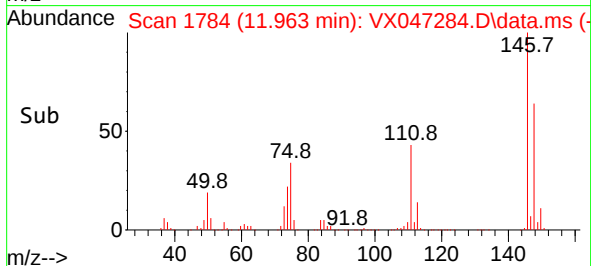
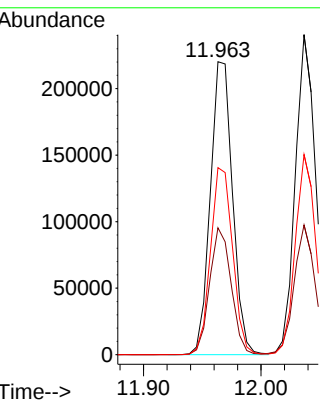
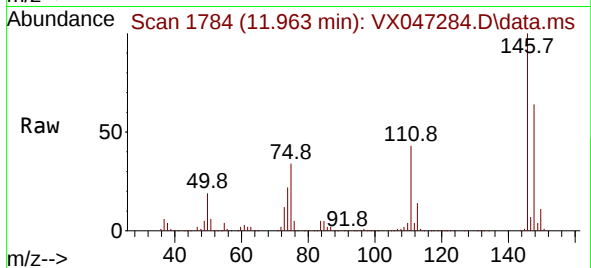
148 63.6 32.0 96.0

Manual Integrations

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Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#88

1,4-Dichlorobenzene

Concen: 48.252 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

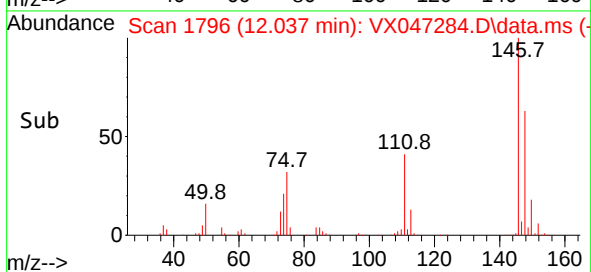
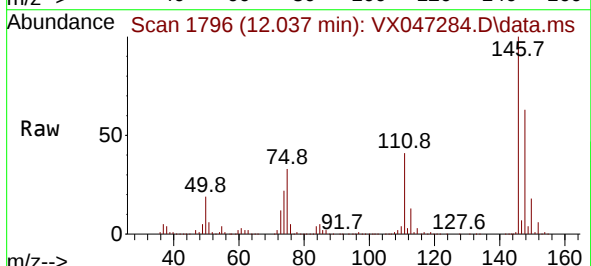
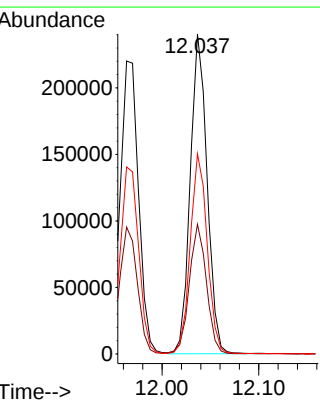
Tgt Ion:146 Resp: 291463

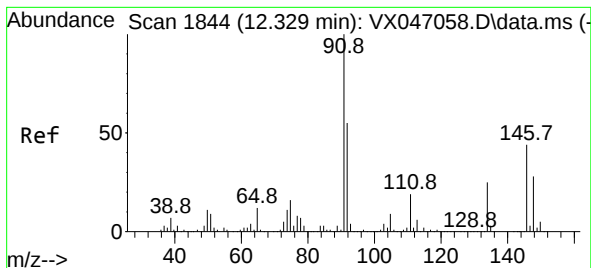
Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.9

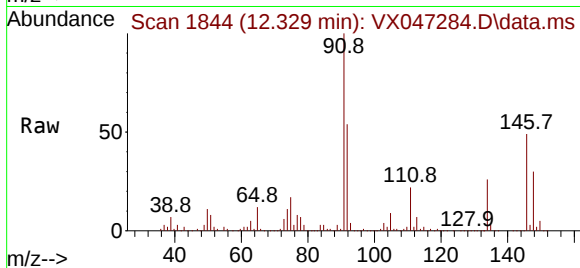
148 63.3 33.0 98.9





#89
n-Butylbenzene
Concen: 47.076 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.001 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

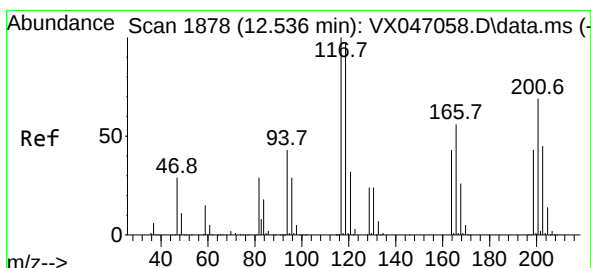
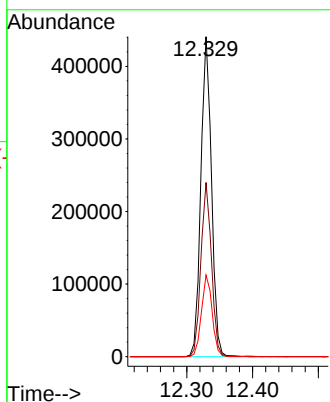
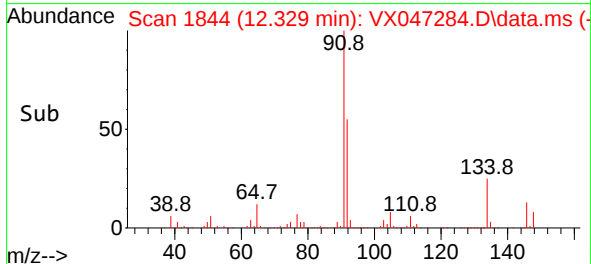
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 496208
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.5
134 25.6 12.8 38.3

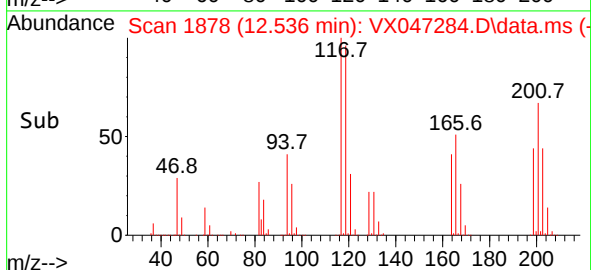
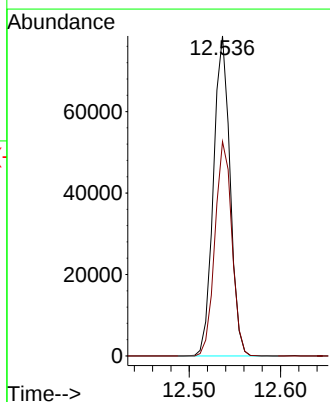
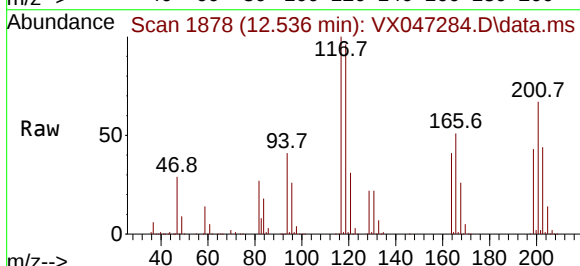
Manual Integrations
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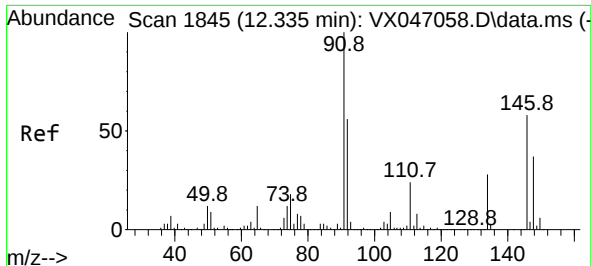
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#90
Hexachloroethane
Concen: 49.356 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

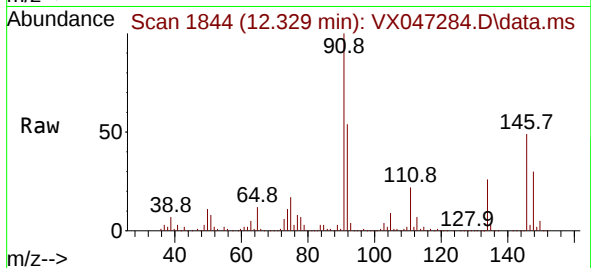
Tgt Ion:117 Resp: 99243
Ion Ratio Lower Upper
117 100
201 68.3 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 48.972 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

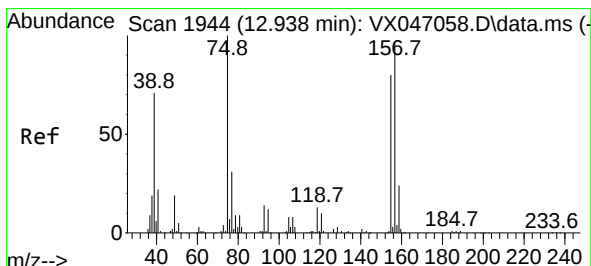
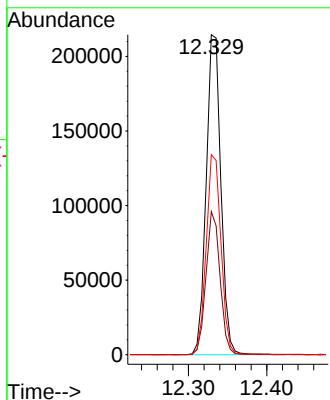
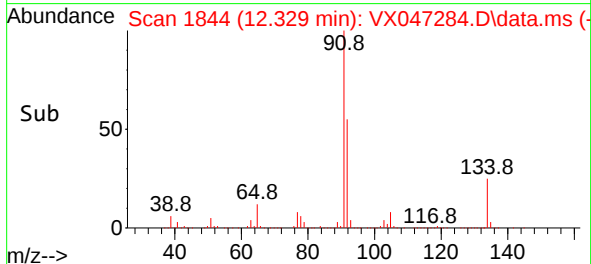
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



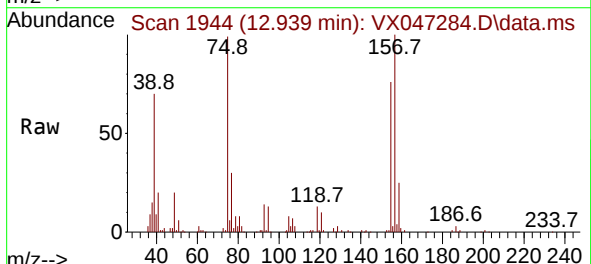
Tgt Ion:146 Resp: 27905
Ion Ratio Lower Upper
146 100
111 42.8 21.6 64.6
148 63.0 31.9 95.7

Manual Integrations
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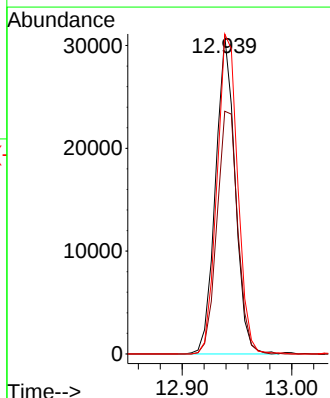
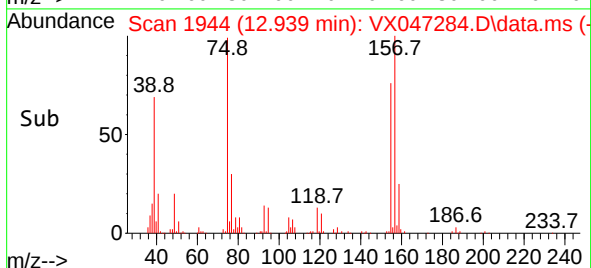
Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025

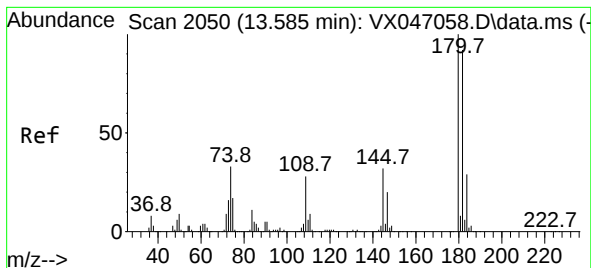


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.439 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53



Tgt Ion: 75 Resp: 38332
Ion Ratio Lower Upper
75 100
155 81.1 41.3 124.1
157 106.4 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 49.356 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 185818

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.8

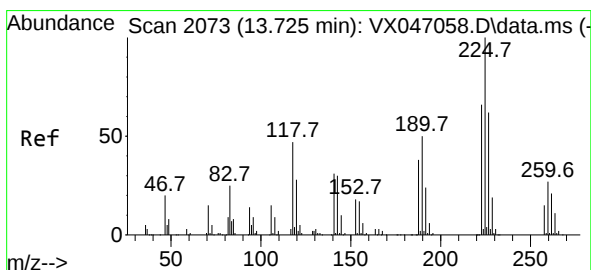
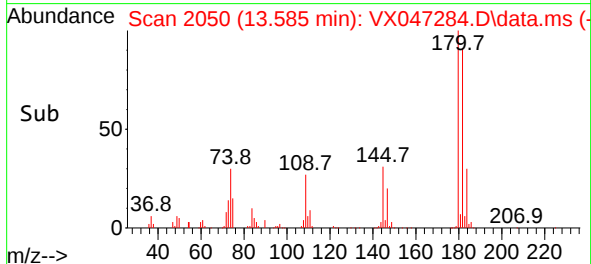
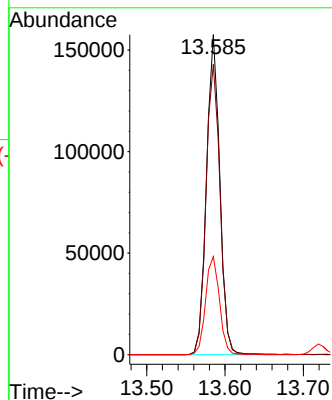
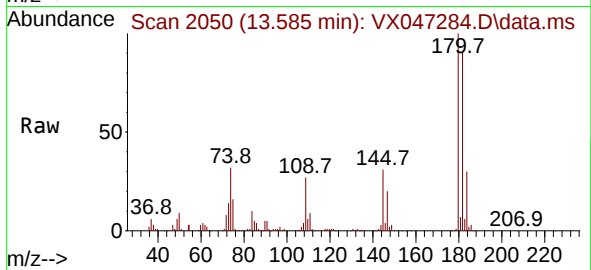
145 32.0 16.4 49.1

Manual Integrations

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Reviewed By :John Carlone 08/13/2025

Supervised By :Mahesh Dadoda 08/14/2025



#94

Hexachlorobutadiene

Concen: 46.820 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047284.D

Acq: 12 Aug 2025 09:53

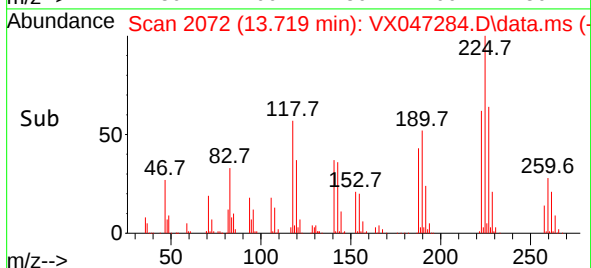
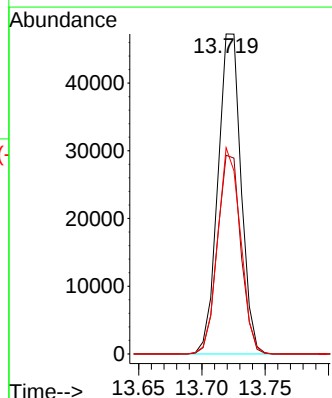
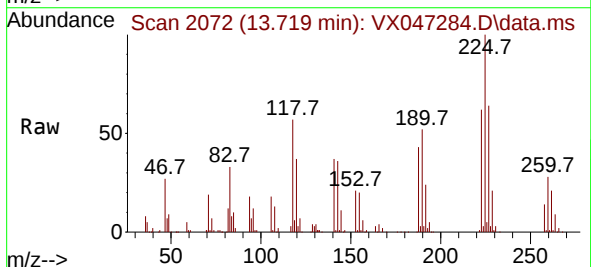
Tgt Ion:225 Resp: 59948

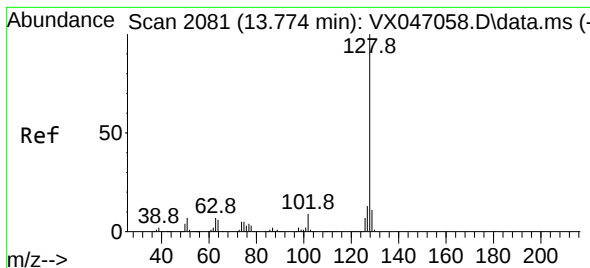
Ion Ratio Lower Upper

225 100

223 63.0 31.6 95.0

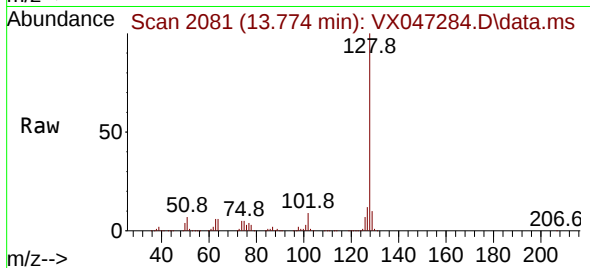
227 63.8 32.9 98.6





#95
Naphthalene
Concen: 51.047 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53

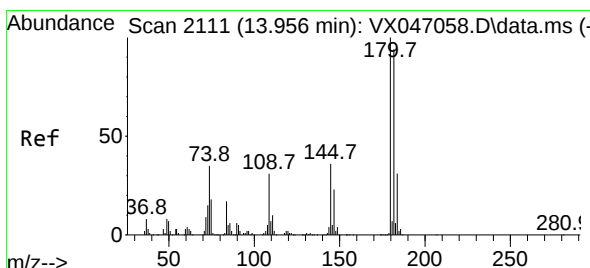
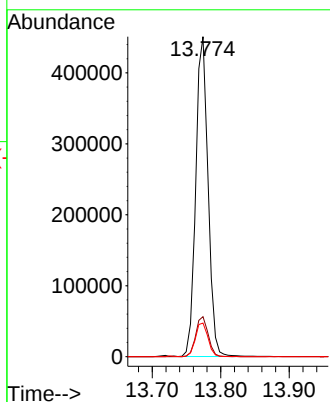
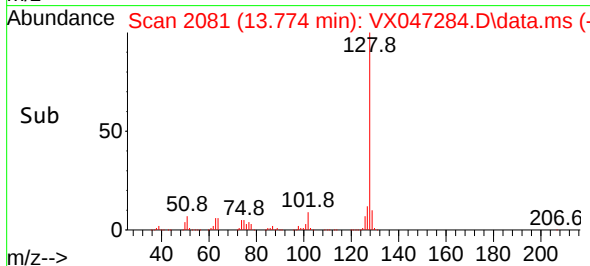
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



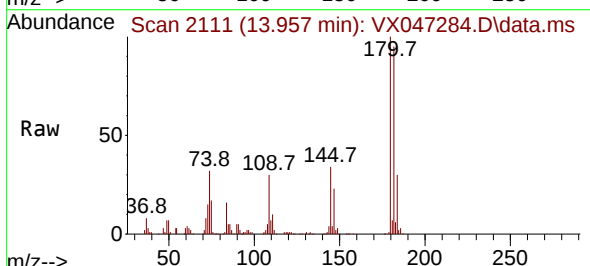
Tgt Ion:128 Resp: 563399
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 08/13/2025
Supervised By :Mahesh Dadoda 08/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.170 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047284.D
Acq: 12 Aug 2025 09:53



Tgt Ion:180 Resp: 174714
Ion Ratio Lower Upper
180 100
182 95.0 46.9 140.6
145 34.2 17.3 52.0

