

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080825\
 Data File : VX047263.D
 Acq On : 08 Aug 2025 11:04
 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 08/12/2025
 Supervised By : Mahesh Dadoda 08/12/2025

Quant Time: Aug 11 01:55:29 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	231247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	177002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152665	52.998	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.000%			
35) Dibromofluoromethane	5.391	113	130713	52.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.580%			
50) Toluene-d8	8.647	98	365195	45.110	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.220%#			
62) 4-Bromofluorobenzene	11.079	95	175814	50.394	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	154294	50.233	ug/l	98
3) Chloromethane	1.307	50	136156	44.813	ug/l	99
4) Vinyl Chloride	1.392	62	164247	50.289	ug/l	99
5) Bromomethane	1.624	94	71911	40.533	ug/l	95
6) Chloroethane	1.703	64	92423	43.086	ug/l	99
7) Trichlorofluoromethane	1.904	101	232408	47.721	ug/l	97
8) Diethyl Ether	2.142	74	91672	53.386	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	137841	46.978	ug/l	99
10) Methyl Iodide	2.465	142	228091	76.275	ug/l	98
11) Tert butyl alcohol	2.959	59	92358	275.312	ug/l #	84
12) 1,1-Dichloroethene	2.337	96	138506	47.660	ug/l	96
13) Acrolein	2.245	56	153095	246.829	ug/l	100
14) Allyl chloride	2.678	41	244065	46.460	ug/l	94
15) Acrylonitrile	3.075	53	360302	262.259	ug/l	100
16) Acetone	2.386	43	297586	257.878	ug/l	99
17) Carbon Disulfide	2.526	76	400921	47.687	ug/l	99
18) Methyl Acetate	2.709	43	174494	56.900	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	490729	55.484	ug/l	99
20) Methylene Chloride	2.800	84	162173	51.083	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	149125	50.145	ug/l	96
22) Diisopropyl ether	3.763	45	539008	53.368	ug/l	95
23) Vinyl Acetate	3.727	43	2263579	279.430	ug/l	100
24) 1,1-Dichloroethane	3.617	63	281839	50.183	ug/l	100
25) 2-Butanone	4.562	43	432527	257.412	ug/l	98
26) 2,2-Dichloropropane	4.489	77	205742	47.324	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	183158	52.011	ug/l	97
28) Bromochloromethane	4.904	49	133256	51.573	ug/l	98
29) Tetrahydrofuran	5.019	42	276863	255.374	ug/l	99
30) Chloroform	5.099	83	291249	50.945	ug/l	99
31) Cyclohexane	5.477	56	239879	44.545	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	242222	48.780	ug/l	98
36) 1,1-Dichloropropene	5.702	75	188588	44.257	ug/l	99
37) Ethyl Acetate	4.715	43	202555	51.587	ug/l	99
38) Carbon Tetrachloride	5.684	117	206875	45.487	ug/l	100
39) Methylcyclohexane	7.385	83	236926	44.533	ug/l	96
40) Benzene	6.044	78	599757	48.635	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	93566	45.575	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	223998	51.565	ug/l	99
43) Isopropyl Acetate	6.342	43	326436	53.328	ug/l	99
44) Trichloroethene	7.129	130	150146	47.480	ug/l	99
45) 1,2-Dichloropropane	7.434	63	153258	49.621	ug/l	96
46) Dibromomethane	7.580	93	115987	53.551	ug/l	99
47) Bromodichloromethane	7.818	83	238350	51.701	ug/l	100
48) Methyl methacrylate	7.696	41	168665	50.579	ug/l	99
49) 1,4-Dioxane	7.732	88	33177m	874.753	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	920319	252.947	ug/l	99
52) Toluene	8.720	92	368712	48.626	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	225767	51.860	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	246252	51.683	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	147145	51.745	ug/l	98
56) Ethyl methacrylate	9.116	69	227558	54.054	ug/l	100
57) 1,3-Dichloropropane	9.305	76	254703	51.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	578974	247.148	ug/l	100
59) 2-Hexanone	9.427	43	617131	256.730	ug/l	99
60) Dibromochloromethane	9.519	129	178055	53.388	ug/l	100
61) 1,2-Dibromoethane	9.610	107	151437	50.930	ug/l	98
64) Tetrachloroethene	9.275	164	118324	45.025	ug/l	98
65) Chlorobenzene	10.079	112	409612	47.963	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	144886	50.390	ug/l	99
67) Ethyl Benzene	10.189	91	707124	47.356	ug/l	100
68) m/p-Xylenes	10.299	106	526829	94.281	ug/l	100
69) o-Xylene	10.640	106	256952	48.337	ug/l	99
70) Styrene	10.652	104	455538	49.975	ug/l	99
71) Bromoform	10.799	173	111372	50.992	ug/l #	99
73) Isopropylbenzene	10.957	105	658316	47.143	ug/l	99
74) N-amyl acetate	10.841	43	277128	49.185	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	199045	49.900	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	166853m	50.928	ug/l	
77) Bromobenzene	11.195	156	165609	49.444	ug/l	99
78) n-propylbenzene	11.299	91	780436	46.768	ug/l	99
79) 2-Chlorotoluene	11.360	91	474112	47.530	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	545300	47.267	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	43870	34.499	ug/l	98
82) 4-Chlorotoluene	11.451	91	554152	47.595	ug/l	100
83) tert-Butylbenzene	11.713	119	551319	47.613	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	554881	48.221	ug/l	100
85) sec-Butylbenzene	11.890	105	669009	46.241	ug/l	100
86) p-Isopropyltoluene	12.006	119	565570	47.139	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	303368	47.668	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	302789	46.961	ug/l	98
89) n-Butylbenzene	12.329	91	527023	46.840	ug/l	99
90) Hexachloroethane	12.536	117	102837	47.912	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	288861	47.490	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39433	51.501	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	191541	47.662	ug/l	99
94) Hexachlorobutadiene	13.725	225	67223	49.185	ug/l	98
95) Naphthalene	13.774	128	603234	51.203	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	186271	48.112	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

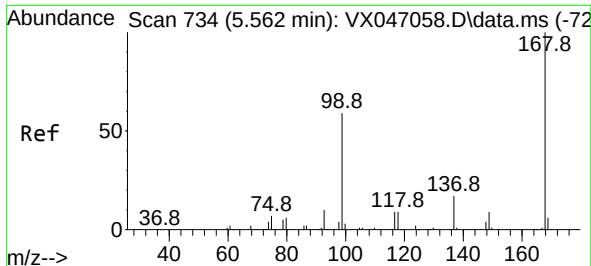
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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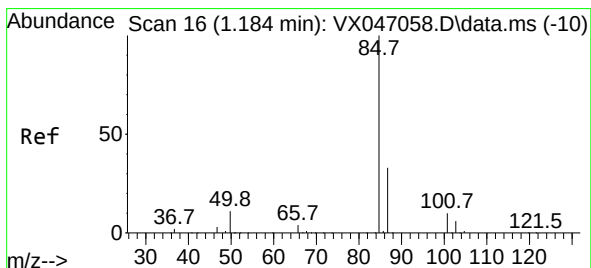
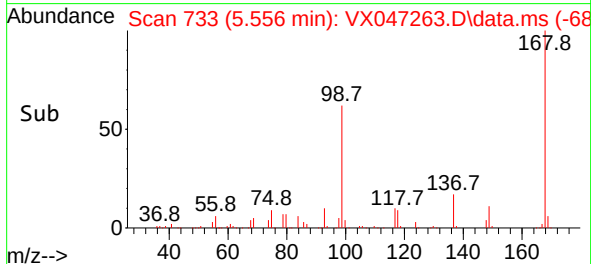
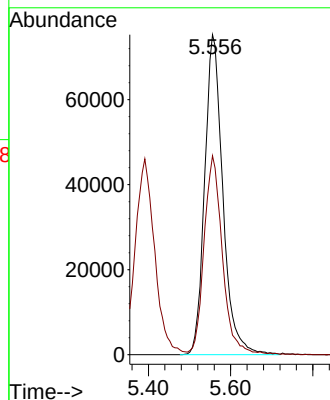
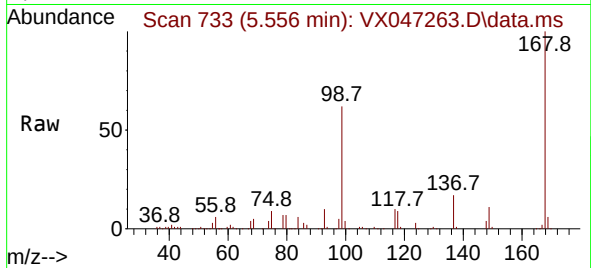
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 23124
Ion Ratio Lower Upper
168 100
99 62.1 48.0 72.0

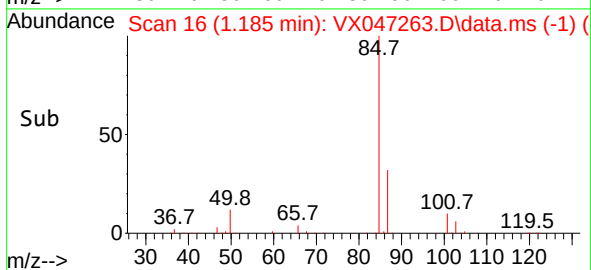
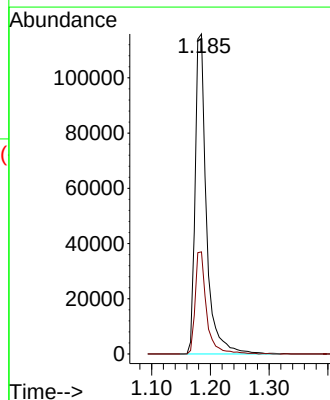
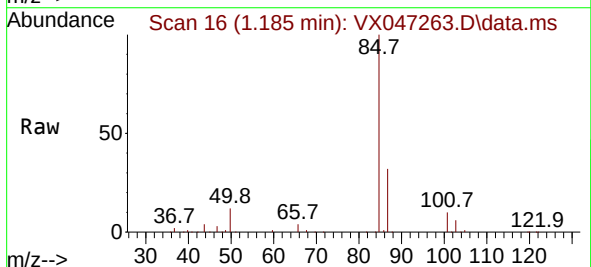
Manual Integrations
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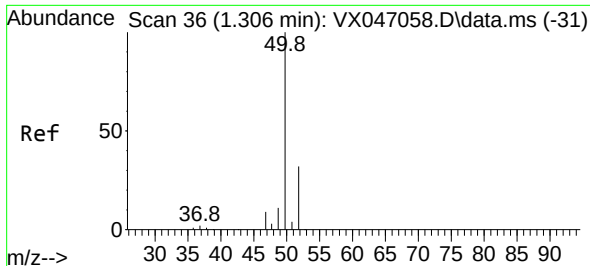
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#2
Dichlorodifluoromethane
Concen: 50.233 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

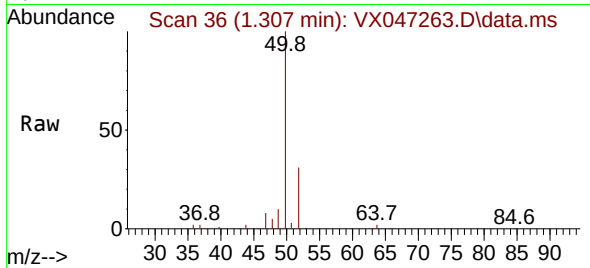
Tgt Ion: 85 Resp: 154294
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.8





#3
Chloromethane
Concen: 44.813 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

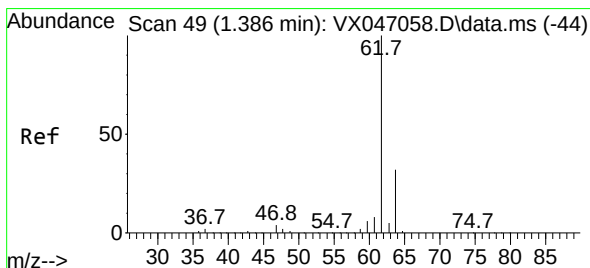
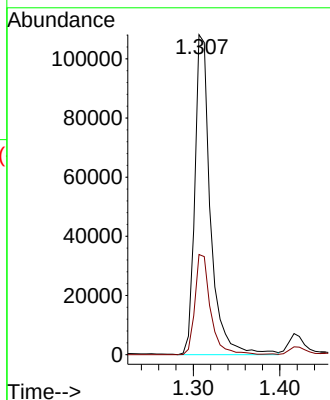
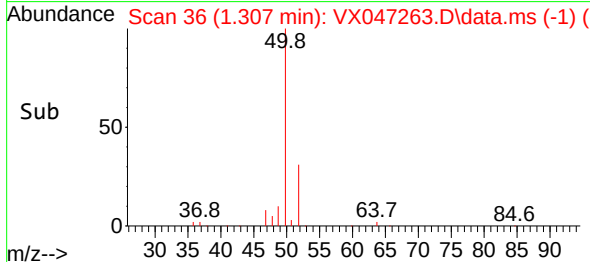
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 136150
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.2

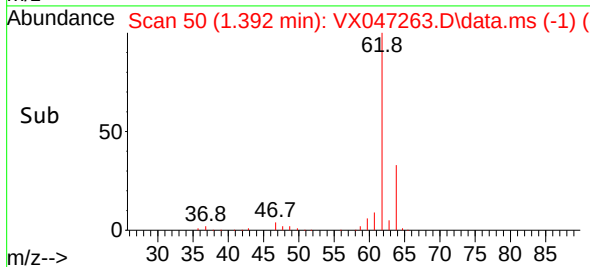
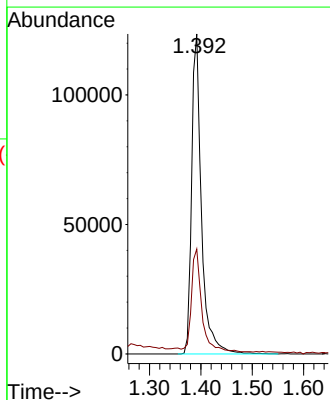
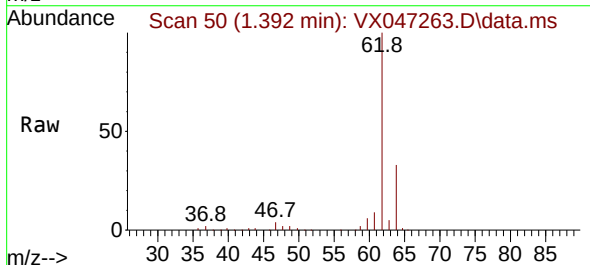
Manual Integrations
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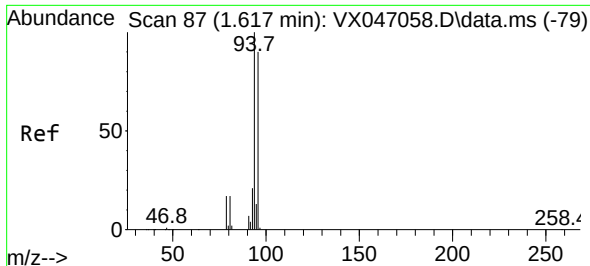
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#4
Vinyl Chloride
Concen: 50.289 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

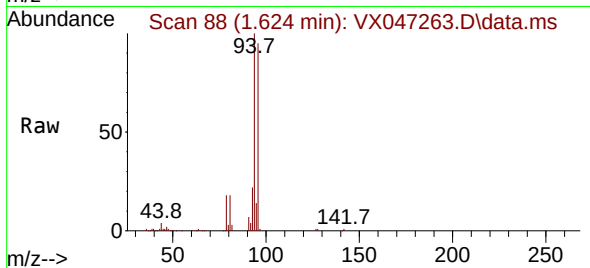
Tgt Ion: 62 Resp: 164247
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8





#5
Bromomethane
Concen: 40.533 ug/l
RT: 1.624 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

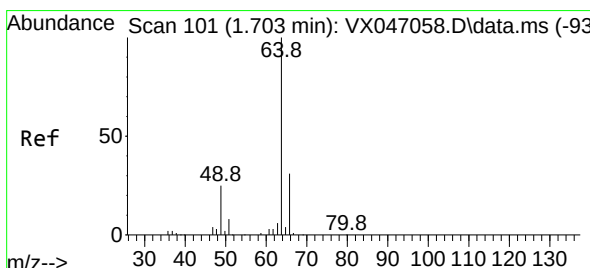
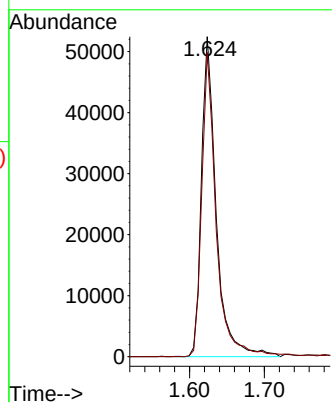
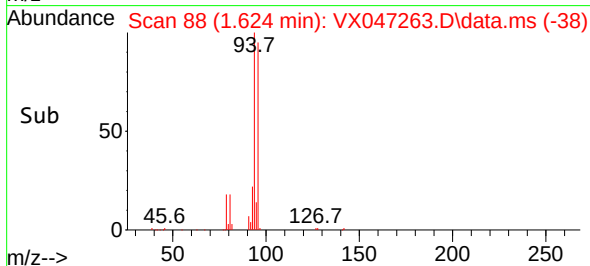
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 7191
Ion Ratio Lower Upper
94 100
96 95.0 72.3 108.5

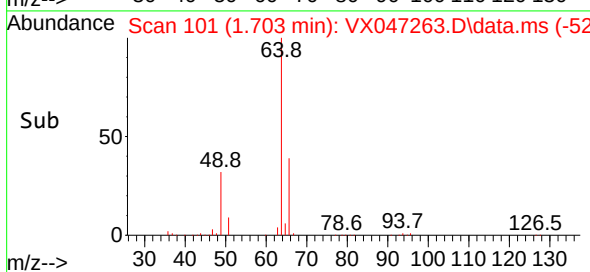
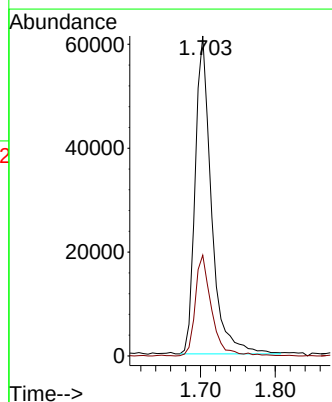
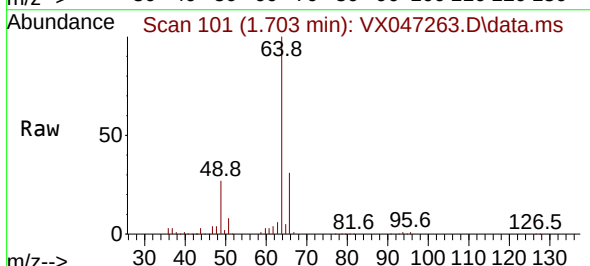
Manual Integrations
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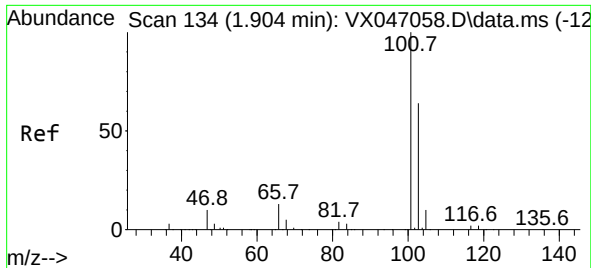
Reviewed By :John Carlone 08/12/2025
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#6
Chloroethane
Concen: 43.086 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047263.D
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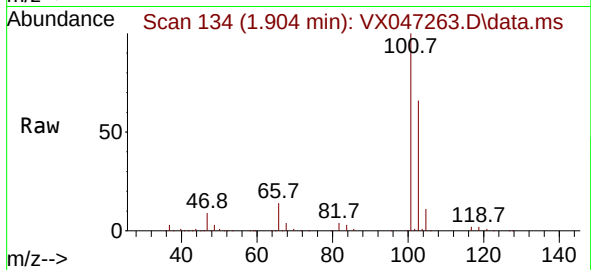
Tgt Ion: 64 Resp: 92423
Ion Ratio Lower Upper
64 100
66 31.6 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 47.721 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

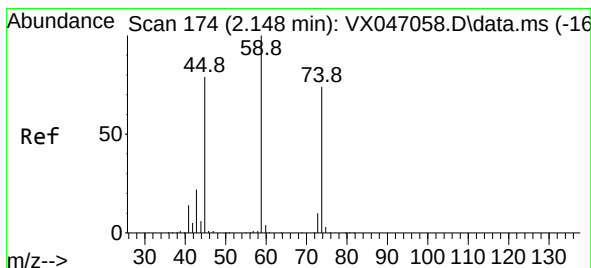
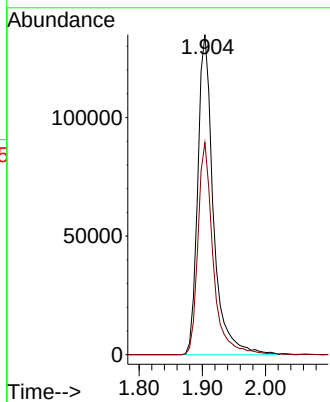
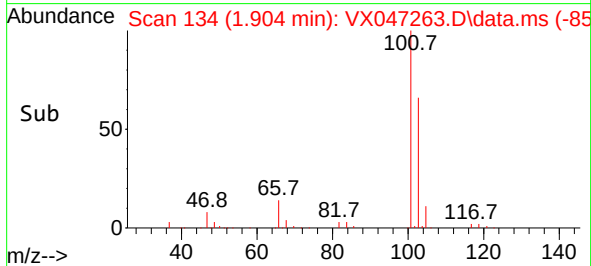
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 232408
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.9 76.3

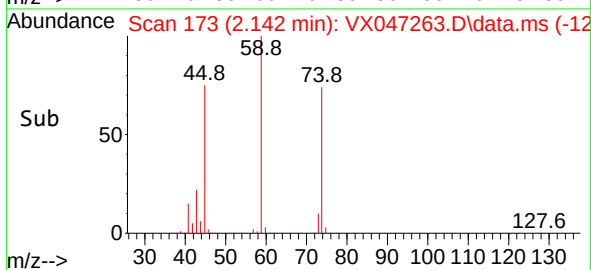
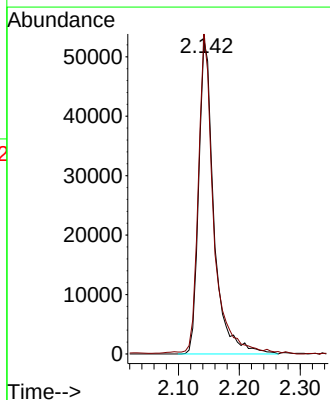
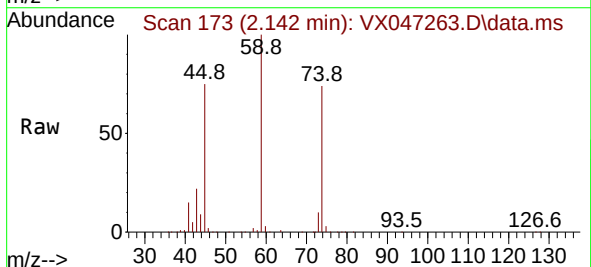
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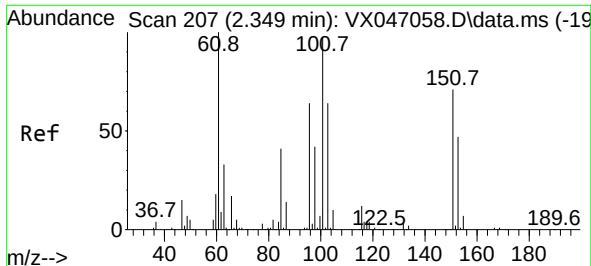
Reviewed By :John Carlone 08/12/2025
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#8
 Diethyl Ether
 Concen: 53.386 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

Tgt Ion: 74 Resp: 91672
 Ion Ratio Lower Upper
 74 100
 45 103.9 53.0 159.0





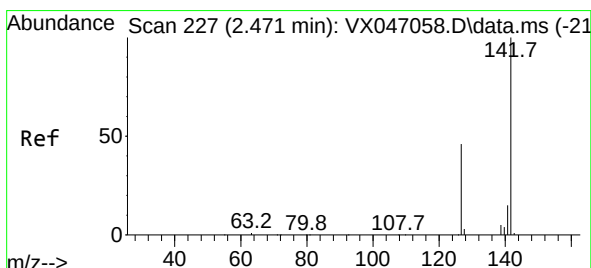
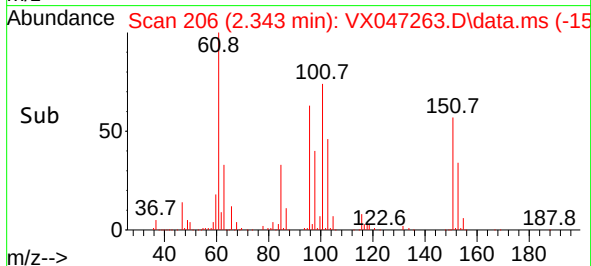
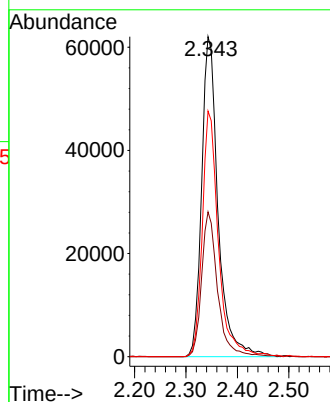
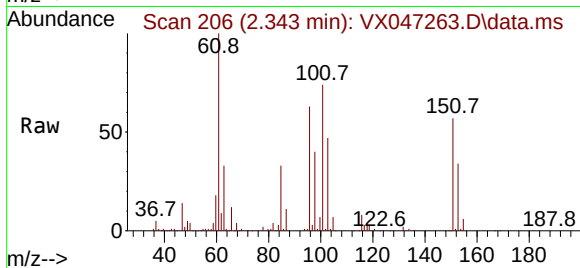
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.978 ug/l
RT: 2.343 min Scan# 207
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13784
Ion Ratio Lower Upper
101 100
85 44.1 35.4 53.0
151 75.5 59.2 88.8

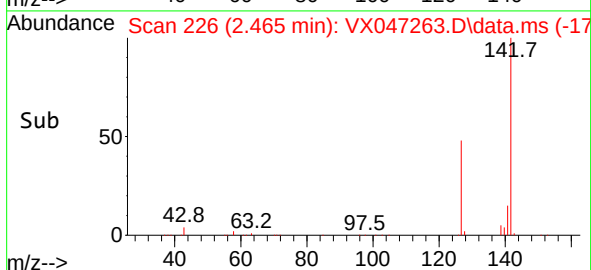
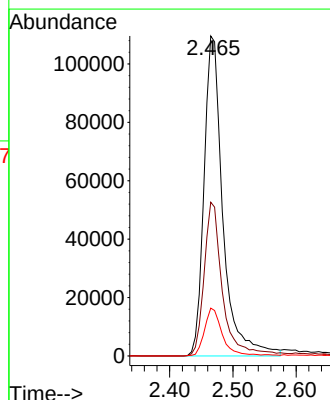
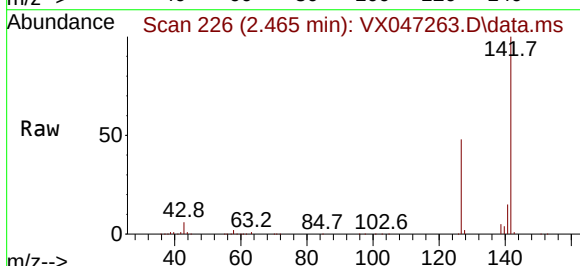
Manual Integrations
APPROVED

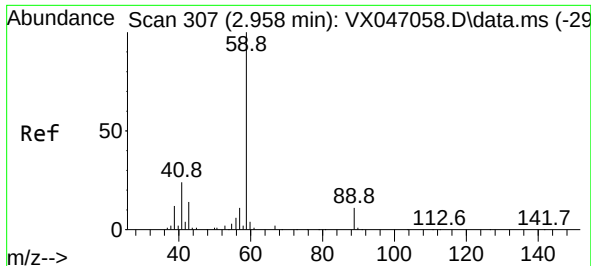
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#10
Methyl Iodide
Concen: 76.275 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

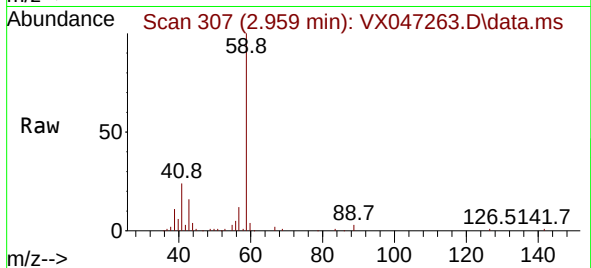
Tgt Ion:142 Resp: 228091
Ion Ratio Lower Upper
142 100
127 47.1 36.6 54.8
141 14.0 10.9 16.3





#11
Tert butyl alcohol
Concen: 275.312 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

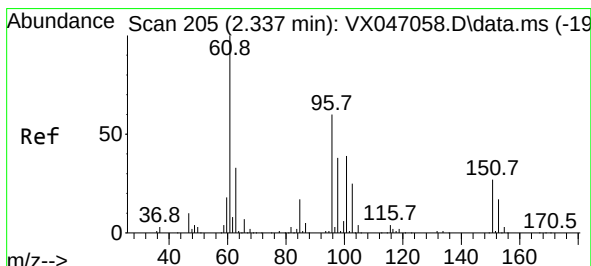
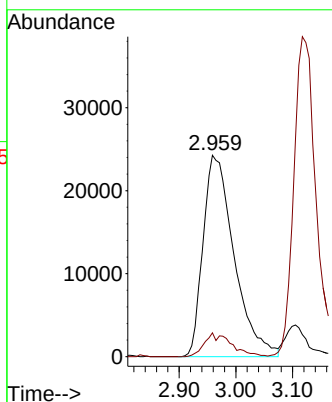
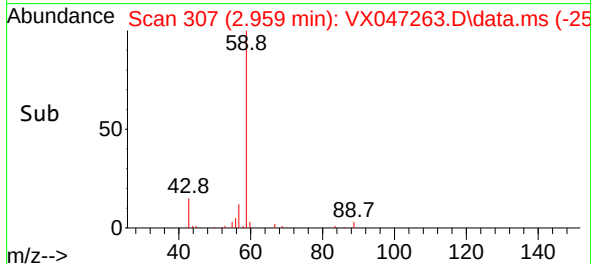
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



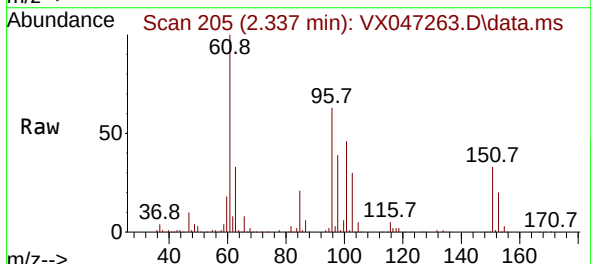
Tgt Ion: 59 Resp: 92358
Ion Ratio Lower Upper
59 100
57 4.6 8.5 12.7

Manual Integrations
APPROVED

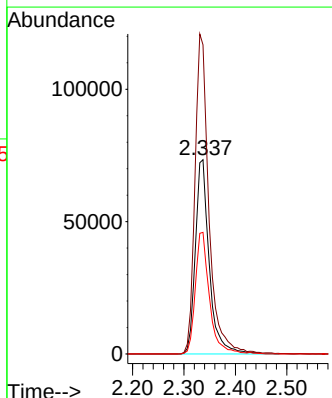
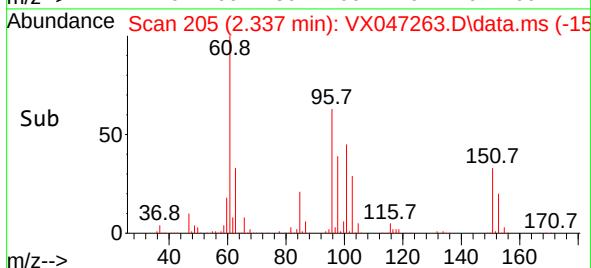
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

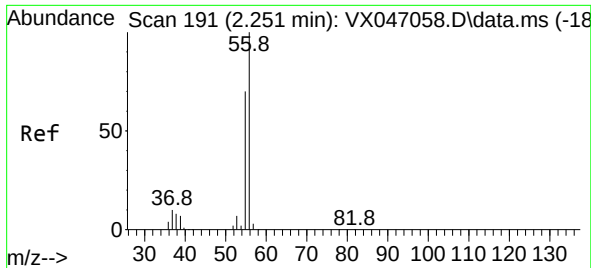


#12
1,1-Dichloroethene
Concen: 47.660 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04



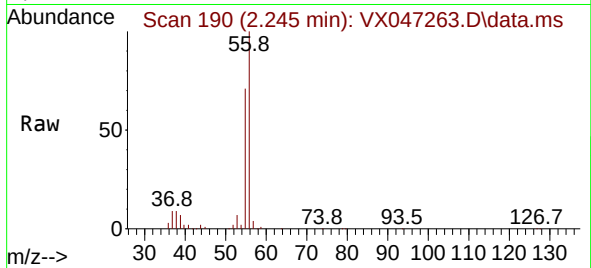
Tgt Ion: 96 Resp: 138506
Ion Ratio Lower Upper
96 100
61 159.1 132.6 198.8
98 62.6 50.2 75.4





#13
Acrolein
Concen: 246.829 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

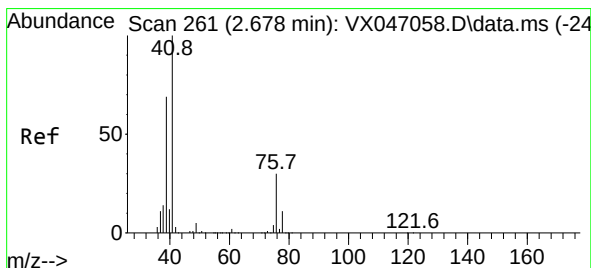
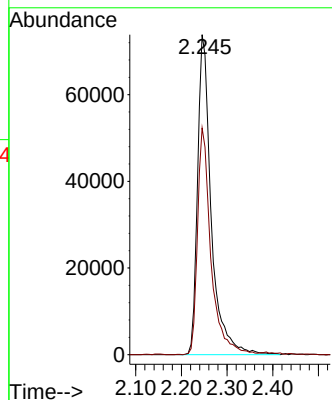
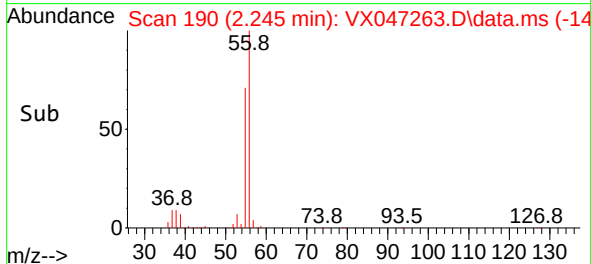
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 153095
Ion Ratio Lower Upper
56 100
55 69.9 55.7 83.5

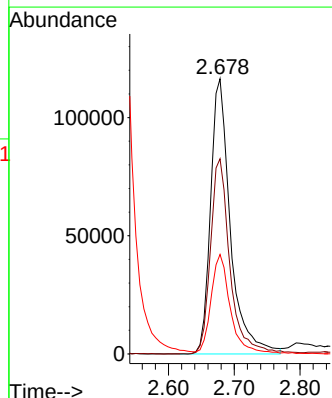
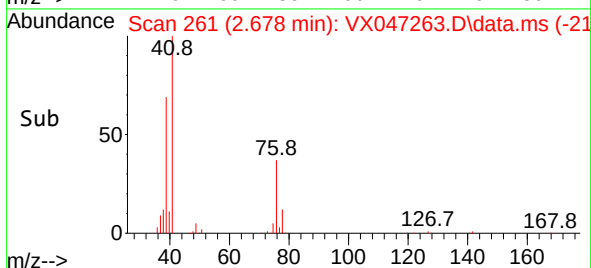
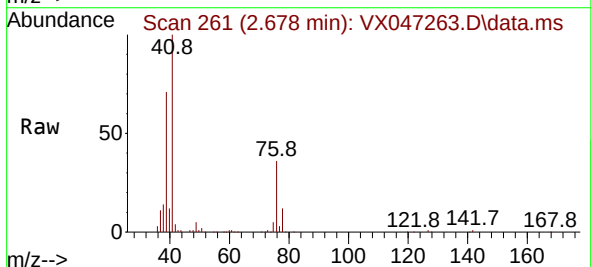
Manual Integrations
APPROVED

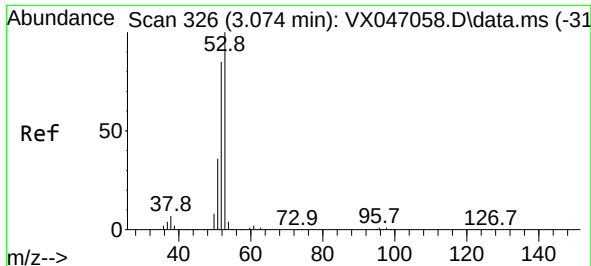
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#14
Allyl chloride
Concen: 46.460 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

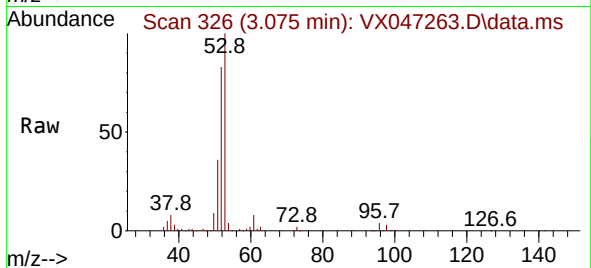
Tgt Ion: 41 Resp: 244065
Ion Ratio Lower Upper
41 100
39 70.0 52.6 78.8
76 35.7 25.7 38.5





#15
Acrylonitrile
Concen: 262.259 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

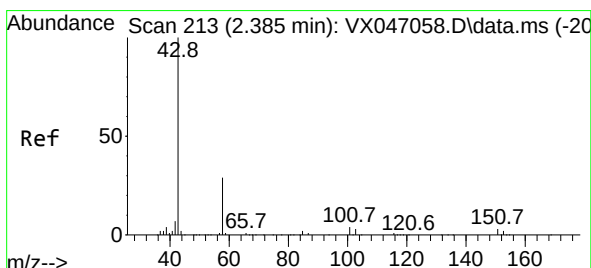
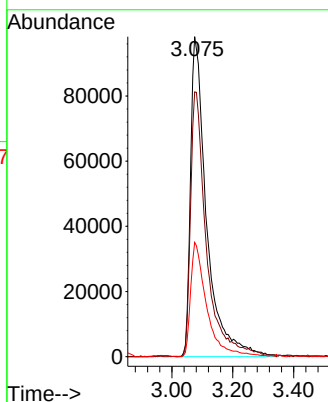
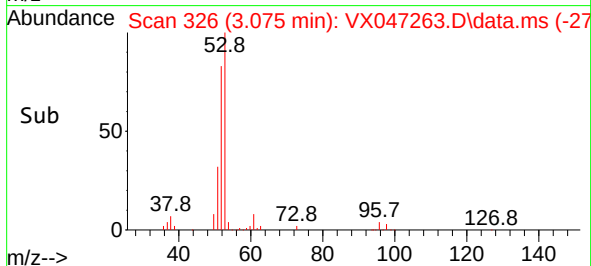
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 360302
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 35.8 28.8 43.2

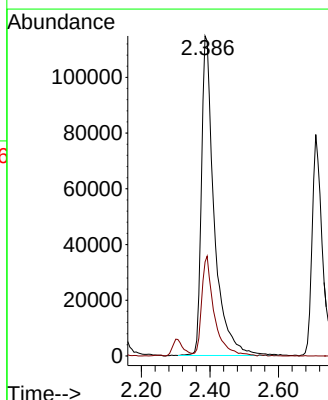
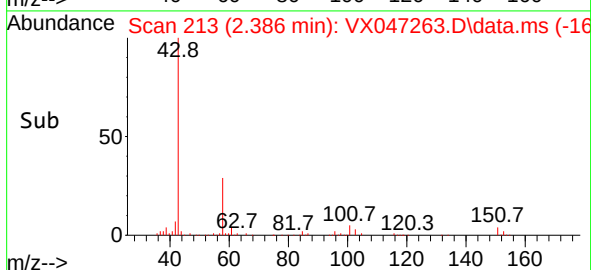
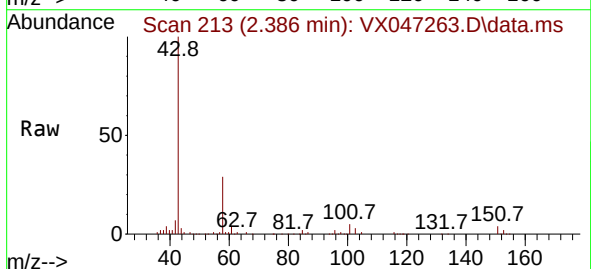
Manual Integrations
APPROVED

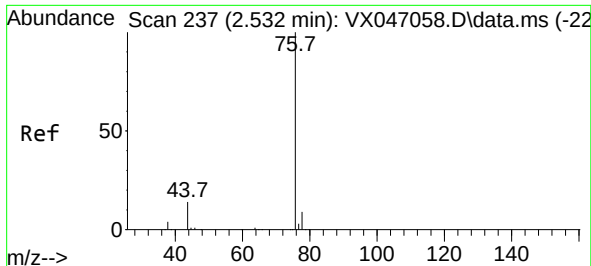
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#16
Acetone
Concen: 257.878 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

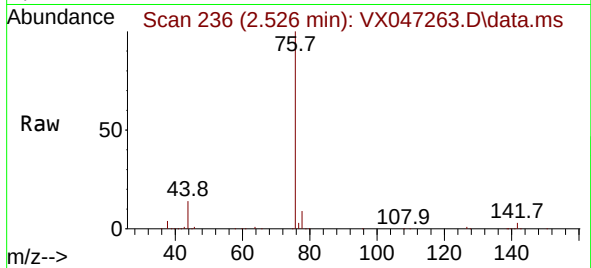
Tgt Ion: 43 Resp: 297586
Ion Ratio Lower Upper
43 100
58 29.4 24.0 36.0





#17
Carbon Disulfide
Concen: 47.687 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

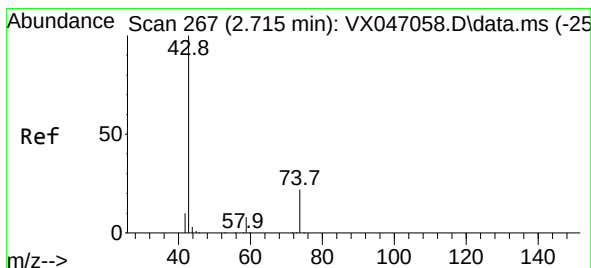
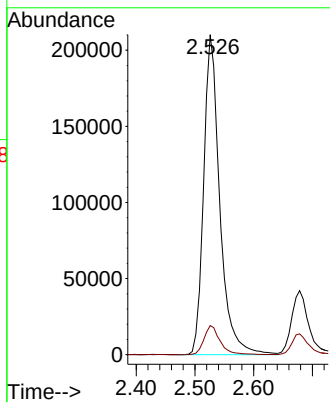
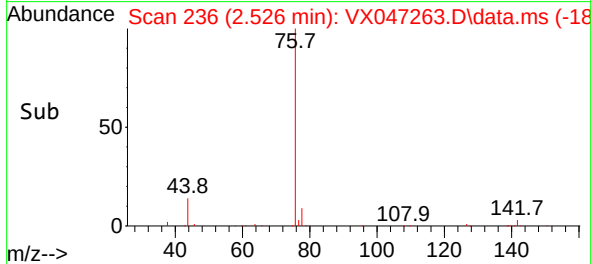
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 40092
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

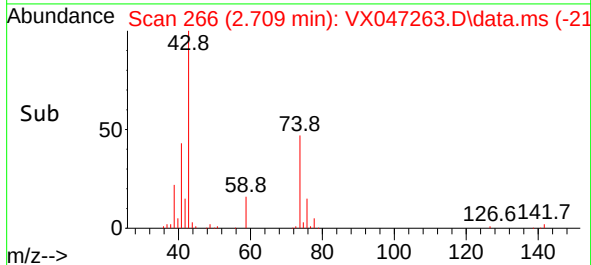
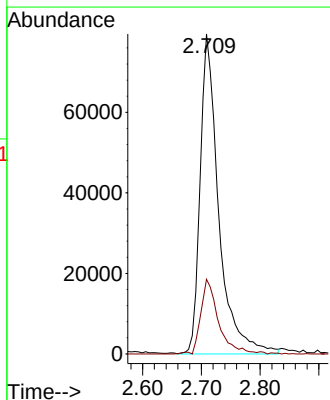
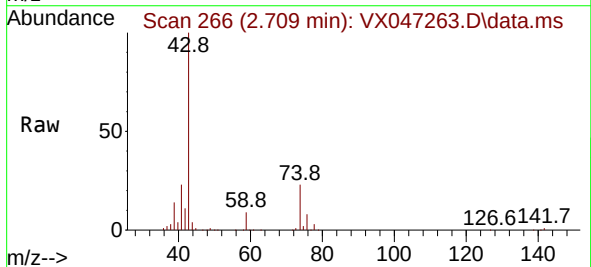
Manual Integrations
APPROVED

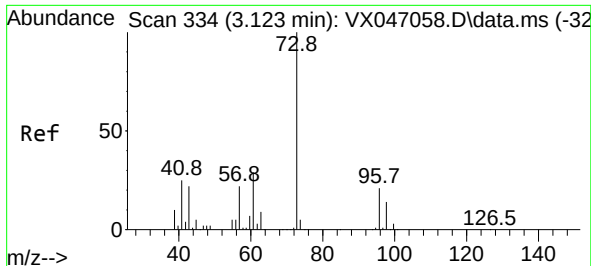
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#18
Methyl Acetate
Concen: 56.900 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 43 Resp: 174494
Ion Ratio Lower Upper
43 100
74 22.2 17.7 26.5





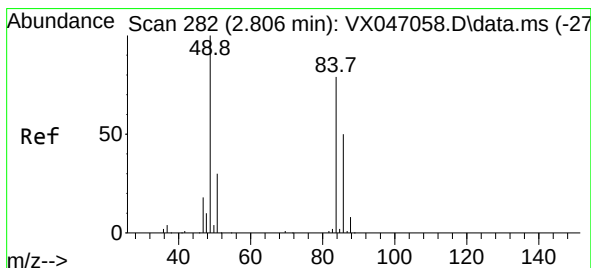
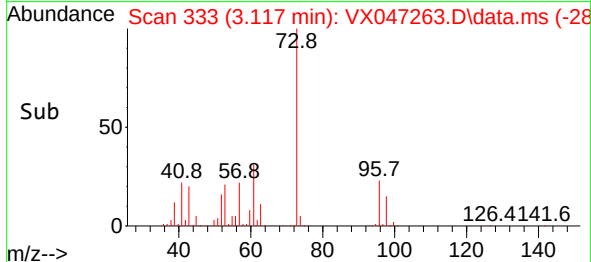
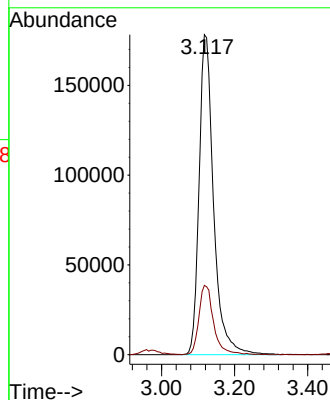
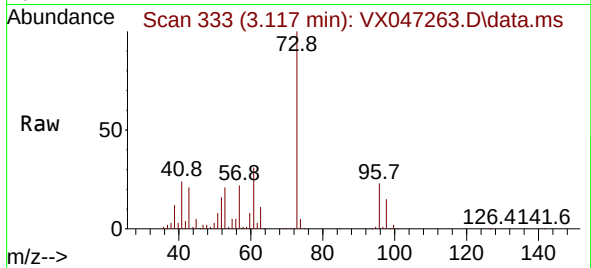
#19
Methyl tert-butyl Ether
Concen: 55.484 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 490729
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

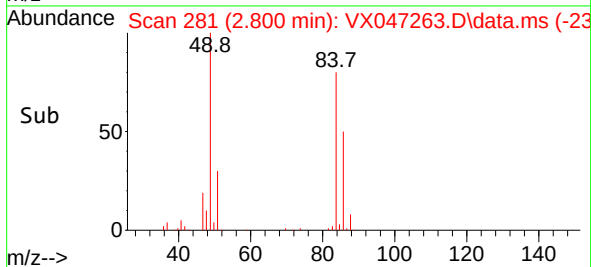
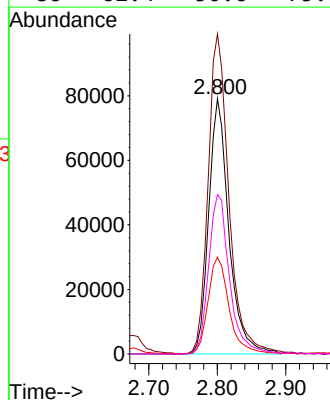
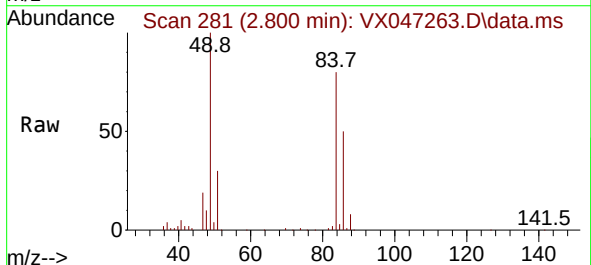
Manual Integrations
APPROVED

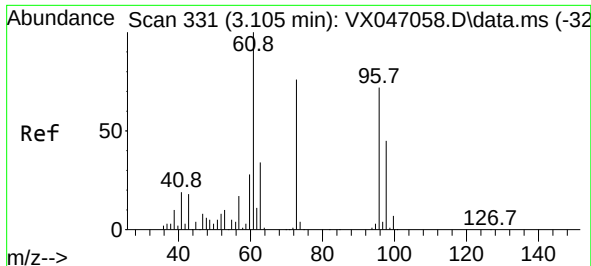
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#20
Methylene Chloride
Concen: 51.083 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

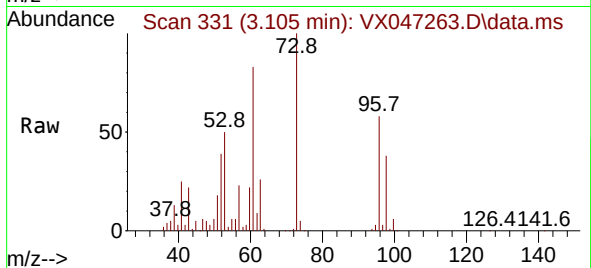
Tgt Ion: 84 Resp: 162173
Ion Ratio Lower Upper
84 100
49 125.2 101.6 152.4
51 37.9 30.3 45.5
86 62.4 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 50.145 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

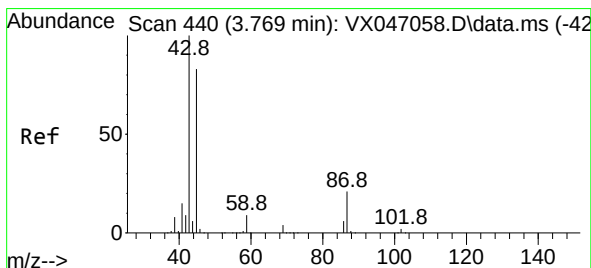
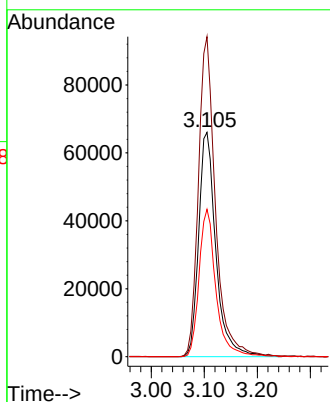
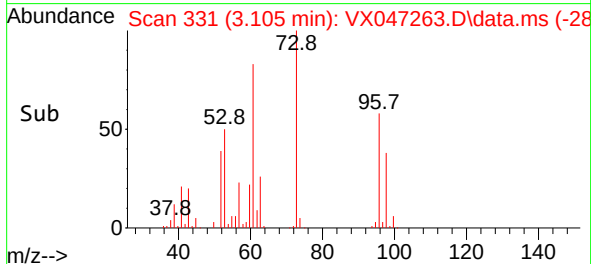
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



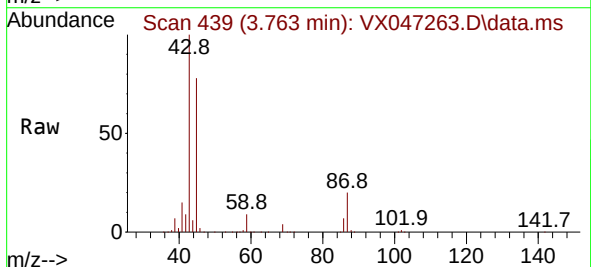
Tgt Ion: 96 Resp: 149125
Ion Ratio Lower Upper
96 100
61 142.6 111.1 166.7
98 65.6 49.6 74.4

Manual Integrations
APPROVED

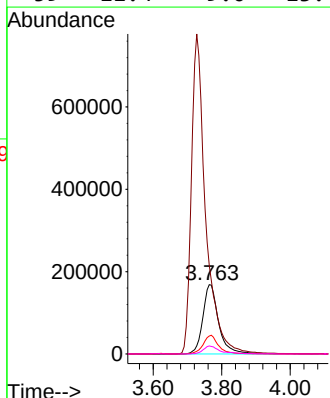
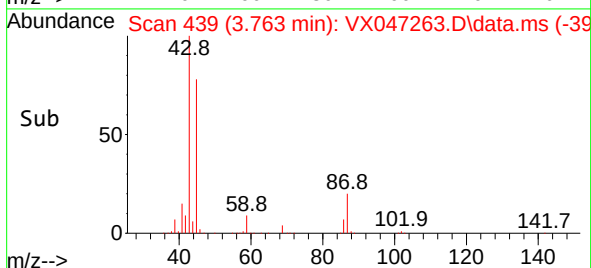
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

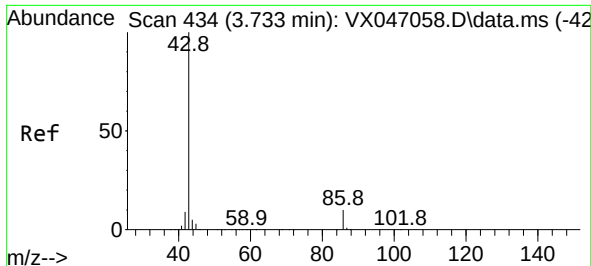


#22
Diisopropyl ether
Concen: 53.368 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04



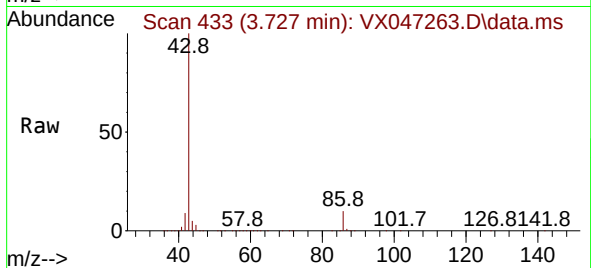
Tgt Ion: 45 Resp: 539008
Ion Ratio Lower Upper
45 100
43 127.7 96.8 145.2
87 25.8 20.5 30.7
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 279.430 ug/l
 RT: 3.727 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

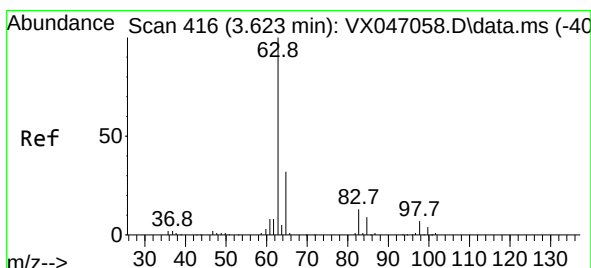
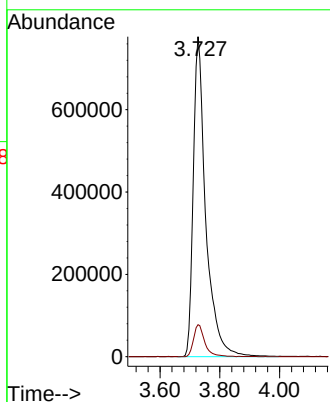
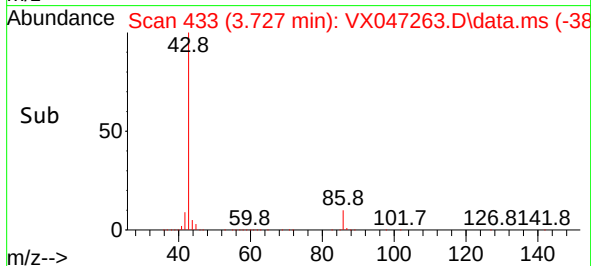
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 2263579
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1

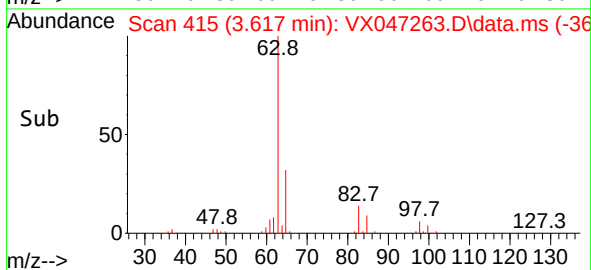
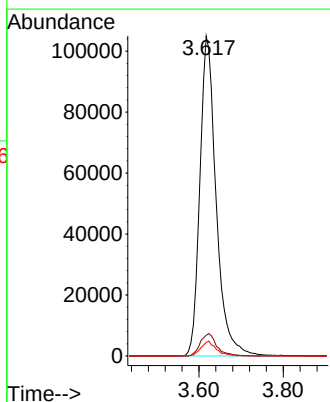
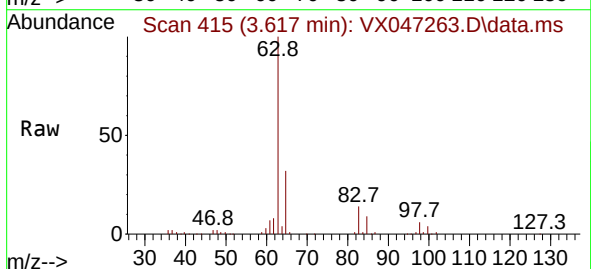
Manual Integrations
 APPROVED

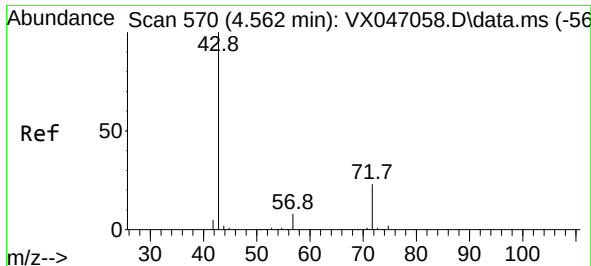
Reviewed By :John Carlone 08/12/2025
 Supervised By :Mahesh Dadoda 08/12/2025



#24
 1,1-Dichloroethane
 Concen: 50.183 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

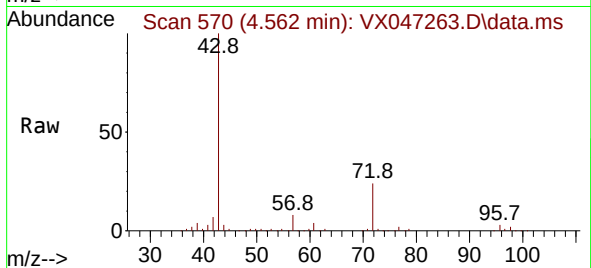
Tgt Ion: 63 Resp: 281839
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 257.412 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

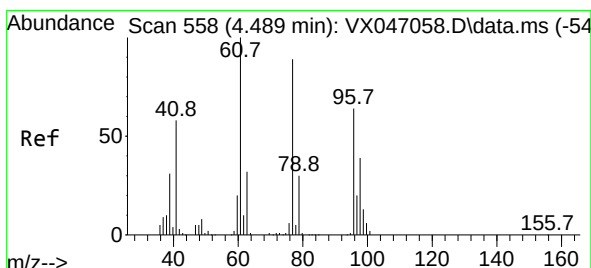
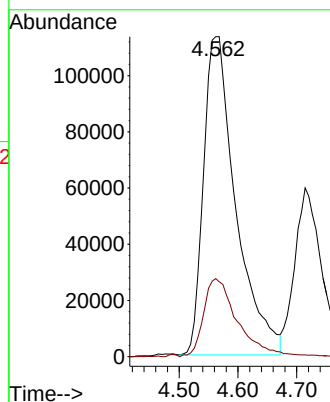
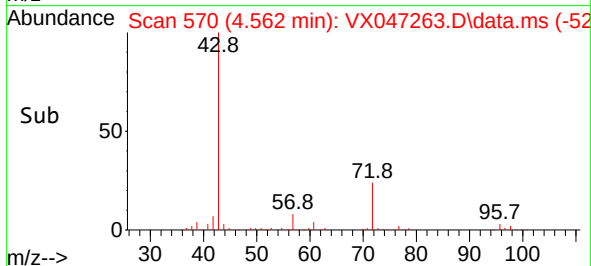
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 43252
Ion Ratio Lower Upper
43 100
72 24.6 18.8 28.2

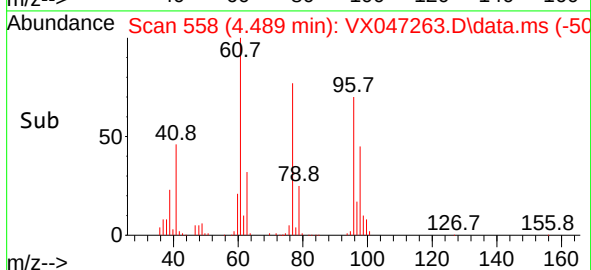
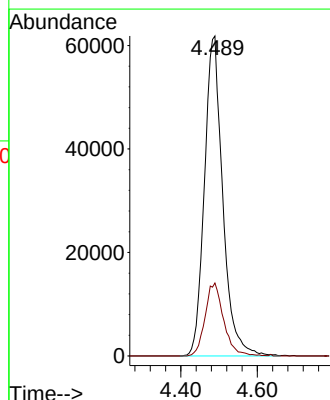
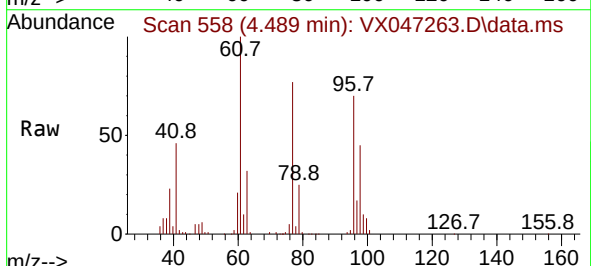
Manual Integrations
APPROVED

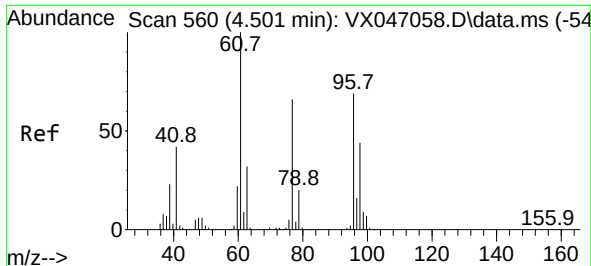
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#26
2,2-Dichloropropane
Concen: 47.324 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 77 Resp: 205742
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





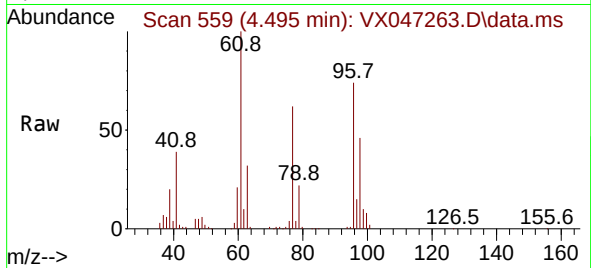
#27
 cis-1,2-Dichloroethene
 Concen: 52.011 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

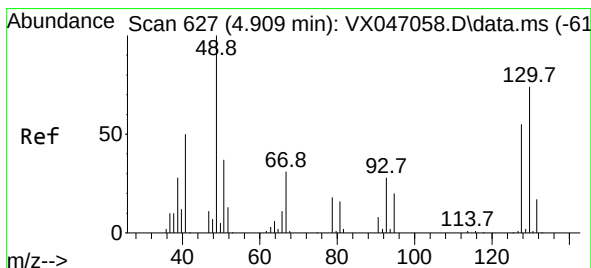
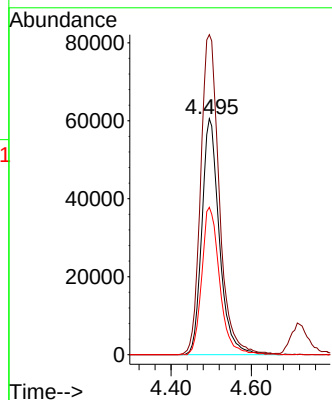
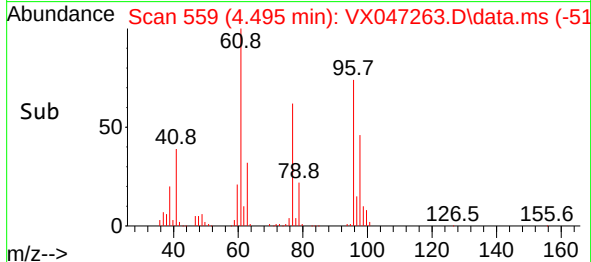


Tgt Ion: 96 Resp: 183158
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 298.6
 98 63.8 0.0 128.8

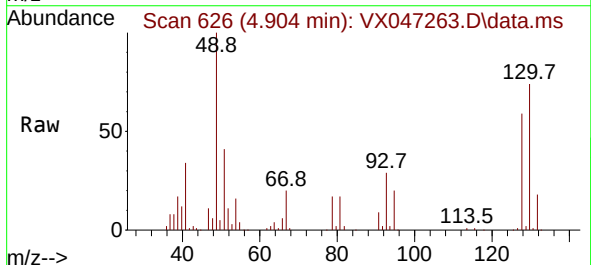
Manual Integrations

APPROVED

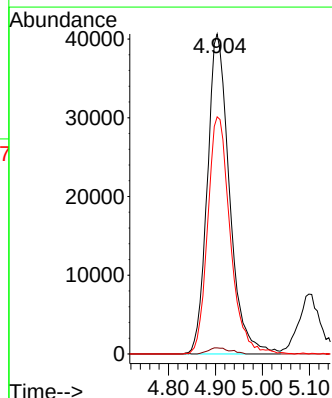
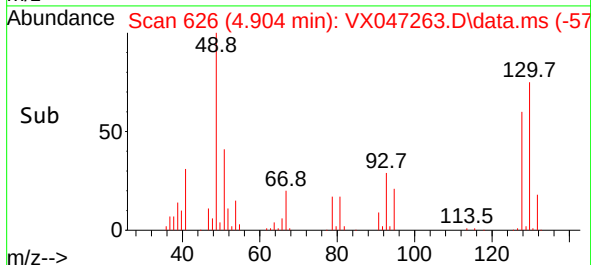
Reviewed By :John Carlone 08/12/2025
 Supervised By :Mahesh Dadoda 08/12/2025

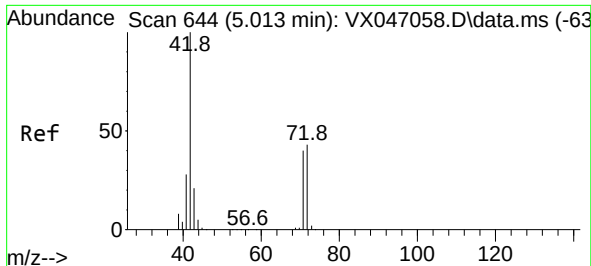


#28
 Bromochloromethane
 Concen: 51.573 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. -0.006 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04



Tgt Ion: 49 Resp: 133256
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 75.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 255.374 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 27686

Ion Ratio Lower Upper

42 100

72 43.5 33.7 50.5

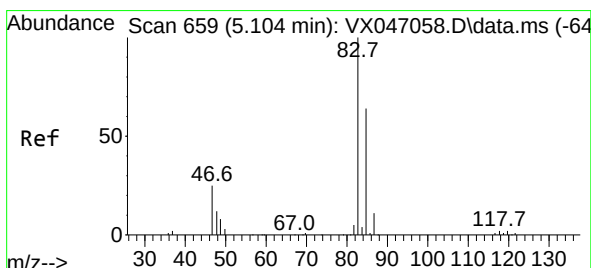
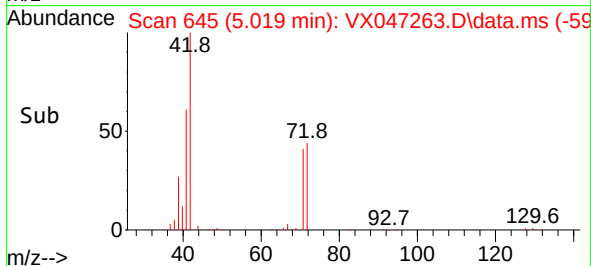
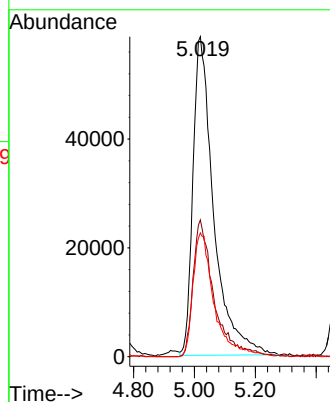
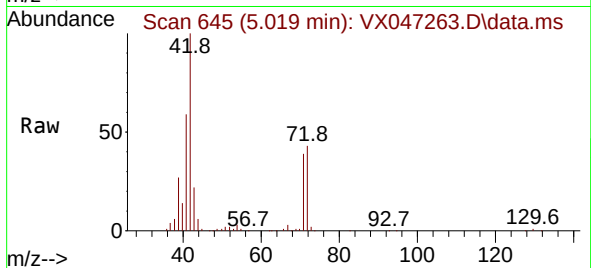
71 39.1 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#30

Chloroform

Concen: 50.945 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047263.D

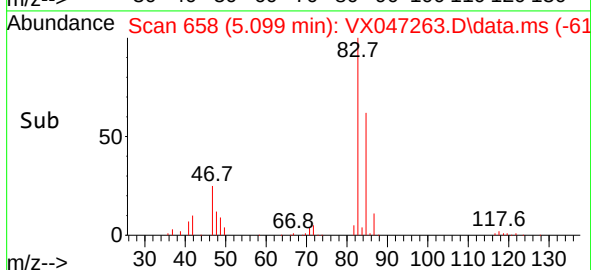
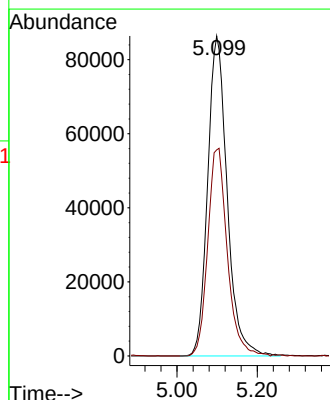
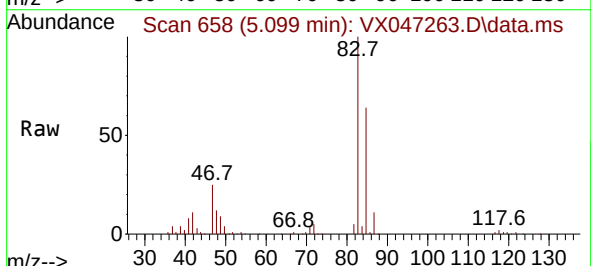
Acq: 08 Aug 2025 11:04

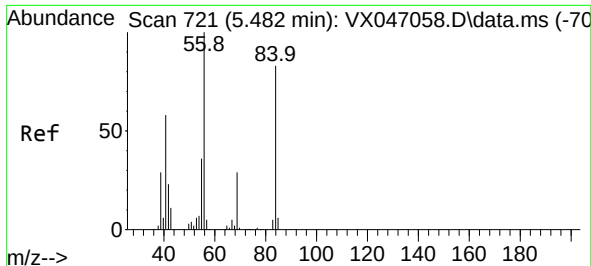
Tgt Ion: 83 Resp: 291249

Ion Ratio Lower Upper

83 100

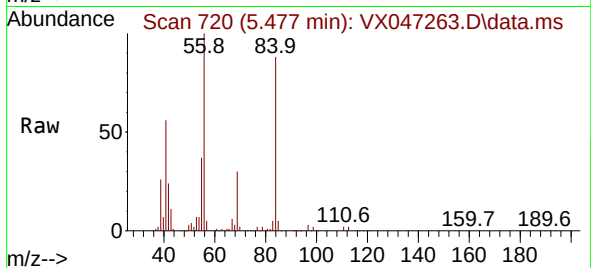
85 64.4 50.9 76.3





#31
Cyclohexane
Concen: 44.545 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

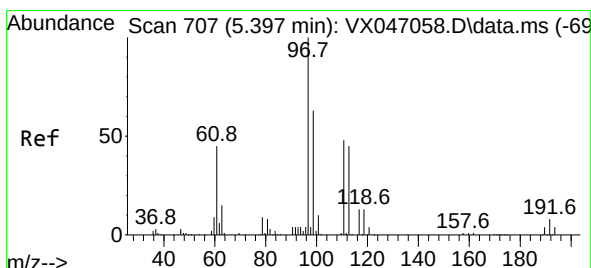
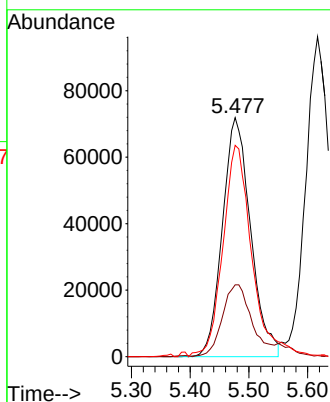
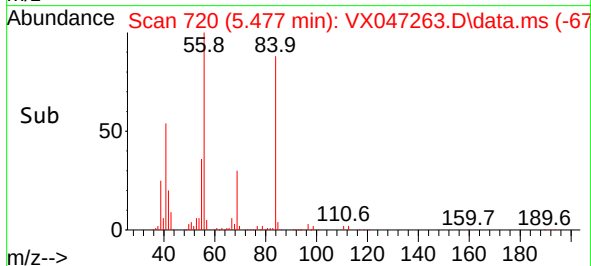
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 239879
Ion Ratio Lower Upper
56 100
69 29.7 23.3 34.9
84 88.4 66.5 99.7

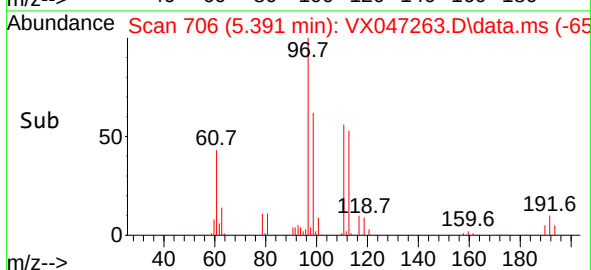
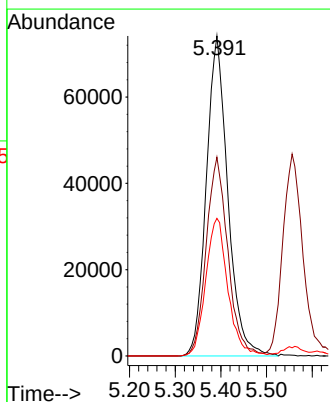
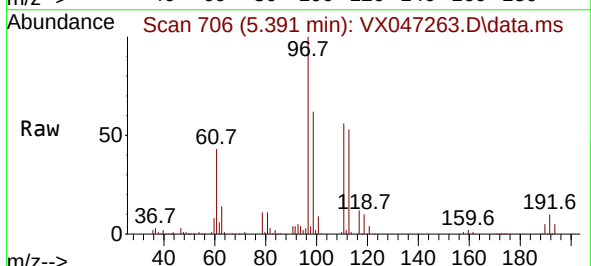
Manual Integrations
APPROVED

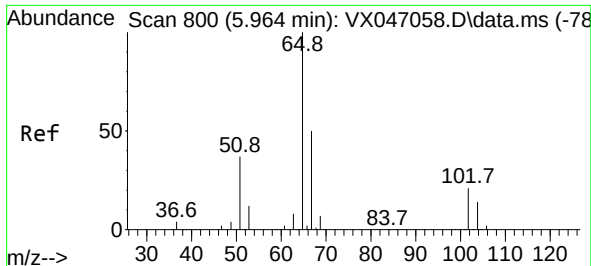
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#32
1,1,1-Trichloroethane
Concen: 48.780 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 97 Resp: 242222
Ion Ratio Lower Upper
97 100
99 62.7 51.2 76.8
61 44.3 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 52.998 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 15266

Ion Ratio Lower Upper

65 100

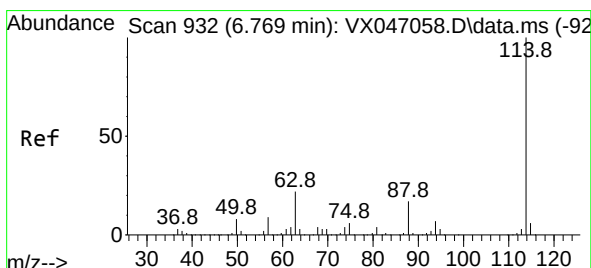
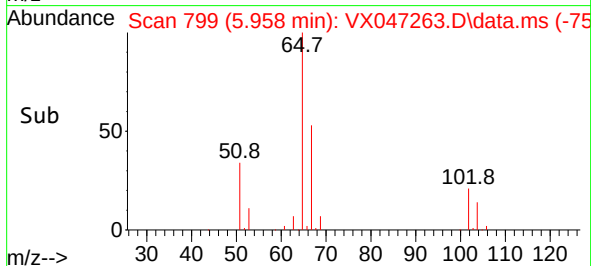
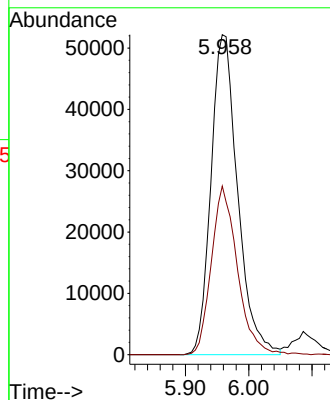
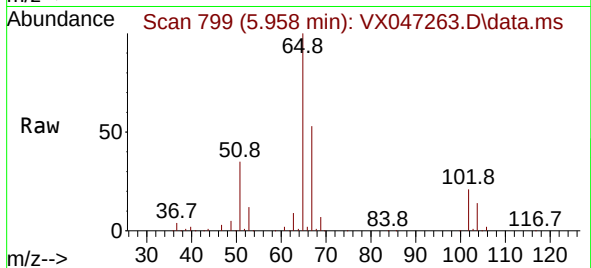
67 51.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

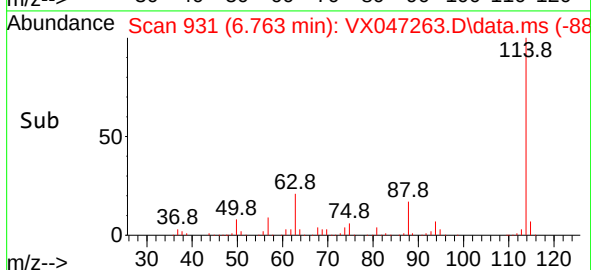
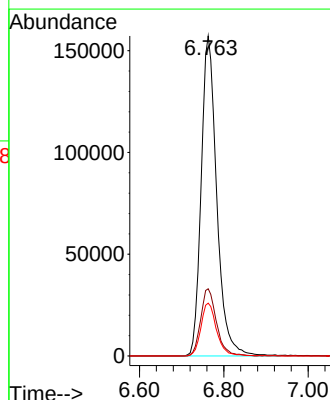
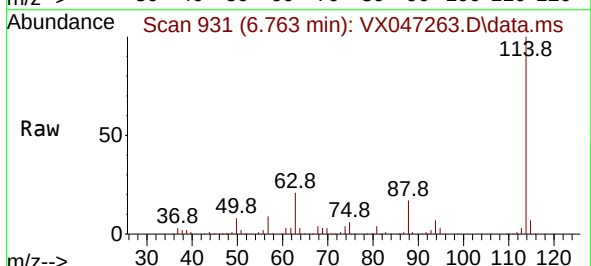
Tgt Ion:114 Resp: 404873

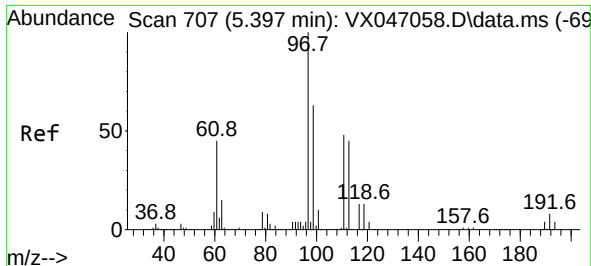
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

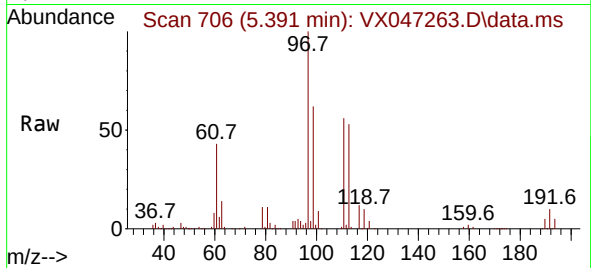
88 16.5 0.0 33.8





#35
Dibromofluoromethane
Concen: 52.289 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

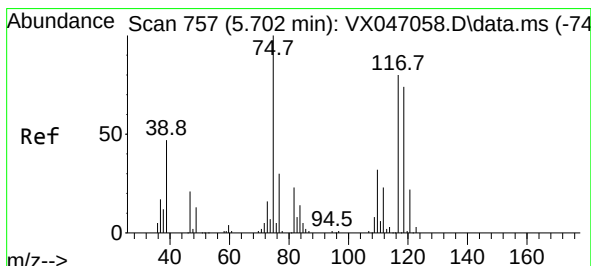
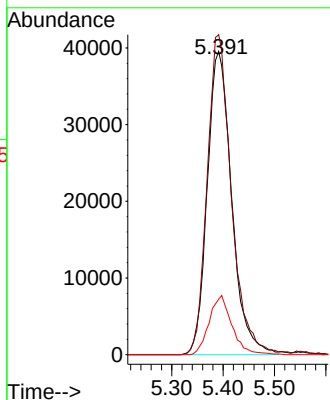
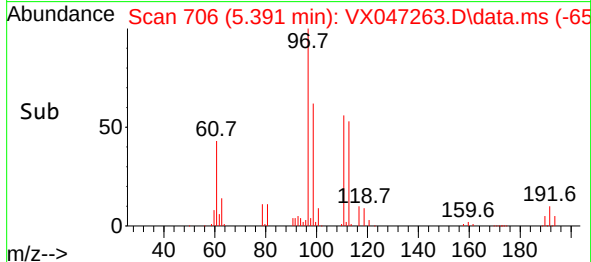
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 130711
Ion Ratio Lower Upper
113 100
111 104.6 82.6 124.0
192 18.2 14.9 22.3

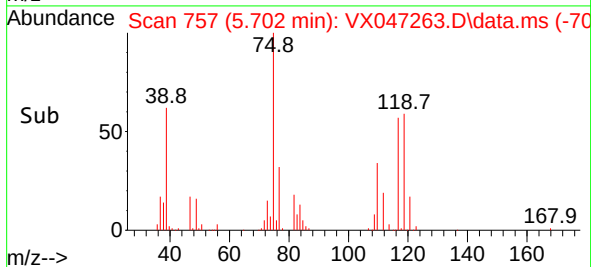
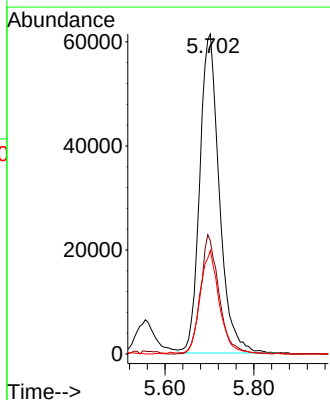
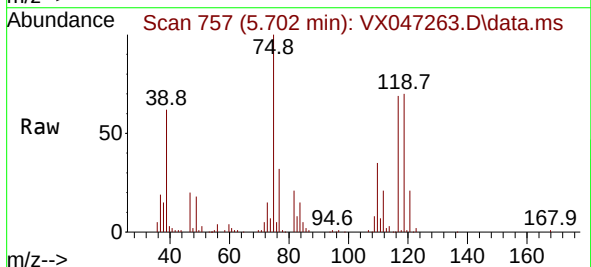
Manual Integrations
APPROVED

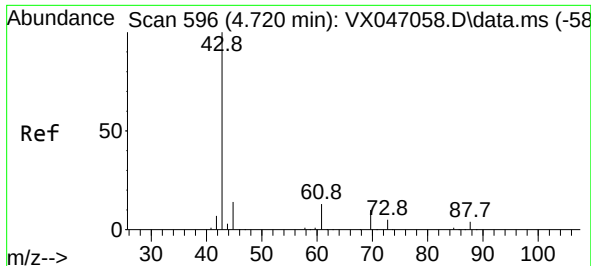
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#36
1,1-Dichloropropene
Concen: 44.257 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 75 Resp: 188588
Ion Ratio Lower Upper
75 100
110 35.3 17.2 51.5
77 31.9 25.1 37.7





#37

Ethyl Acetate

Concen: 51.587 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

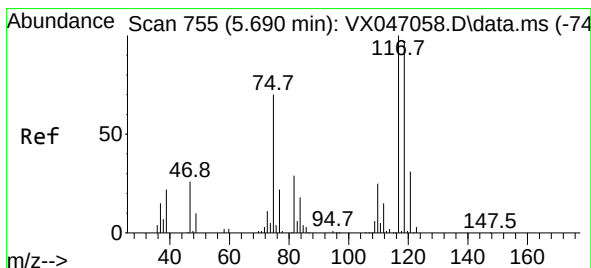
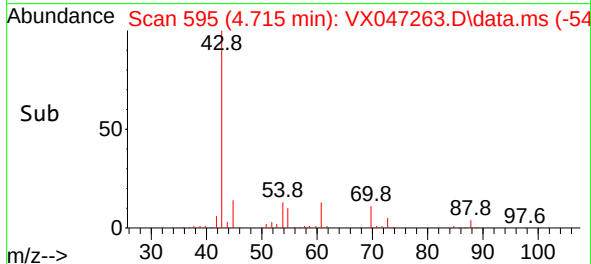
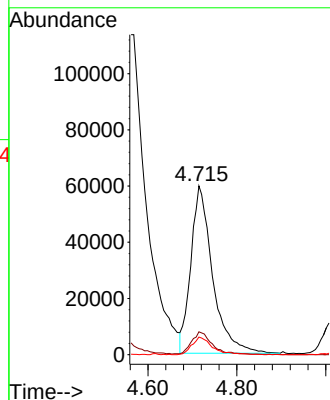
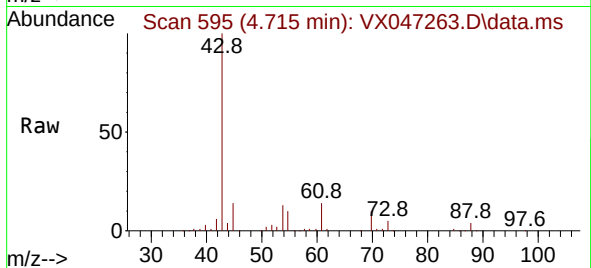
Tgt Ion: 43 Resp: 20255
 Ion Ratio Lower Upper
 43 100
 61 12.5 10.2 15.2
 70 9.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#38

Carbon Tetrachloride

Concen: 45.487 ug/l

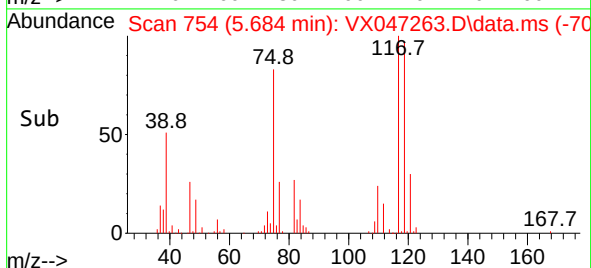
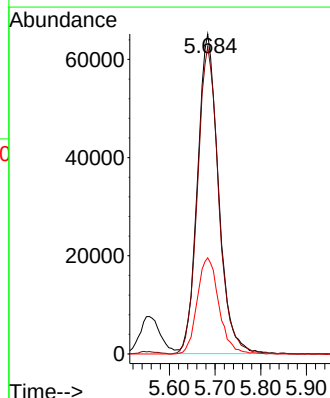
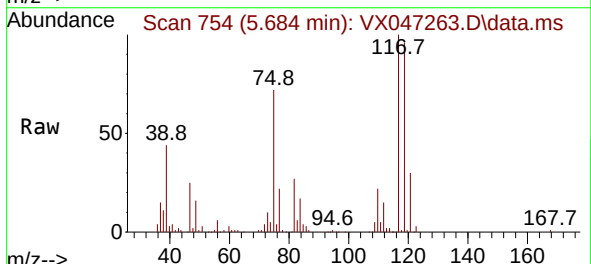
RT: 5.684 min Scan# 754

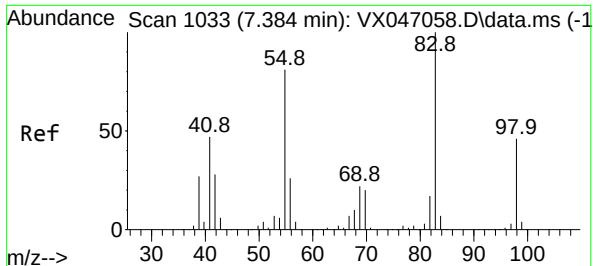
Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Tgt Ion:117 Resp: 206875
 Ion Ratio Lower Upper
 117 100
 119 95.9 76.6 115.0
 121 30.1 24.4 36.6





#39

Methylcyclohexane

Concen: 44.533 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 236920

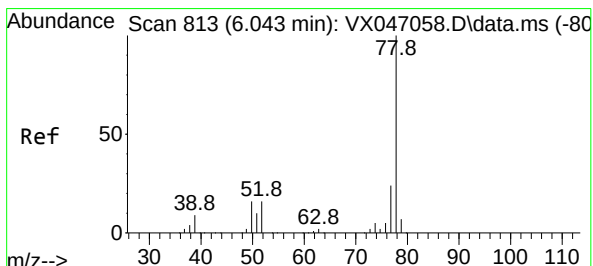
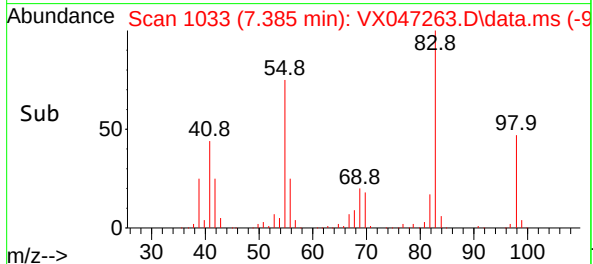
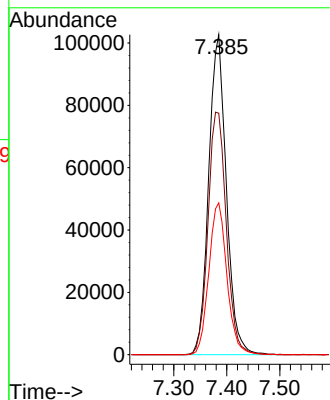
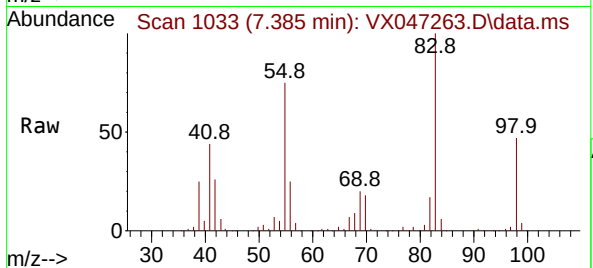
Ion	Ratio	Lower	Upper
83	100		
55	75.4	64.5	96.7
98	47.4	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#40

Benzene

Concen: 48.635 ug/l

RT: 6.044 min Scan# 813

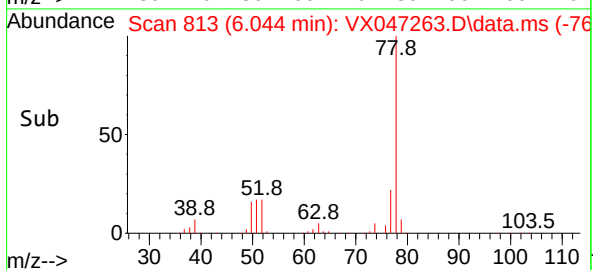
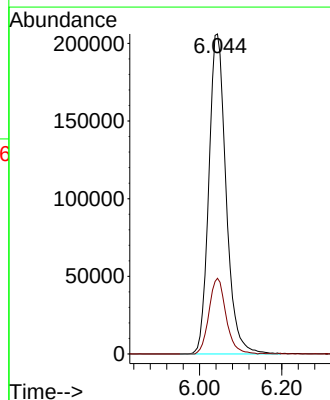
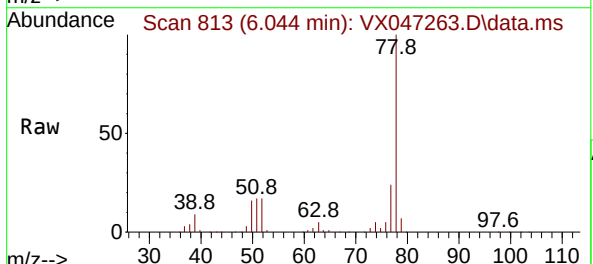
Delta R.T. 0.000 min

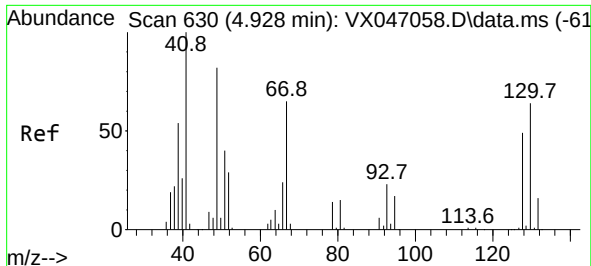
Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Tgt Ion: 78 Resp: 599757

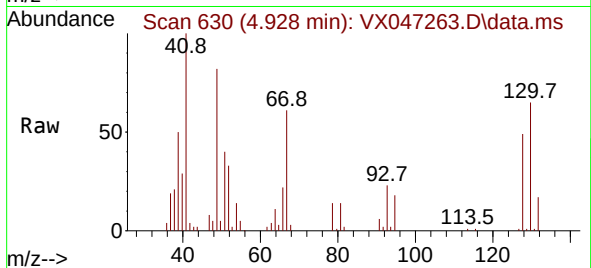
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





#41
Methacrylonitrile
Concen: 45.575 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

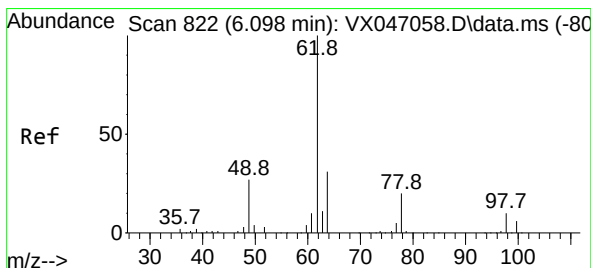
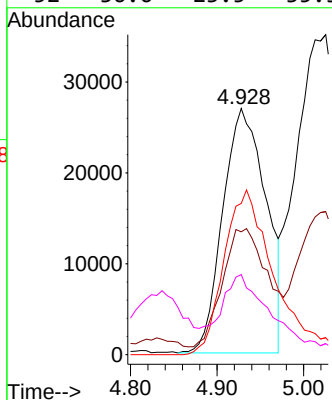
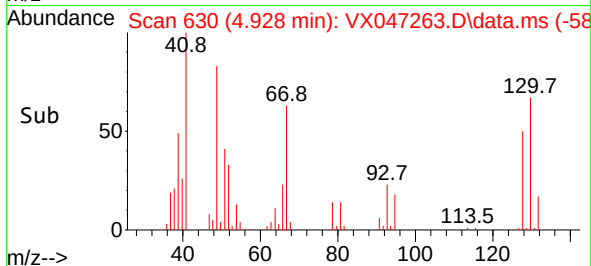
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 93560
Ion Ratio Lower Upper
41 100
39 50.8 44.2 66.2
67 83.1 56.4 84.6
52 36.6 23.5 35.3#

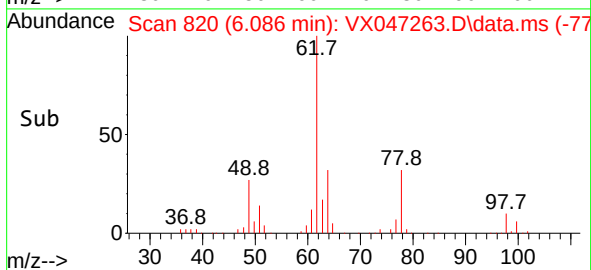
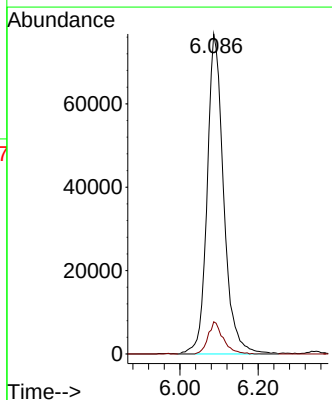
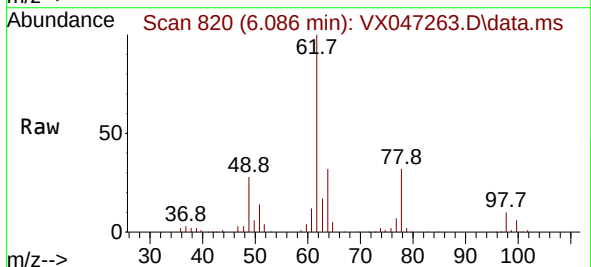
Manual Integrations
APPROVED

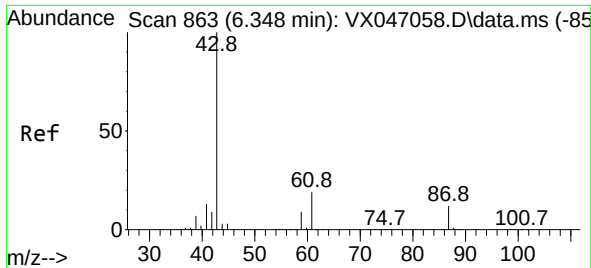
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#42
1,2-Dichloroethane
Concen: 51.565 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

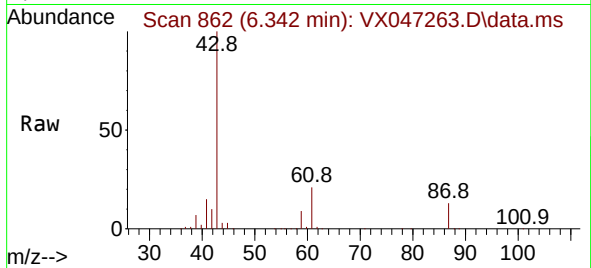
Tgt Ion: 62 Resp: 223998
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.8





#43
Isopropyl Acetate
Concen: 53.328 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

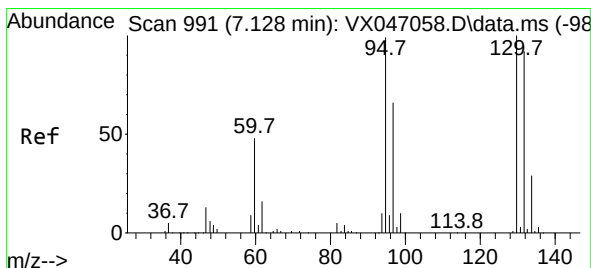
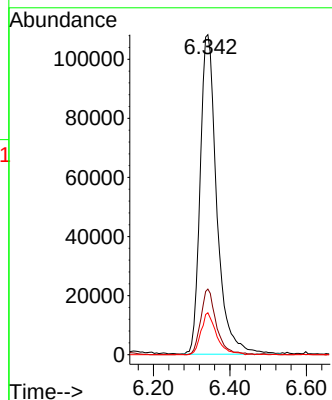
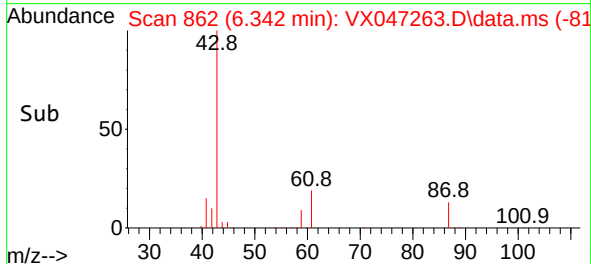
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 326430
Ion Ratio Lower Upper
43 100
61 19.3 15.1 22.7
87 12.3 9.7 14.5

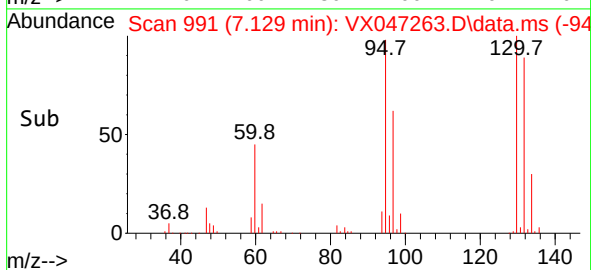
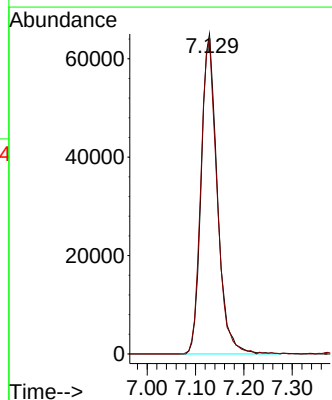
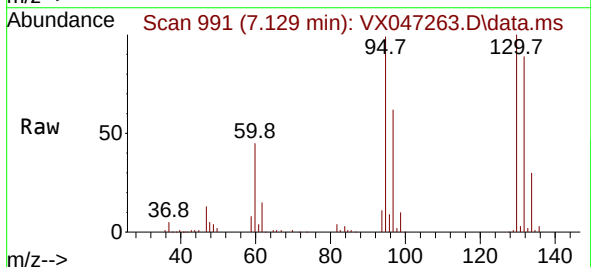
Manual Integrations
APPROVED

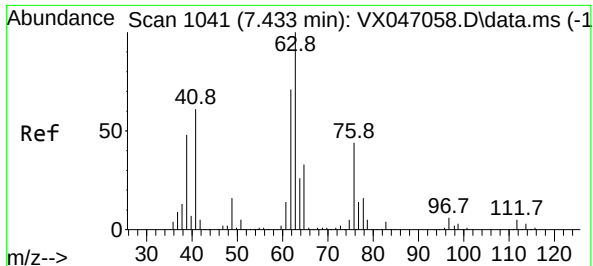
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#44
Trichloroethene
Concen: 47.480 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion:130 Resp: 150146
Ion Ratio Lower Upper
130 100
95 98.7 0.0 198.6





#45

1,2-Dichloropropane

Concen: 49.621 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 153258

Ion Ratio Lower Upper

63 100

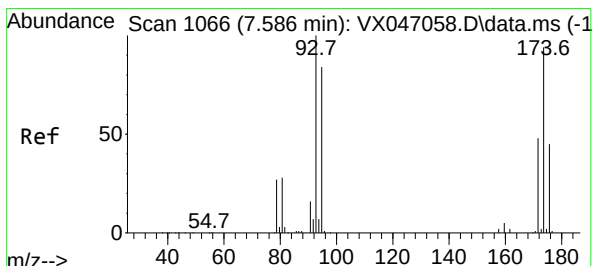
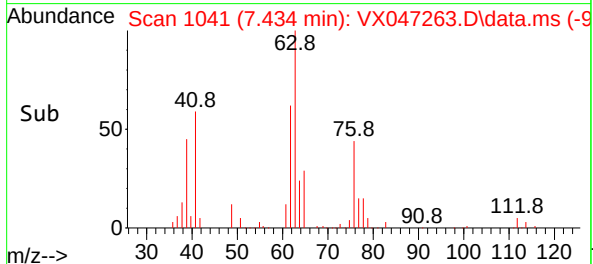
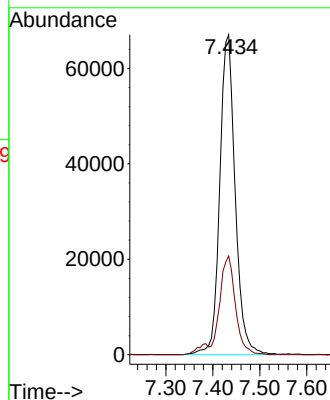
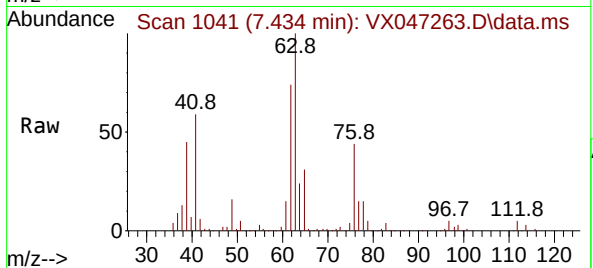
65 30.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#46

Dibromomethane

Concen: 53.551 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

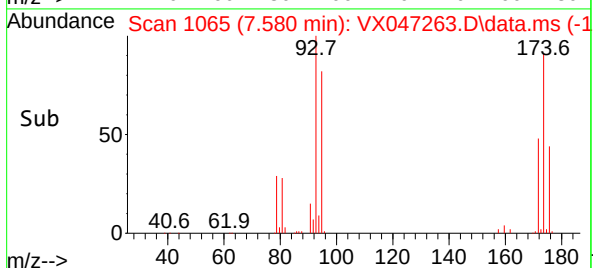
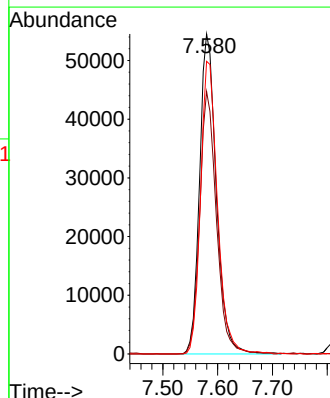
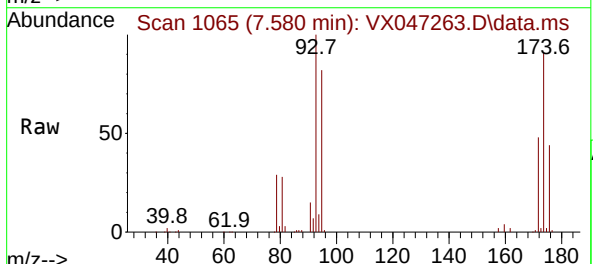
Tgt Ion: 93 Resp: 115987

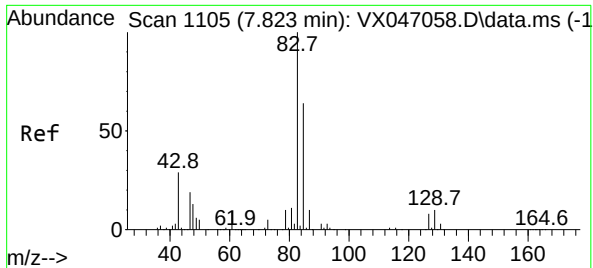
Ion Ratio Lower Upper

93 100

95 81.4 65.9 98.9

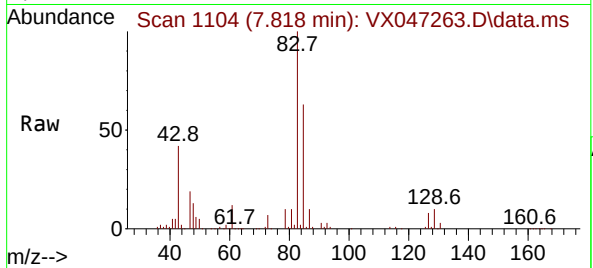
174 91.8 74.6 112.0





#47
Bromodichloromethane
Concen: 51.701 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

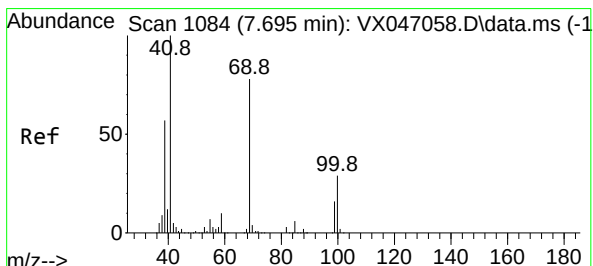
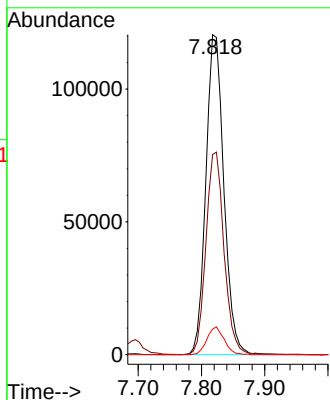
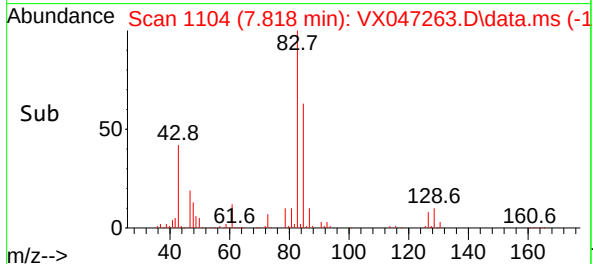
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 238350
Ion Ratio Lower Upper
83 100
85 62.5 49.9 74.9
127 8.0 6.6 10.0

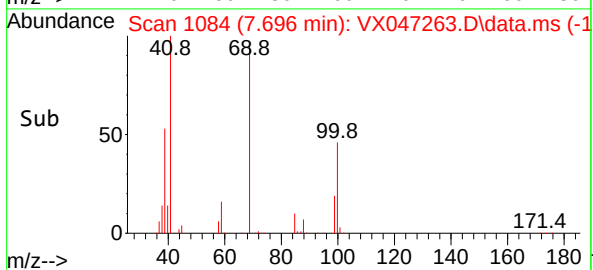
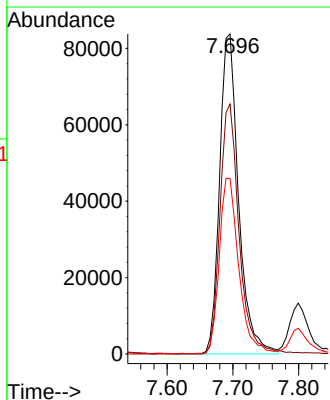
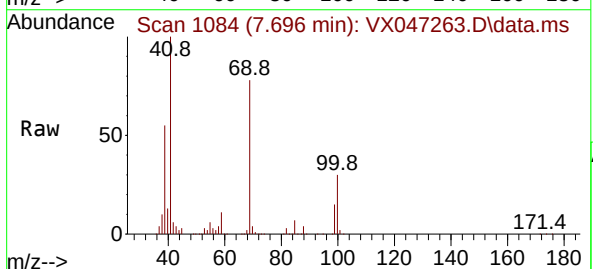
Manual Integrations
APPROVED

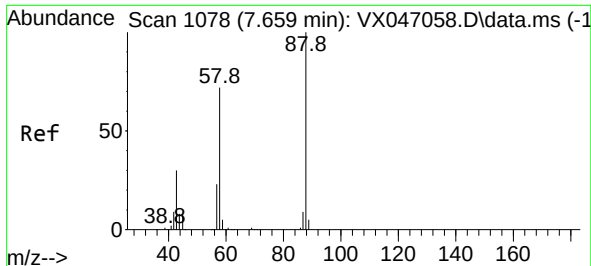
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#48
Methyl methacrylate
Concen: 50.579 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

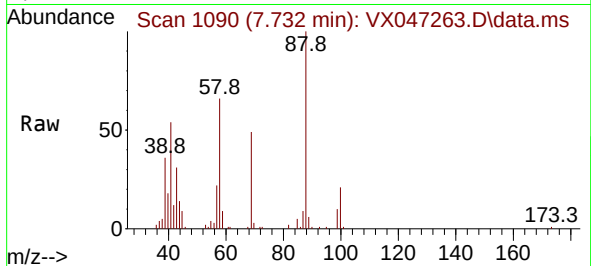
Tgt Ion: 41 Resp: 168665
Ion Ratio Lower Upper
41 100
69 79.0 62.3 93.5
39 55.9 44.8 67.2





#49
1,4-Dioxane
Concen: 874.753 ug/l m
RT: 7.732 min Scan# 1090
Delta R.T. 0.073 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

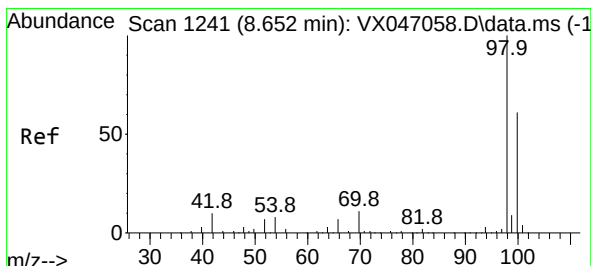
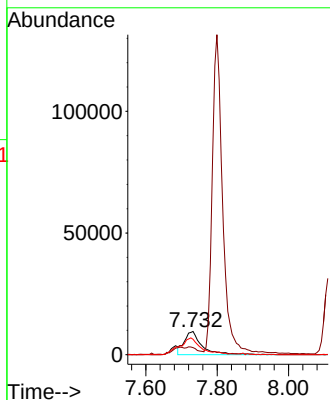
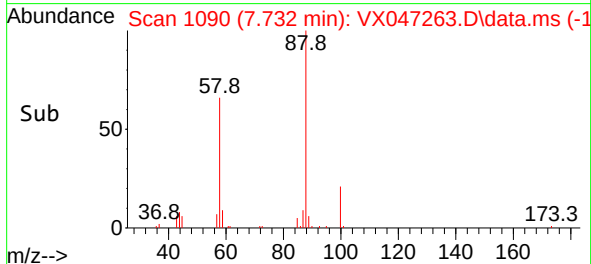
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 3317
Ion Ratio Lower Upper
88 100
43 0.0 33.6 50.4
58 80.0 58.8 88.2

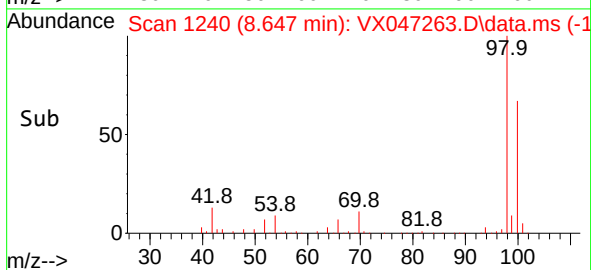
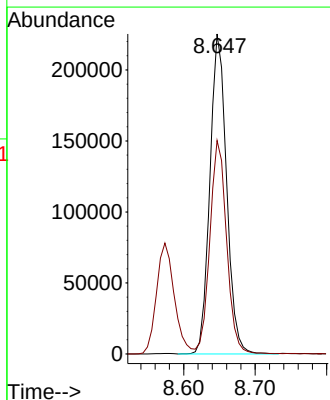
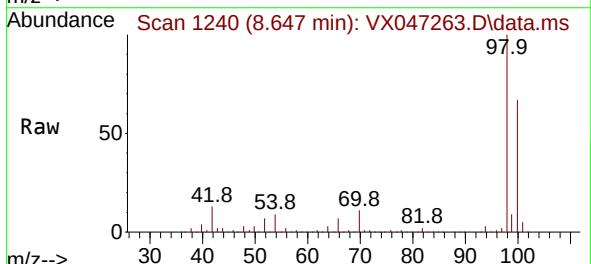
Manual Integrations
APPROVED

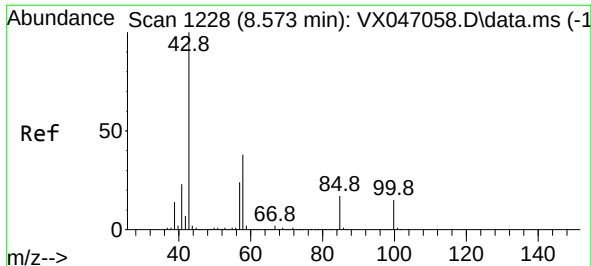
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#50
Toluene-d8
Concen: 45.110 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

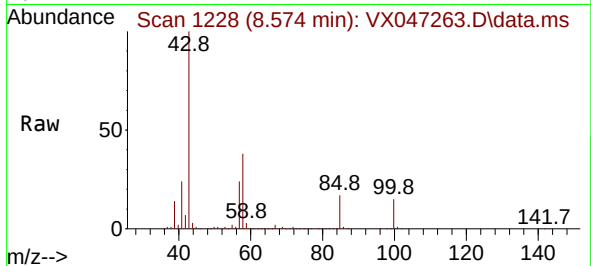
Tgt Ion: 98 Resp: 365195
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9





#51
4-Methyl-2-Pentanone
Concen: 252.947 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

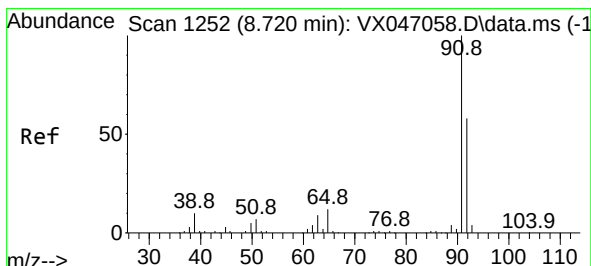
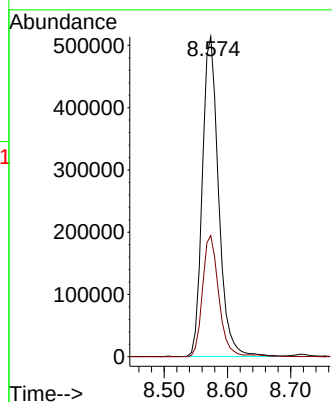
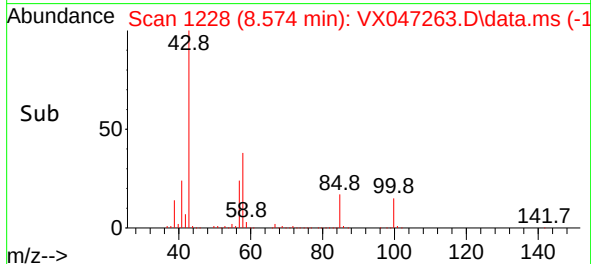
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



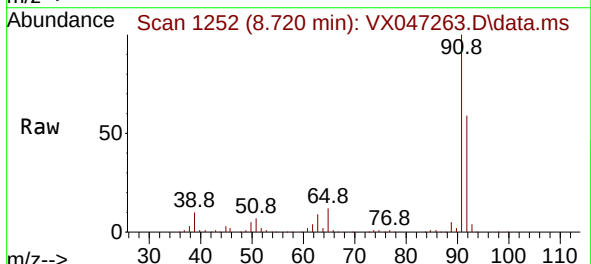
Tgt Ion: 43 Resp: 920319
Ion Ratio Lower Upper
43 100
58 37.5 30.6 45.8

Manual Integrations
APPROVED

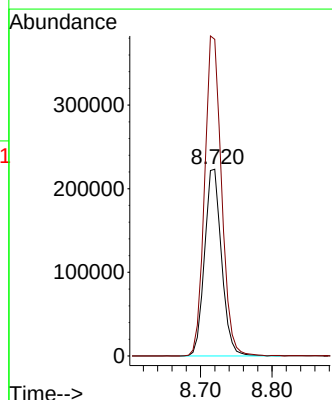
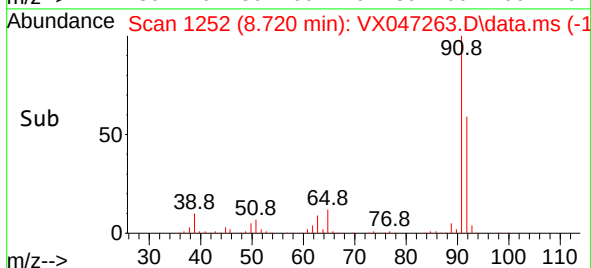
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

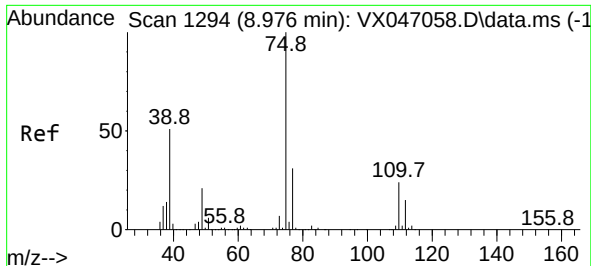


#52
Toluene
Concen: 48.626 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04



Tgt Ion: 92 Resp: 368712
Ion Ratio Lower Upper
92 100
91 170.5 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 51.860 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 22576

Ion Ratio Lower Upper

75 100

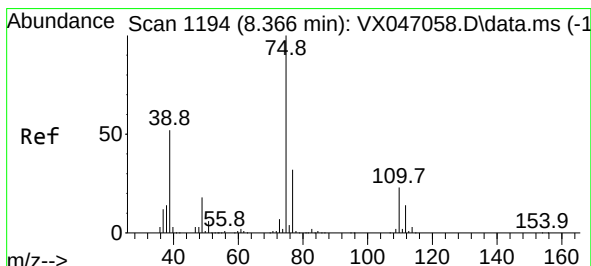
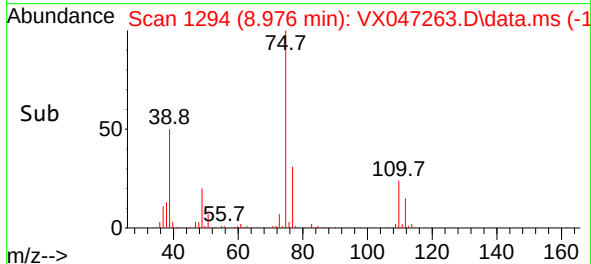
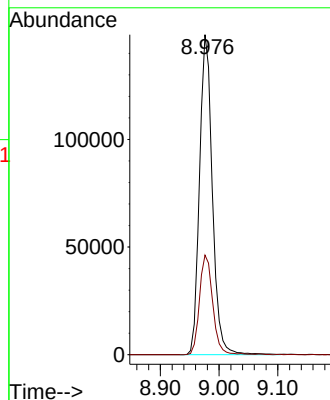
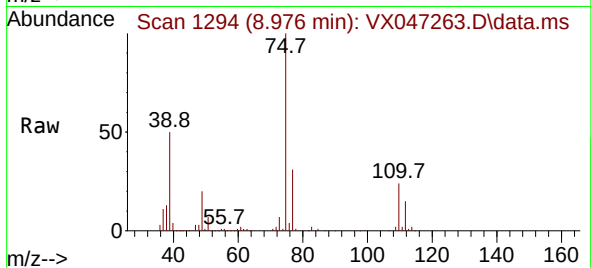
77 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#54

cis-1,3-Dichloropropene

Concen: 51.683 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

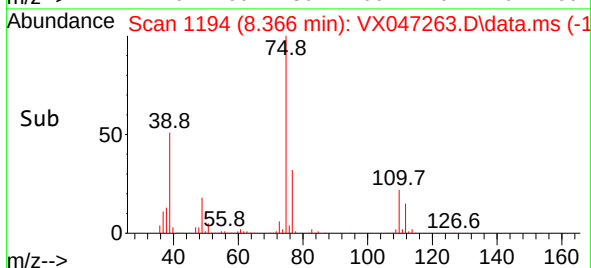
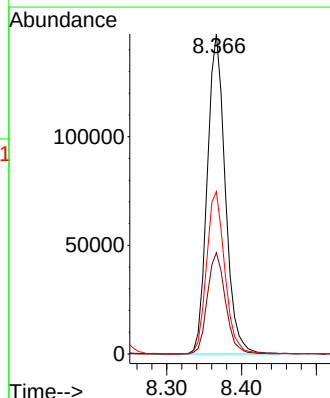
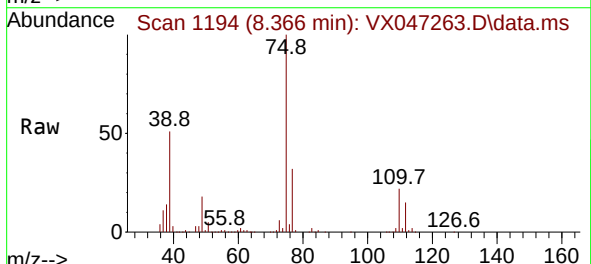
Tgt Ion: 75 Resp: 246252

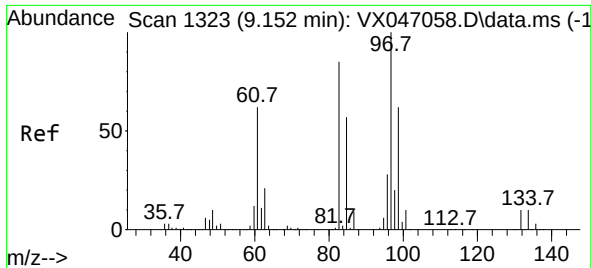
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 50.7 41.8 62.6





#55
1,1,2-Trichloroethane
Concen: 51.745 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

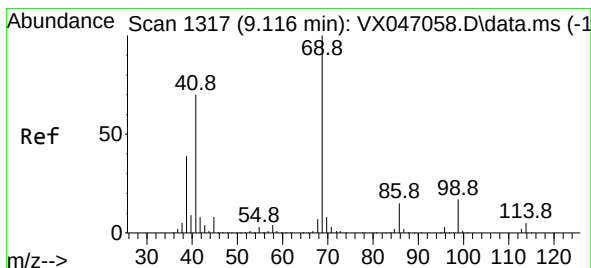
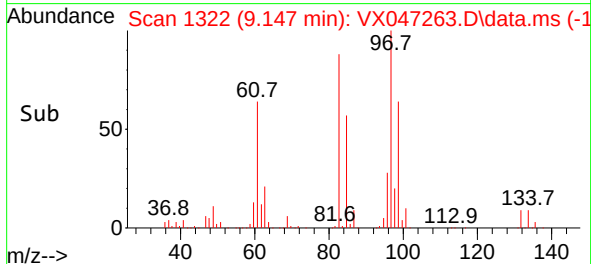
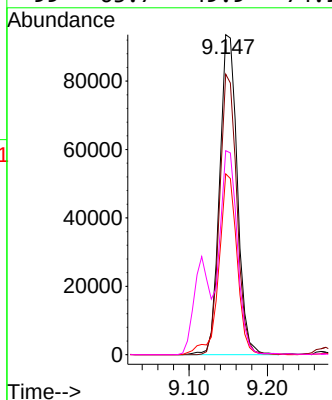
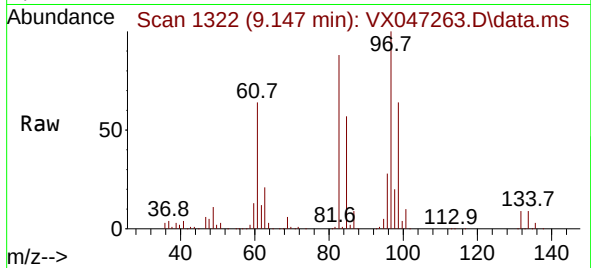
Tgt Ion: 97 Resp: 147145

Ion	Ratio	Lower	Upper
97	100		
83	89.1	68.0	102.0
85	56.5	45.2	67.8
99	63.7	49.9	74.9

Manual Integrations

APPROVED

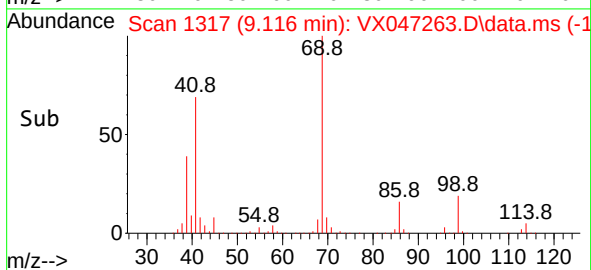
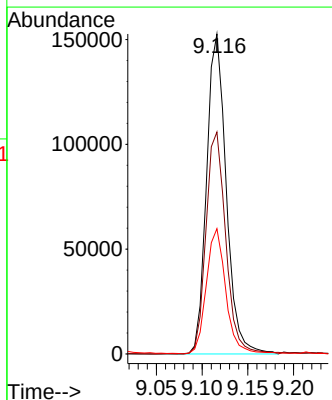
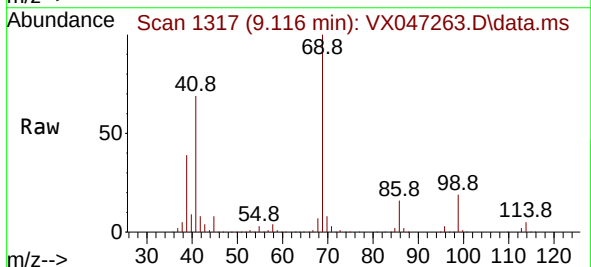
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

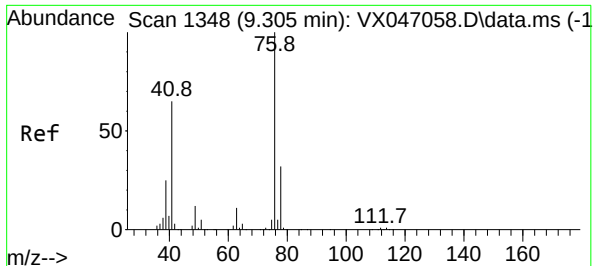


#56
Ethyl methacrylate
Concen: 54.054 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 69 Resp: 227558

Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.1	84.1
39	39.1	31.1	46.7





#57

1,3-Dichloropropane

Concen: 51.537 ug/l

RT: 9.305 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 25470

Ion Ratio Lower Upper

76 100

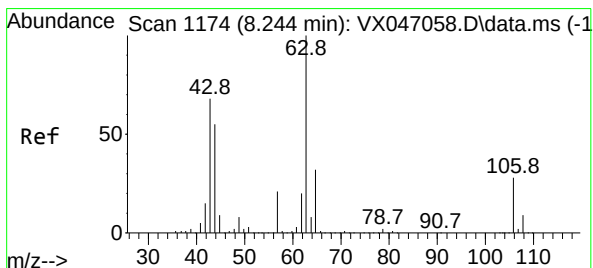
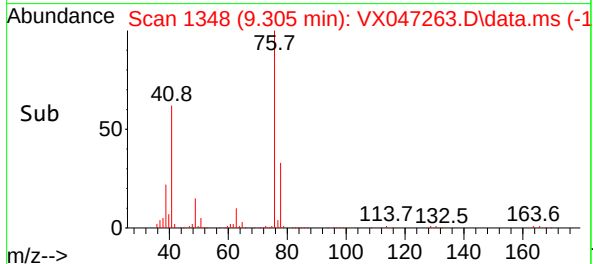
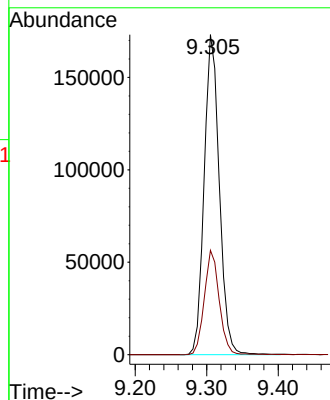
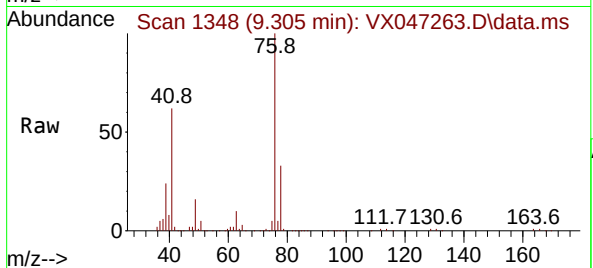
78 32.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 247.148 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047263.D

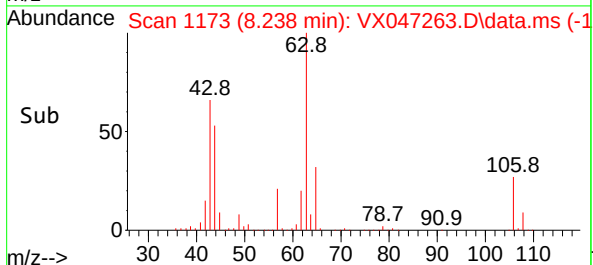
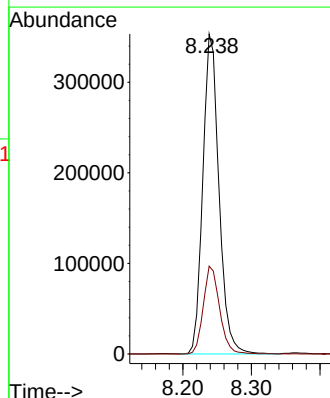
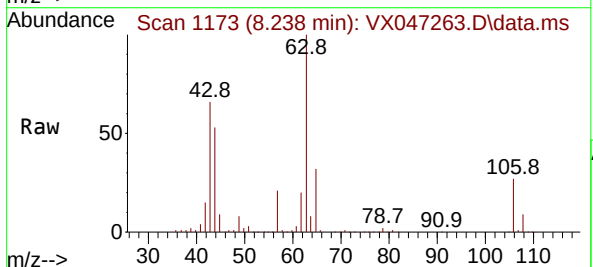
Acq: 08 Aug 2025 11:04

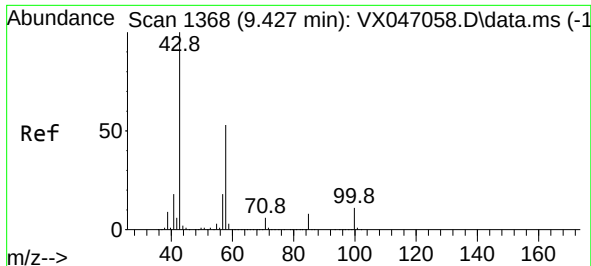
Tgt Ion: 63 Resp: 578974

Ion Ratio Lower Upper

63 100

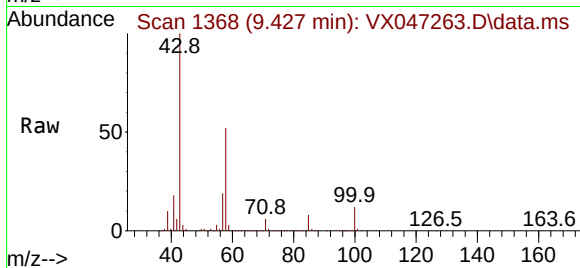
106 27.8 22.2 33.4





#59
2-Hexanone
Concen: 256.730 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

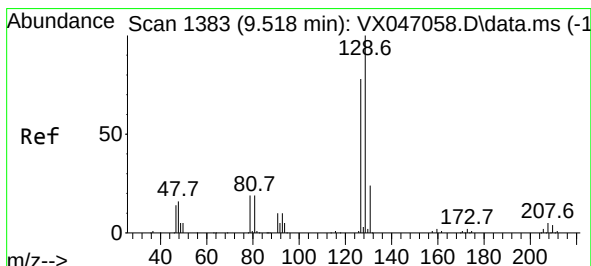
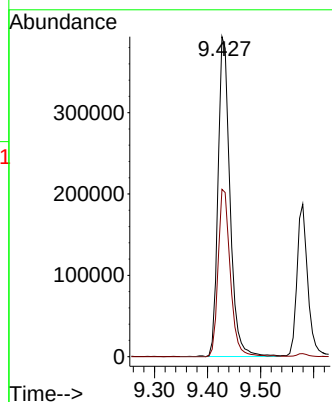
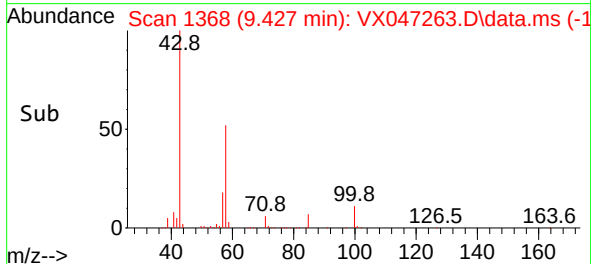
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 61713
Ion Ratio Lower Upper
43 100
58 53.4 26.5 79.5

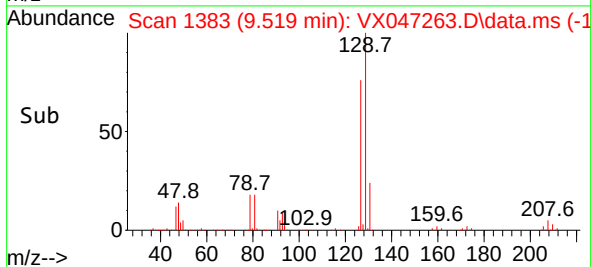
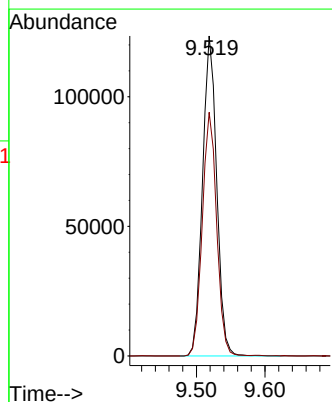
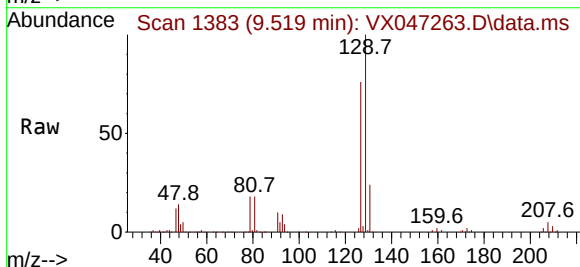
Manual Integrations
APPROVED

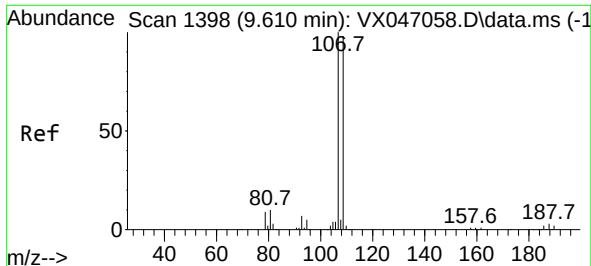
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#60
Dibromochloromethane
Concen: 53.388 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

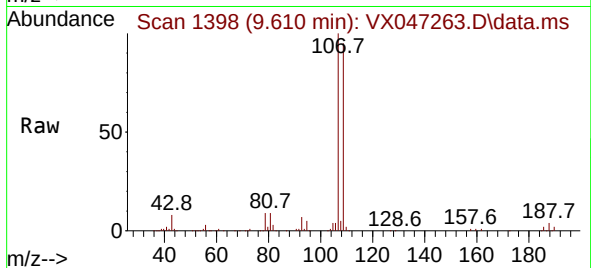
Tgt Ion:129 Resp: 178055
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 50.930 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

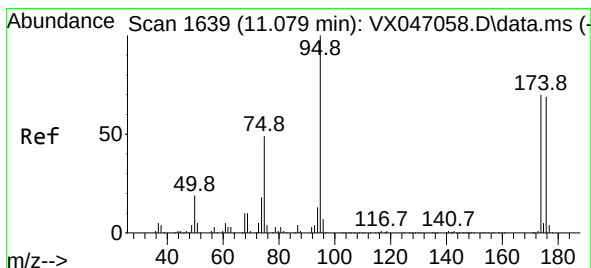
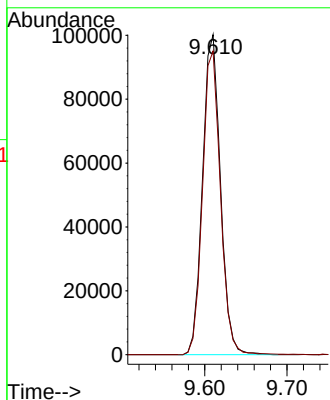
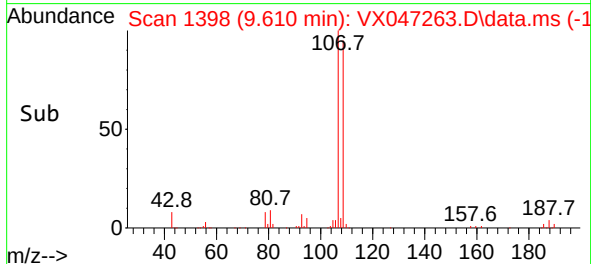
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



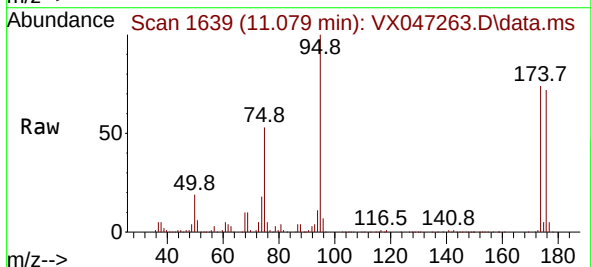
Tgt Ion:107 Resp: 15143
Ion Ratio Lower Upper
107 100
109 95.0 74.6 112.0

Manual Integrations
APPROVED

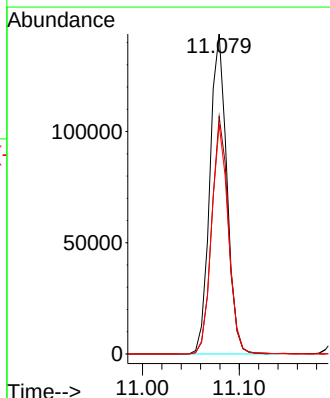
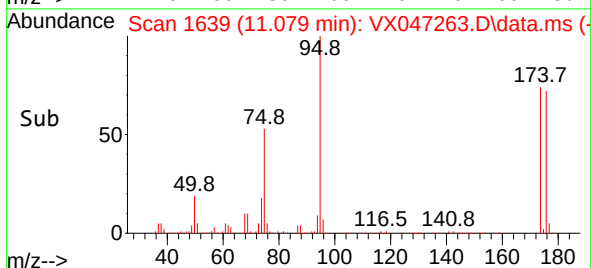
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

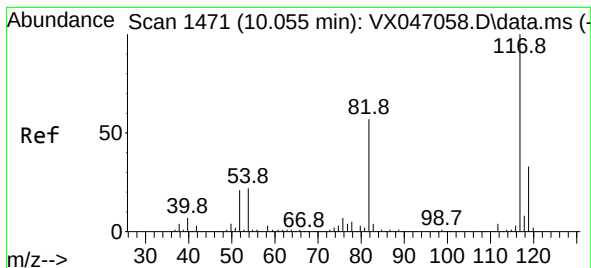


#62
4-Bromofluorobenzene
Concen: 50.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04



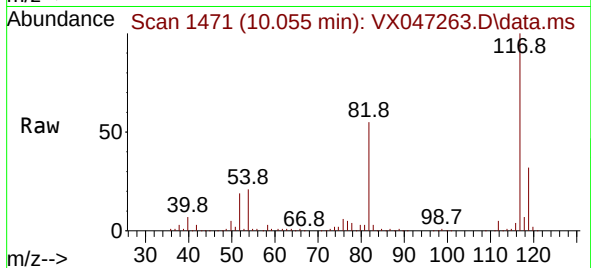
Tgt Ion: 95 Resp: 175814
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.6
176 70.9 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

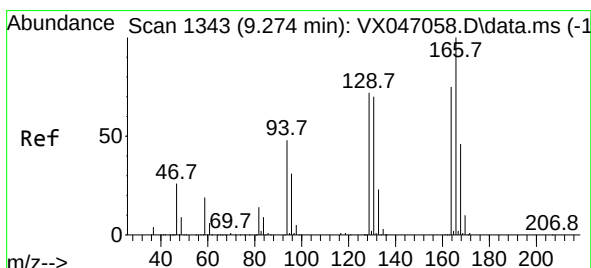
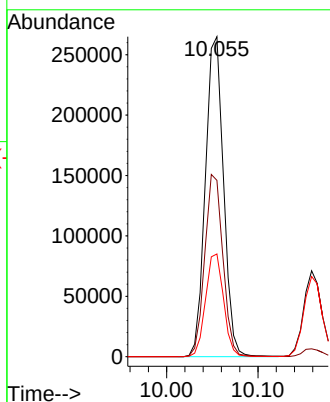
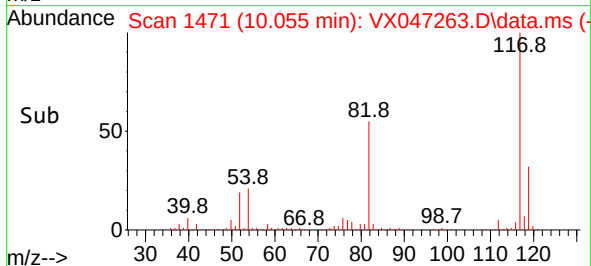
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 364540
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 32.1 26.1 39.1

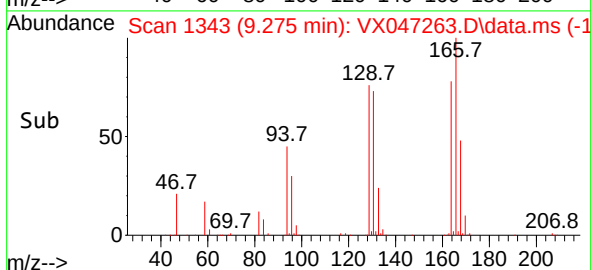
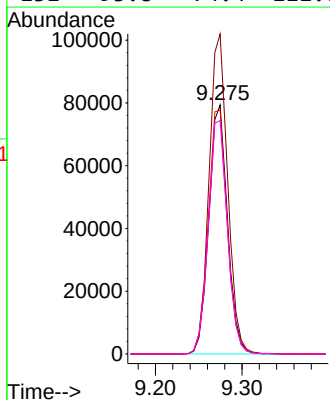
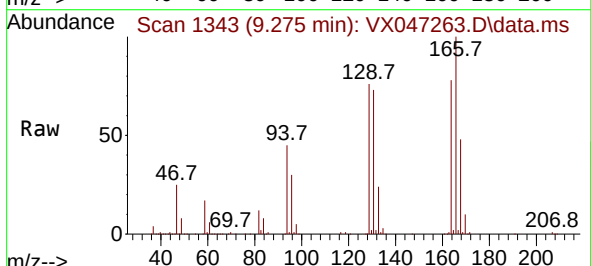
Manual Integrations
APPROVED

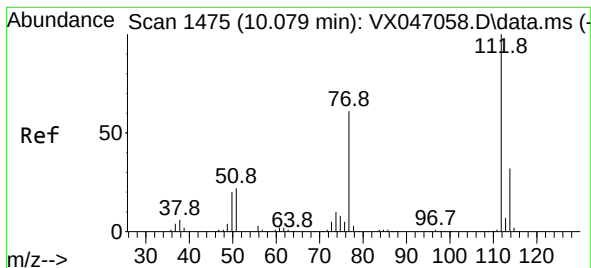
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#64
Tetrachloroethene
Concen: 45.025 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion:164 Resp: 118324
Ion Ratio Lower Upper
164 100
166 128.6 106.2 159.4
129 98.0 76.6 114.8
131 93.8 74.4 111.6





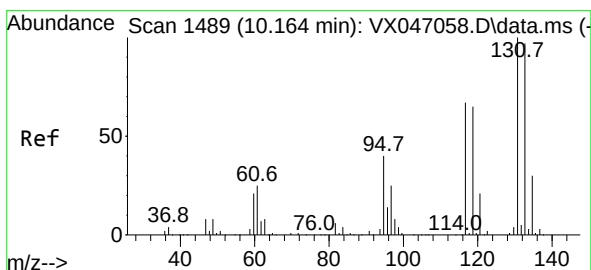
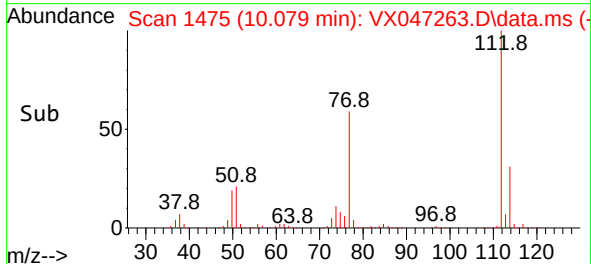
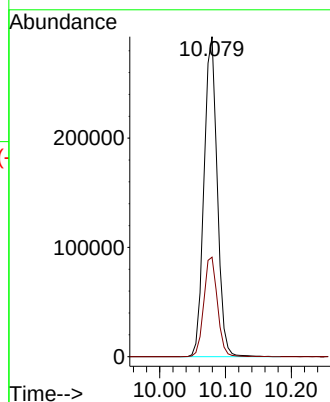
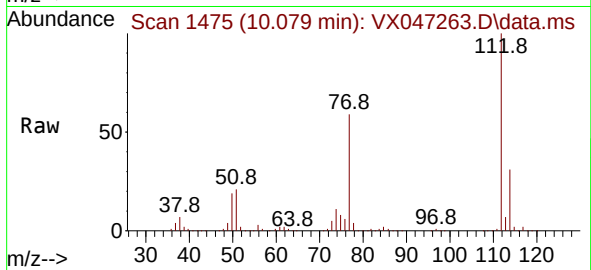
#65
Chlorobenzene
Concen: 47.963 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 409612
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6

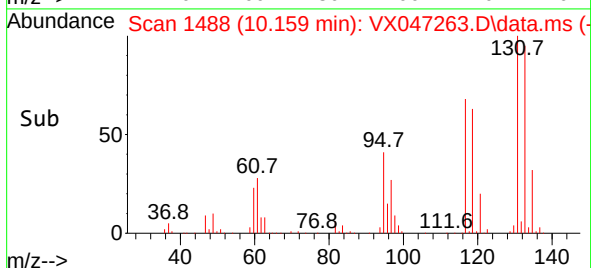
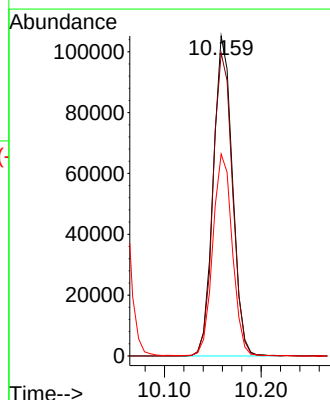
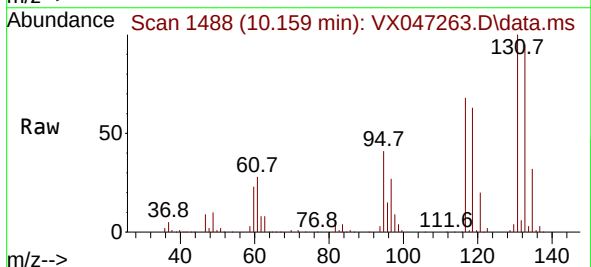
Manual Integrations
APPROVED

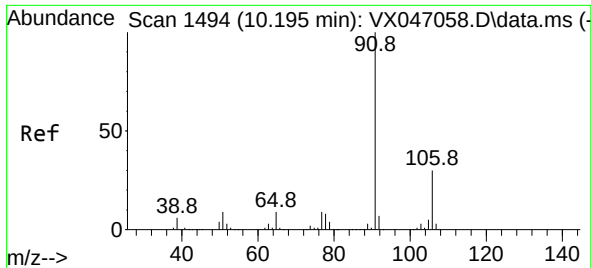
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.390 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

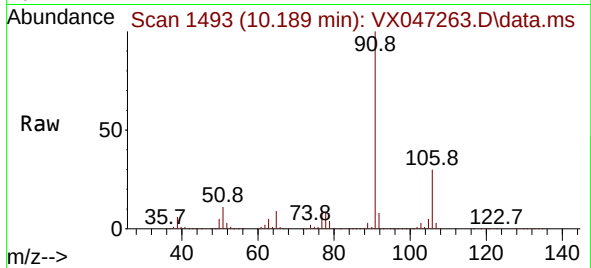
Tgt Ion:131 Resp: 144886
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.3
119 63.7 32.4 97.0





#67
Ethyl Benzene
Concen: 47.356 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

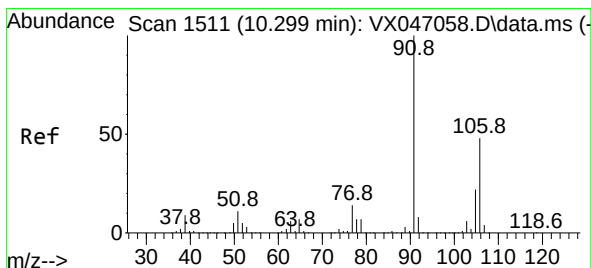
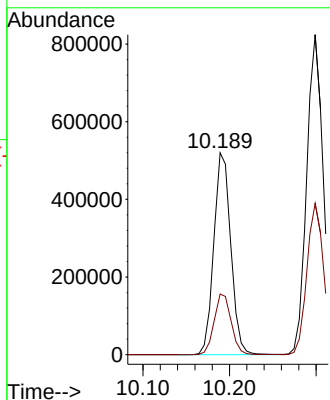
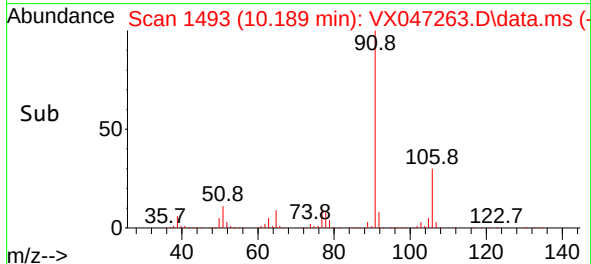
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 707124
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4

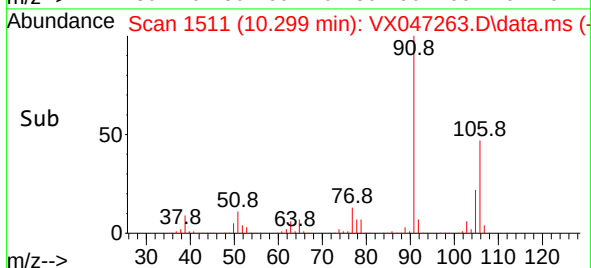
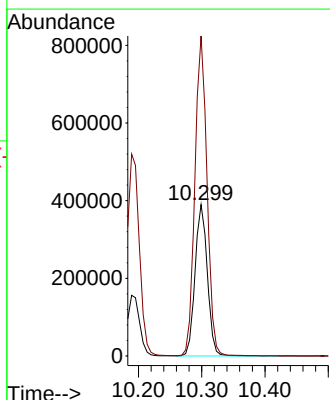
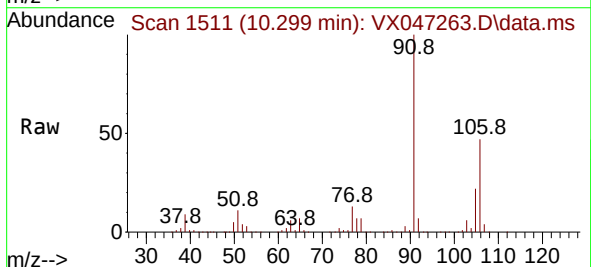
Manual Integrations
APPROVED

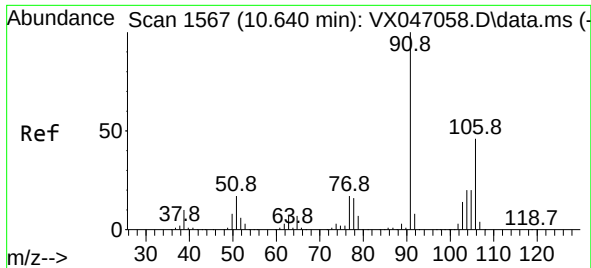
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#68
m/p-Xylenes
Concen: 94.281 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

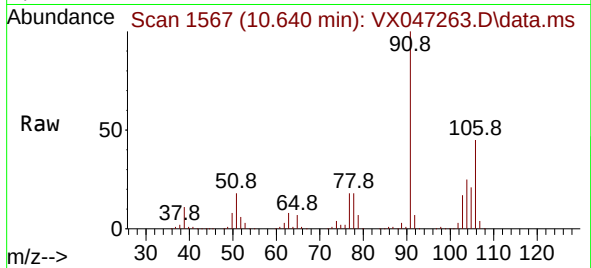
Tgt Ion:106 Resp: 526829
Ion Ratio Lower Upper
106 100
91 209.1 167.4 251.0





#69
o-Xylene
Concen: 48.337 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

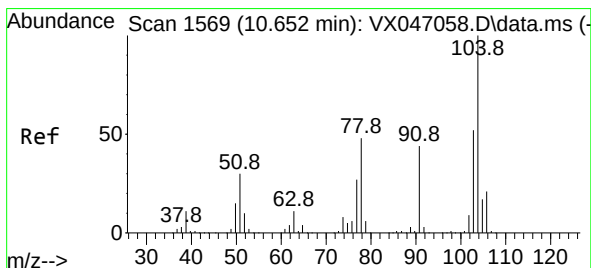
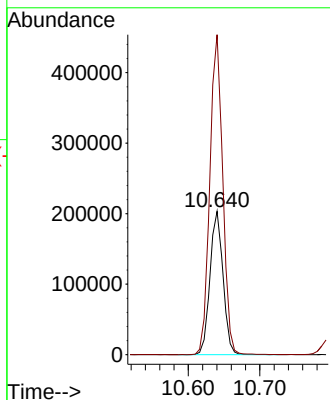
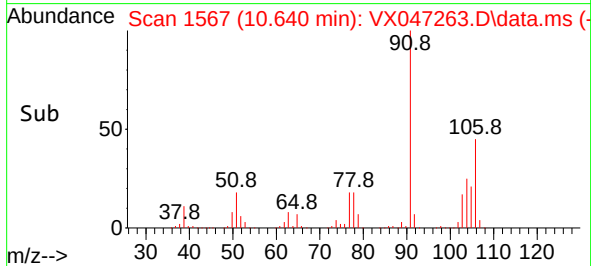
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 256952
Ion Ratio Lower Upper
106 100
91 221.8 110.3 331.0

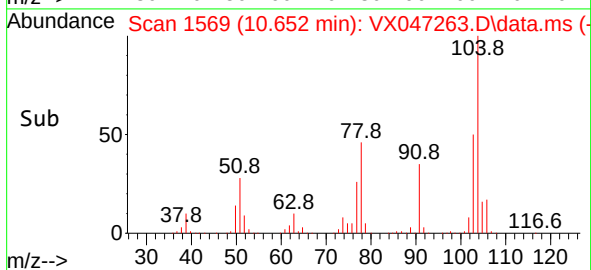
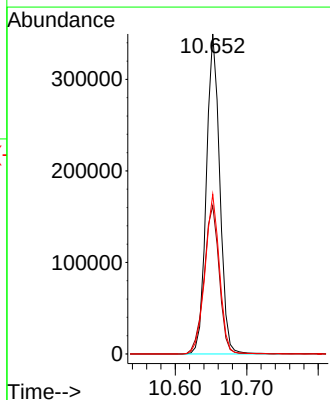
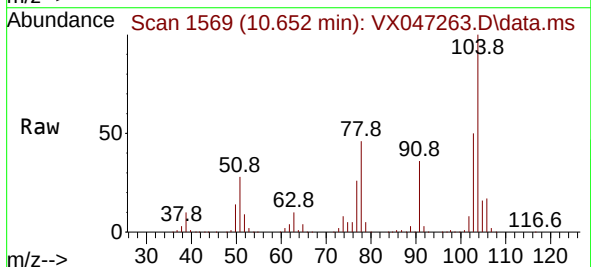
Manual Integrations
APPROVED

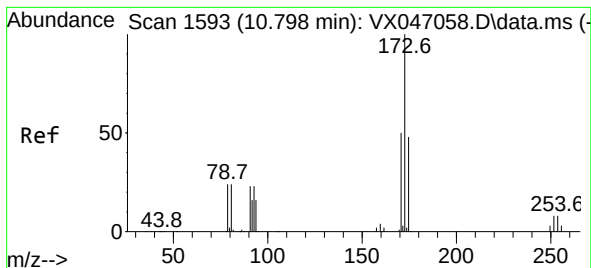
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#70
Styrene
Concen: 49.975 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

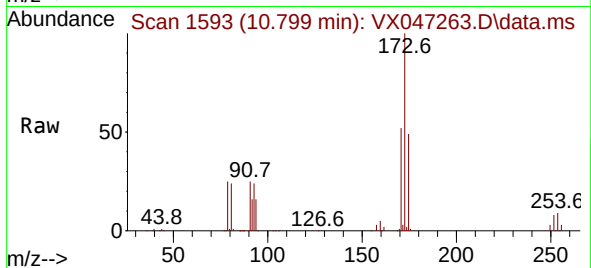
Tgt Ion:104 Resp: 455538
Ion Ratio Lower Upper
104 100
78 52.3 42.0 63.0
103 53.7 43.8 65.6





#71
Bromoform
Concen: 50.992 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

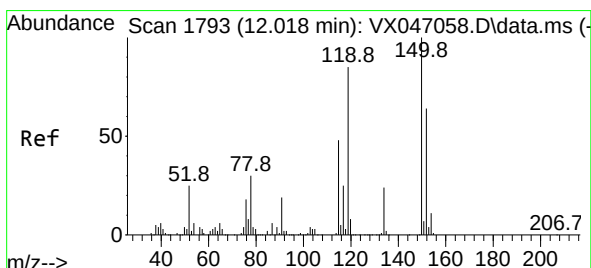
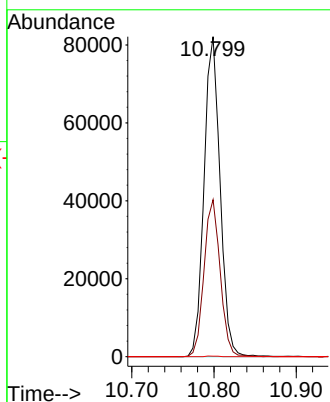
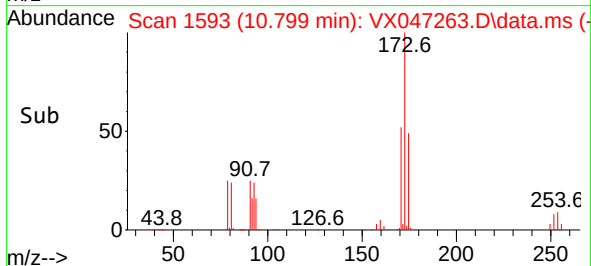
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



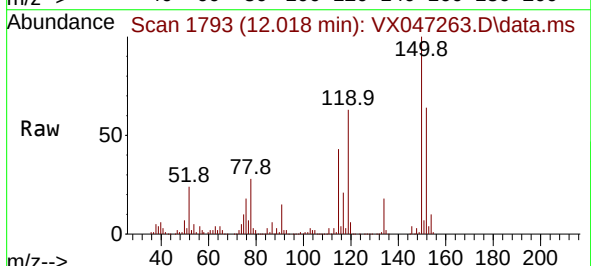
Tgt Ion:173 Resp: 111372
Ion Ratio Lower Upper
173 100
175 49.4 24.2 72.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

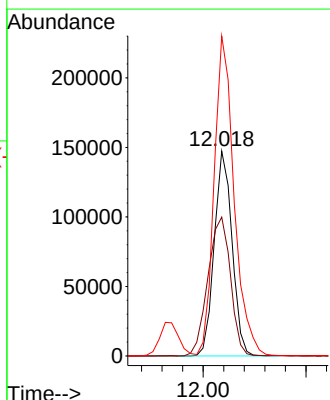
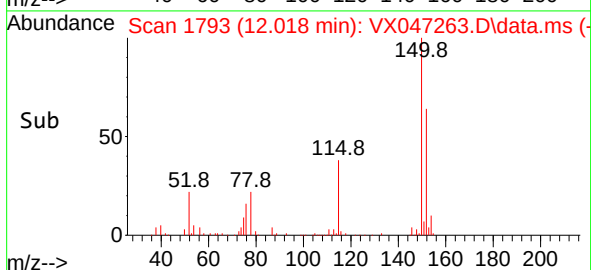
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

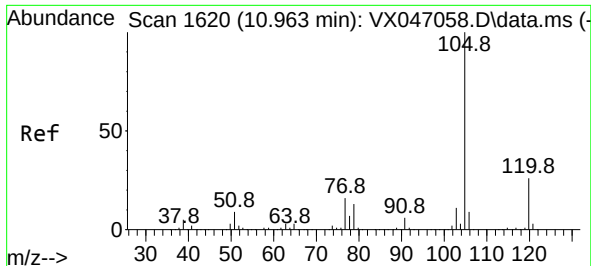


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04



Tgt Ion:152 Resp: 177002
Ion Ratio Lower Upper
152 100
115 85.8 45.6 136.7
150 175.2 0.0 354.6





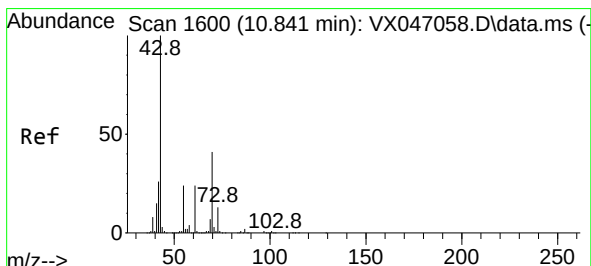
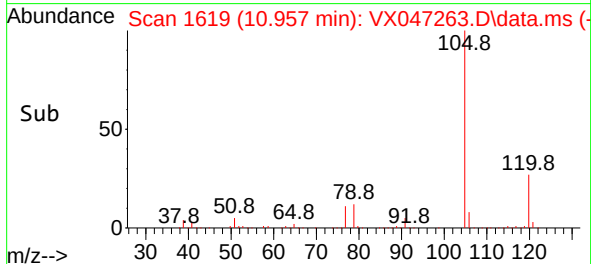
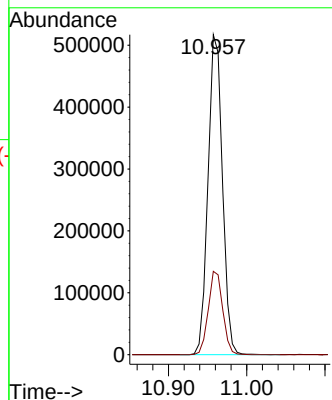
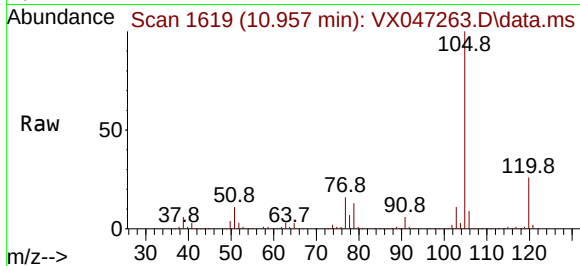
#73
Isopropylbenzene
Concen: 47.143 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 658310
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.7

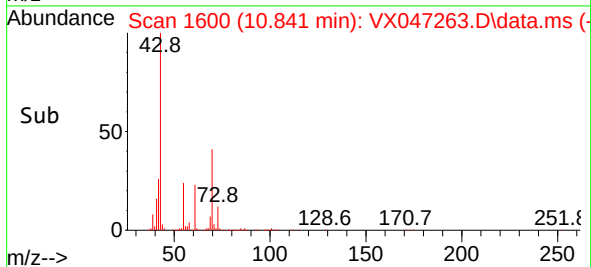
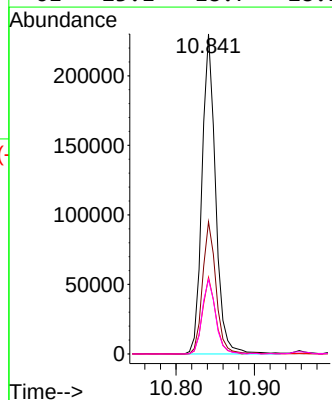
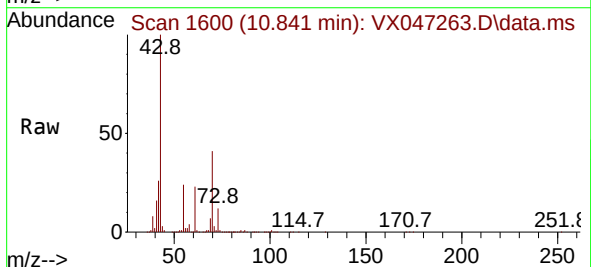
Manual Integrations
APPROVED

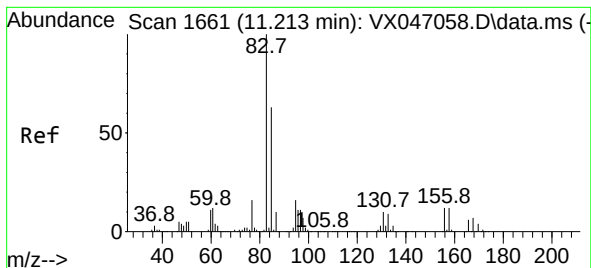
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#74
N-ethyl acetate
Concen: 49.185 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 43 Resp: 277128
Ion Ratio Lower Upper
43 100
70 41.0 32.3 48.5
55 23.3 18.9 28.3
61 23.1 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.900 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 19904

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

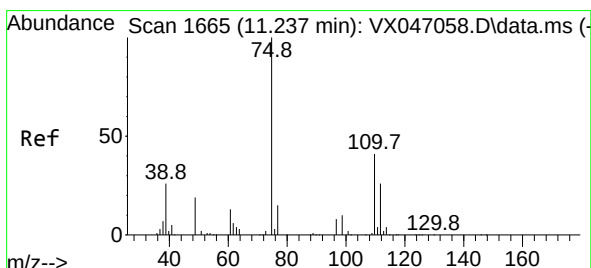
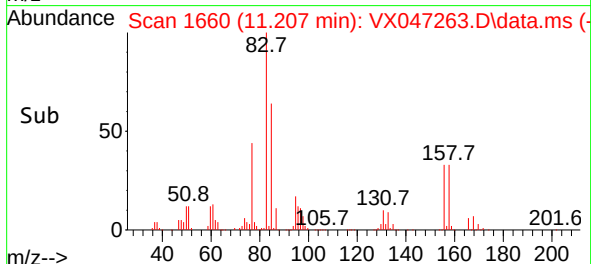
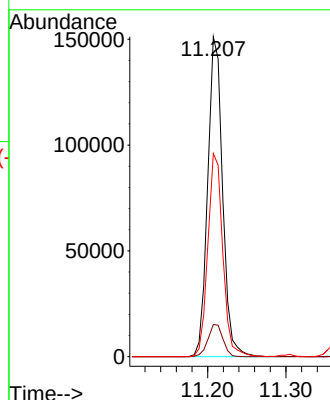
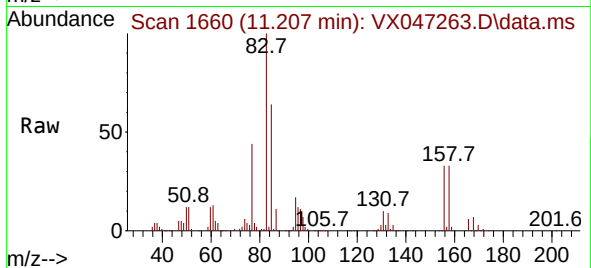
85 63.7 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#76

1,2,3-Trichloropropane

Concen: 50.928 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX047263.D

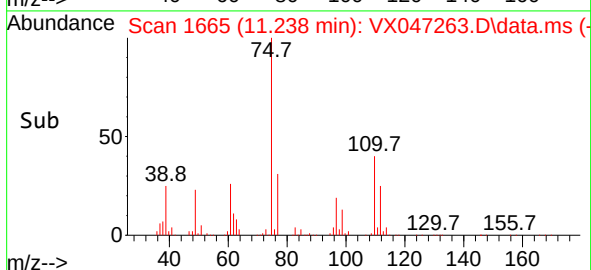
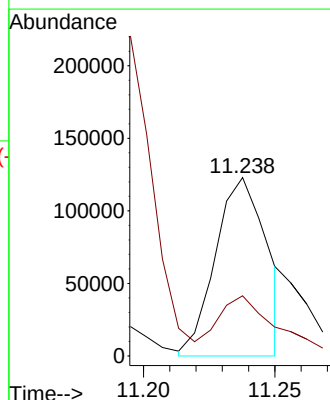
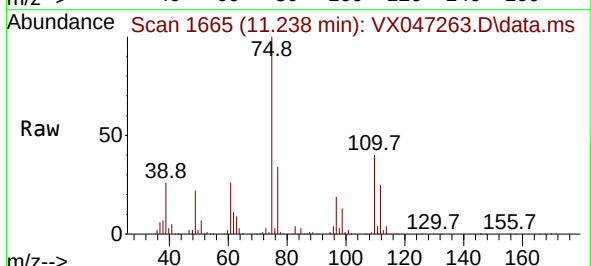
Acq: 08 Aug 2025 11:04

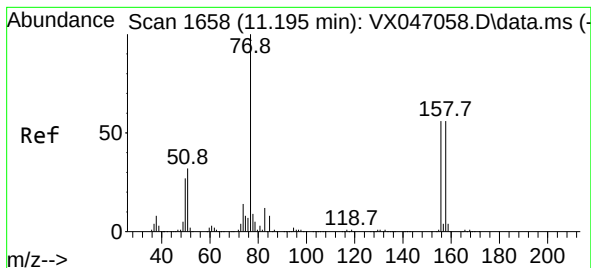
Tgt Ion: 75 Resp: 166853

Ion Ratio Lower Upper

75 100

77 39.3 21.6 65.0





#77

Bromobenzene

Concen: 49.444 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 165609

Ion Ratio Lower Upper

156 100

77 172.7 87.3 261.9

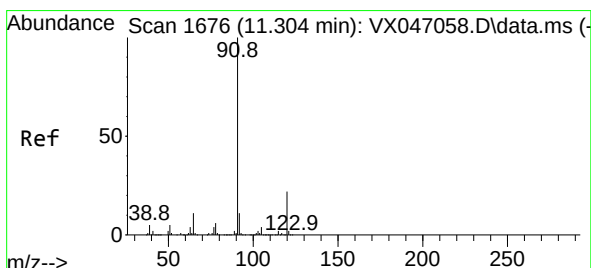
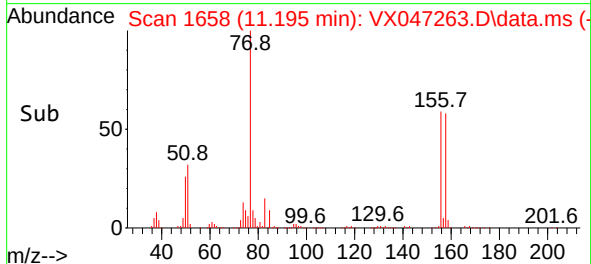
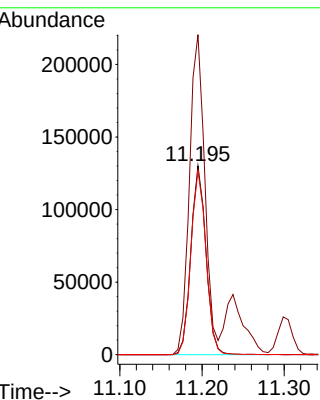
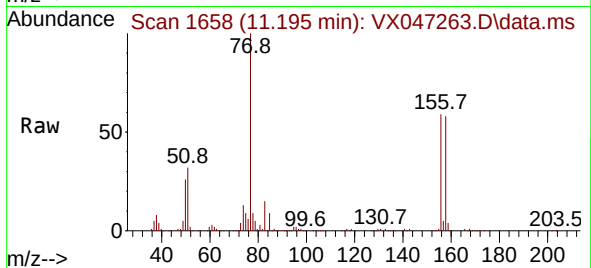
158 98.0 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#78

n-propylbenzene

Concen: 46.768 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX047263.D

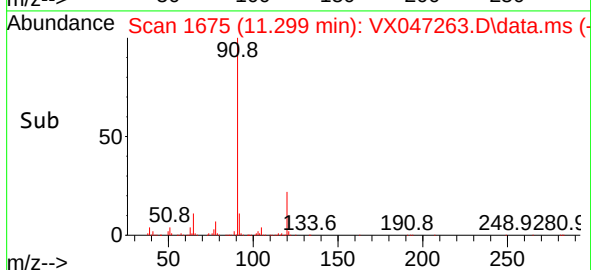
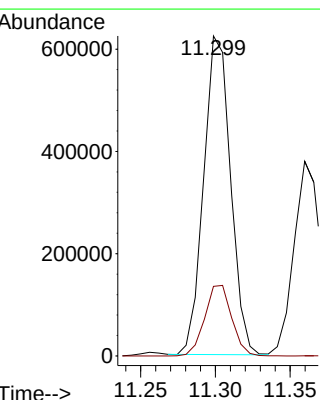
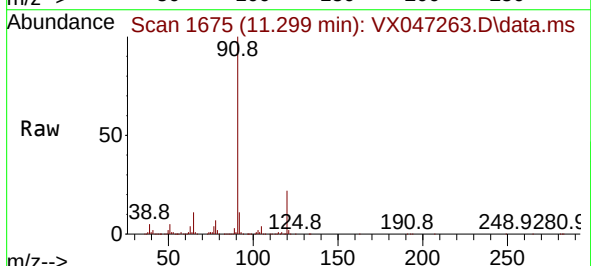
Acq: 08 Aug 2025 11:04

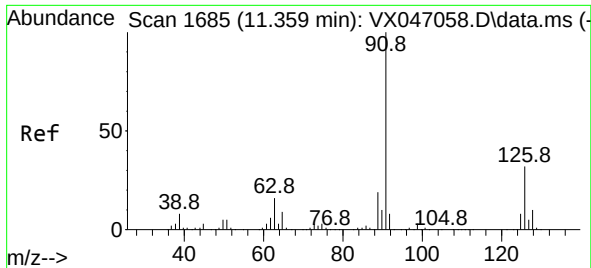
Tgt Ion: 91 Resp: 780436

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0





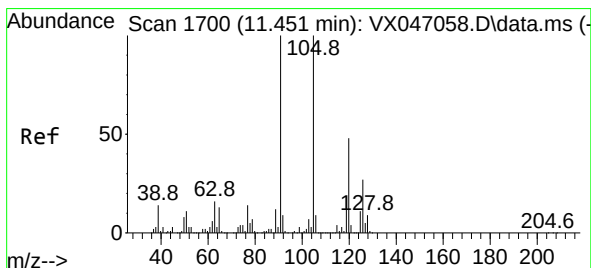
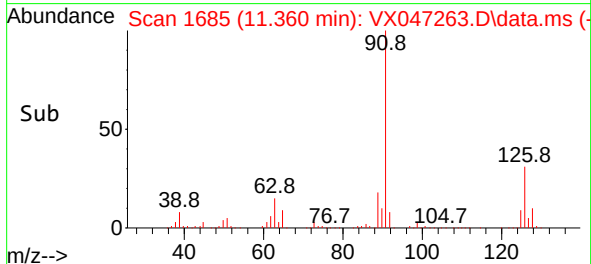
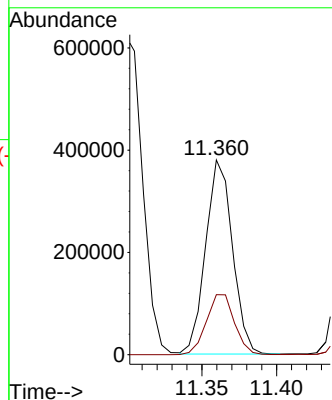
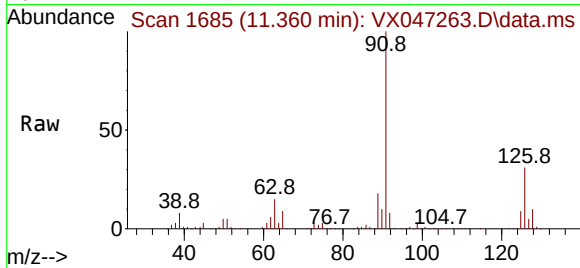
#79
2-Chlorotoluene
Concen: 47.530 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 474112
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4

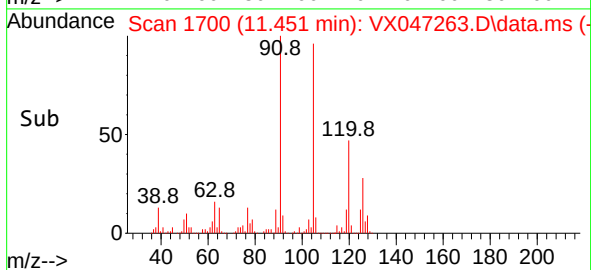
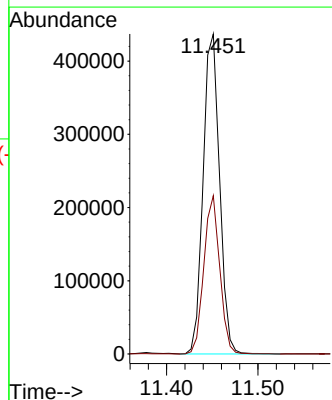
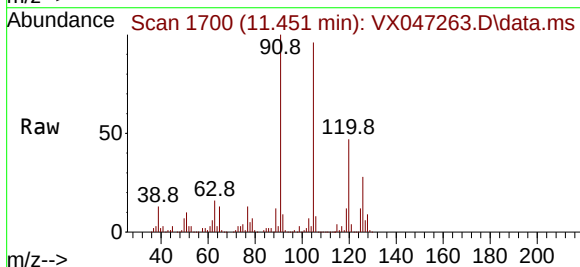
Manual Integrations
APPROVED

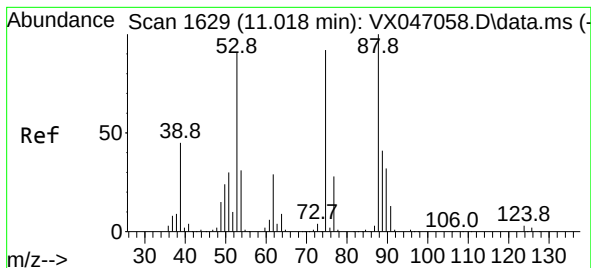
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.267 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

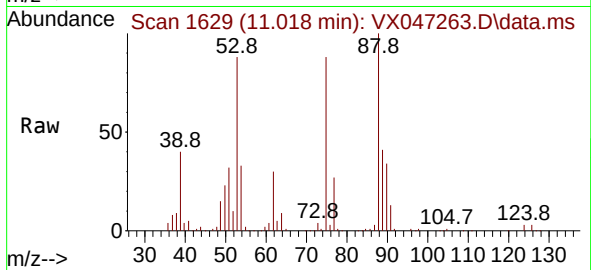
Tgt Ion:105 Resp: 545300
Ion Ratio Lower Upper
105 100
120 47.8 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 34.499 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

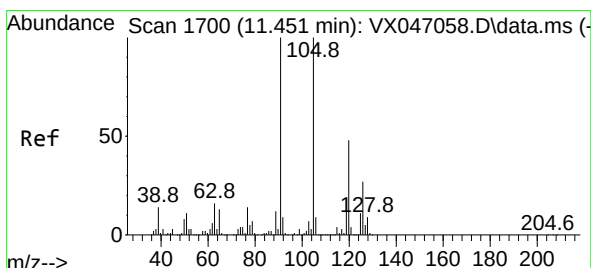
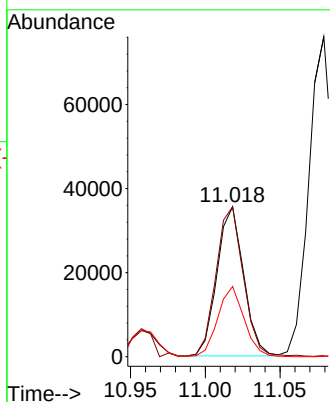
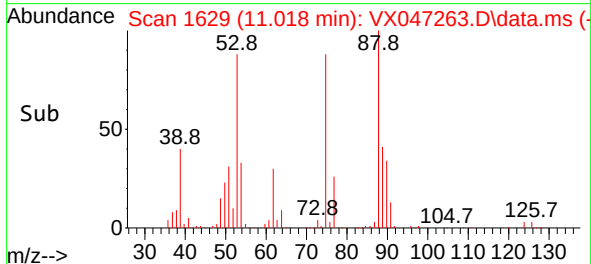
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 43870
Ion Ratio Lower Upper
75 100
53 102.8 84.2 126.4
89 46.6 36.0 54.0

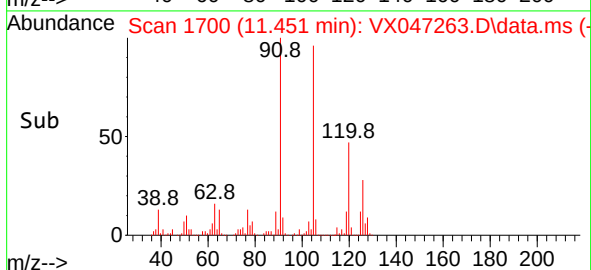
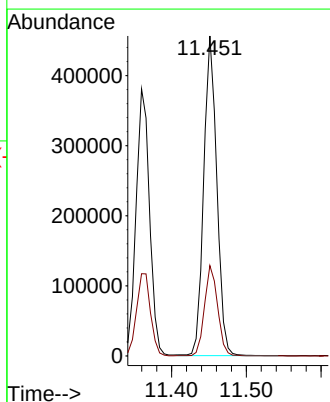
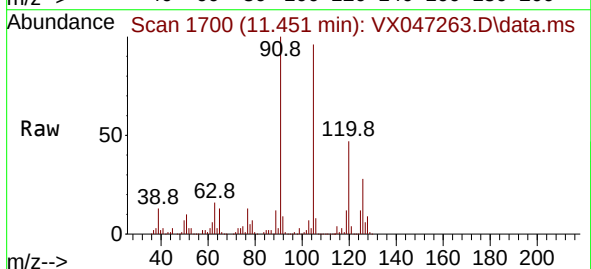
Manual Integrations
APPROVED

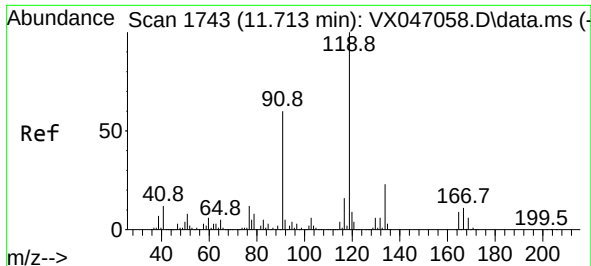
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#82
4-Chlorotoluene
Concen: 47.595 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

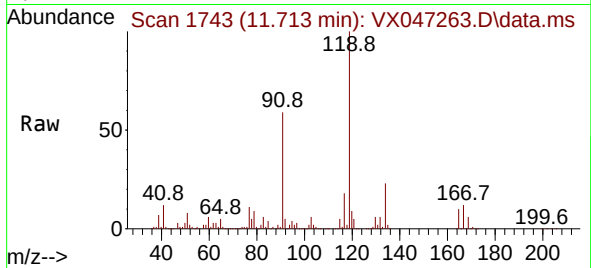
Tgt Ion: 91 Resp: 554152
Ion Ratio Lower Upper
91 100
126 28.4 14.1 42.3





#83
tert-Butylbenzene
Concen: 47.613 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

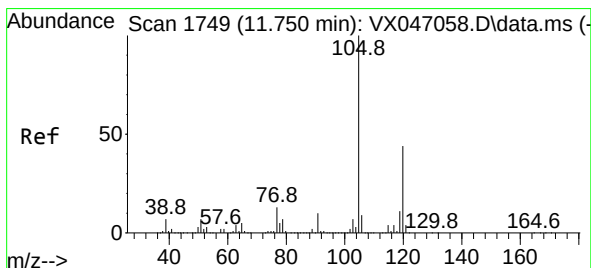
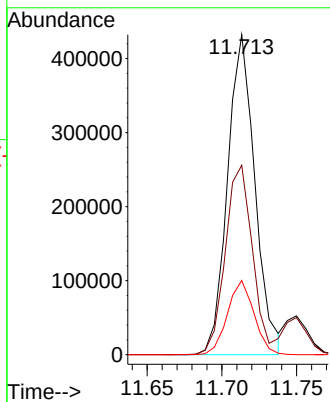
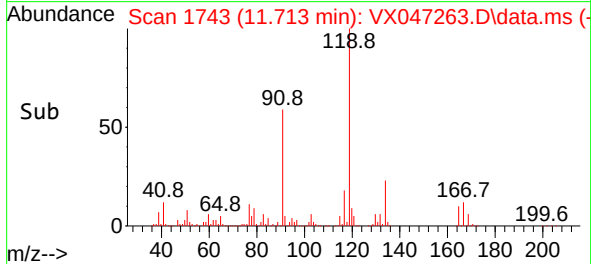
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



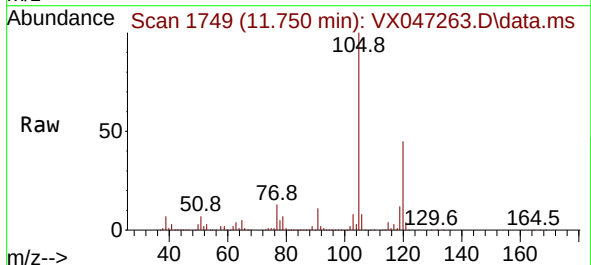
Tgt Ion:119 Resp: 551319
Ion Ratio Lower Upper
119 100
91 58.3 29.6 88.8
134 22.5 11.4 34.1

Manual Integrations
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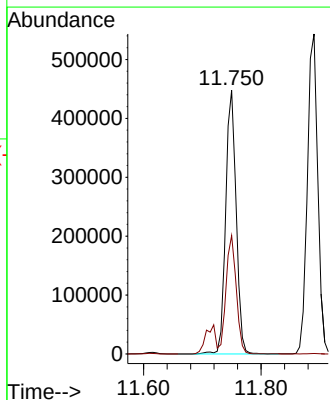
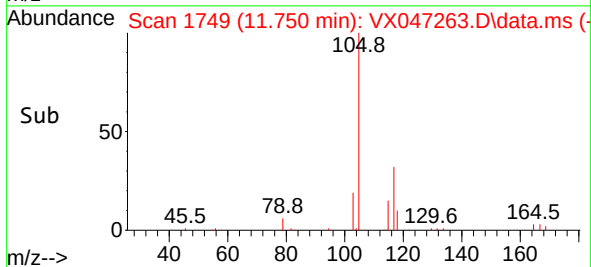
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

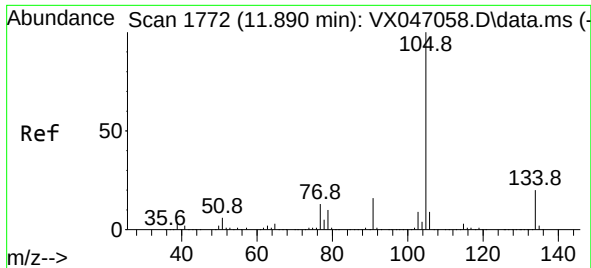


#84
1,2,4-Trimethylbenzene
Concen: 48.221 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04



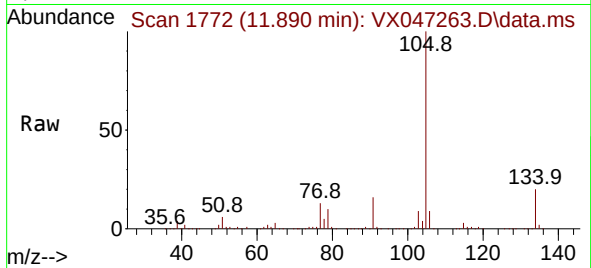
Tgt Ion:105 Resp: 554881
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 46.241 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04

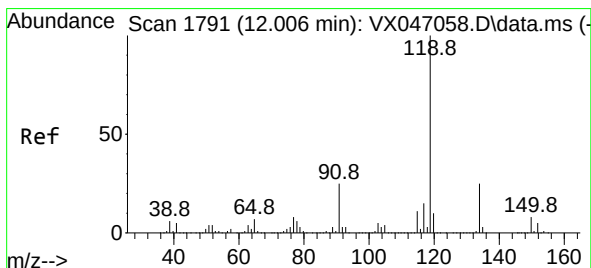
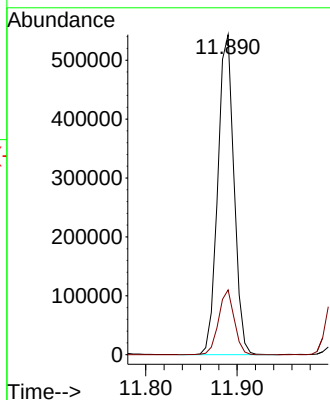
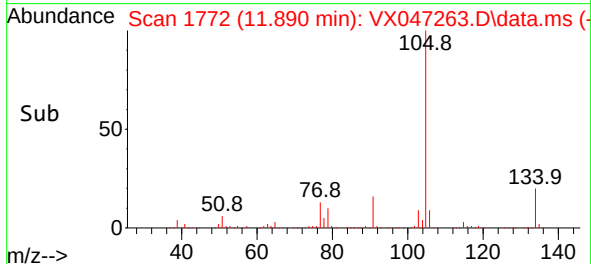
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



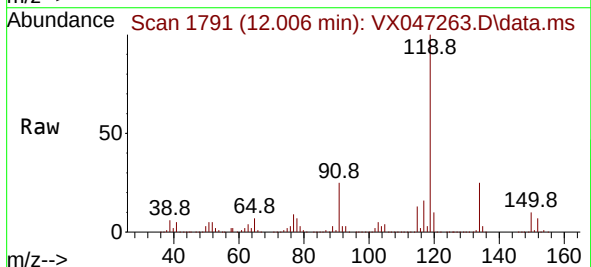
Tgt Ion:105 Resp: 669009
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

Manual Integrations
 APPROVED

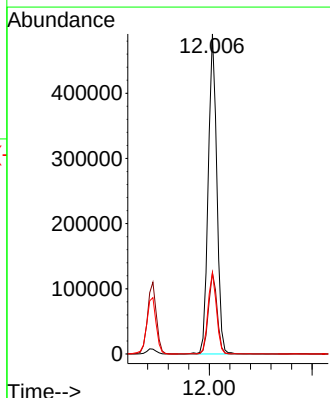
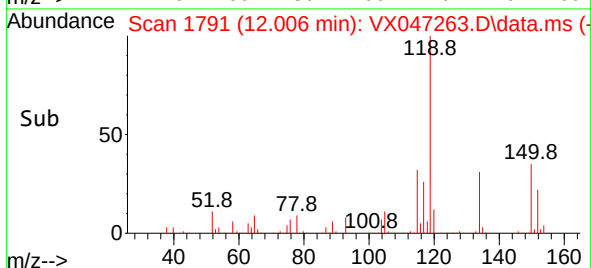
Reviewed By :John Carlone 08/12/2025
 Supervised By :Mahesh Dadoda 08/12/2025

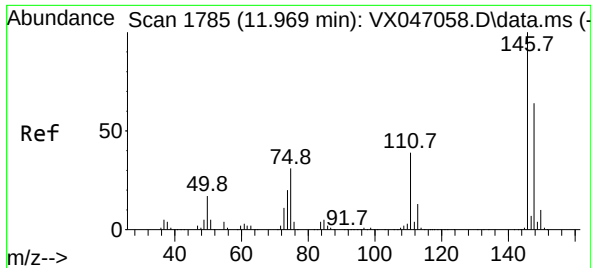


#86
 p-Isopropyltoluene
 Concen: 47.139 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047263.D
 Acq: 08 Aug 2025 11:04



Tgt Ion:119 Resp: 565570
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 25.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 47.668 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 30336

Ion Ratio Lower Upper

146 100

111 42.4 21.0 63.0

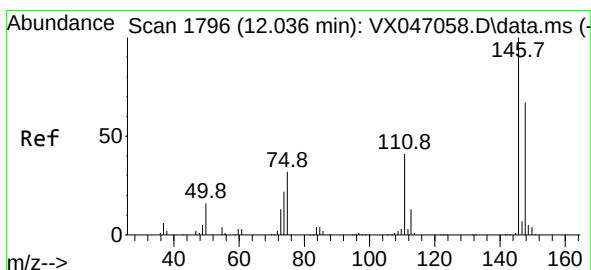
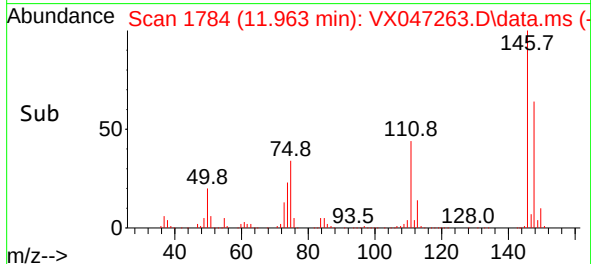
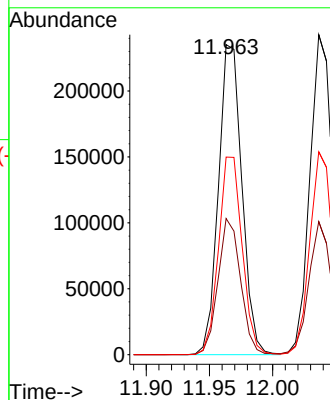
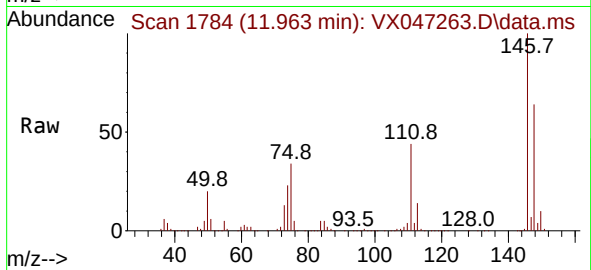
148 64.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/12/2025

Supervised By :Mahesh Dadoda 08/12/2025



#88

1,4-Dichlorobenzene

Concen: 46.961 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047263.D

Acq: 08 Aug 2025 11:04

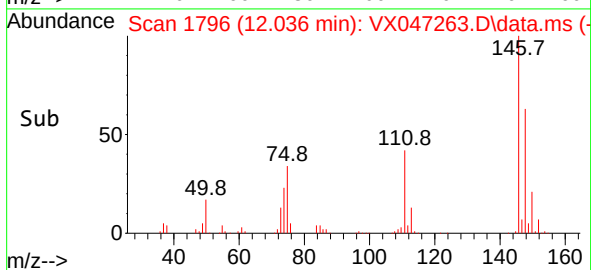
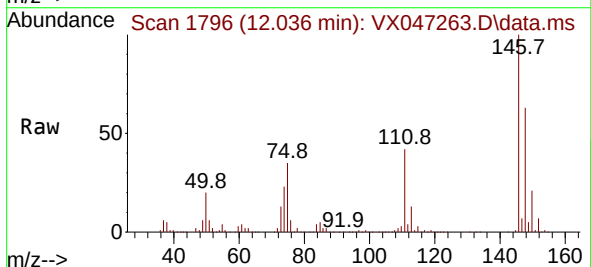
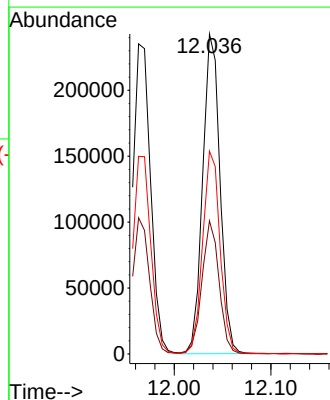
Tgt Ion:146 Resp: 302789

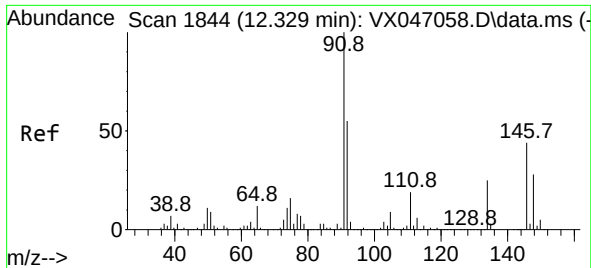
Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.9

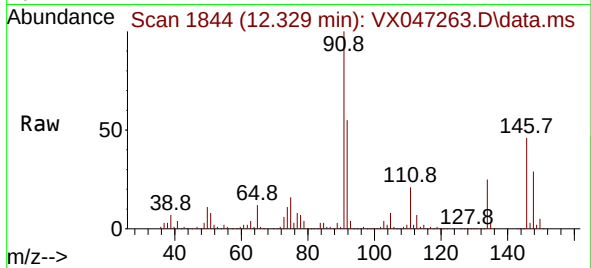
148 63.9 33.0 98.9





#89
n-Butylbenzene
Concen: 46.840 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

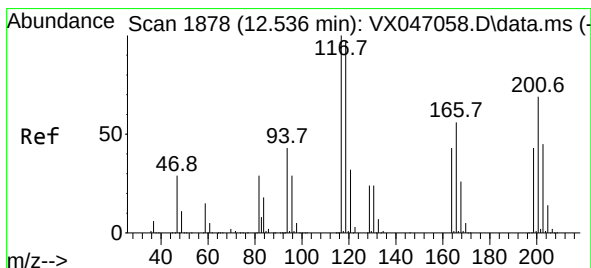
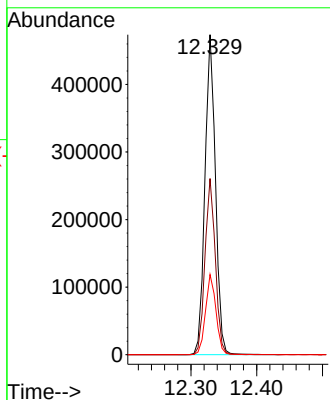
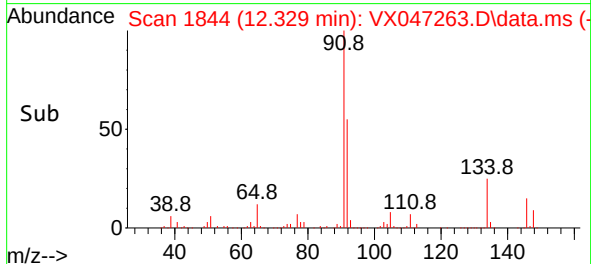
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 52702
Ion Ratio Lower Upper
91 100
92 54.3 27.5 82.5
134 25.0 12.8 38.3

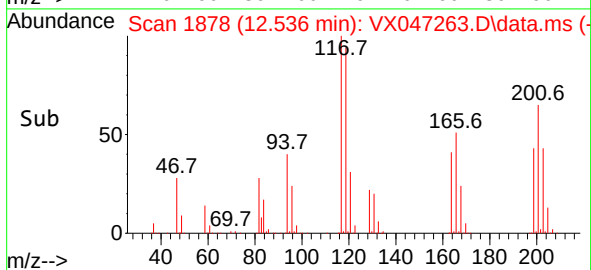
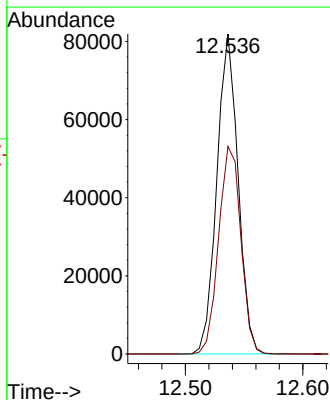
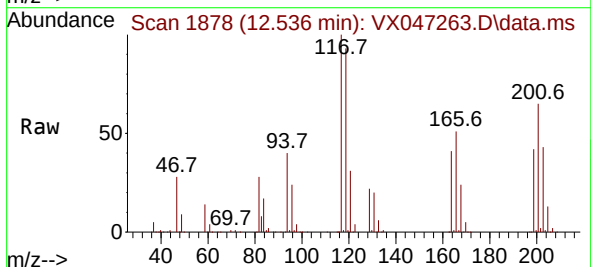
Manual Integrations
APPROVED

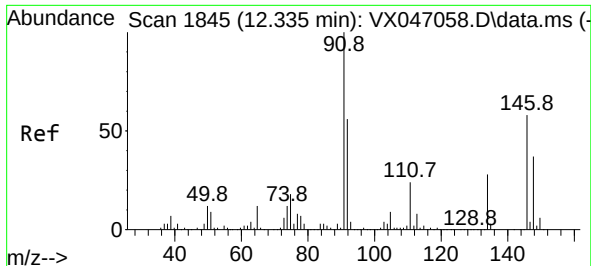
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#90
Hexachloroethane
Concen: 47.912 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion:117 Resp: 102837
Ion Ratio Lower Upper
117 100
201 68.0 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 47.490 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

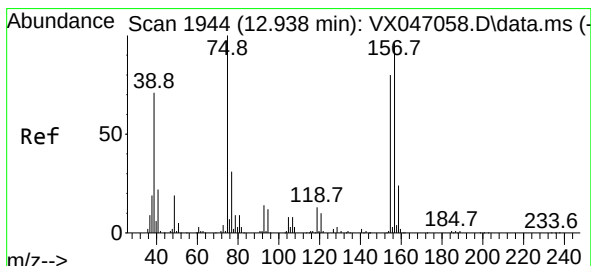
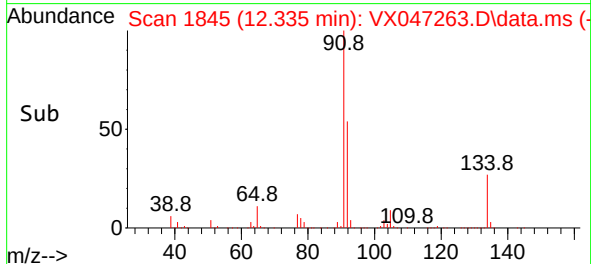
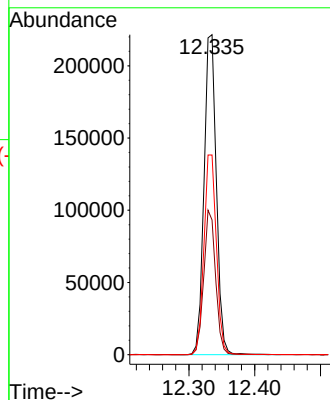
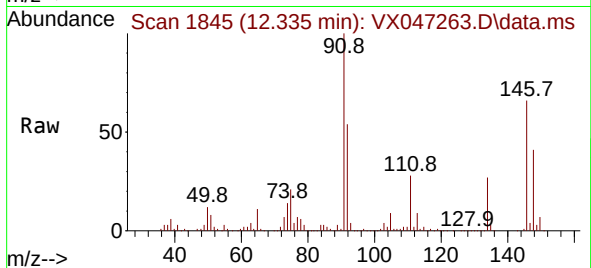
Tgt Ion:146 Resp: 28886
Ion Ratio Lower Upper
146 100
111 43.6 21.6 64.6
148 63.2 31.9 95.7

Manual Integrations

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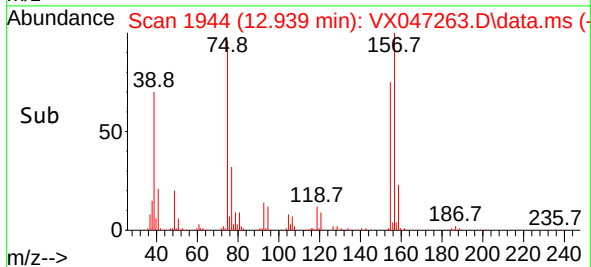
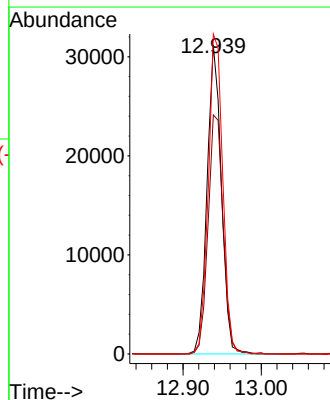
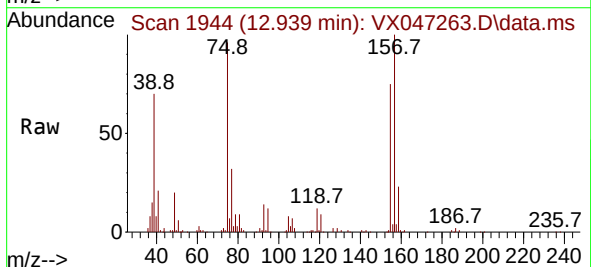
Reviewed By :John Carlone 08/12/2025

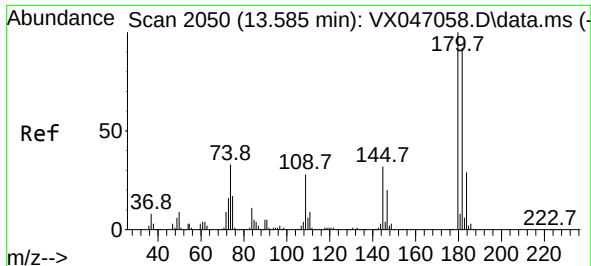
Supervised By :Mahesh Dadoda 08/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.501 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Tgt Ion: 75 Resp: 39433
Ion Ratio Lower Upper
75 100
155 81.4 41.3 124.1
157 105.0 52.8 158.3





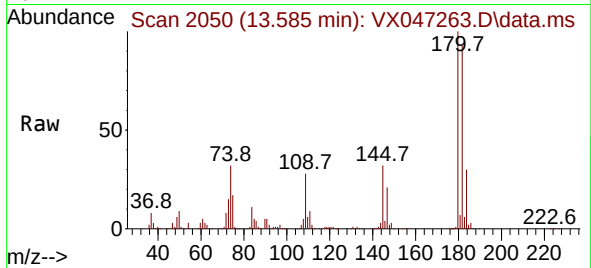
#93
1,2,4-Trichlorobenzene
Concen: 47.662 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

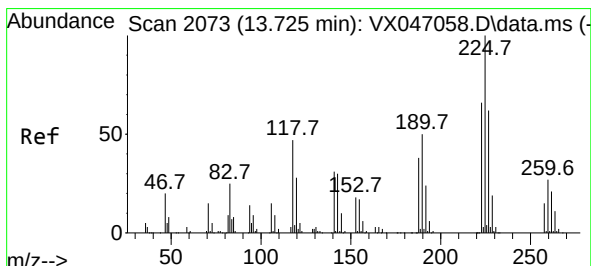
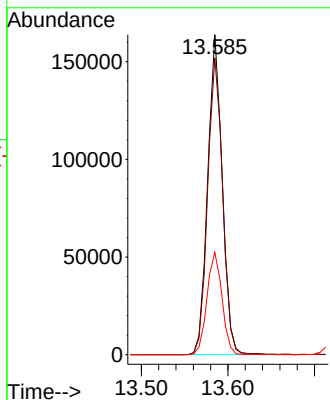
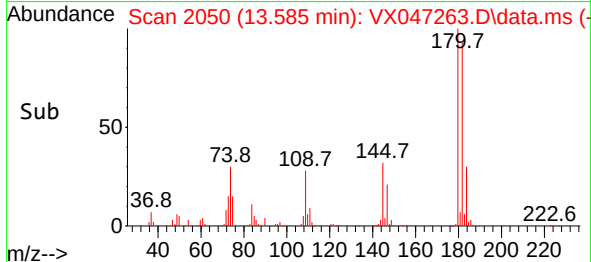


Tgt Ion:180 Resp: 19154
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 33.0 16.4 49.1

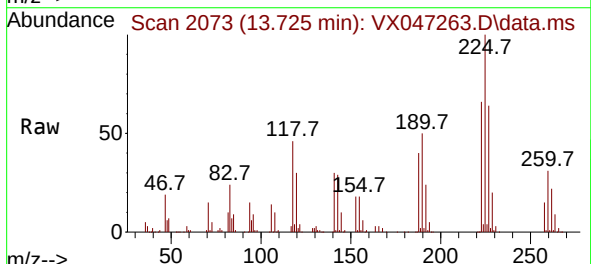
Manual Integrations

APPROVED

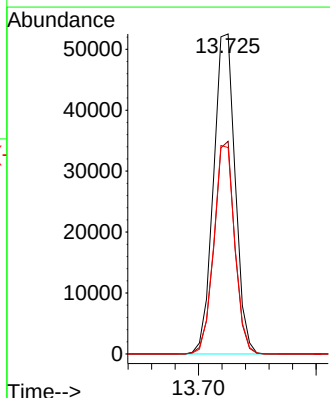
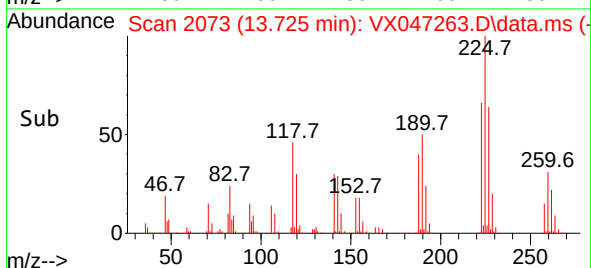
Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025

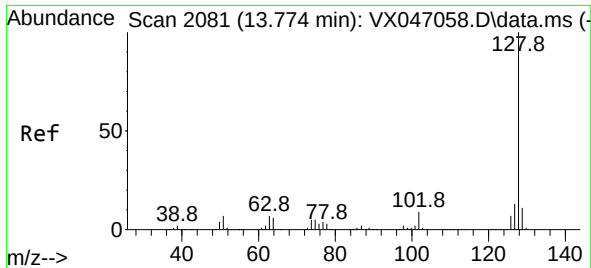


#94
Hexachlorobutadiene
Concen: 49.185 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04



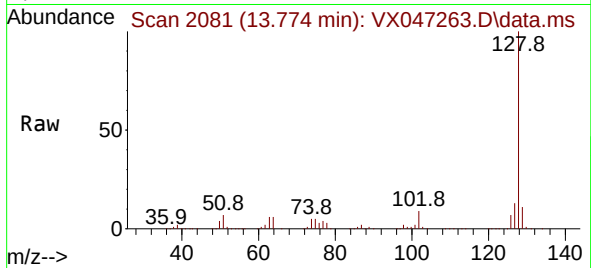
Tgt Ion:225 Resp: 67223
Ion Ratio Lower Upper
225 100
223 63.0 31.6 95.0
227 63.2 32.9 98.6





#95
Naphthalene
Concen: 51.203 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04

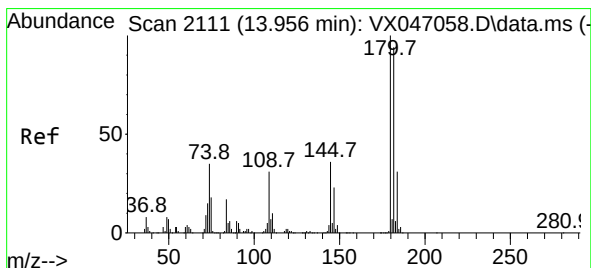
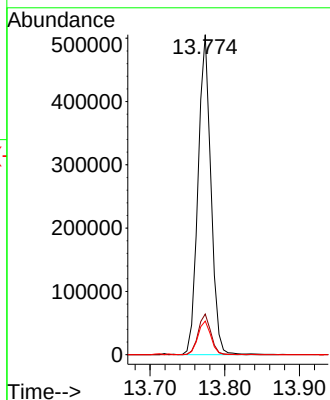
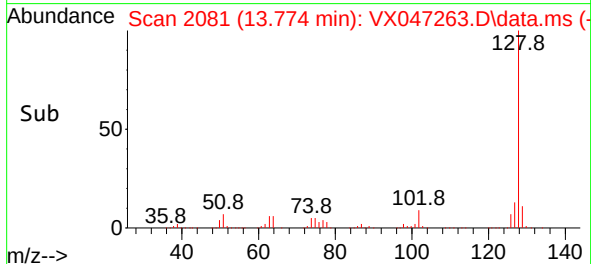
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



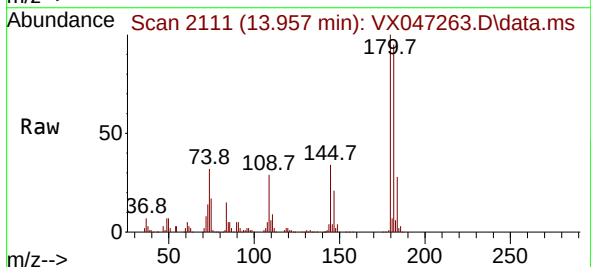
Tgt Ion:128 Resp: 603234
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/12/2025
Supervised By :Mahesh Dadoda 08/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.112 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047263.D
Acq: 08 Aug 2025 11:04



Tgt Ion:180 Resp: 186271
Ion Ratio Lower Upper
180 100
182 95.0 46.9 140.6
145 34.7 17.3 52.0

