

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082525\
 Data File : VX047511.D
 Acq On : 25 Aug 2025 10:14
 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 08/26/2025
 Supervised By : Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 00:34:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	225340	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	383910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	348301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	169040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159870	50.693	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.380%			
35) Dibromofluoromethane	5.391	113	127874	51.322	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.640%			
50) Toluene-d8	8.647	98	447425	50.240	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.480%			
62) 4-Bromofluorobenzene	11.079	95	168309	51.214	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	133434	46.451	ug/l	100
3) Chloromethane	1.307	50	113236	43.820	ug/l	95
4) Vinyl Chloride	1.392	62	149781	46.179	ug/l	98
5) Bromomethane	1.618	94	68488	52.277	ug/l	97
6) Chloroethane	1.703	64	88968	44.832	ug/l	96
7) Trichlorofluoromethane	1.904	101	222992	46.480	ug/l	99
8) Diethyl Ether	2.148	74	86030	50.926	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	137019	49.234	ug/l	99
10) Methyl Iodide	2.465	142	177169	37.148	ug/l	98
11) Tert butyl alcohol	2.959	59	89365	325.728	ug/l	99
12) 1,1-Dichloroethene	2.331	96	135701	47.829	ug/l	100
13) Acrolein	2.246	56	194221	335.355	ug/l	99
14) Allyl chloride	2.678	41	253414	51.425	ug/l	97
15) Acrylonitrile	3.081	53	371660	280.344	ug/l	100
16) Acetone	2.392	43	343816	290.038	ug/l	100
17) Carbon Disulfide	2.526	76	373958	43.679	ug/l	99
18) Methyl Acetate	2.709	43	191155	62.227	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	463572	53.708	ug/l	99
20) Methylene Chloride	2.800	84	155047	49.394	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	143447	47.636	ug/l	97
22) Diisopropyl ether	3.770	45	519398	53.322	ug/l	98
23) Vinyl Acetate	3.727	43	2129205	266.684	ug/l	100
24) 1,1-Dichloroethane	3.617	63	279842	50.827	ug/l	99
25) 2-Butanone	4.562	43	471300	303.572	ug/l	98
26) 2,2-Dichloropropane	4.483	77	214266	51.561	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	174400	49.724	ug/l	99
28) Bromochloromethane	4.904	49	123248	53.794	ug/l	99
29) Tetrahydrofuran	5.013	42	286035	285.051	ug/l	99
30) Chloroform	5.099	83	285526	50.814	ug/l	100
31) Cyclohexane	5.477	56	229630	45.244	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	239445	49.508	ug/l	99
36) 1,1-Dichloropropene	5.696	75	187385	47.642	ug/l	99
37) Ethyl Acetate	4.721	43	194816	47.711	ug/l #	96
38) Carbon Tetrachloride	5.678	117	208682	48.552	ug/l	98
39) Methylcyclohexane	7.385	83	226307	46.128	ug/l	95
40) Benzene	6.044	78	587089	49.868	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	97641	56.706	ug/l	97
42) 1,2-Dichloroethane	6.092	62	211685	50.763	ug/l	99
43) Isopropyl Acetate	6.342	43	318057	54.221	ug/l	99
44) Trichloroethene	7.129	130	146855	48.717	ug/l	100
45) 1,2-Dichloropropane	7.428	63	151288	51.296	ug/l	98
46) Dibromomethane	7.580	93	108662	50.748	ug/l	99
47) Bromodichloromethane	7.818	83	230552	51.939	ug/l	98
48) Methyl methacrylate	7.690	41	165395	54.320	ug/l	99
49) 1,4-Dioxane	7.671	88	41098	1388.469	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	949886	281.396	ug/l	98
52) Toluene	8.714	92	364755	50.140	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	214161	55.280	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	233542	53.259	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	143869	52.088	ug/l	98
56) Ethyl methacrylate	9.116	69	222885	54.733	ug/l	99
57) 1,3-Dichloropropane	9.305	76	246424	52.358	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	478357	246.134	ug/l	99
59) 2-Hexanone	9.427	43	659390	282.395	ug/l	100
60) Dibromochloromethane	9.519	129	174144	53.053	ug/l	98
61) 1,2-Dibromoethane	9.610	107	148250	52.050	ug/l	99
64) Tetrachloroethene	9.275	164	117377	46.591	ug/l	97
65) Chlorobenzene	10.080	112	403154	48.708	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	142376	50.885	ug/l	99
67) Ethyl Benzene	10.189	91	694490	48.750	ug/l	99
68) m/p-Xylenes	10.299	106	520400	97.968	ug/l	98
69) o-Xylene	10.640	106	255708	50.022	ug/l	99
70) Styrene	10.653	104	447574	51.818	ug/l	100
71) Bromoform	10.799	173	113790	54.134	ug/l #	100
73) Isopropylbenzene	10.957	105	668401	50.529	ug/l	100
74) N-amyl acetate	10.842	43	277462	55.235	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	205097	52.808	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	166267m	53.628	ug/l	
77) Bromobenzene	11.195	156	163106	50.494	ug/l	99
78) n-propylbenzene	11.305	91	794308	50.277	ug/l	99
79) 2-Chlorotoluene	11.360	91	470478	49.263	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	549200	50.459	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32889	46.723	ug/l	99
82) 4-Chlorotoluene	11.451	91	556677	49.448	ug/l	99
83) tert-Butylbenzene	11.713	119	560212	51.591	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	560489	51.496	ug/l	100
85) sec-Butylbenzene	11.890	105	687118	51.053	ug/l	100
86) p-Isopropyltoluene	12.006	119	576167	50.590	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	305907	49.572	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	310157	48.868	ug/l	100
89) n-Butylbenzene	12.329	91	538893	50.872	ug/l	100
90) Hexachloroethane	12.536	117	103526	51.815	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	296193	50.568	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41383	55.096	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	200034	50.943	ug/l	98
94) Hexachlorobutadiene	13.725	225	67313	48.160	ug/l	97
95) Naphthalene	13.774	128	610778	54.430	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	189278	51.138	ug/l	99

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ClientSampleId :
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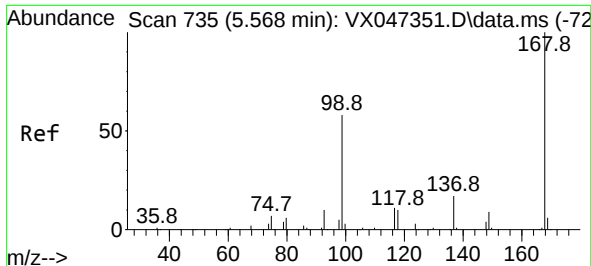
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/26/2025

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Response via : Initial Calibration

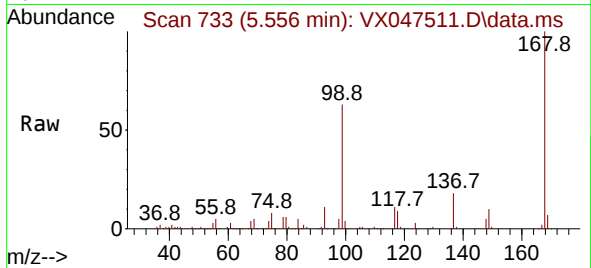
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

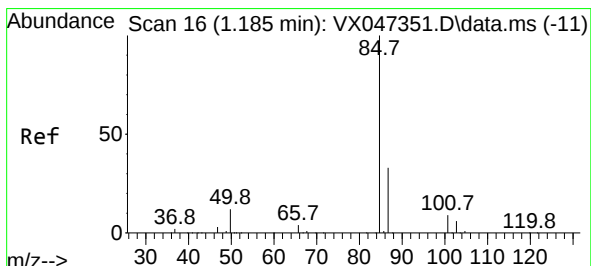
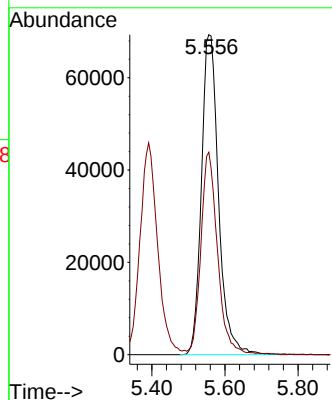
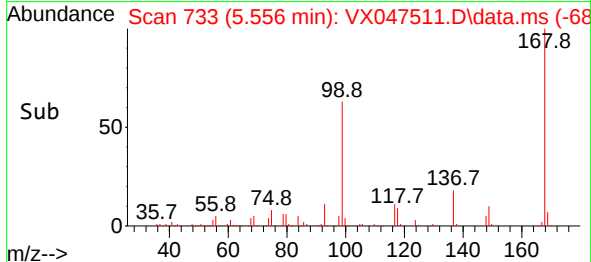
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 225340
Ion Ratio Lower Upper
168 100
99 63.3 47.9 71.9

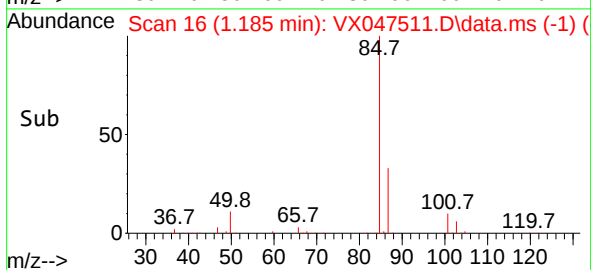
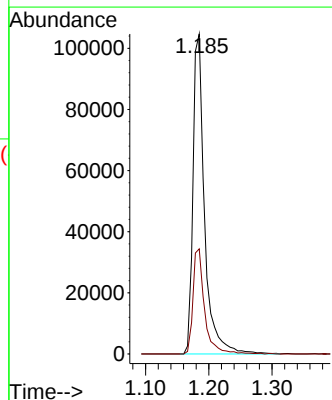
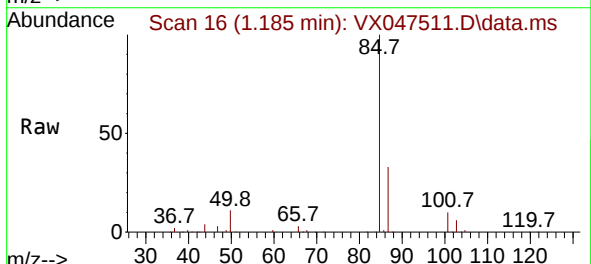
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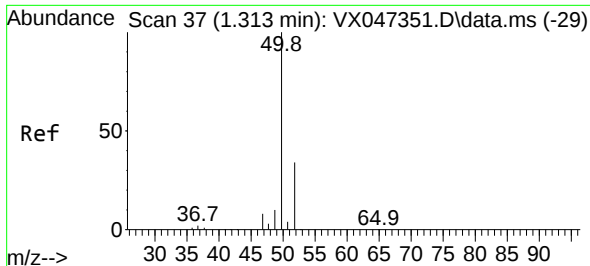
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#2
Dichlorodifluoromethane
Concen: 46.451 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

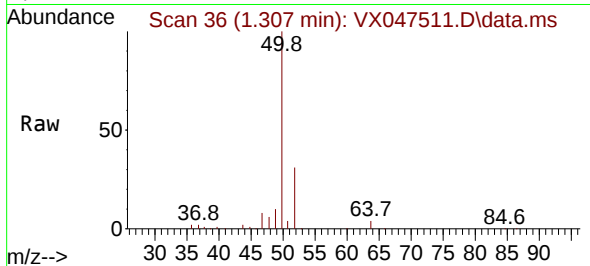
Tgt Ion: 85 Resp: 133434
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.1





#3
Chloromethane
Concen: 43.820 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

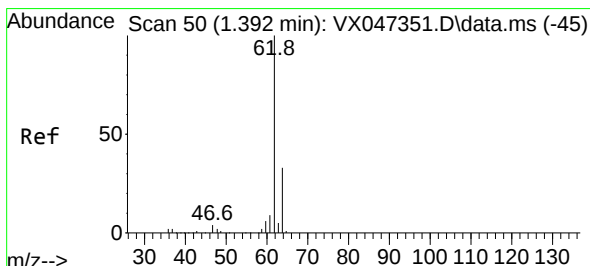
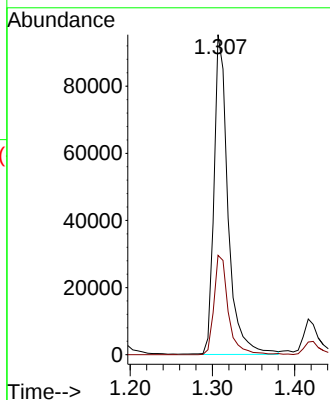
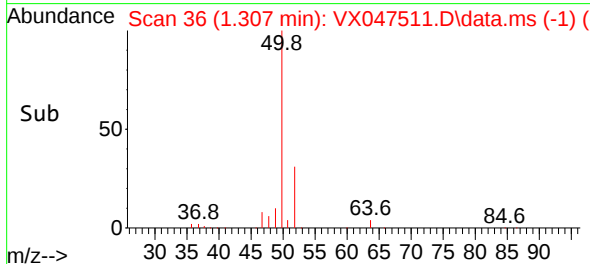
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 113230
Ion Ratio Lower Upper
50 100
52 31.1 27.0 40.4

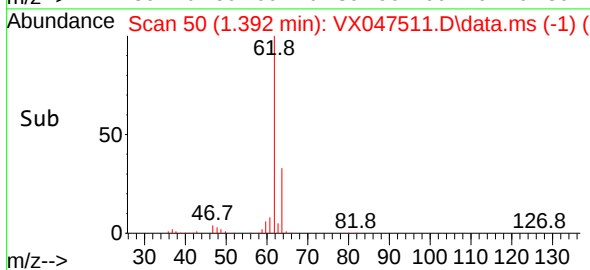
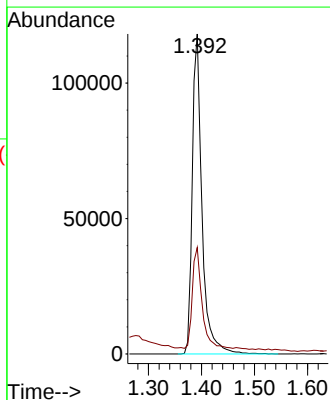
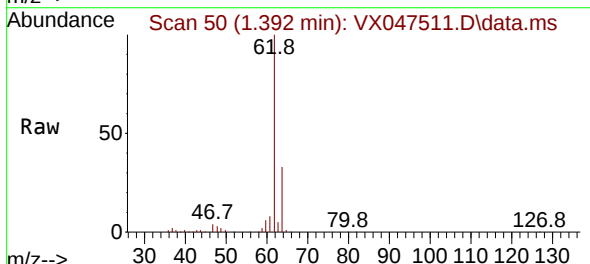
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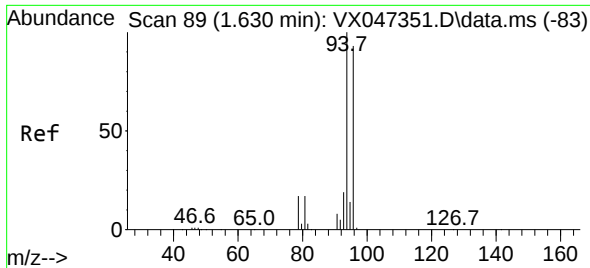
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#4
Vinyl Chloride
Concen: 46.179 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

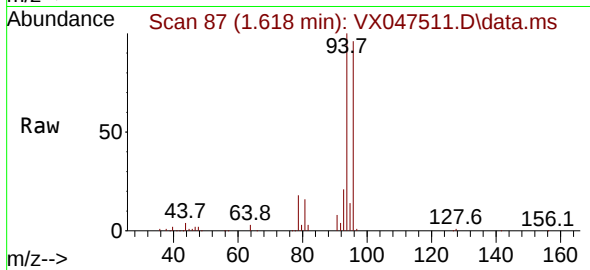
Tgt Ion: 62 Resp: 149781
Ion Ratio Lower Upper
62 100
64 31.9 26.5 39.7





#5
Bromomethane
Concen: 52.277 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

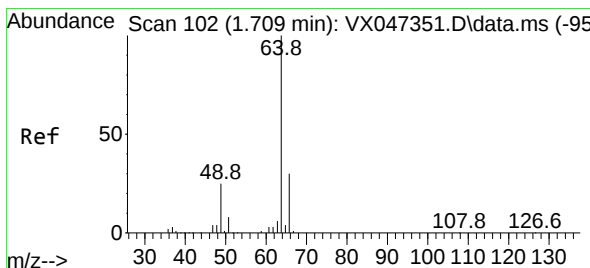
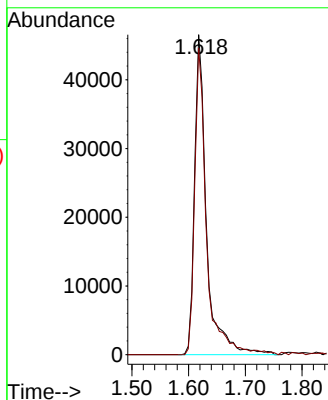
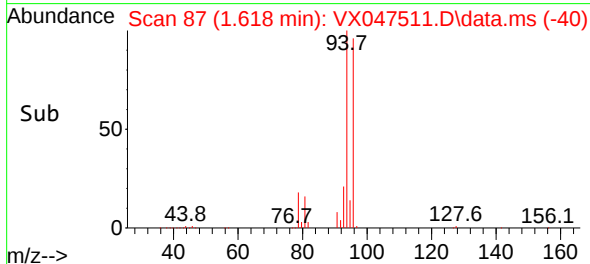
Instrument :
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Tgt Ion: 94 Resp: 6848
Ion Ratio Lower Upper
94 100
96 95.8 74.7 112.1

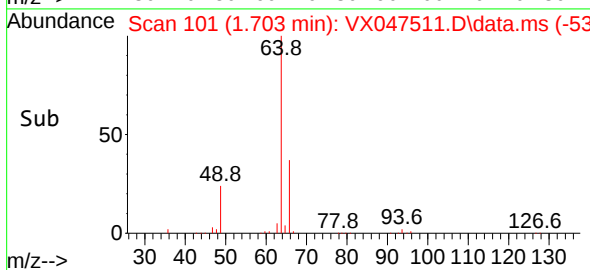
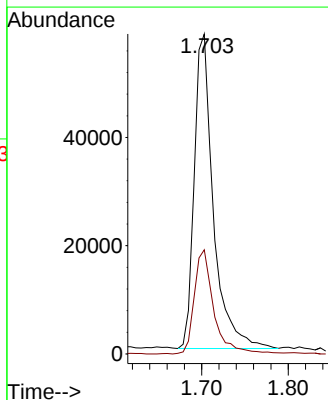
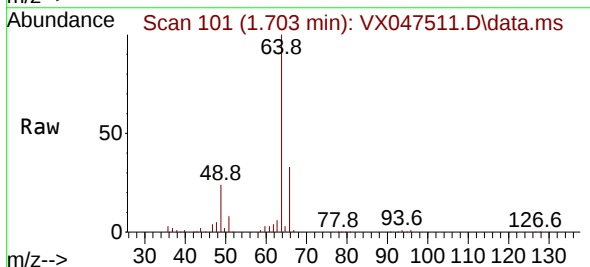
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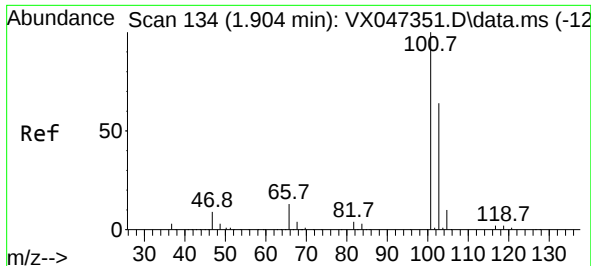
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#6
Chloroethane
Concen: 44.832 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

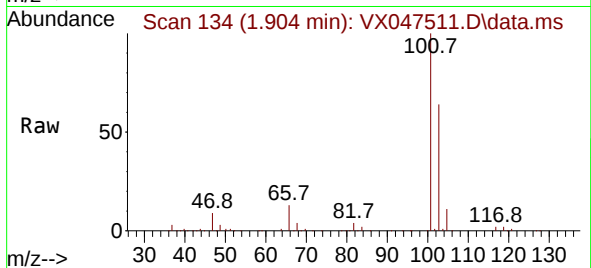
Tgt Ion: 64 Resp: 88968
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6





#7
Trichlorofluoromethane
Concen: 46.480 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

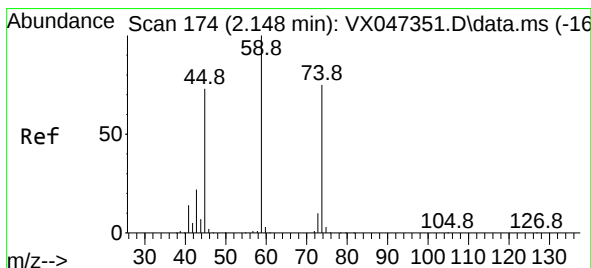
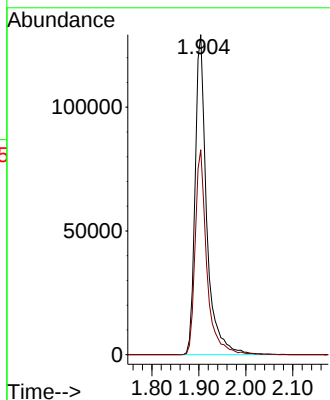
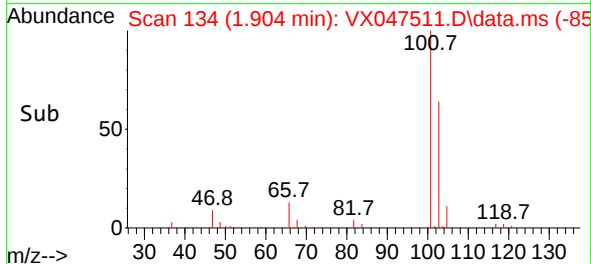
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 222992
Ion Ratio Lower Upper
101 100
103 64.1 50.9 76.3

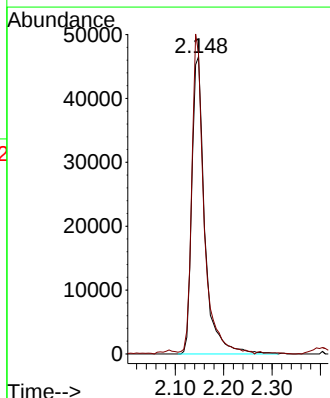
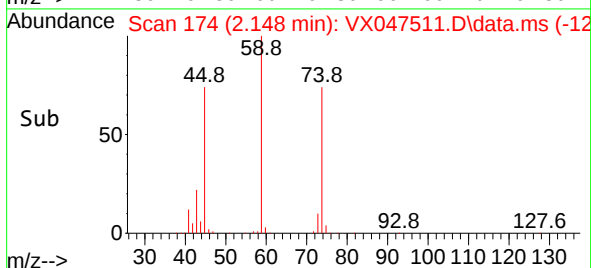
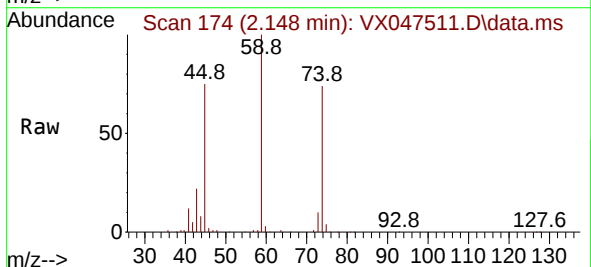
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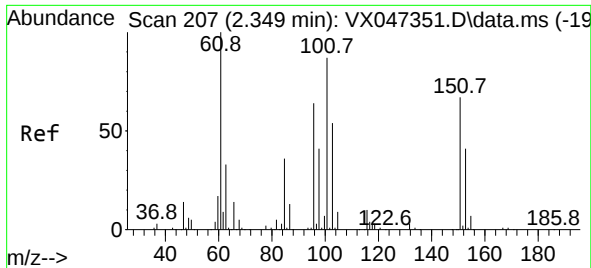
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#8
Diethyl Ether
Concen: 50.926 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Tgt Ion: 74 Resp: 86030
Ion Ratio Lower Upper
74 100
45 102.7 51.3 154.0





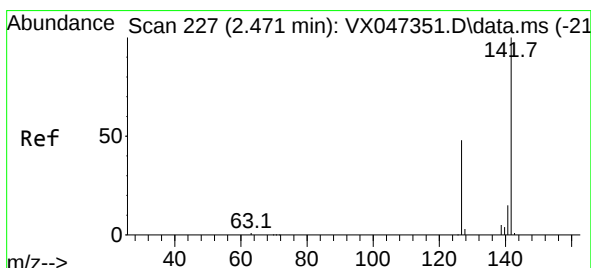
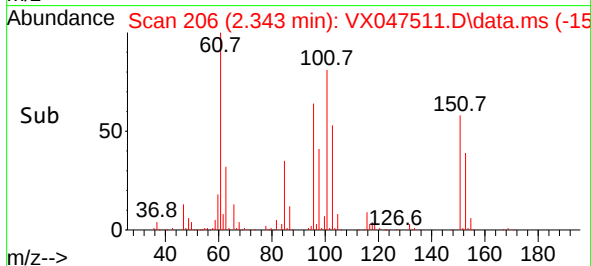
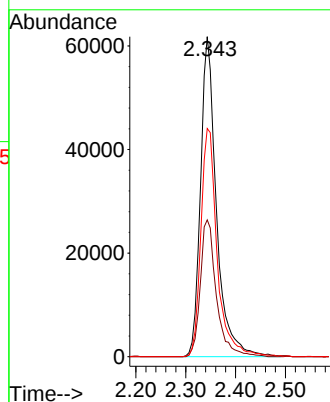
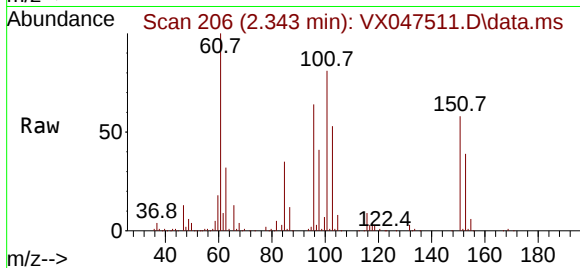
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.234 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 137019
Ion Ratio Lower Upper
101 100
85 43.2 34.3 51.5
151 73.5 59.2 88.8

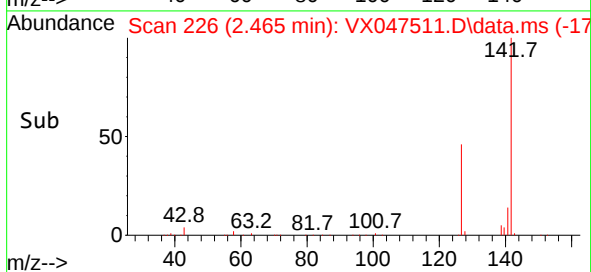
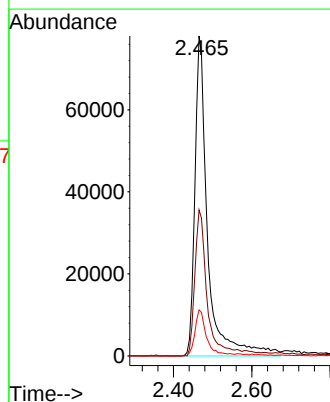
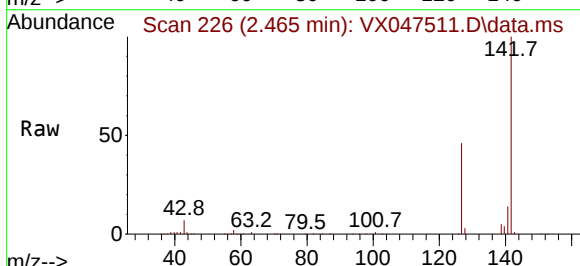
Manual Integrations
APPROVED

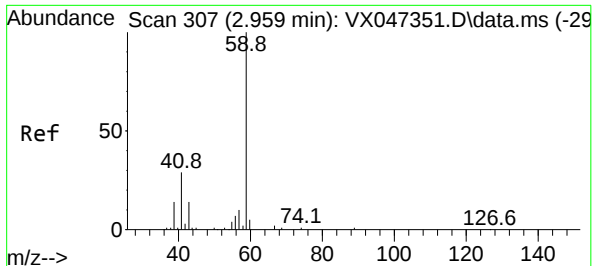
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#10
Methyl Iodide
Concen: 37.148 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

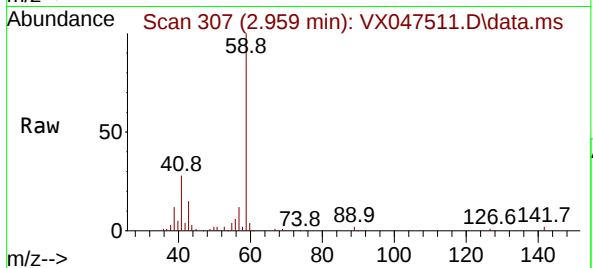
Tgt Ion:142 Resp: 177169
Ion Ratio Lower Upper
142 100
127 43.7 36.1 54.1
141 13.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 325.728 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

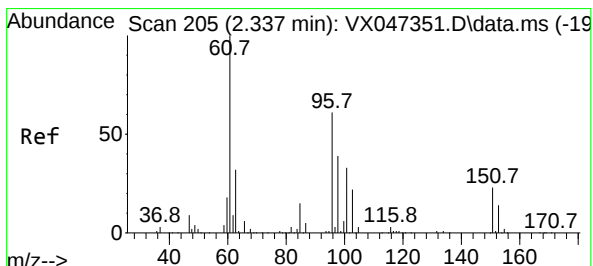
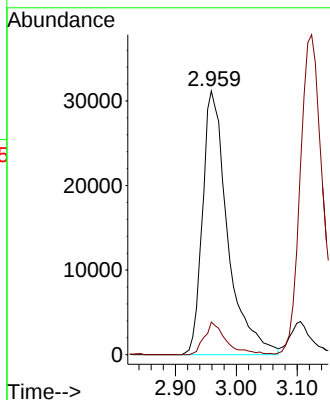
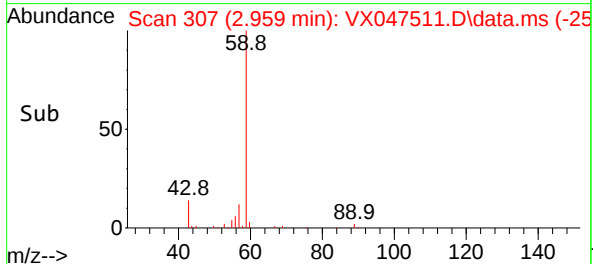
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



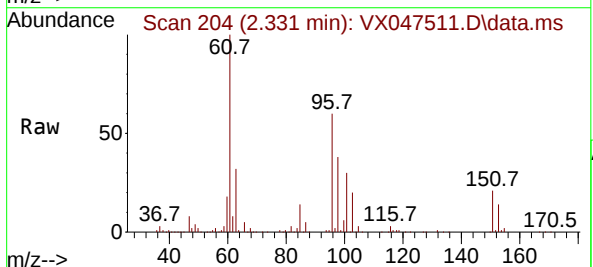
Tgt Ion: 59 Resp: 8936
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

Manual Integrations
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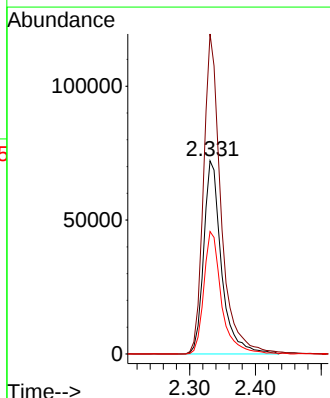
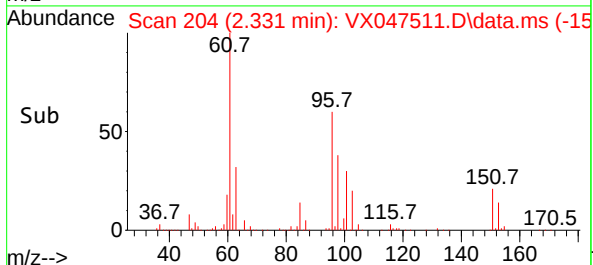
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

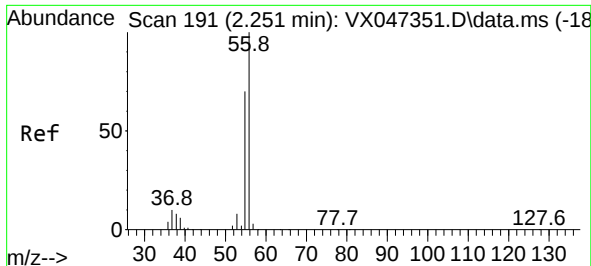


#12
1,1-Dichloroethene
Concen: 47.829 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14



Tgt Ion: 96 Resp: 135701
Ion Ratio Lower Upper
96 100
61 165.7 132.2 198.2
98 63.4 51.2 76.8





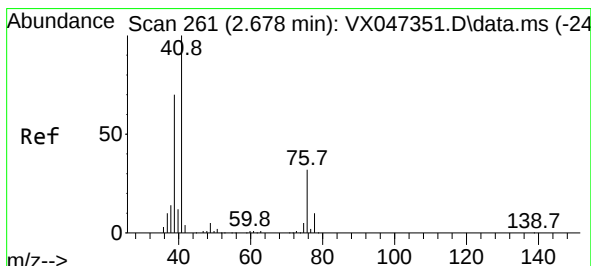
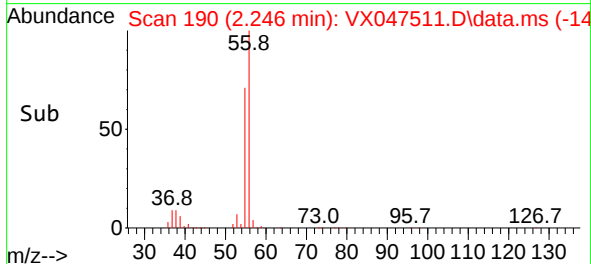
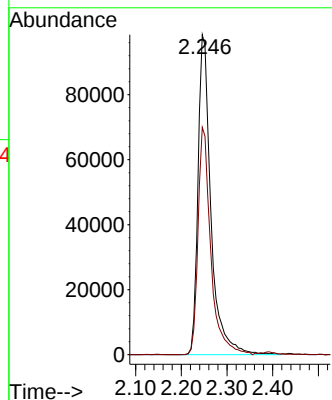
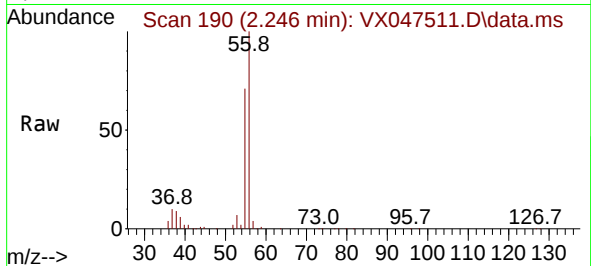
#13
Acrolein
Concen: 335.355 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 19422
Ion Ratio Lower Upper
56 100
55 70.1 55.5 83.3

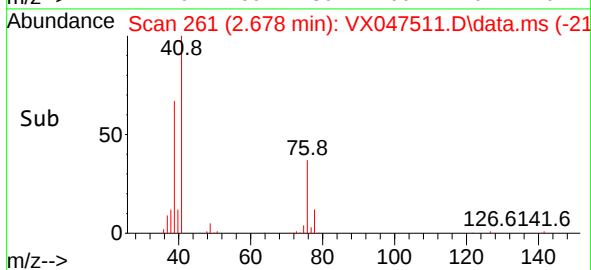
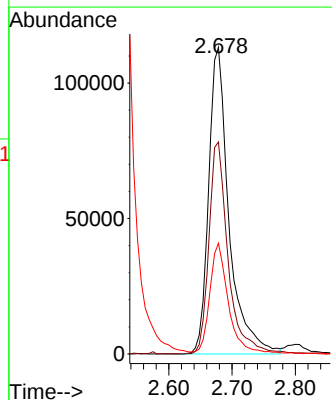
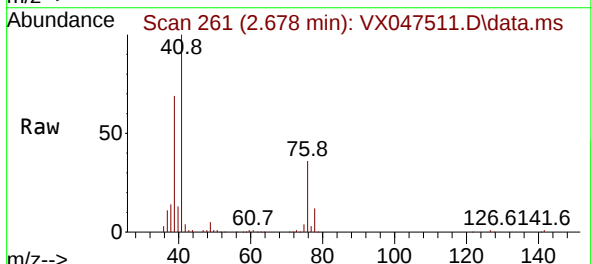
Manual Integrations
APPROVED

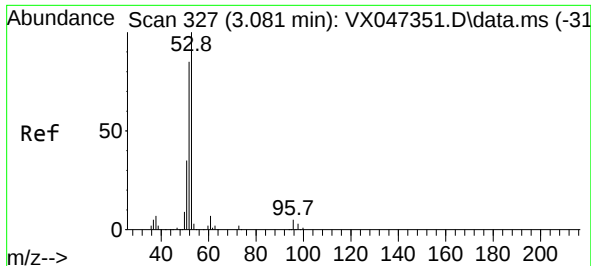
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#14
Allyl chloride
Concen: 51.425 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

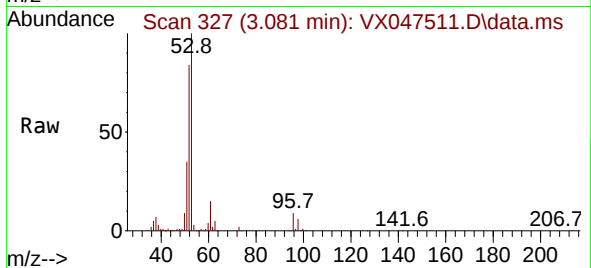
Tgt Ion: 41 Resp: 253414
Ion Ratio Lower Upper
41 100
39 65.5 54.6 81.8
76 33.1 27.6 41.4





#15
Acrylonitrile
Concen: 280.344 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

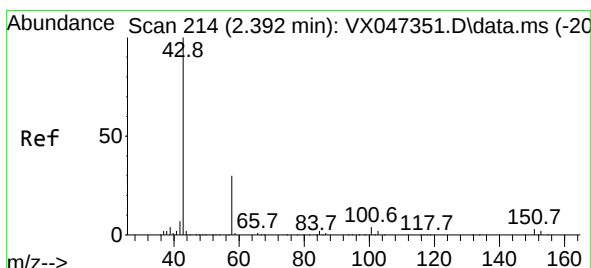
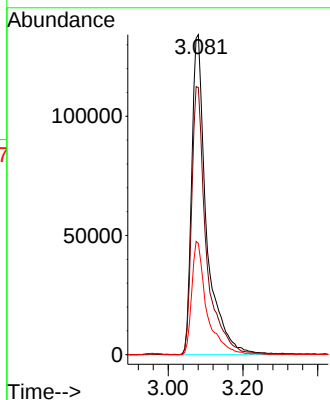
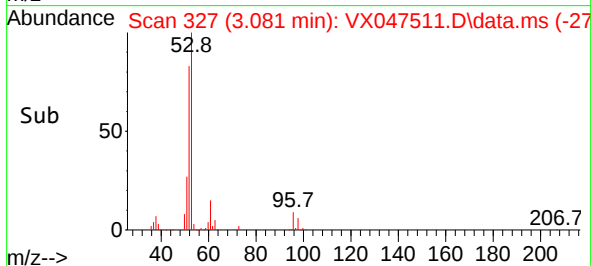
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 371660
Ion Ratio Lower Upper
53 100
52 82.2 65.8 98.6
51 35.7 28.2 42.2

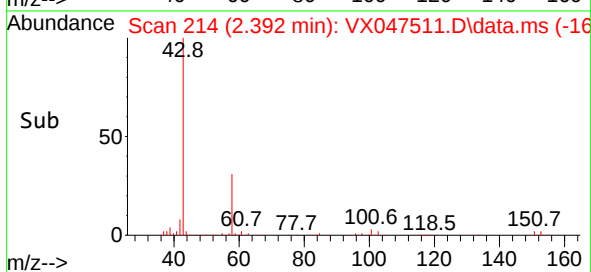
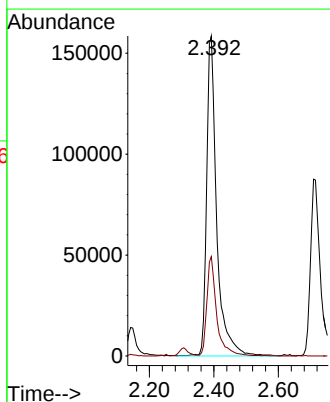
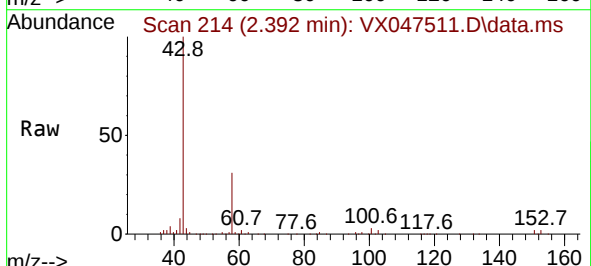
Manual Integrations
APPROVED

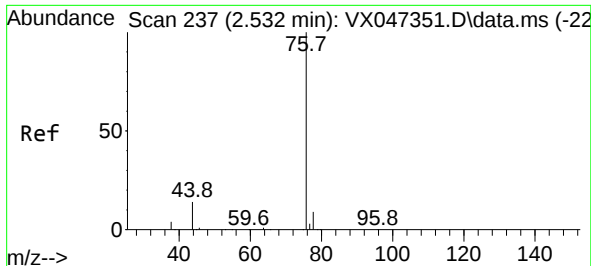
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#16
Acetone
Concen: 290.038 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

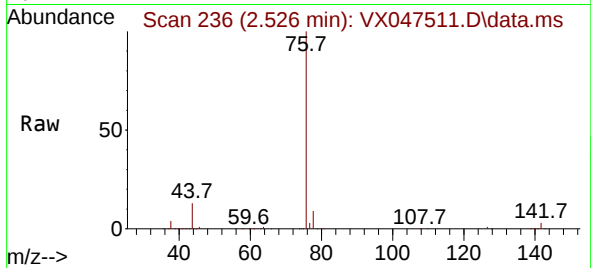
Tgt Ion: 43 Resp: 343816
Ion Ratio Lower Upper
43 100
58 31.0 24.8 37.2





#17
Carbon Disulfide
Concen: 43.679 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

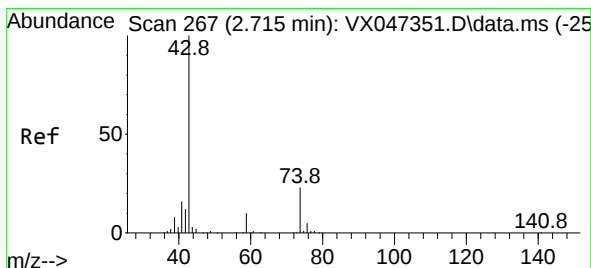
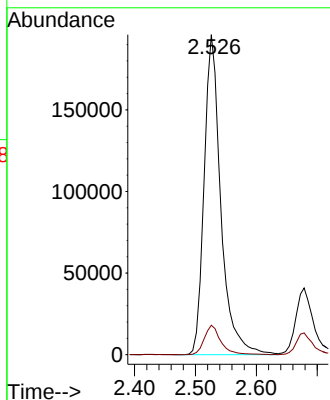
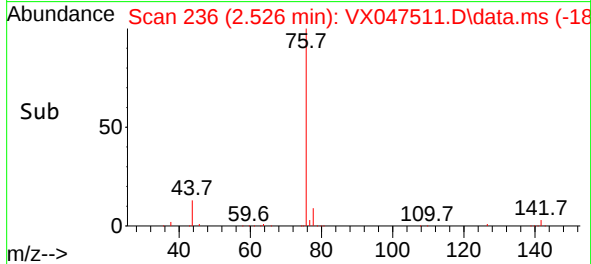
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 373958
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

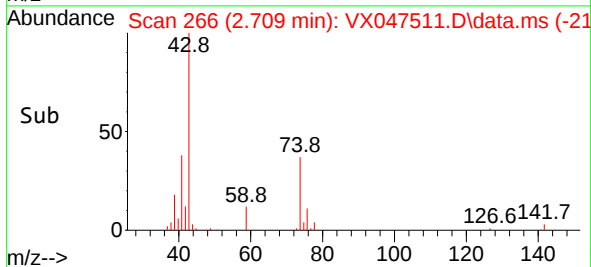
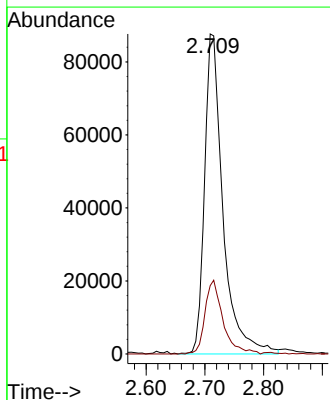
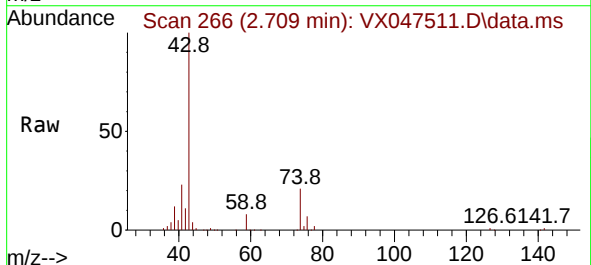
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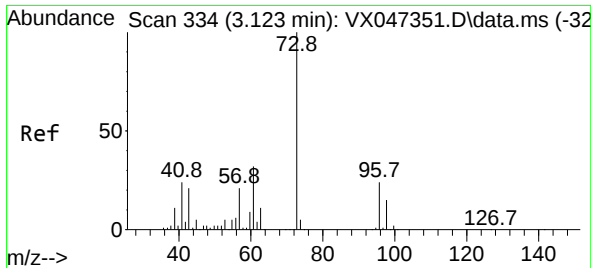
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#18
Methyl Acetate
Concen: 62.227 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Tgt Ion: 43 Resp: 191155
Ion Ratio Lower Upper
43 100
74 22.5 18.4 27.6





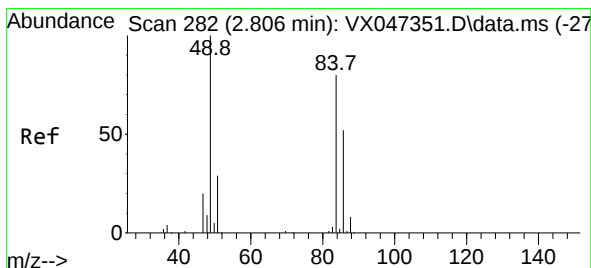
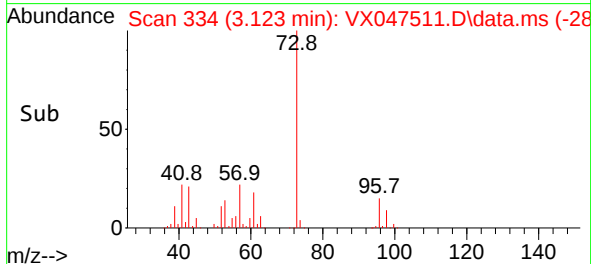
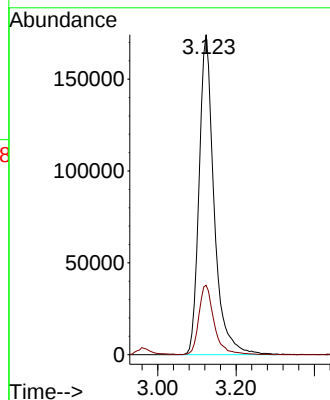
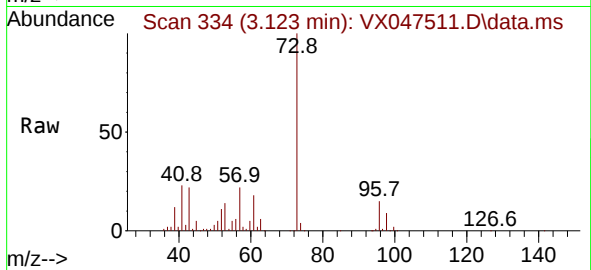
#19
Methyl tert-butyl Ether
Concen: 53.708 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 463572
Ion Ratio Lower Upper
73 100
57 21.7 17.0 25.6

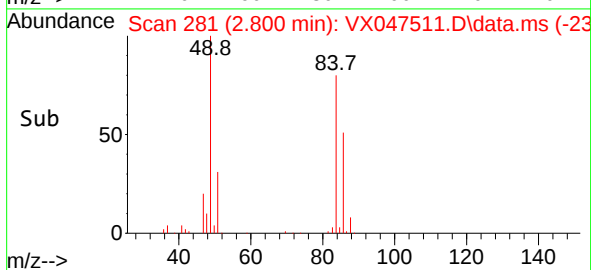
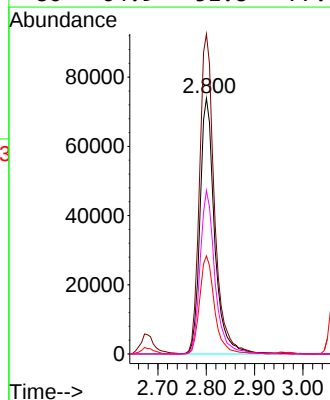
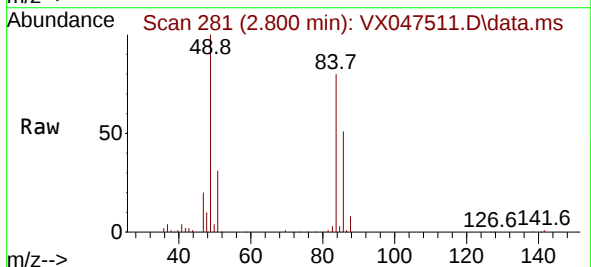
Manual Integrations
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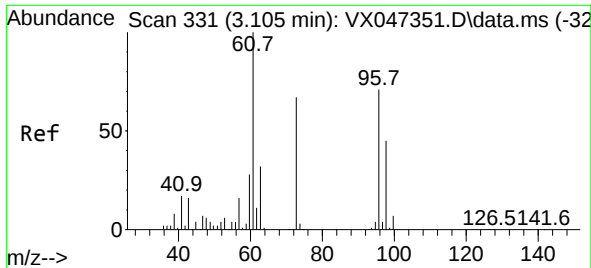
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#20
Methylene Chloride
Concen: 49.394 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

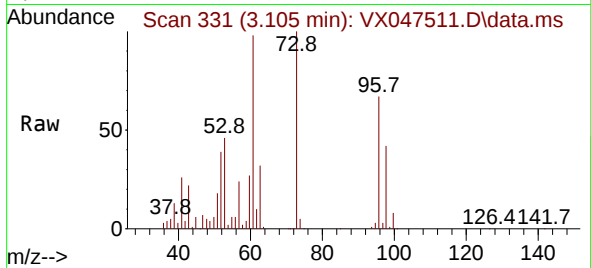
Tgt Ion: 84 Resp: 155047
Ion Ratio Lower Upper
84 100
49 125.0 100.1 150.1
51 38.3 29.5 44.3
86 64.9 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 47.636 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

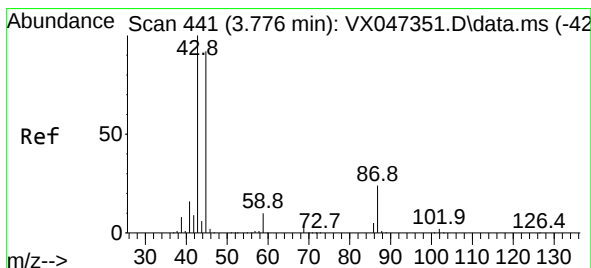
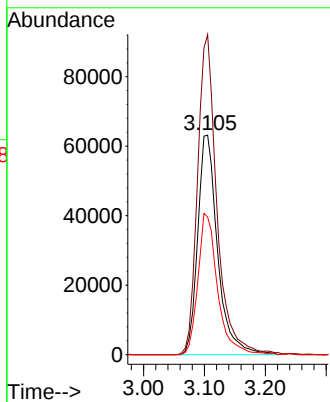
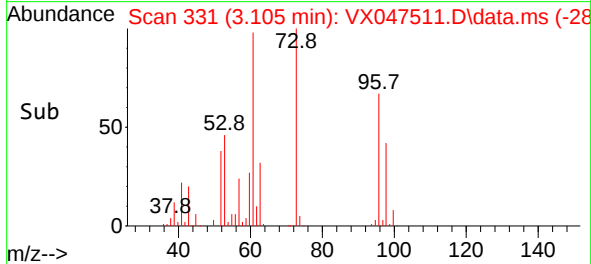
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 14344
Ion Ratio Lower Upper
96 100
61 145.7 112.6 169.0
98 62.7 50.9 76.3

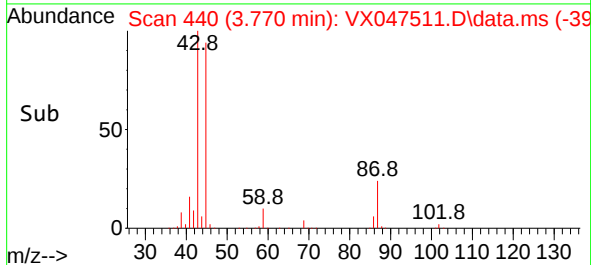
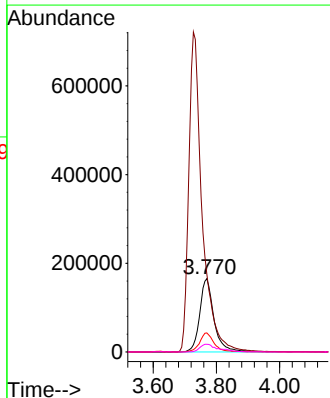
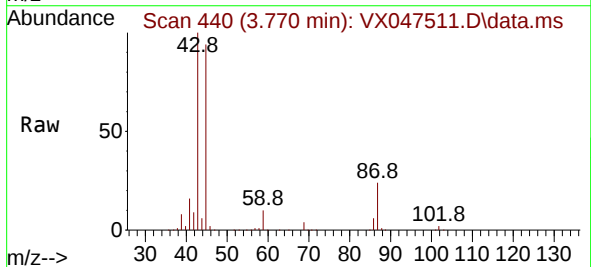
Manual Integrations
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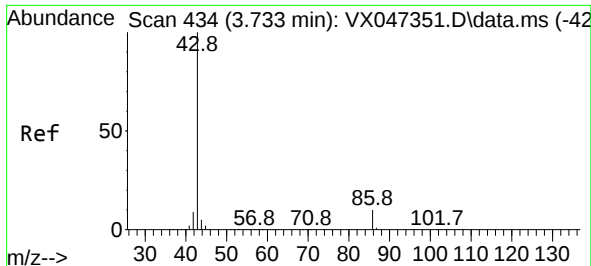
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#22
Diisopropyl ether
Concen: 53.322 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

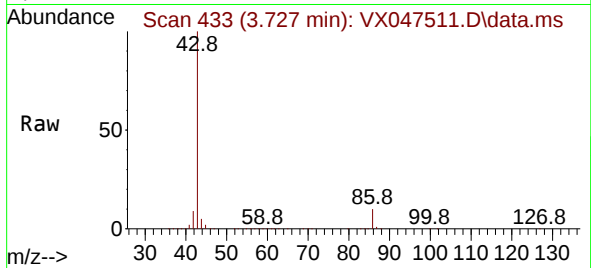
Tgt Ion: 45 Resp: 519398
Ion Ratio Lower Upper
45 100
43 106.4 86.8 130.2
87 25.9 20.4 30.6
59 10.5 8.8 13.2





#23
 Vinyl Acetate
 Concen: 266.684 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047511.D
 Acq: 25 Aug 2025 10:14

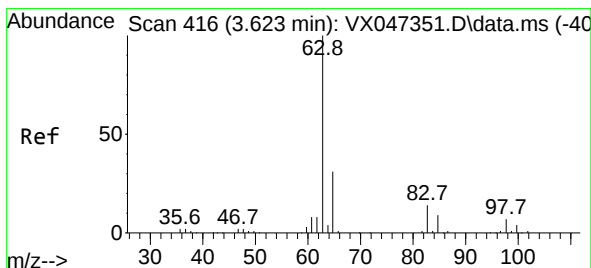
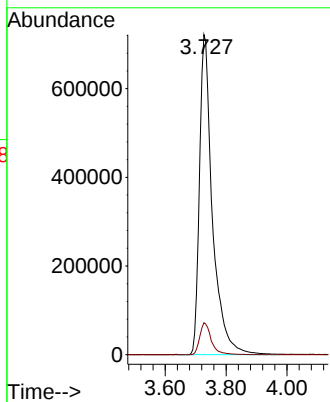
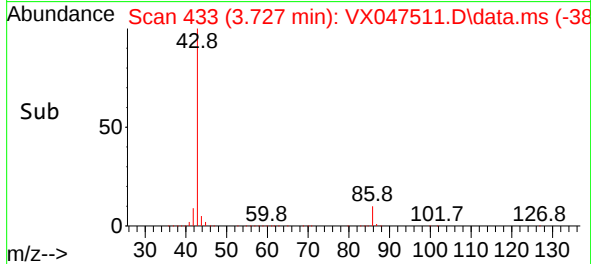
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



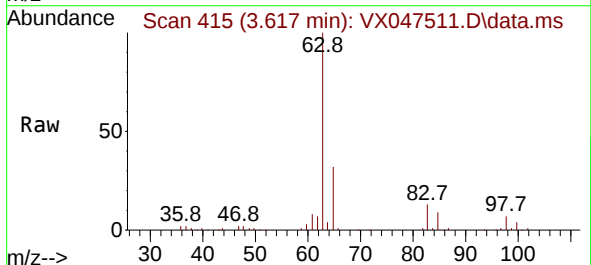
Tgt Ion: 43 Resp: 212920
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

Manual Integrations
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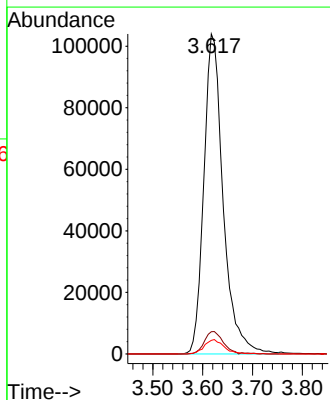
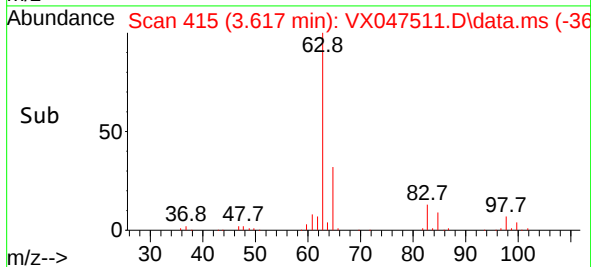
Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025

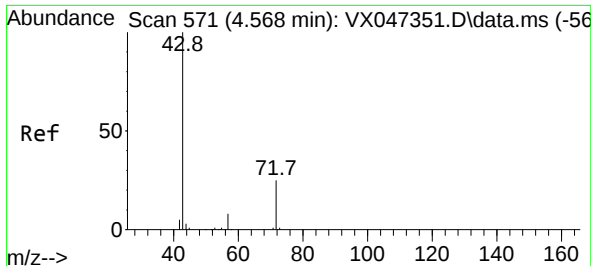


#24
 1,1-Dichloroethane
 Concen: 50.827 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX047511.D
 Acq: 25 Aug 2025 10:14



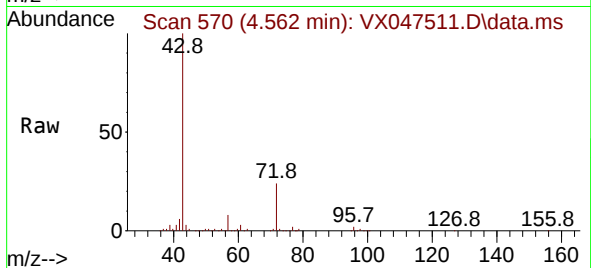
Tgt Ion: 63 Resp: 279842
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.4 2.1 6.3





#25
2-Butanone
Concen: 303.572 ug/l
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

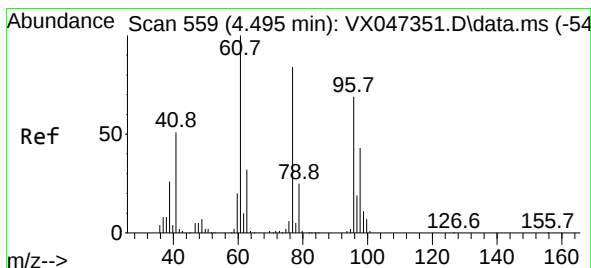
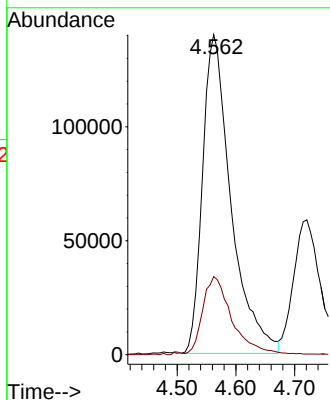
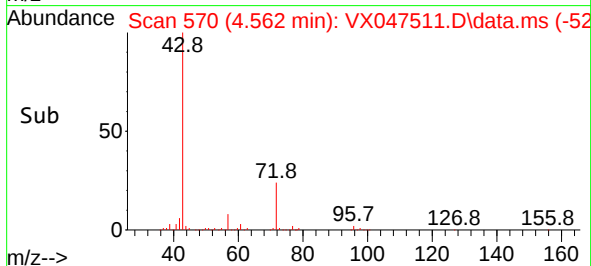
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 471300
Ion Ratio Lower Upper
43 100
72 23.8 19.8 29.8

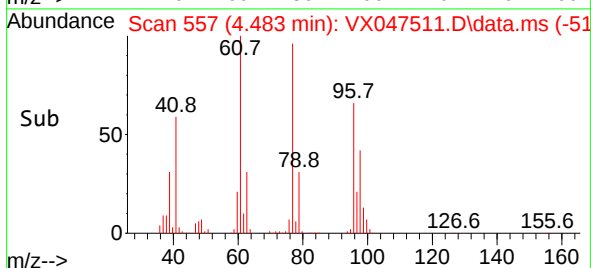
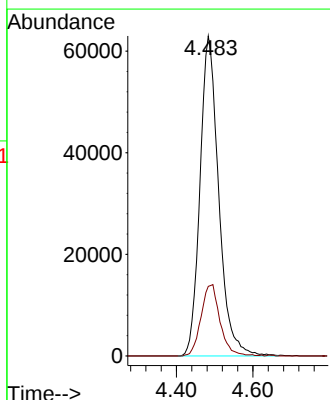
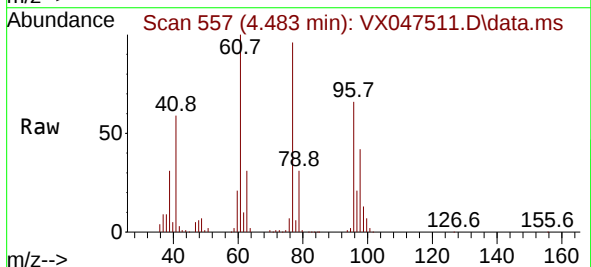
Manual Integrations
APPROVED

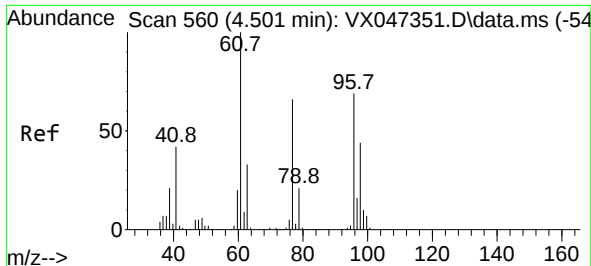
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#26
2,2-Dichloropropane
Concen: 51.561 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Tgt Ion: 77 Resp: 214266
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.724 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 174400

Ion Ratio Lower Upper

96 100

61 148.0 0.0 296.6

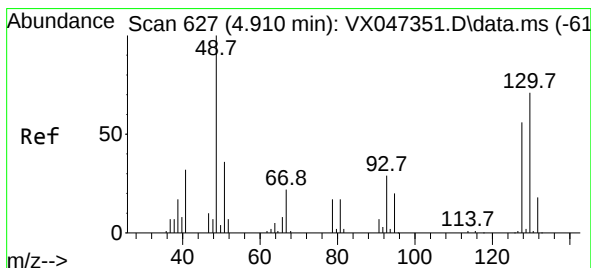
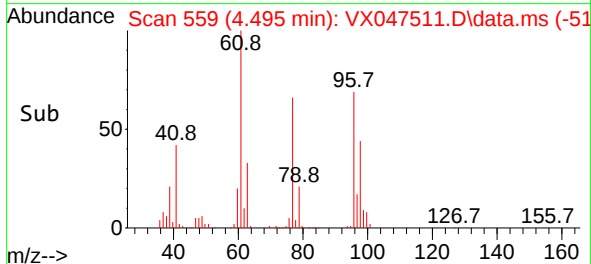
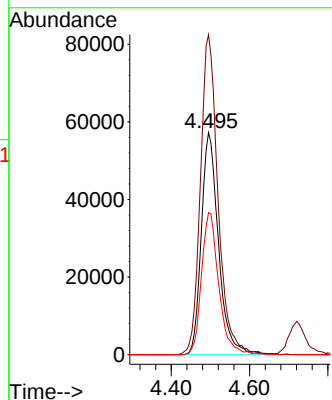
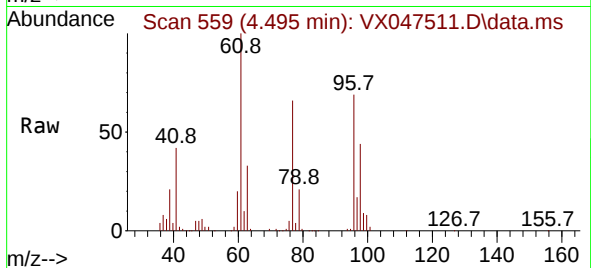
98 64.3 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#28

Bromochloromethane

Concen: 53.794 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

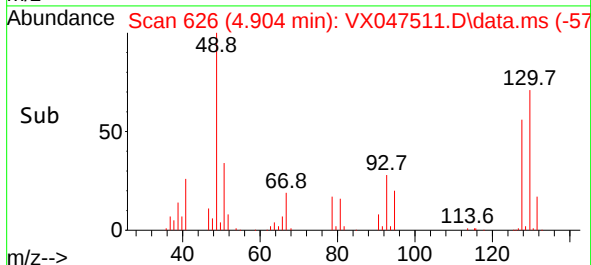
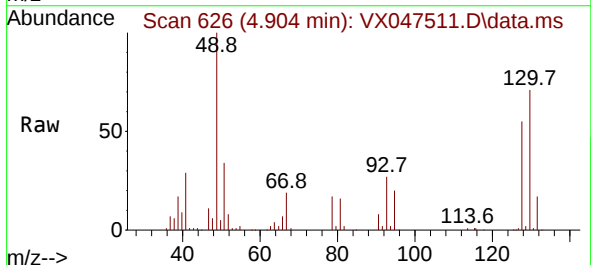
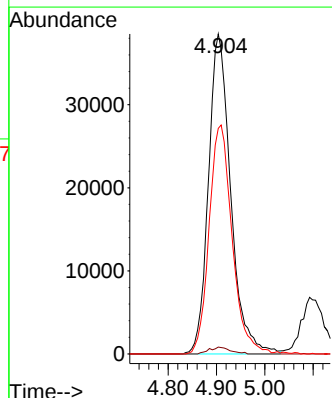
Tgt Ion: 49 Resp: 123248

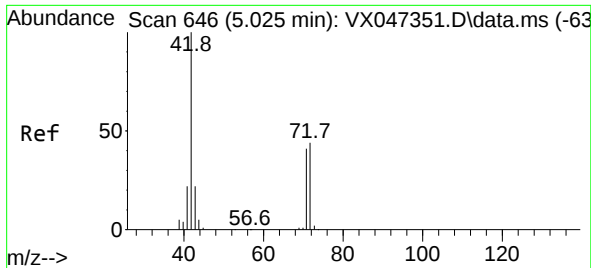
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 73.9 59.8 89.6





#29

Tetrahydrofuran

Concen: 285.051 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

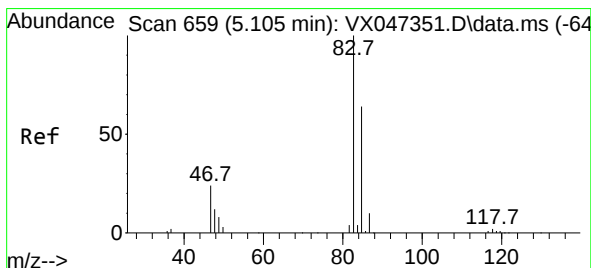
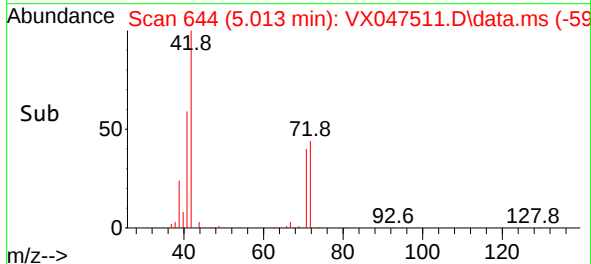
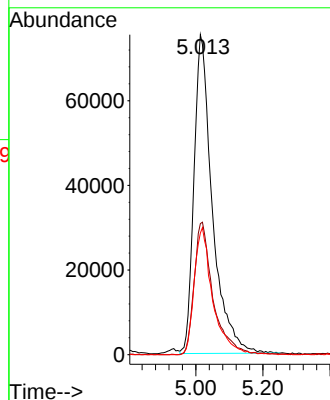
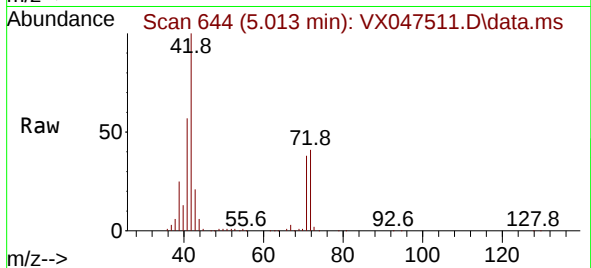
Tgt Ion: 42 Resp: 286035
 Ion Ratio Lower Upper
 42 100
 72 42.7 34.6 51.8
 71 40.1 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#30

Chloroform

Concen: 50.814 ug/l

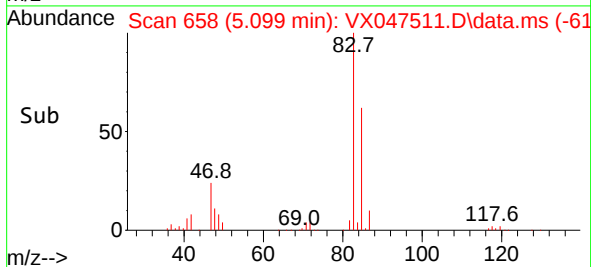
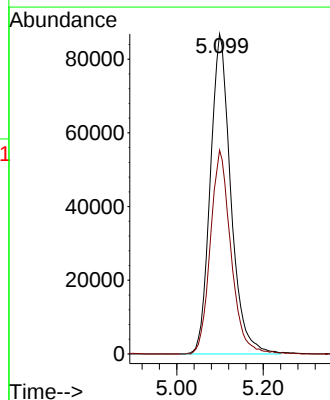
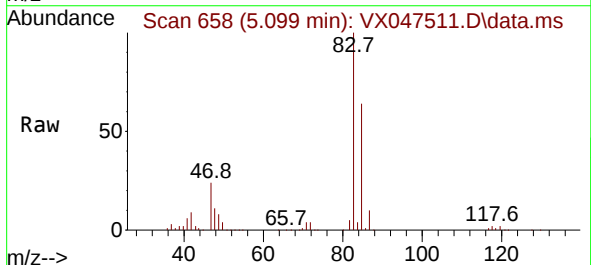
RT: 5.099 min Scan# 658

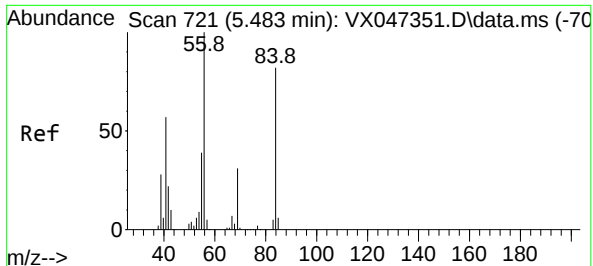
Delta R.T. -0.006 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

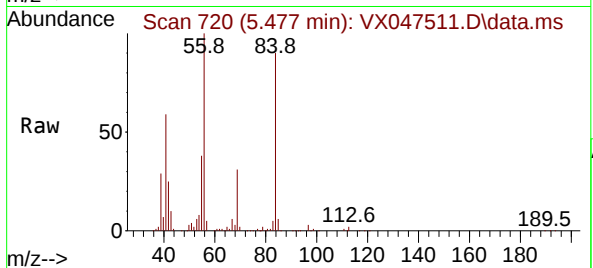
Tgt Ion: 83 Resp: 285526
 Ion Ratio Lower Upper
 83 100
 85 63.7 51.2 76.8





#31
Cyclohexane
Concen: 45.244 ug/l
RT: 5.477 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

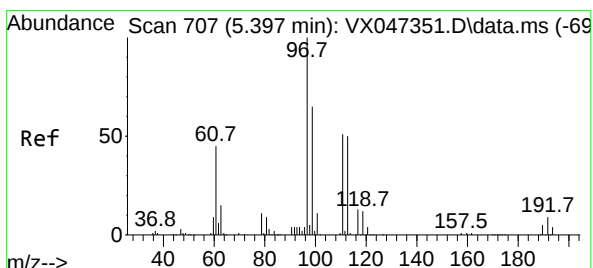
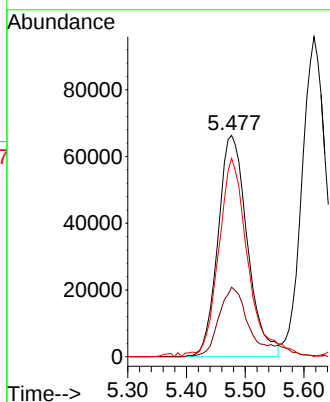
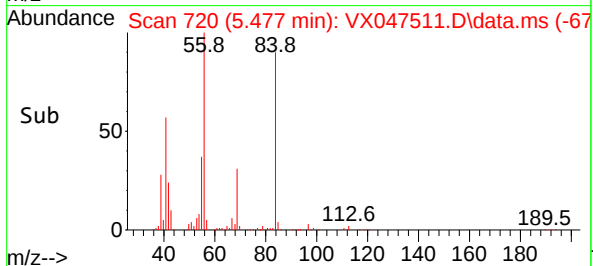
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 229630
Ion Ratio Lower Upper
56 100
69 30.9 24.3 36.5
84 87.7 65.3 97.9

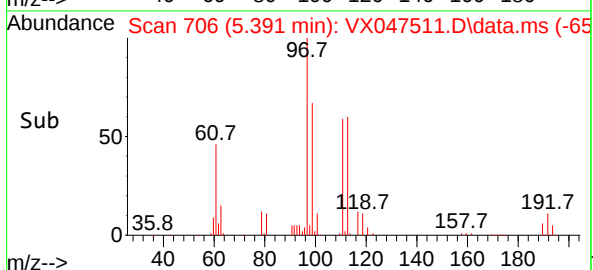
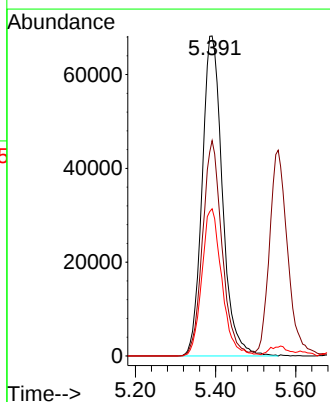
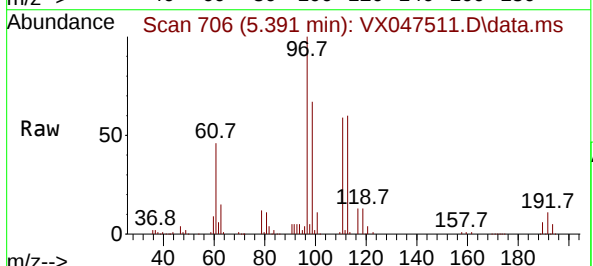
Manual Integrations
APPROVED

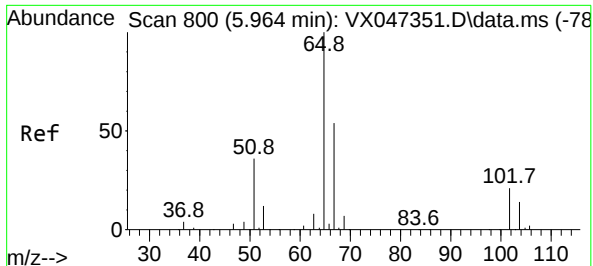
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#32
1,1,1-Trichloroethane
Concen: 49.508 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Tgt Ion: 97 Resp: 239445
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 45.4 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 50.693 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 159870

Ion Ratio Lower Upper

65 100

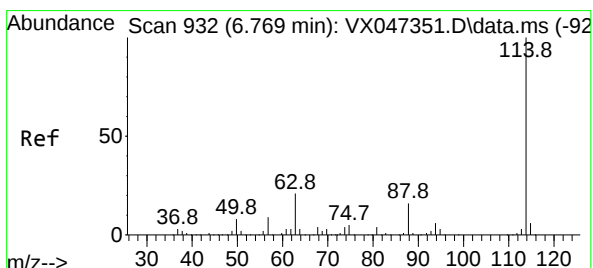
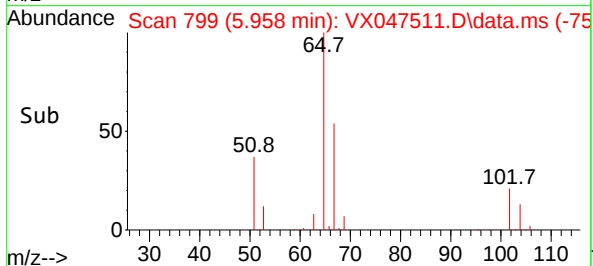
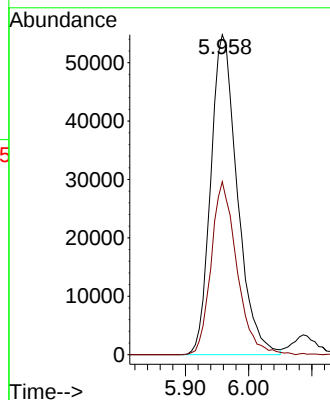
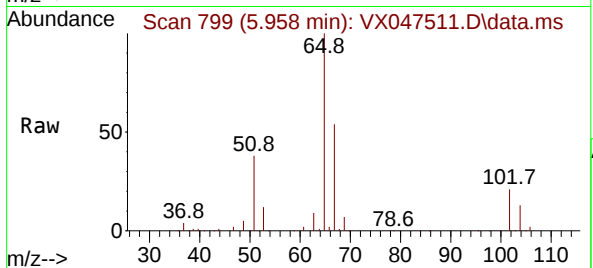
67 52.2 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

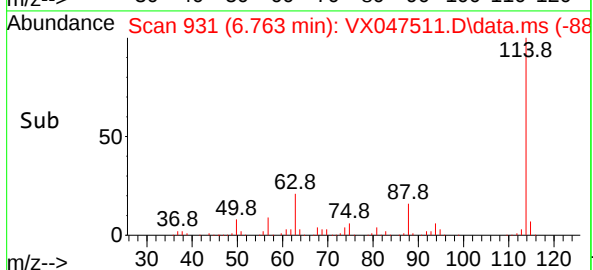
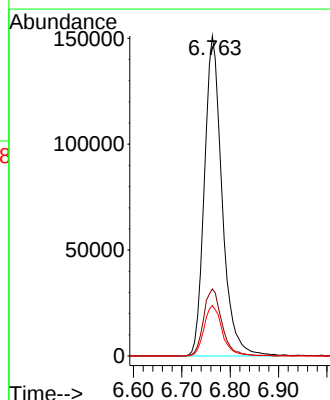
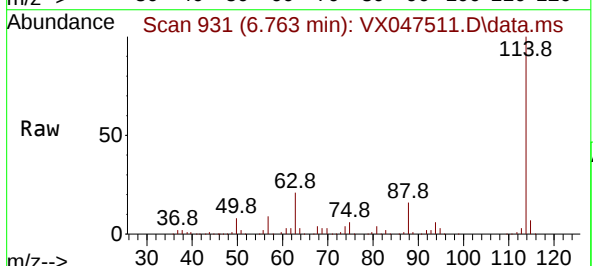
Tgt Ion:114 Resp: 383910

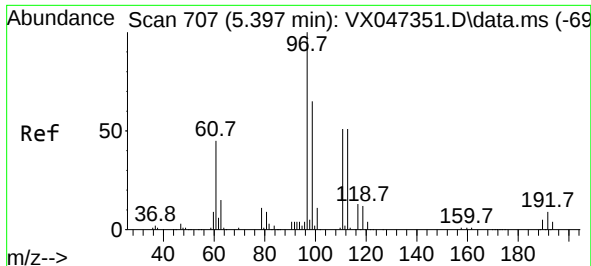
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

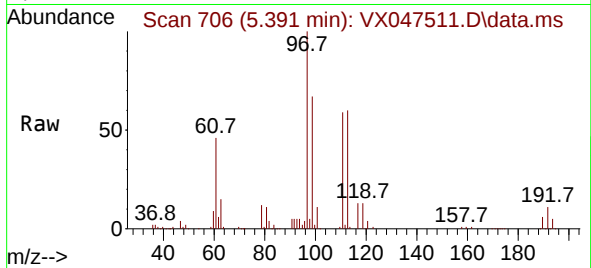
88 15.8 0.0 33.0





#35
Dibromofluoromethane
Concen: 51.322 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

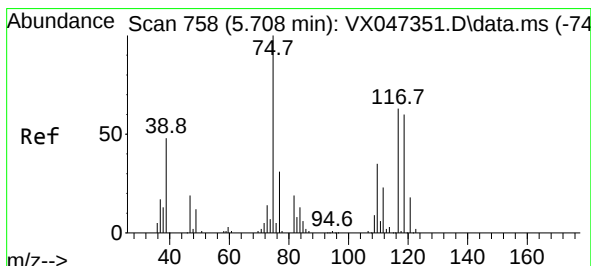
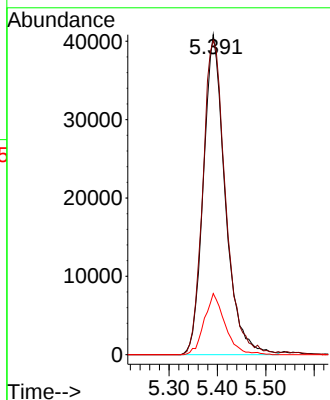
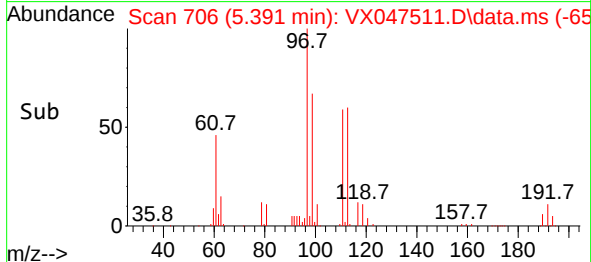
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 127874
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.2
192 18.3 14.1 21.1

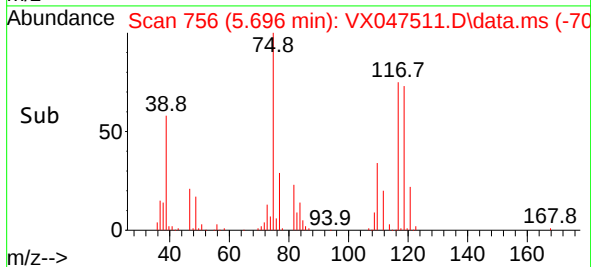
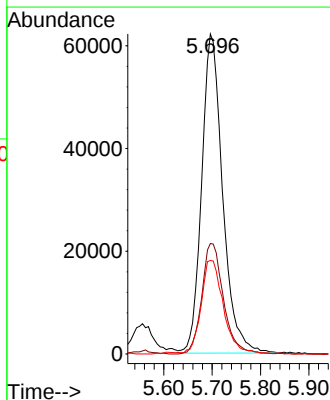
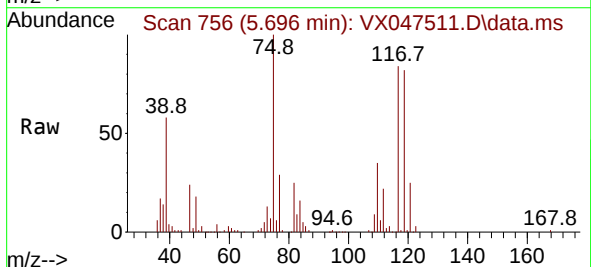
Manual Integrations
APPROVED

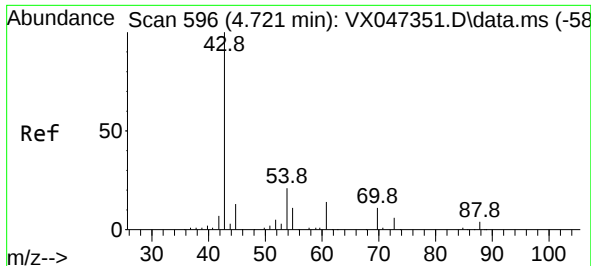
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#36
1,1-Dichloropropene
Concen: 47.642 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.012 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

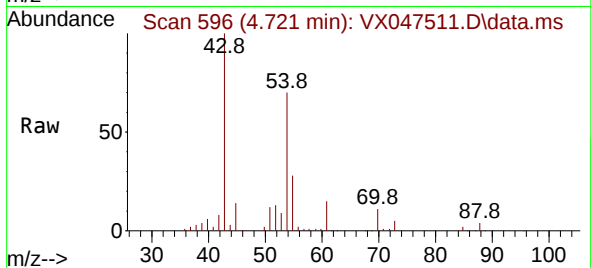
Tgt Ion: 75 Resp: 187385
Ion Ratio Lower Upper
75 100
110 35.8 17.4 52.2
77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 47.711 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

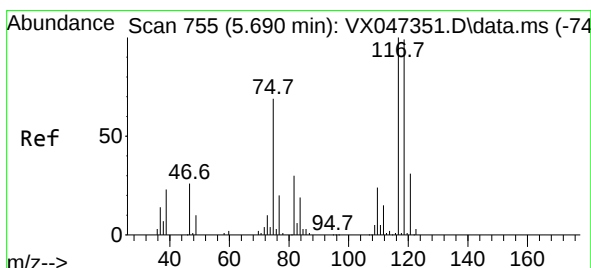
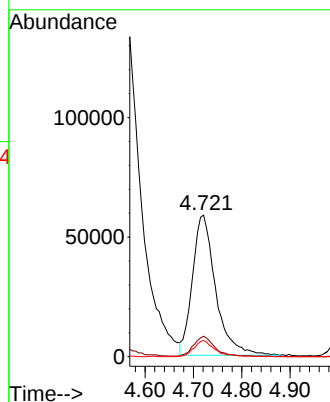
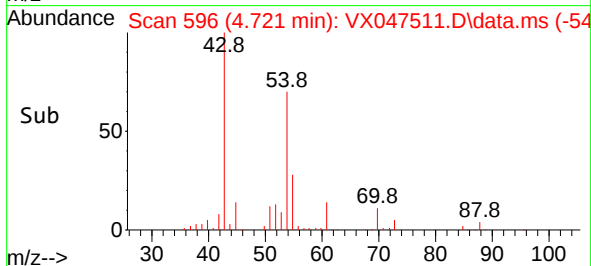
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 194810
Ion Ratio Lower Upper
43 100
61 13.1 9.4 14.2
70 10.6 7.0 10.6

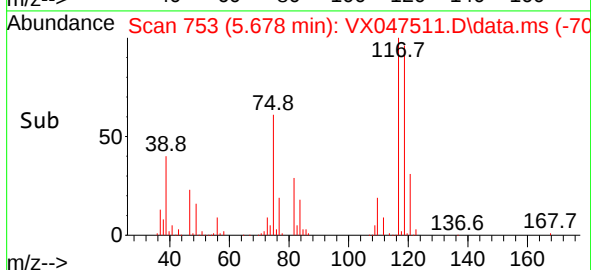
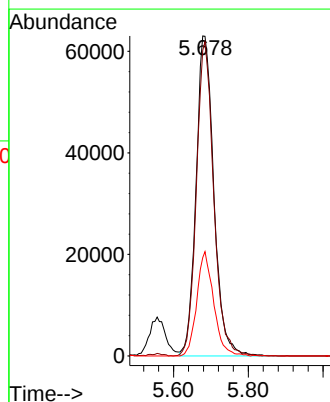
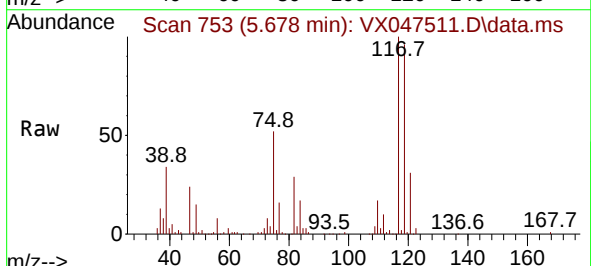
Manual Integrations
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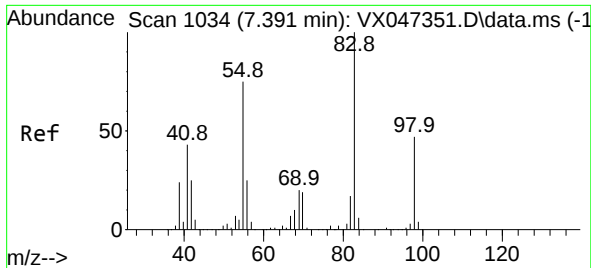
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#38
Carbon Tetrachloride
Concen: 48.552 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Tgt Ion:117 Resp: 208682
Ion Ratio Lower Upper
117 100
119 95.6 78.5 117.7
121 30.8 24.7 37.1





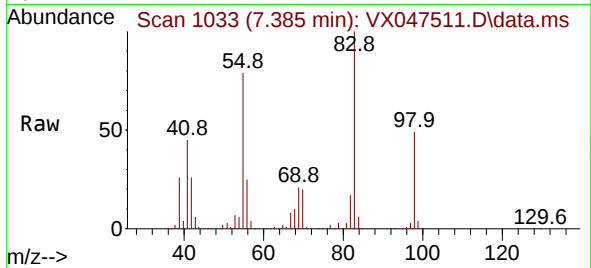
#39
Methylcyclohexane
Concen: 46.128 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



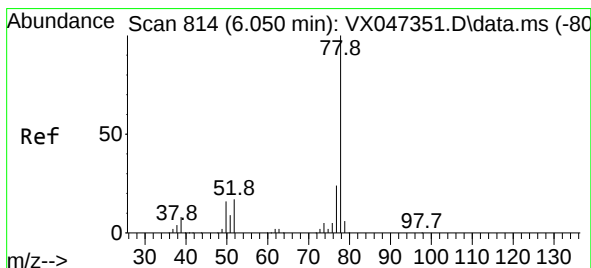
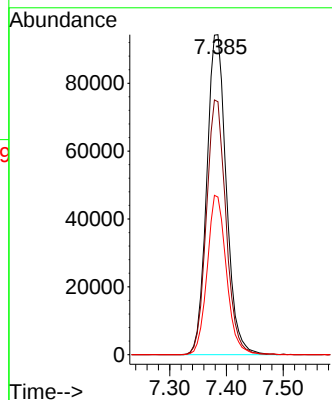
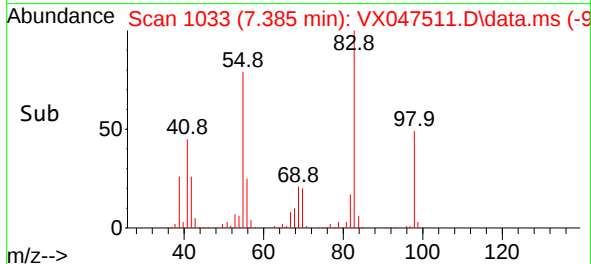
Tgt Ion: 83 Resp: 226307
Ion Ratio Lower Upper
83 100
55 79.1 60.0 90.0
98 49.3 37.2 55.8

Manual Integrations

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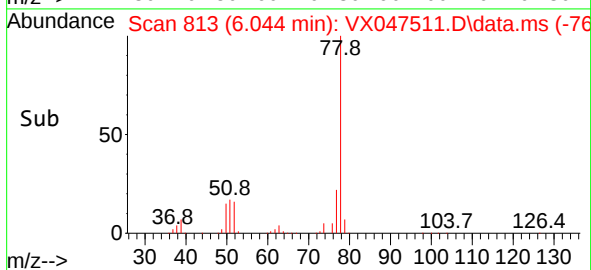
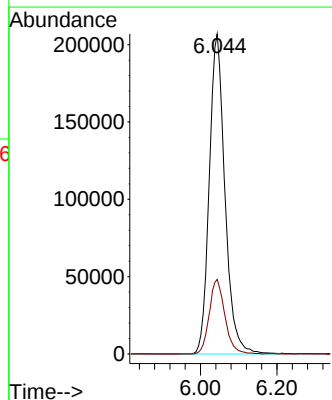
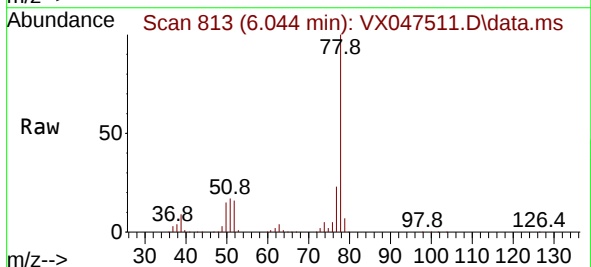
Reviewed By :John Carlone 08/26/2025

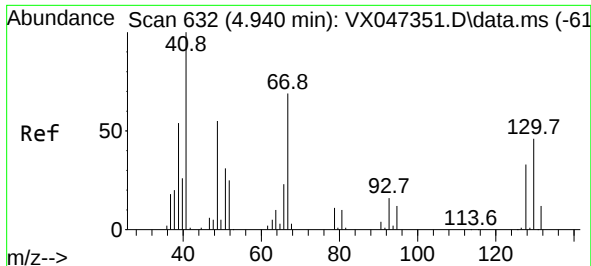
Supervised By :Mahesh Dadoda 08/26/2025



#40
Benzene
Concen: 49.868 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

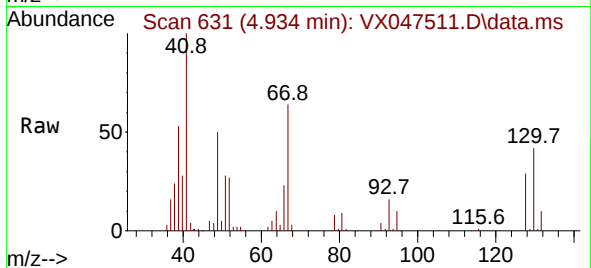
Tgt Ion: 78 Resp: 587089
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4





#41
Methacrylonitrile
Concen: 56.706 ug/l
RT: 4.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

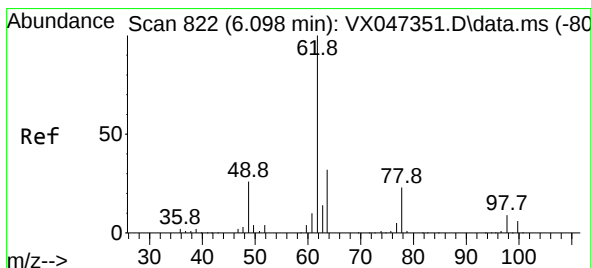
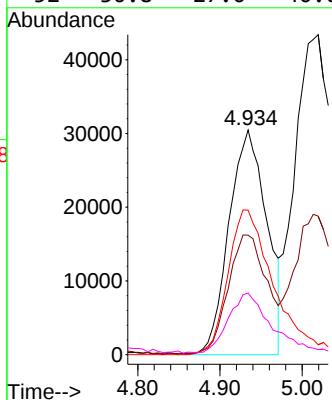
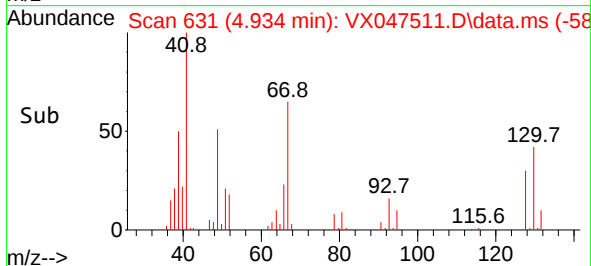
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 9764
Ion Ratio Lower Upper
41 100
39 54.0 45.4 68.2
67 79.3 64.0 96.0
52 30.8 27.0 40.6

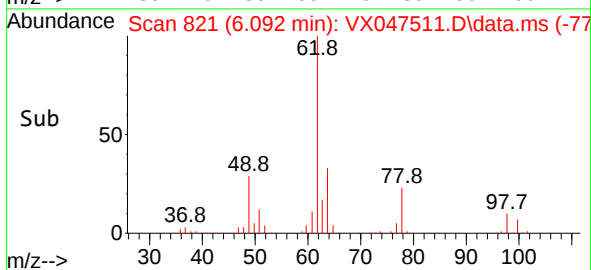
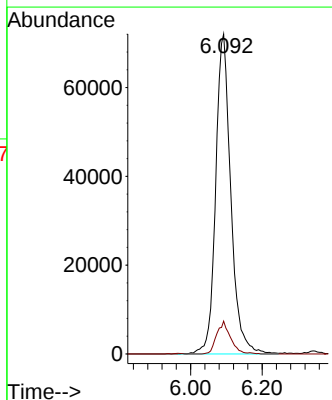
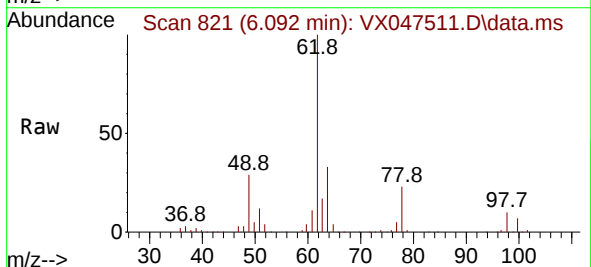
Manual Integrations
APPROVED

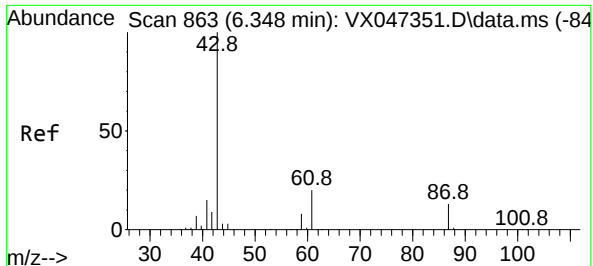
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#42
1,2-Dichloroethane
Concen: 50.763 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

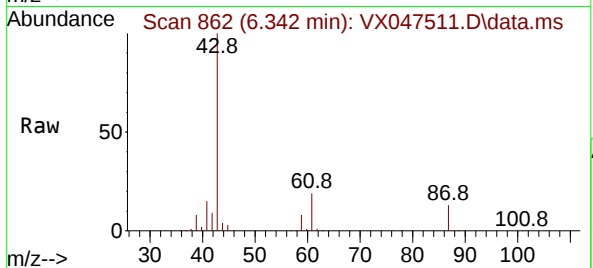
Tgt Ion: 62 Resp: 211685
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.0





#43
Isopropyl Acetate
Concen: 54.221 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

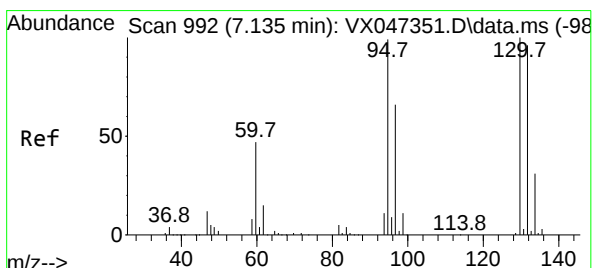
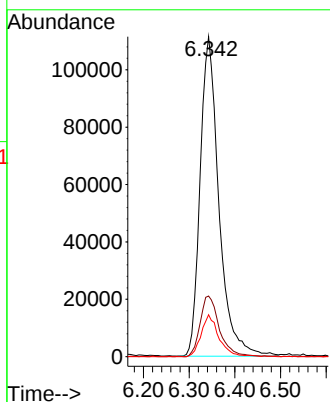
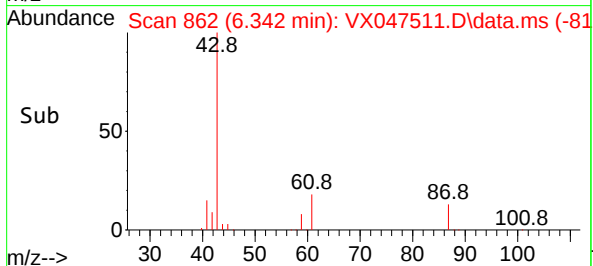
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 31805
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.0
87 12.4 10.2 15.4

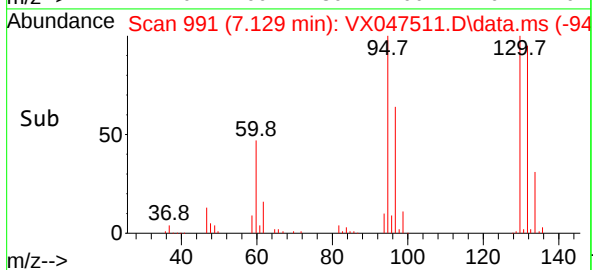
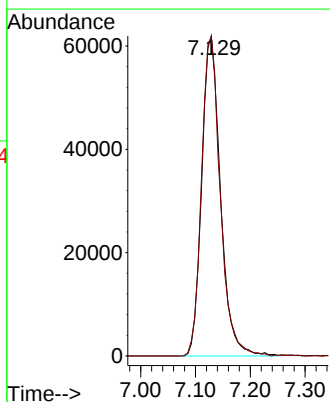
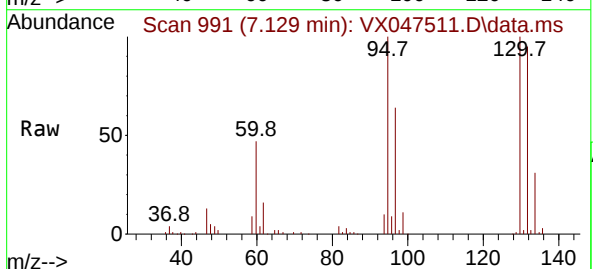
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APPROVED

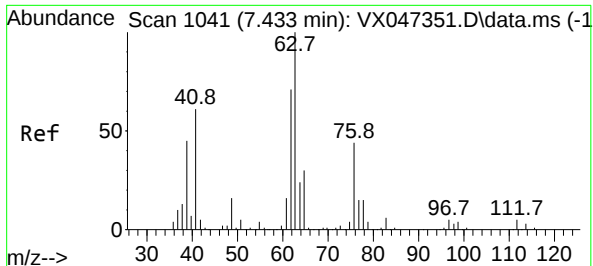
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#44
Trichloroethene
Concen: 48.717 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Tgt Ion:130 Resp: 146855
Ion Ratio Lower Upper
130 100
95 99.8 0.0 198.6





#45

1,2-Dichloropropane

Concen: 51.296 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15128

Ion Ratio Lower Upper

63 100

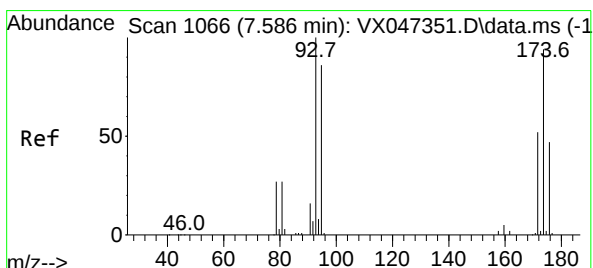
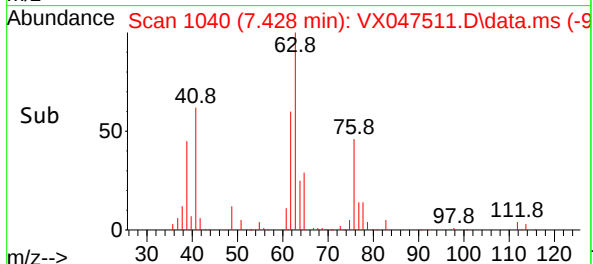
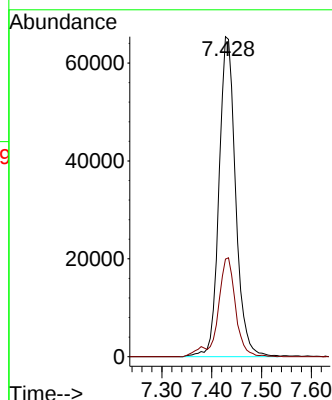
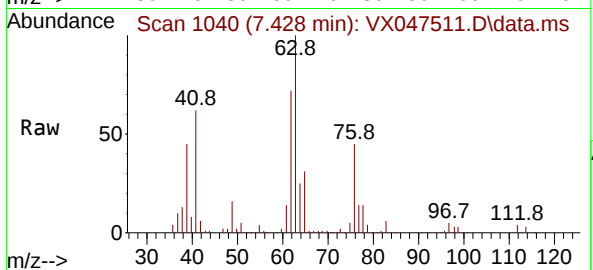
65 30.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#46

Dibromomethane

Concen: 50.748 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

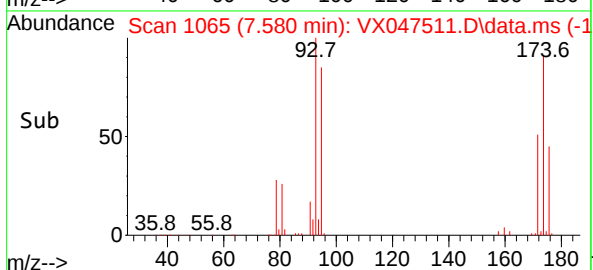
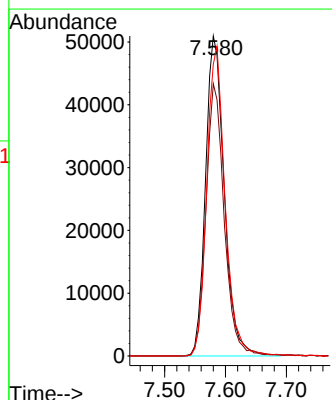
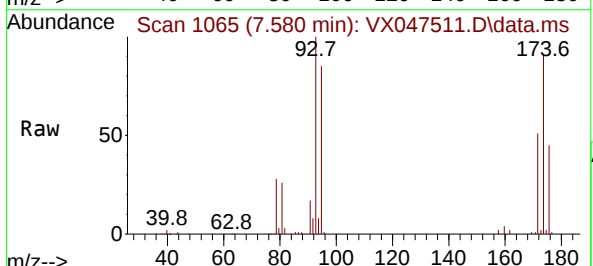
Tgt Ion: 93 Resp: 108662

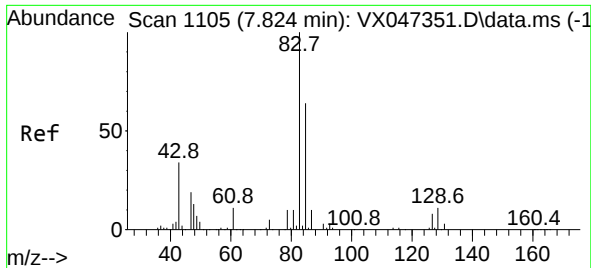
Ion Ratio Lower Upper

93 100

95 83.2 68.0 102.0

174 94.5 75.8 113.6





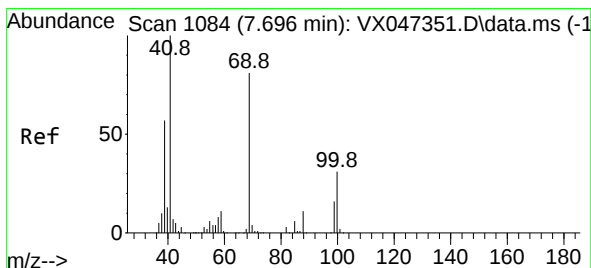
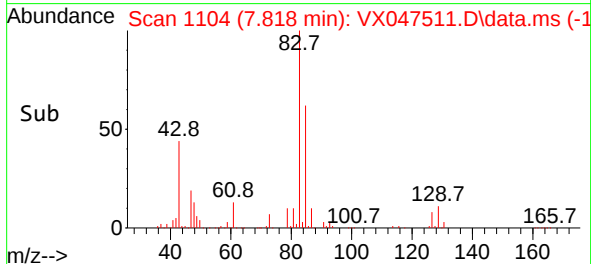
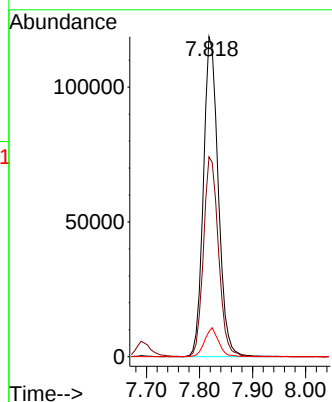
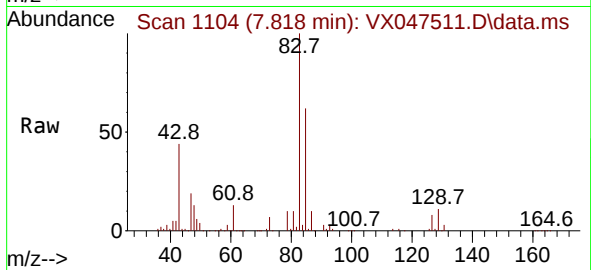
#47
Bromodichloromethane
Concen: 51.939 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 230552
Ion Ratio Lower Upper
83 100
85 62.4 51.0 76.6
127 7.9 7.0 10.4

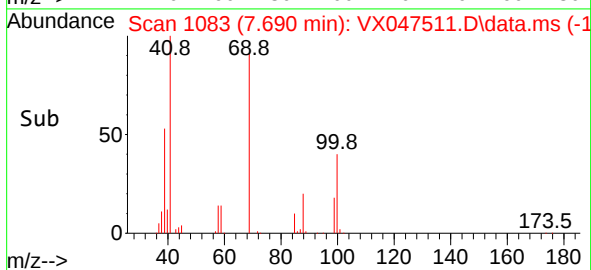
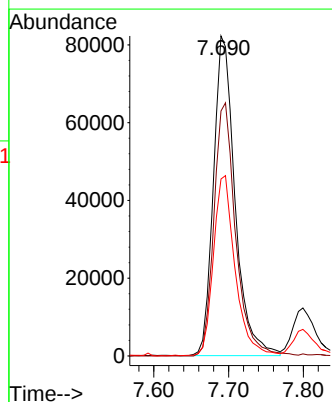
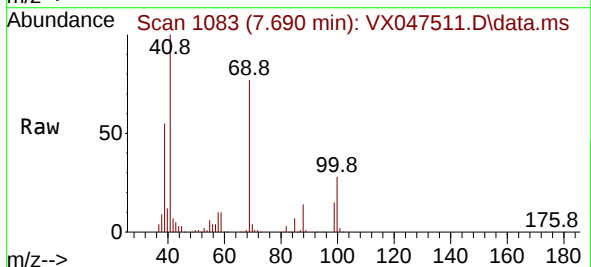
Manual Integrations
APPROVED

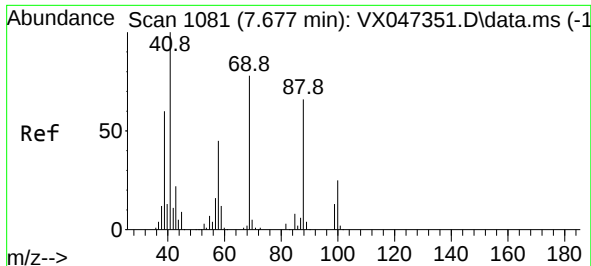
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#48
Methyl methacrylate
Concen: 54.320 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Tgt Ion: 41 Resp: 165395
Ion Ratio Lower Upper
41 100
69 79.7 65.0 97.4
39 56.5 45.7 68.5





#49

1,4-Dioxane

Concen: 1388.469 ug/l

RT: 7.671 min Scan# 1081

Delta R.T. -0.006 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 41098

Ion Ratio Lower Upper

88 100

43 39.8 32.4 48.6

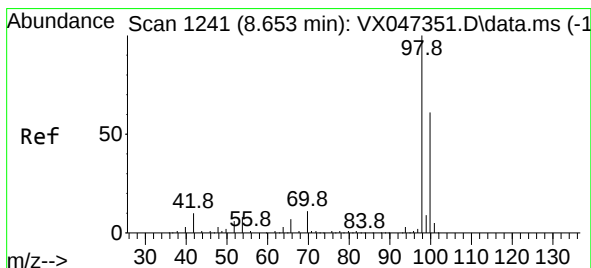
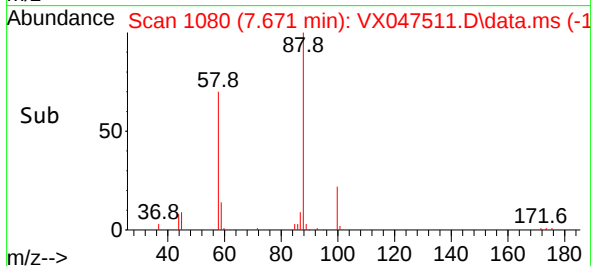
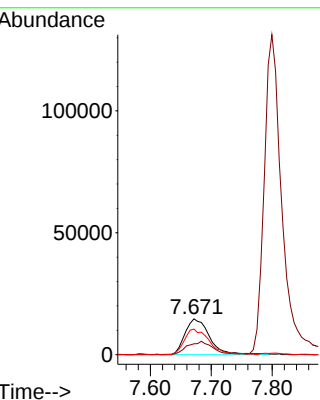
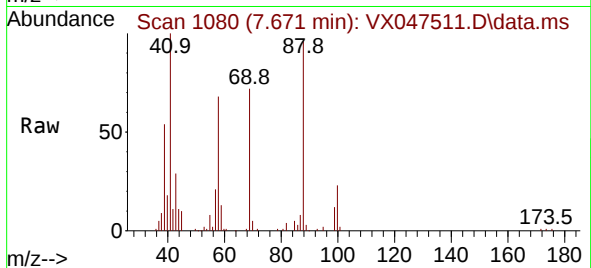
58 72.3 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#50

Toluene-d8

Concen: 50.240 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX047511.D

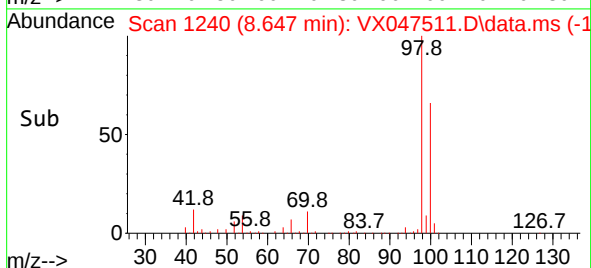
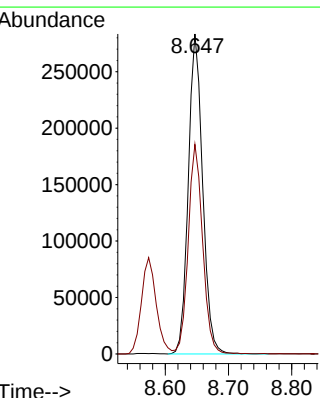
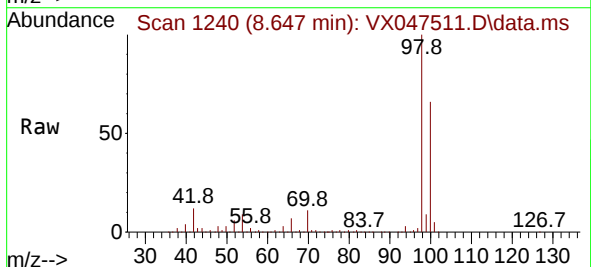
Acq: 25 Aug 2025 10:14

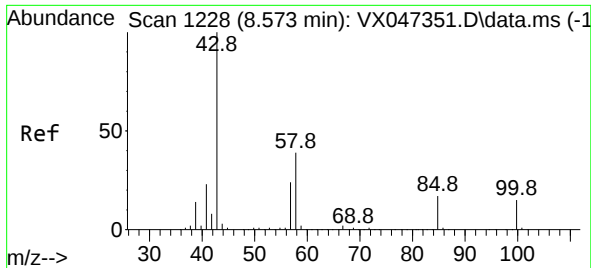
Tgt Ion: 98 Resp: 447425

Ion Ratio Lower Upper

98 100

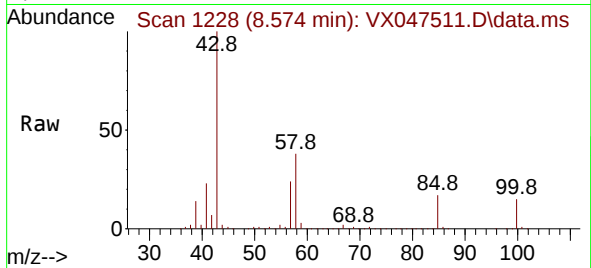
100 65.9 53.9 80.9





#51
4-Methyl-2-Pentanone
Concen: 281.396 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

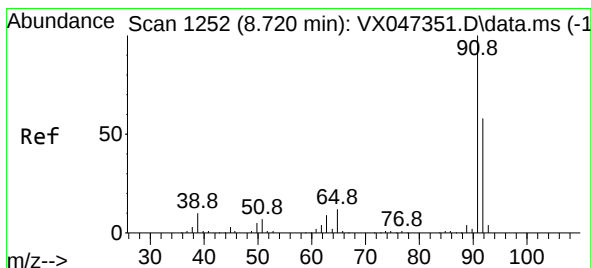
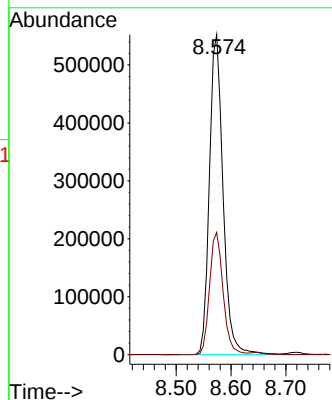
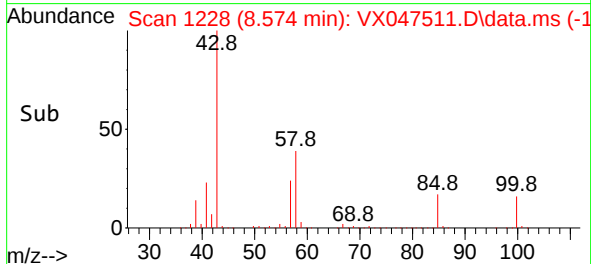
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 949880
Ion Ratio Lower Upper
43 100
58 37.9 31.2 46.8

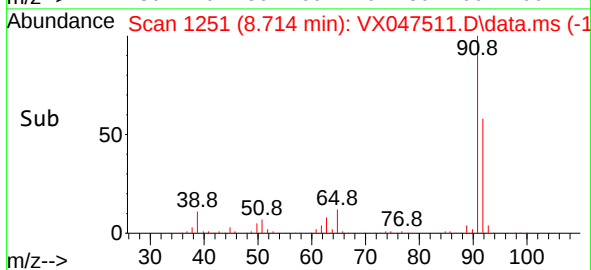
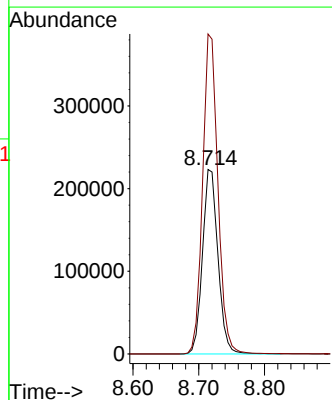
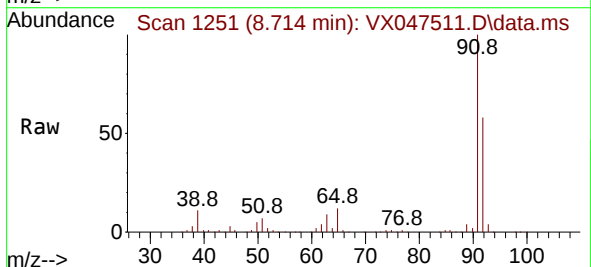
Manual Integrations
APPROVED

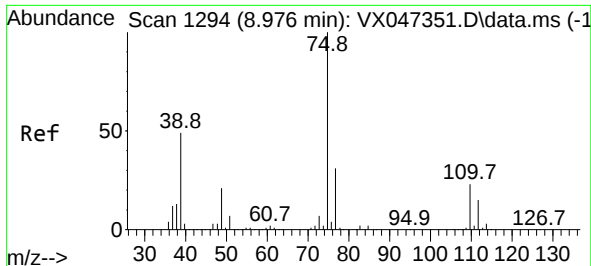
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#52
Toluene
Concen: 50.140 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Tgt Ion: 92 Resp: 364755
Ion Ratio Lower Upper
92 100
91 171.3 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 55.280 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 21416

Ion Ratio Lower Upper

75 100

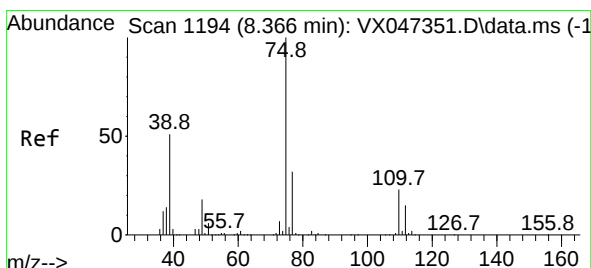
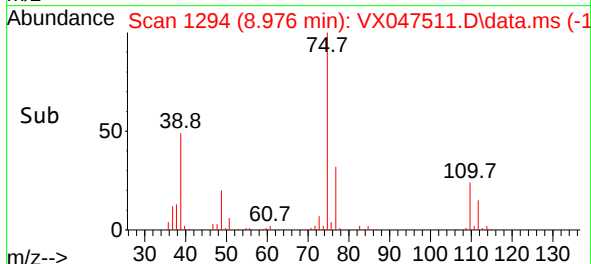
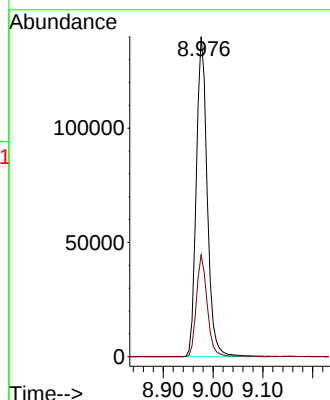
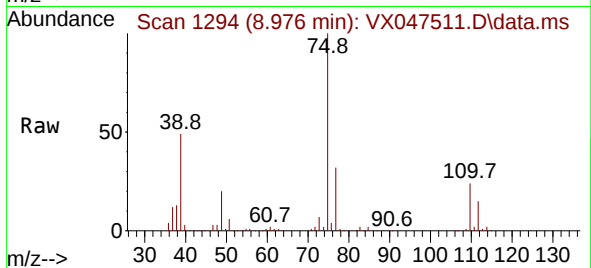
77 31.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#54

cis-1,3-Dichloropropene

Concen: 53.259 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

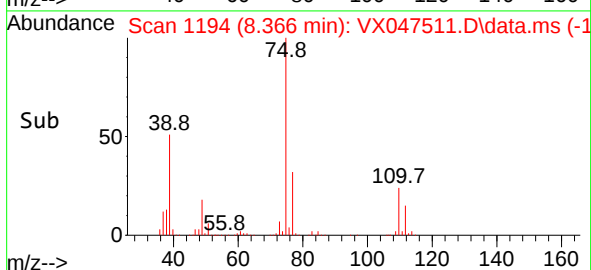
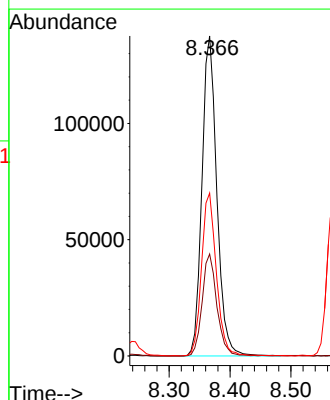
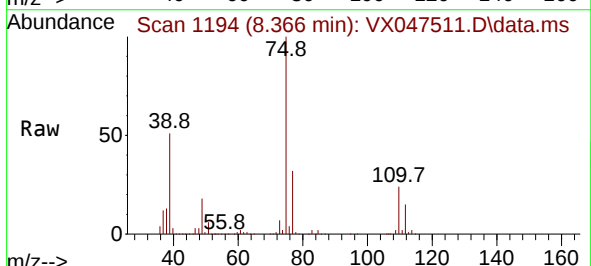
Tgt Ion: 75 Resp: 233542

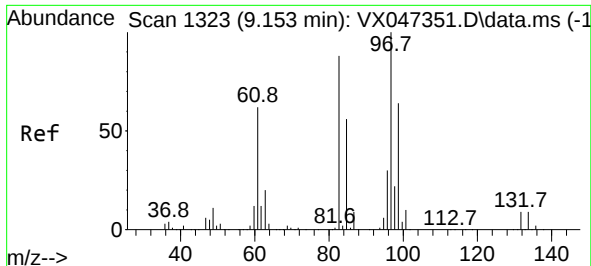
Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

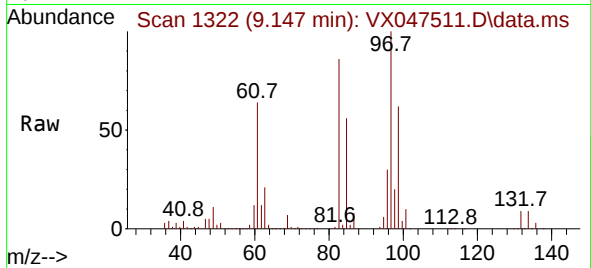
39 50.8 40.9 61.3





#55
1,1,2-Trichloroethane
Concen: 52.088 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

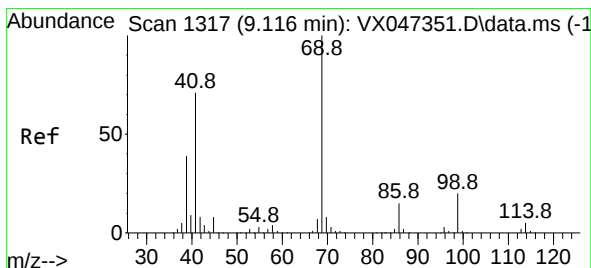
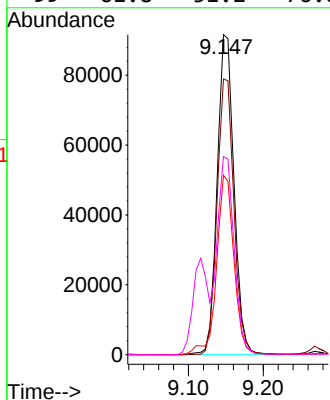
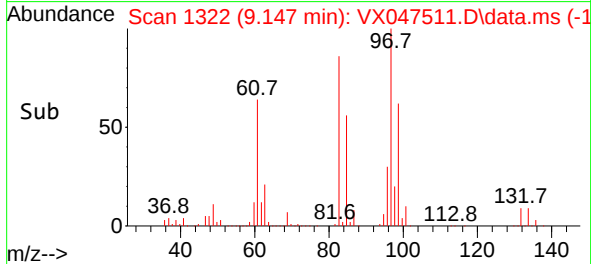
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



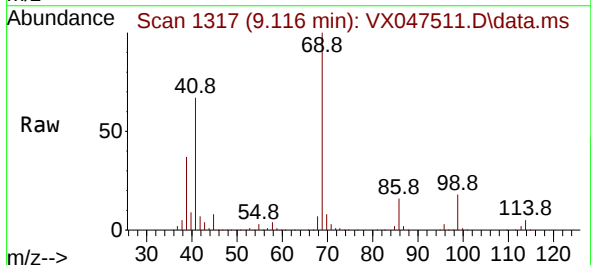
Tgt Ion: 97 Resp: 143869
Ion Ratio Lower Upper
97 100
83 86.1 70.6 106.0
85 56.0 44.7 67.1
99 61.8 51.2 76.8

Manual Integrations
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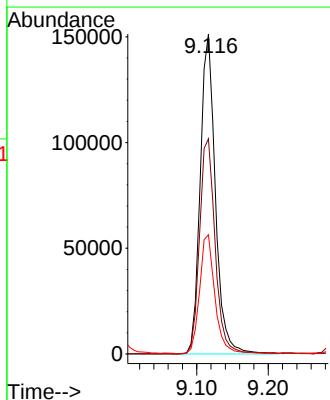
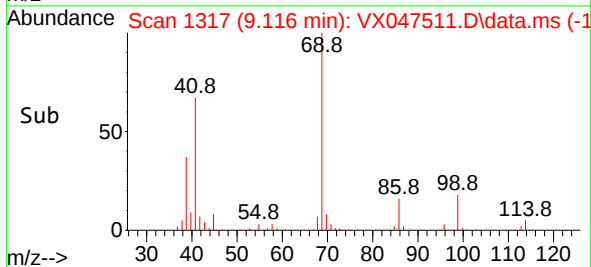
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

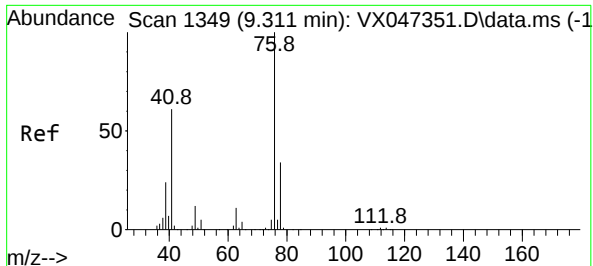


#56
Ethyl methacrylate
Concen: 54.733 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14



Tgt Ion: 69 Resp: 222885
Ion Ratio Lower Upper
69 100
41 69.9 55.3 82.9
39 38.2 30.2 45.2





#57

1,3-Dichloropropane

Concen: 52.358 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 246424

Ion Ratio Lower Upper

76 100

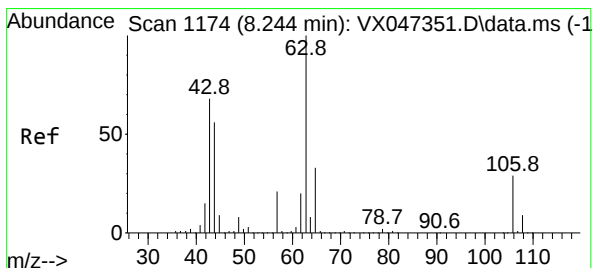
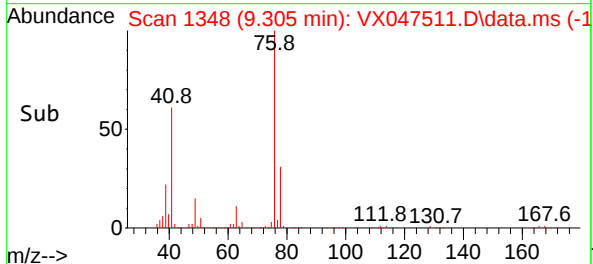
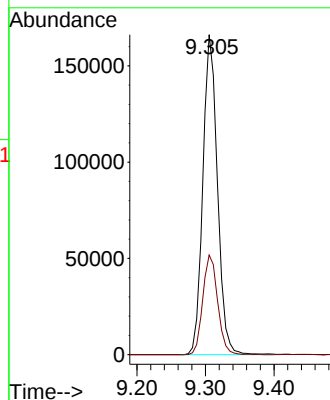
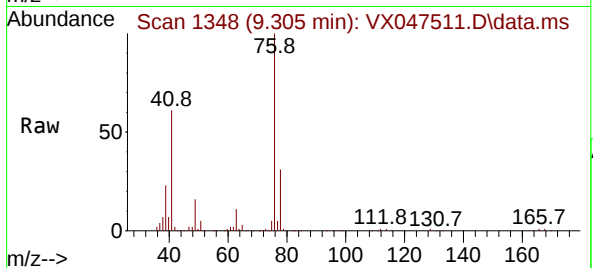
78 31.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 246.134 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047511.D

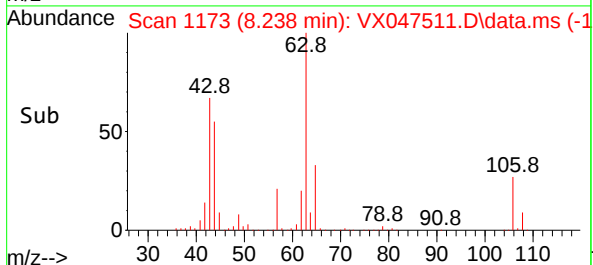
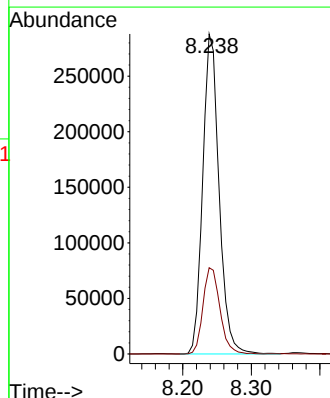
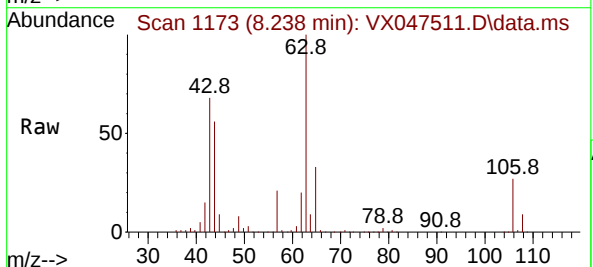
Acq: 25 Aug 2025 10:14

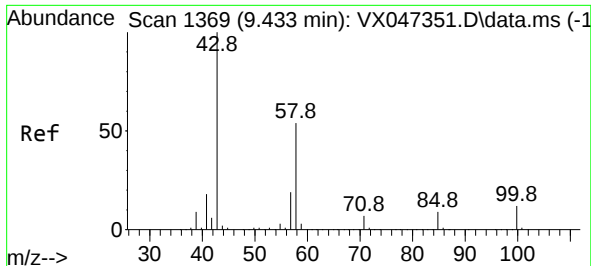
Tgt Ion: 63 Resp: 478357

Ion Ratio Lower Upper

63 100

106 27.9 22.8 34.2





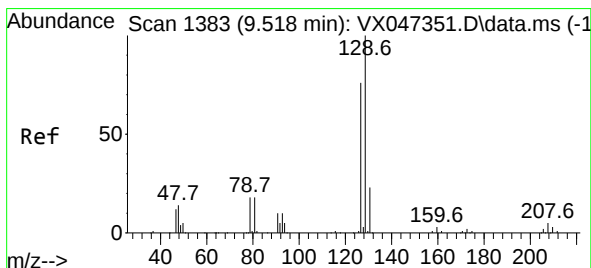
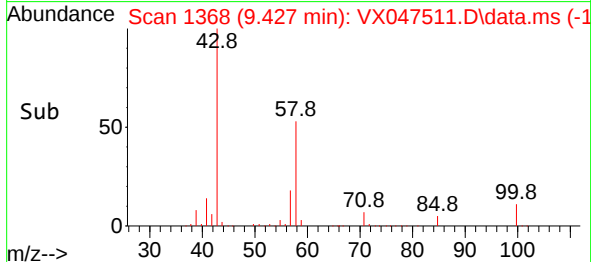
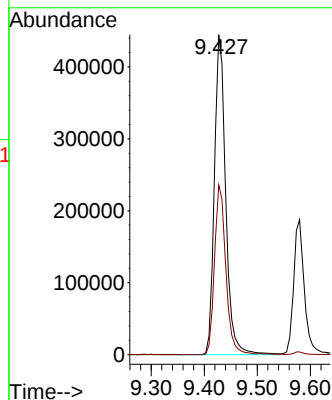
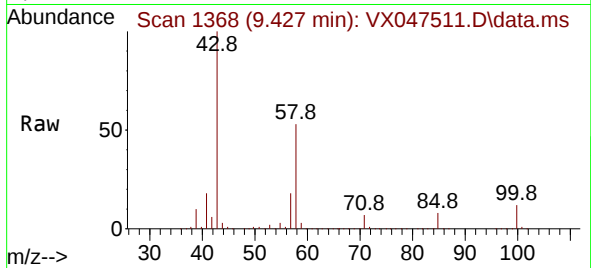
#59
2-Hexanone
Concen: 282.395 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 659390
Ion Ratio Lower Upper
43 100
58 53.5 26.9 80.7

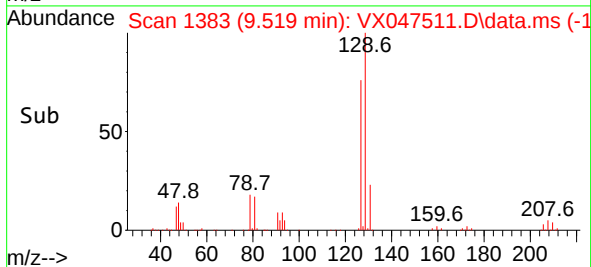
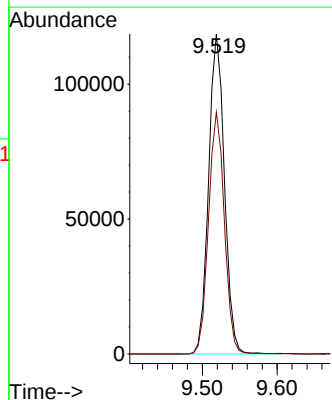
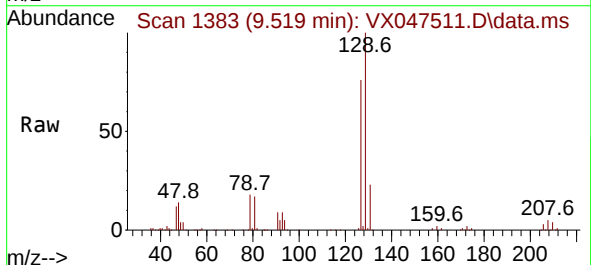
Manual Integrations
APPROVED

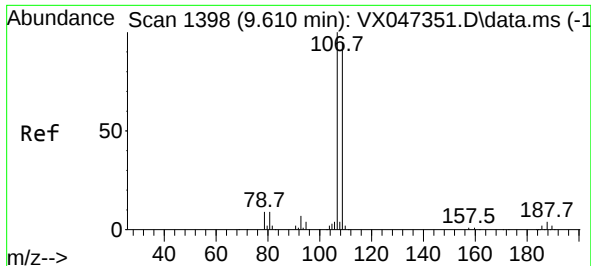
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#60
Dibromochloromethane
Concen: 53.053 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Tgt Ion:129 Resp: 174144
Ion Ratio Lower Upper
129 100
127 75.8 38.9 116.6





#61
1,2-Dibromoethane
Concen: 52.050 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

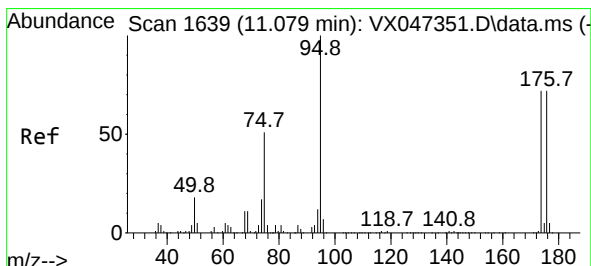
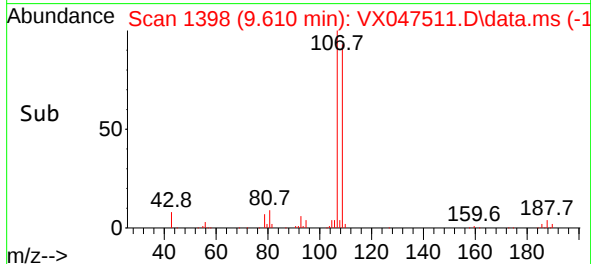
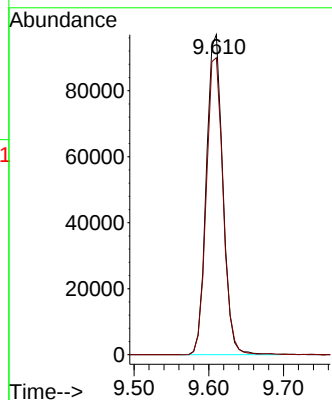
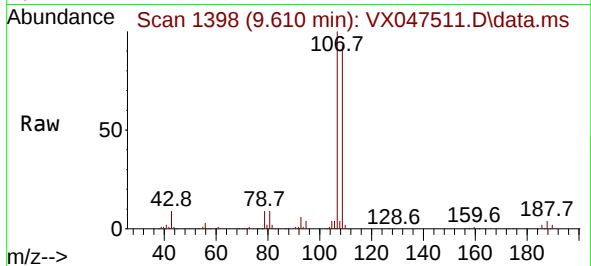
VSTDCCC050

Tgt Ion:107 Resp: 148250
Ion Ratio Lower Upper
107 100
109 94.3 76.2 114.2

Manual Integrations

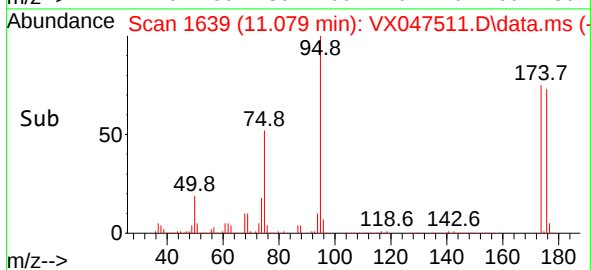
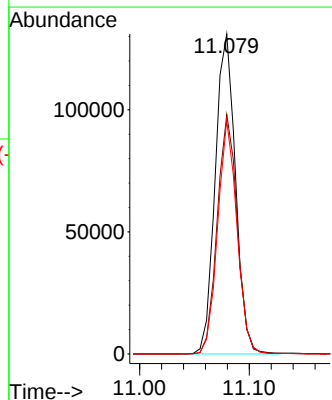
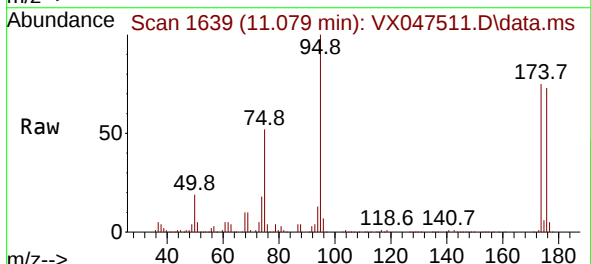
APPROVED

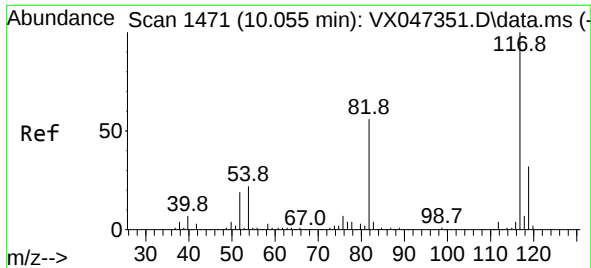
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#62
4-Bromofluorobenzene
Concen: 51.214 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

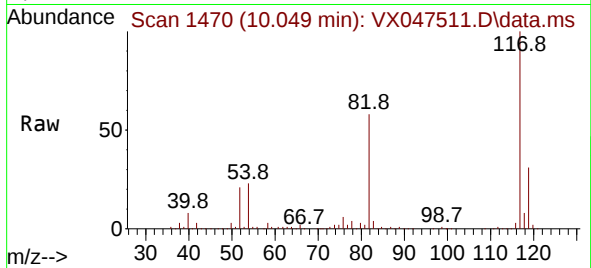
Tgt Ion: 95 Resp: 168309
Ion Ratio Lower Upper
95 100
174 73.9 0.0 148.0
176 69.4 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

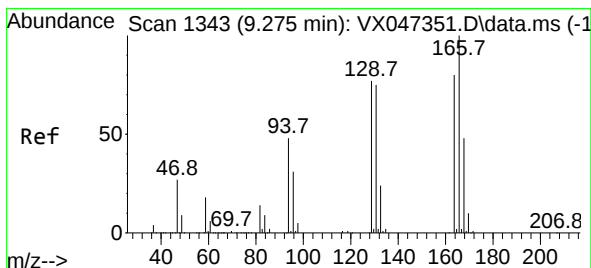
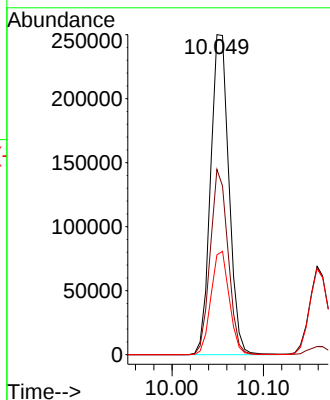
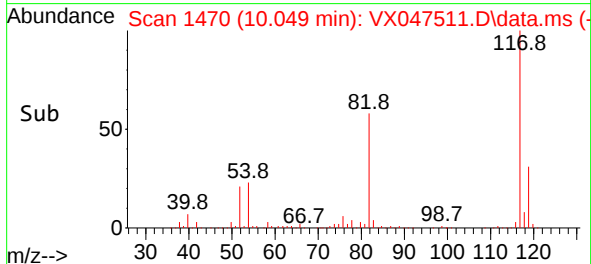
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 34830
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 31.2 25.8 38.8

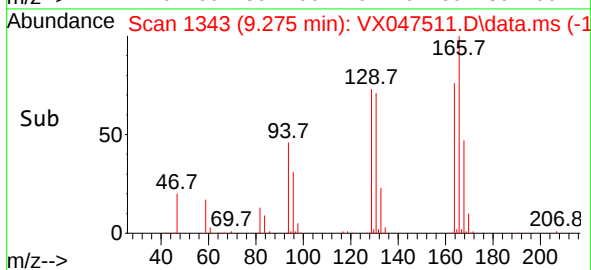
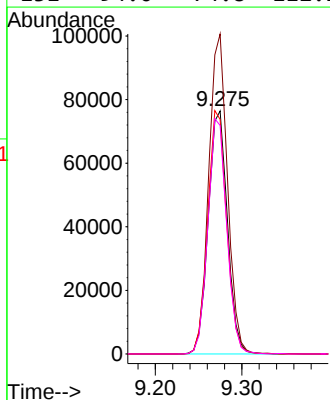
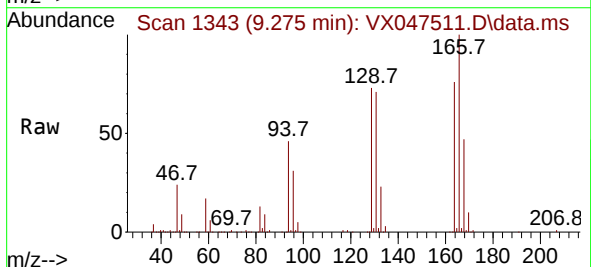
Manual Integrations
APPROVED

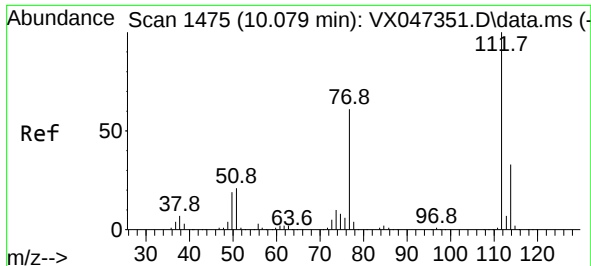
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#64
Tetrachloroethene
Concen: 46.591 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

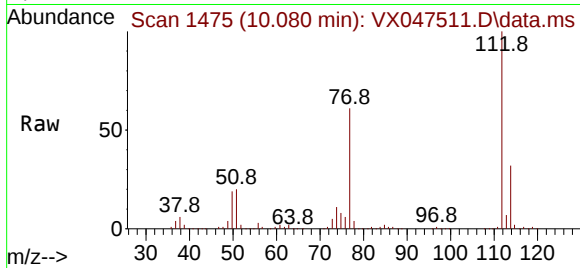
Tgt Ion:164 Resp: 117377
Ion Ratio Lower Upper
164 100
166 131.7 100.3 150.5
129 96.5 77.7 116.5
131 94.0 74.8 112.2





#65
Chlorobenzene
Concen: 48.708 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

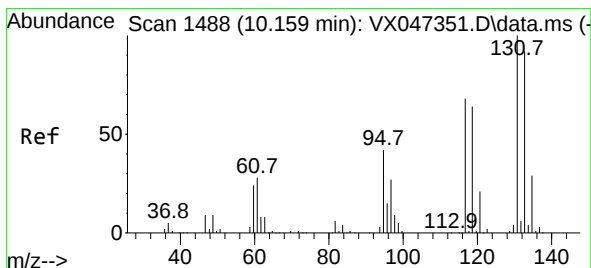
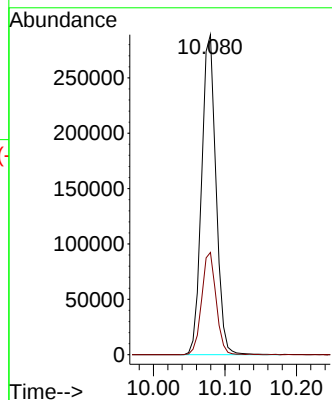
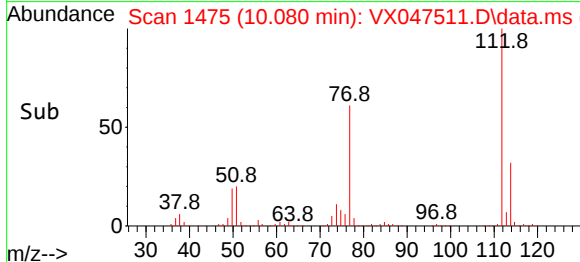
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



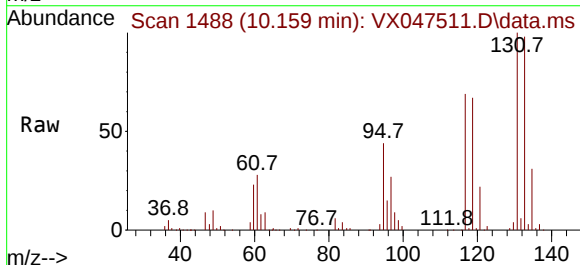
Tgt Ion:112 Resp: 403154
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6

Manual Integrations
APPROVED

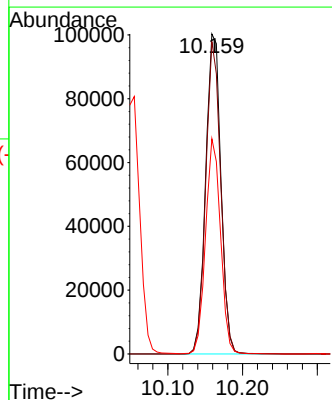
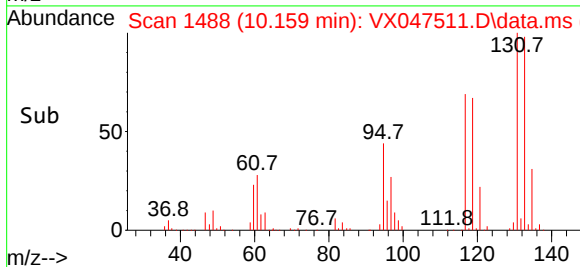
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

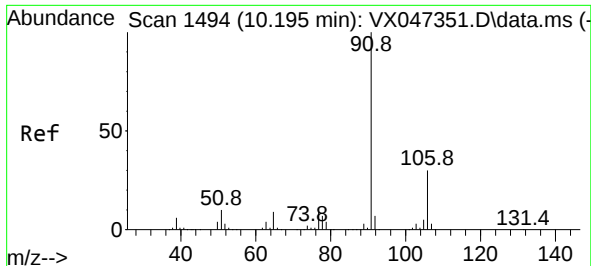


#66
1,1,1,2-Tetrachloroethane
Concen: 50.885 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14



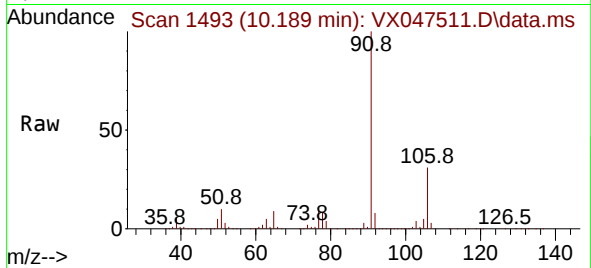
Tgt Ion:131 Resp: 142376
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 65.9 32.3 96.8





#67
Ethyl Benzene
Concen: 48.750 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

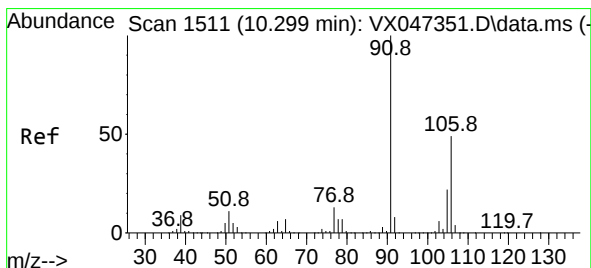
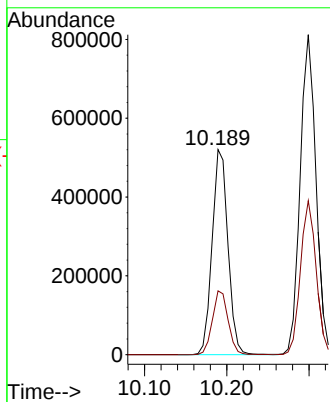
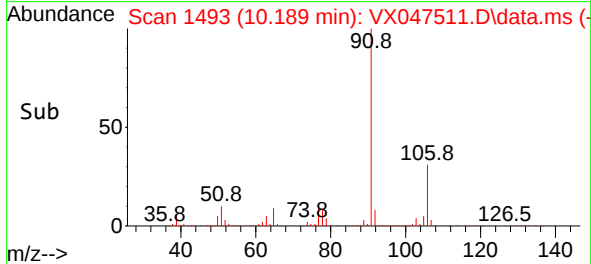
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 694490
Ion Ratio Lower Upper
91 100
106 31.1 24.4 36.6

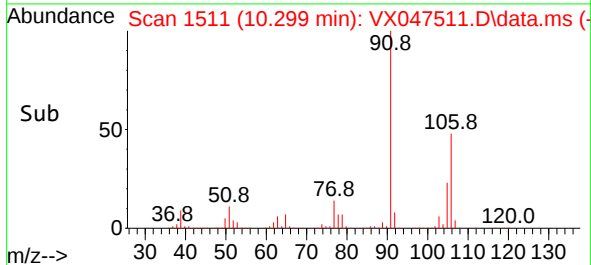
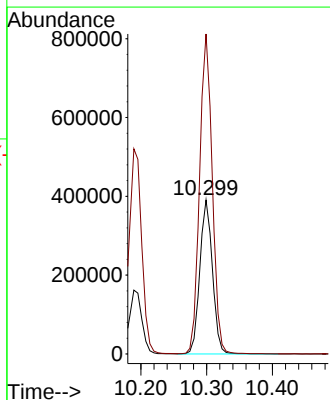
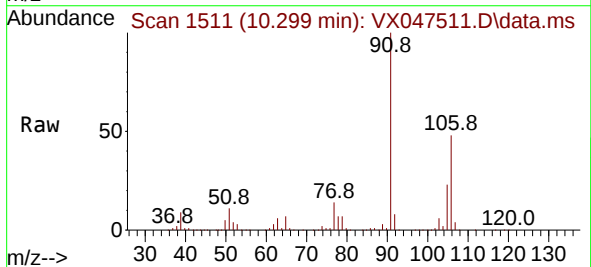
Manual Integrations
APPROVED

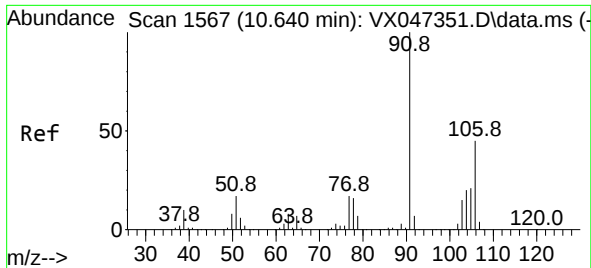
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#68
m/p-Xylenes
Concen: 97.968 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Tgt Ion:106 Resp: 520400
Ion Ratio Lower Upper
106 100
91 209.0 164.7 247.1





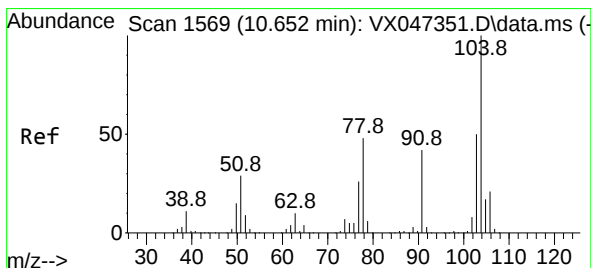
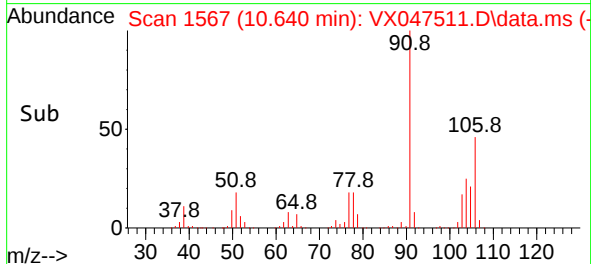
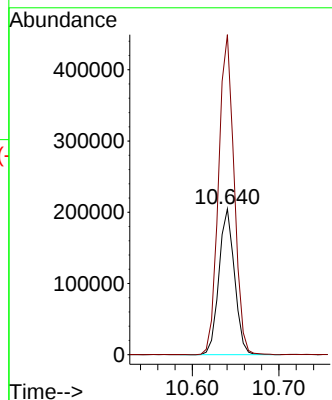
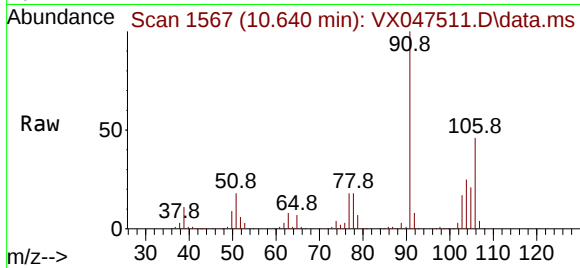
#69
o-Xylene
Concen: 50.022 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 255708
Ion Ratio Lower Upper
106 100
91 219.9 110.6 331.8

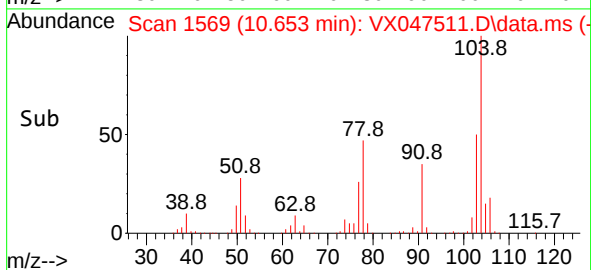
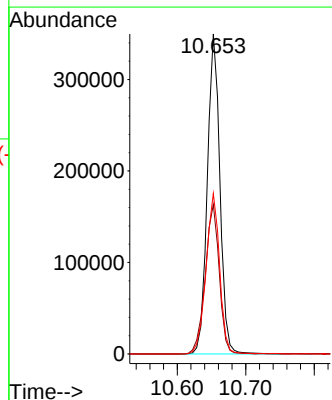
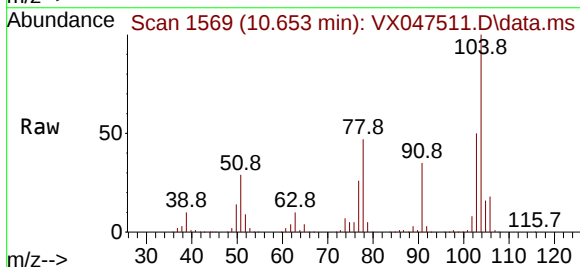
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#70
Styrene
Concen: 51.818 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

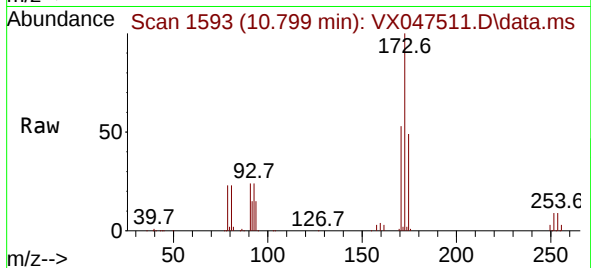
Tgt Ion:104 Resp: 447574
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 54.2 43.6 65.4





#71
Bromoform
Concen: 54.134 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

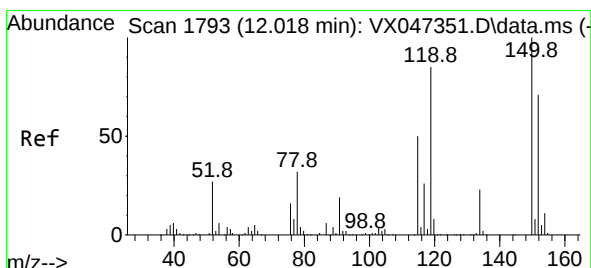
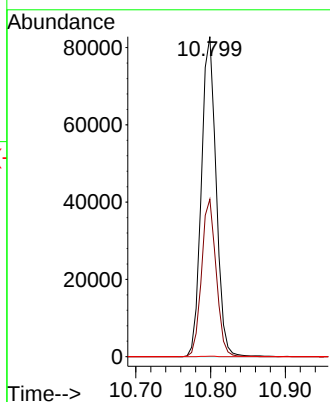
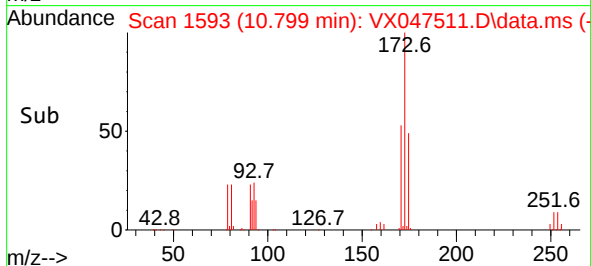
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



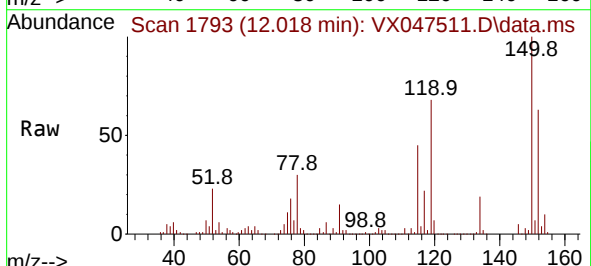
Tgt Ion:173 Resp: 113790
Ion Ratio Lower Upper
173 100
175 48.6 24.4 73.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

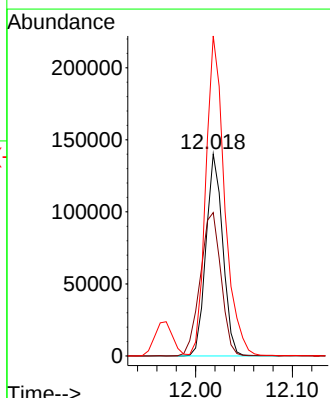
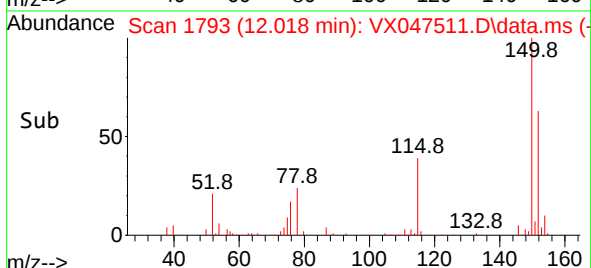
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

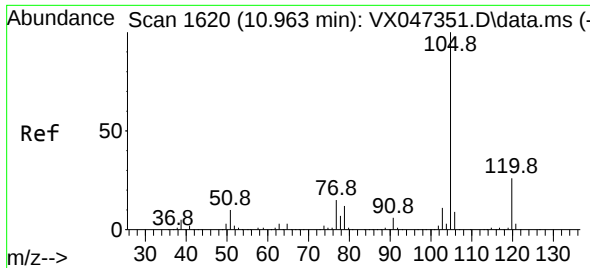


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14



Tgt Ion:152 Resp: 169040
Ion Ratio Lower Upper
152 100
115 88.2 44.6 133.8
150 176.6 0.0 349.8





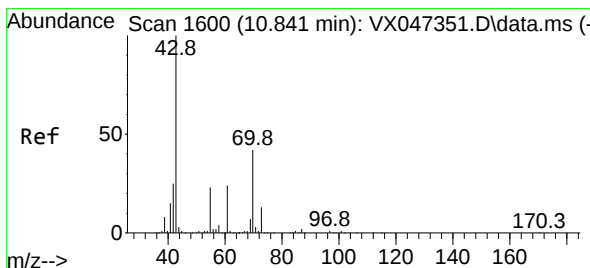
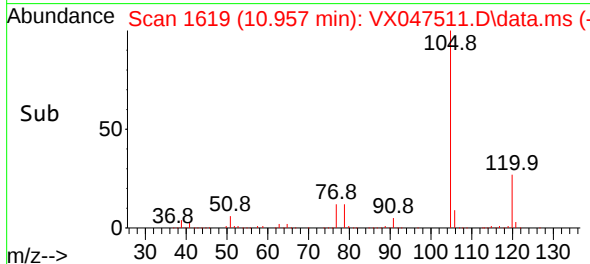
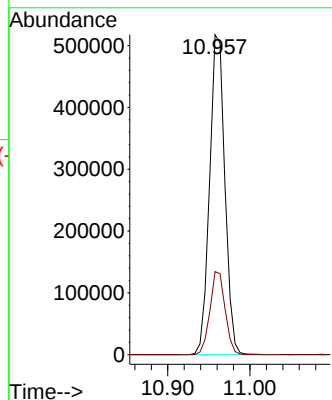
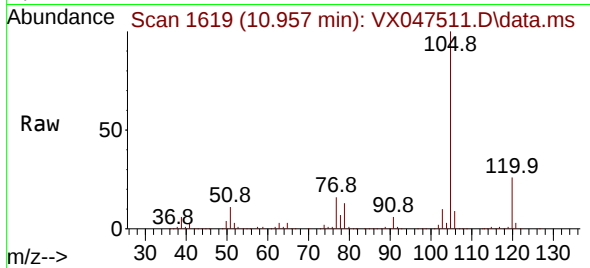
#73
Isopropylbenzene
Concen: 50.529 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 66840
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

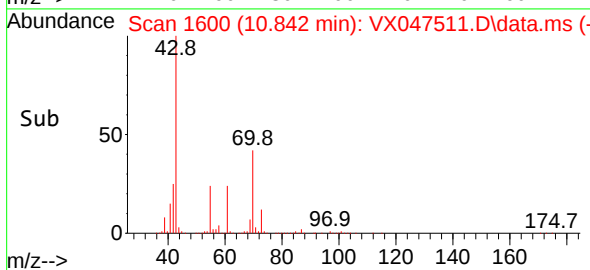
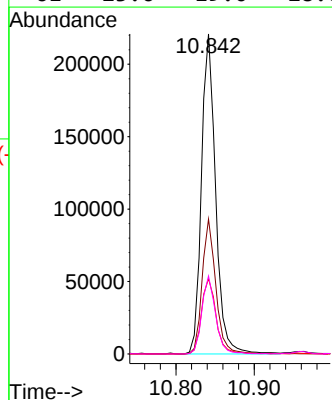
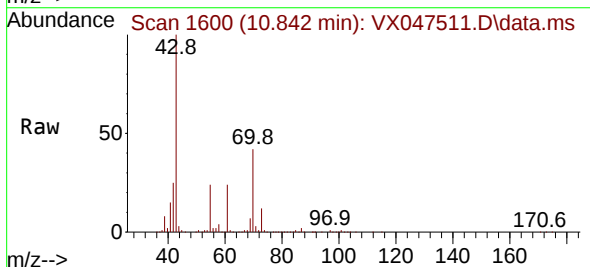
Manual Integrations
APPROVED

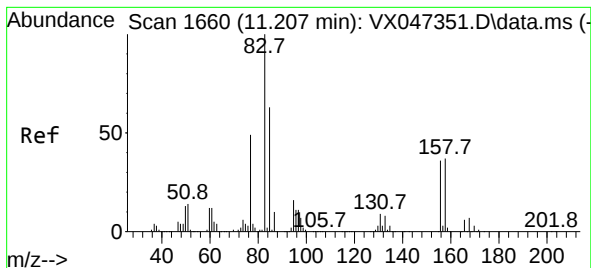
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#74
N-ethyl acetate
Concen: 55.235 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

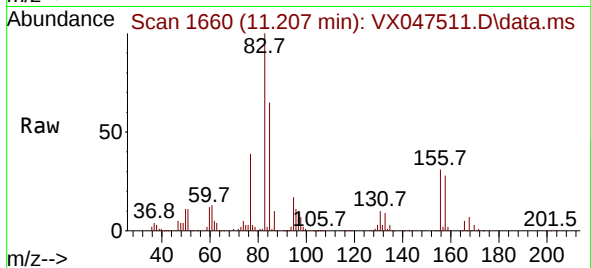
Tgt Ion: 43 Resp: 277462
Ion Ratio Lower Upper
43 100
70 41.0 33.1 49.7
55 24.3 19.0 28.6
61 23.6 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 52.808 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

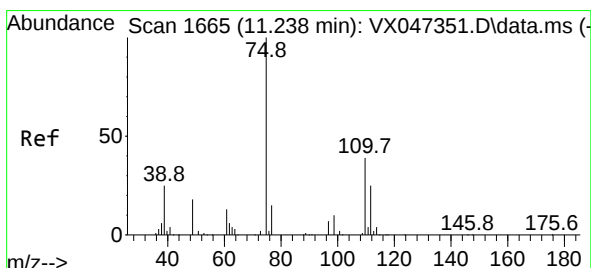
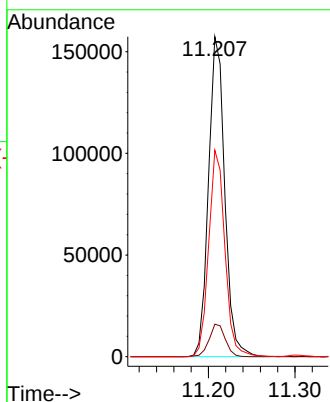
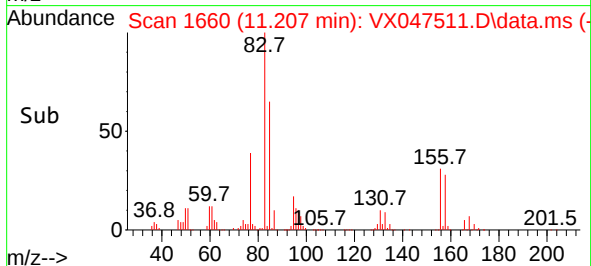
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 20509
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 64.3 31.7 95.1

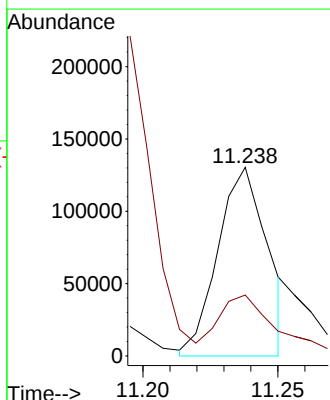
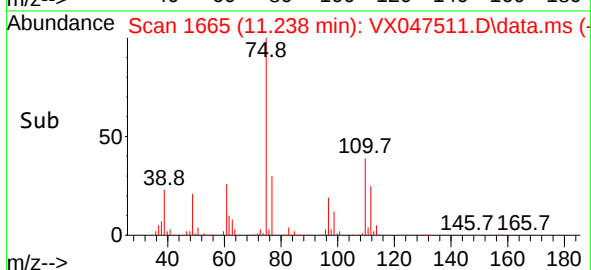
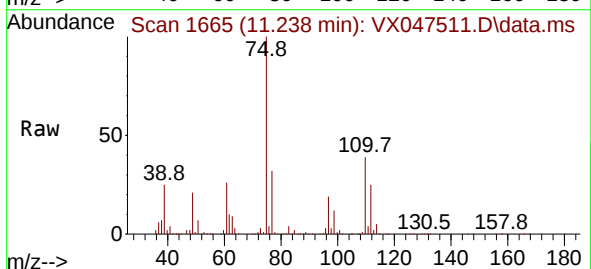
Manual Integrations
APPROVED

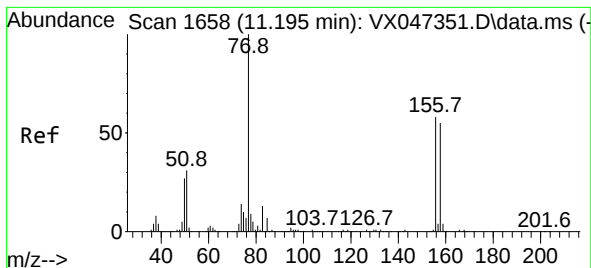
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#76
1,2,3-Trichloropropane
Concen: 53.628 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

Tgt Ion: 75 Resp: 166267
Ion Ratio Lower Upper
75 100
77 38.6 19.4 58.2





#77

Bromobenzene

Concen: 50.494 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 163100

Ion Ratio Lower Upper

156 100

77 172.5 86.3 258.9

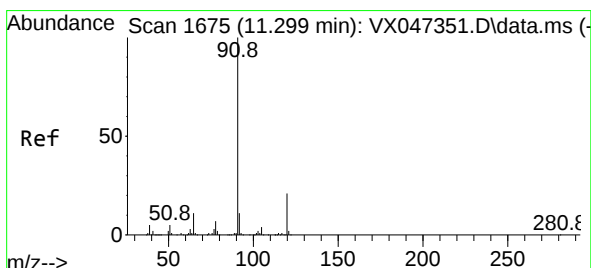
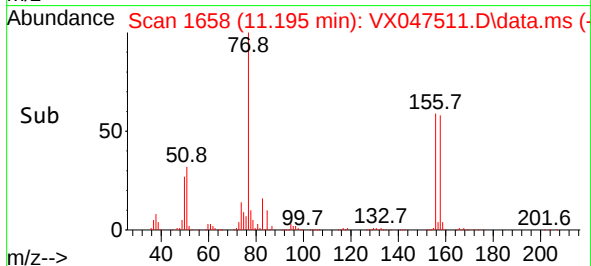
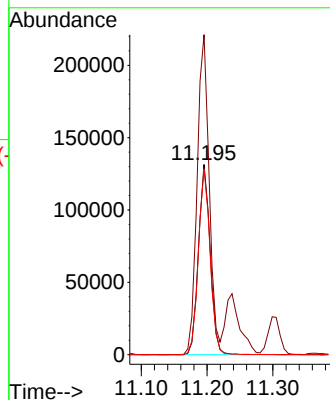
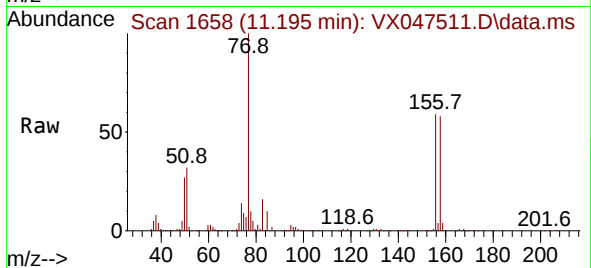
158 97.7 48.0 144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#78

n-propylbenzene

Concen: 50.277 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX047511.D

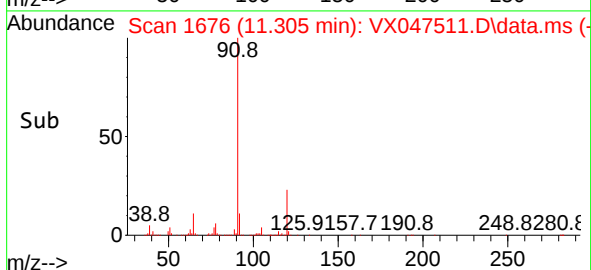
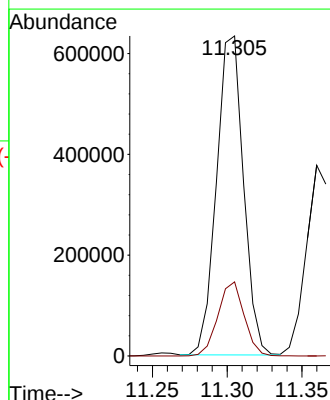
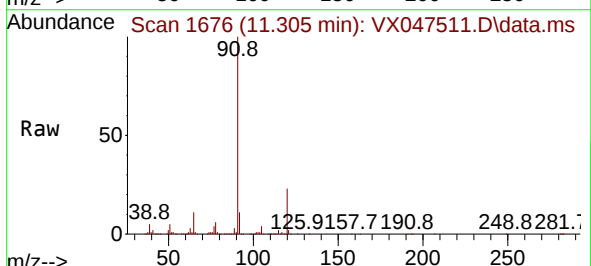
Acq: 25 Aug 2025 10:14

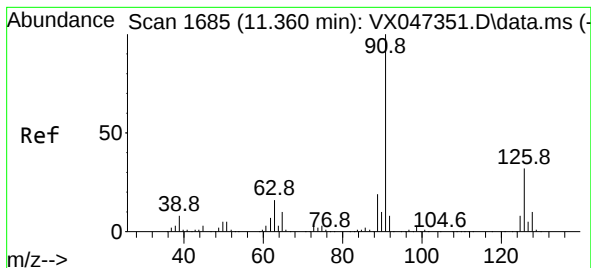
Tgt Ion: 91 Resp: 794308

Ion Ratio Lower Upper

91 100

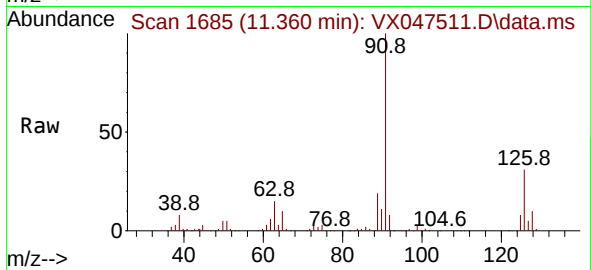
120 22.5 11.0 33.0





#79
2-Chlorotoluene
Concen: 49.263 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

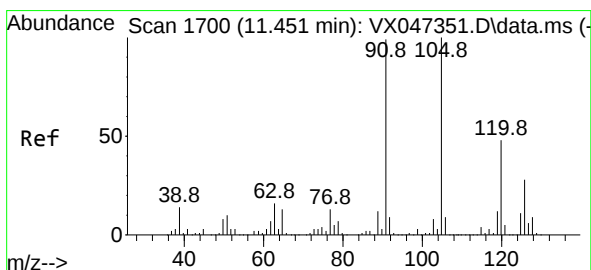
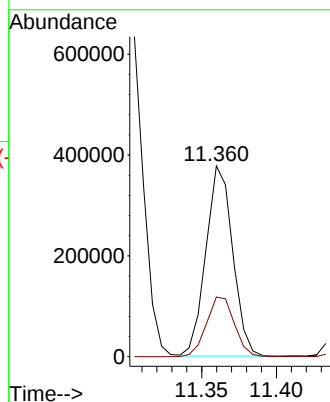
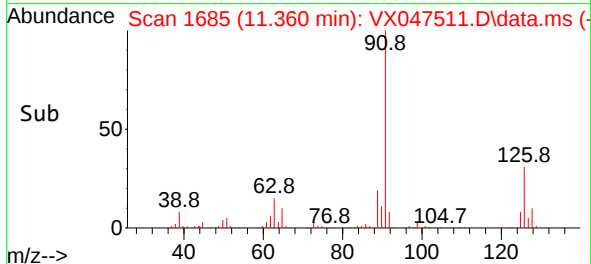
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



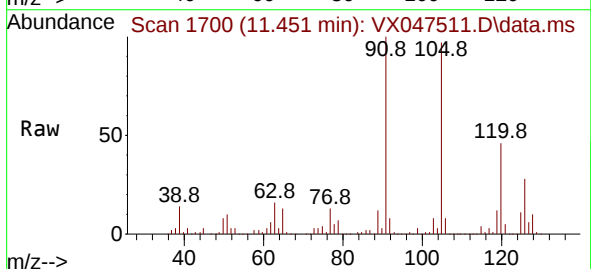
Tgt Ion: 91 Resp: 470478
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.1

Manual Integrations
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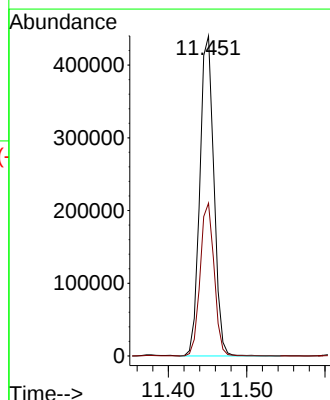
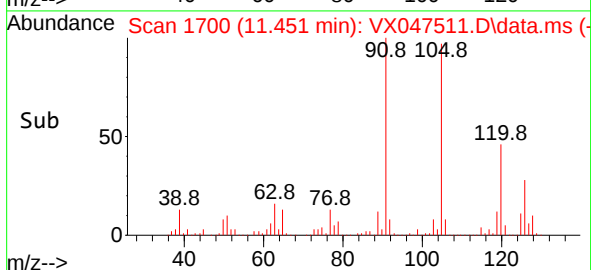
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.459 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14



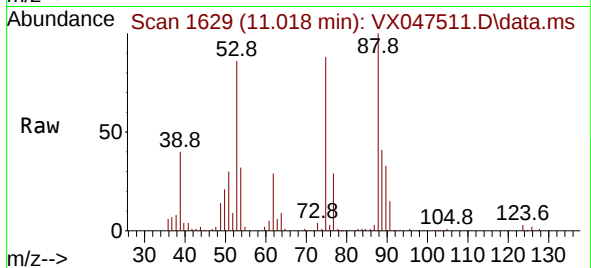
Tgt Ion:105 Resp: 549200
Ion Ratio Lower Upper
105 100
120 47.6 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 46.723 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

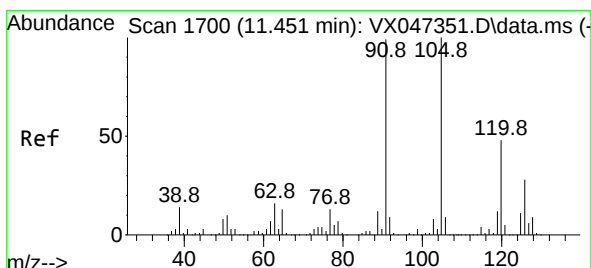
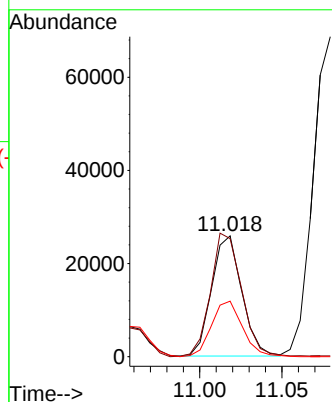
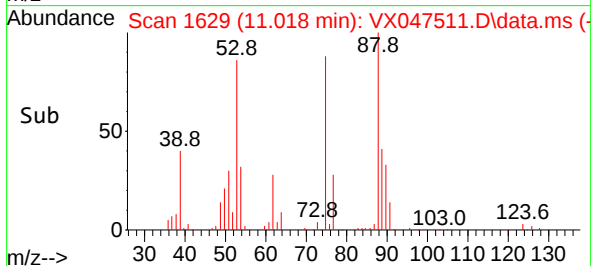
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



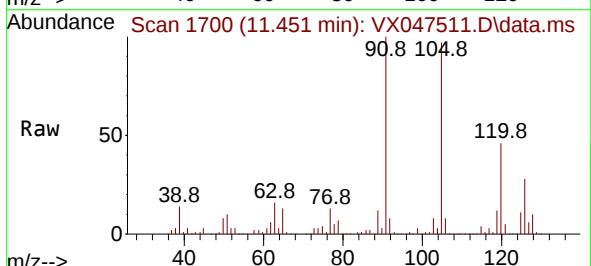
Tgt Ion: 75 Resp: 32889
Ion Ratio Lower Upper
75 100
53 106.7 85.2 127.8
89 47.7 36.7 55.1

Manual Integrations
APPROVED

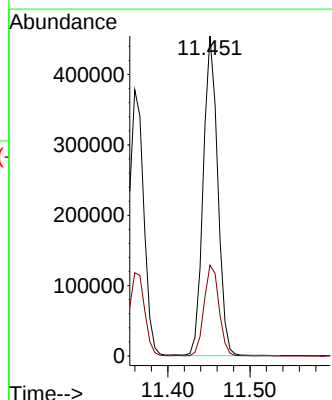
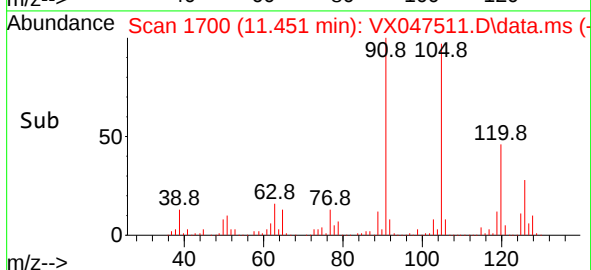
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

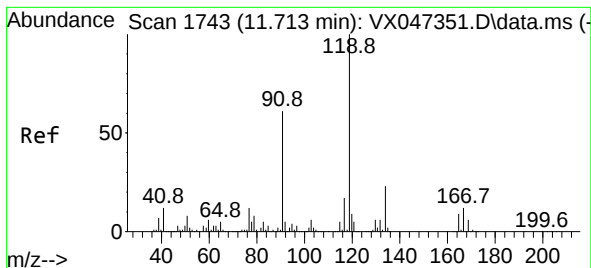


#82
4-Chlorotoluene
Concen: 49.448 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14



Tgt Ion: 91 Resp: 556677
Ion Ratio Lower Upper
91 100
126 29.4 14.4 43.0





#83

tert-Butylbenzene

Concen: 51.591 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 56021

Ion Ratio Lower Upper

119 100

91 57.6 29.1 87.4

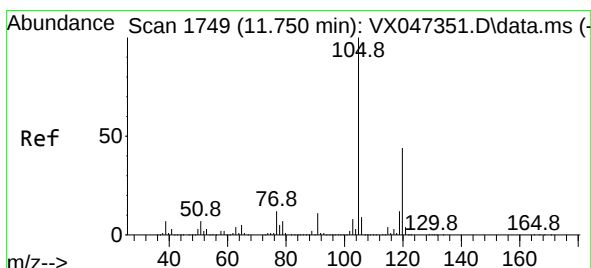
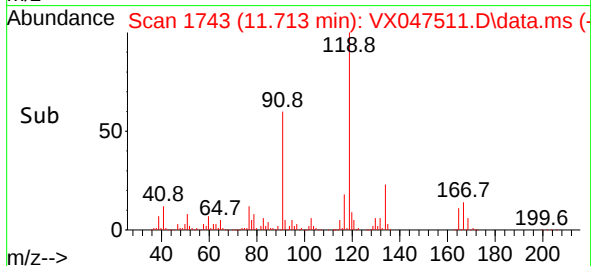
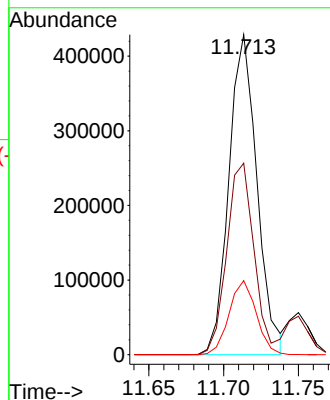
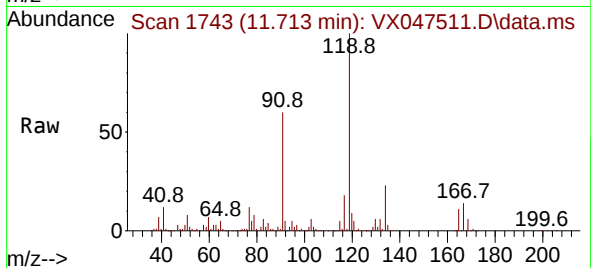
134 22.4 11.3 33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.496 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047511.D

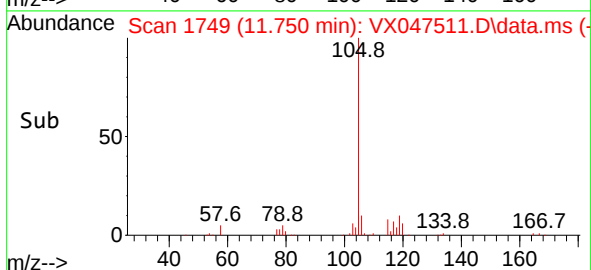
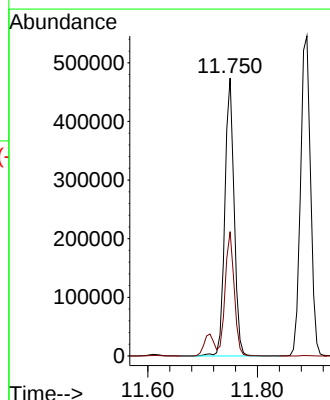
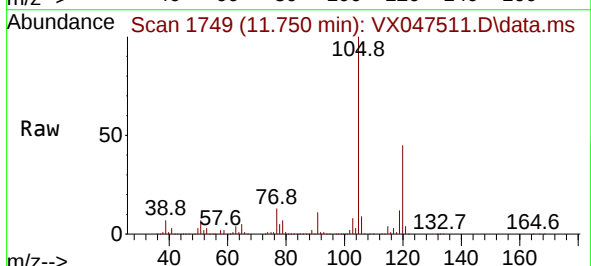
Acq: 25 Aug 2025 10:14

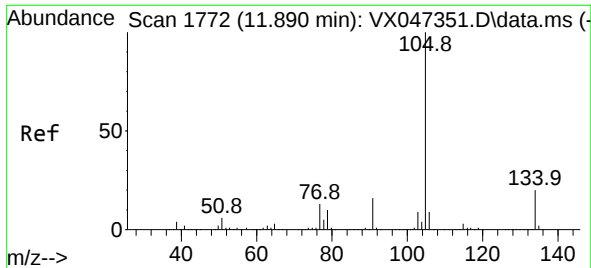
Tgt Ion:105 Resp: 560489

Ion Ratio Lower Upper

105 100

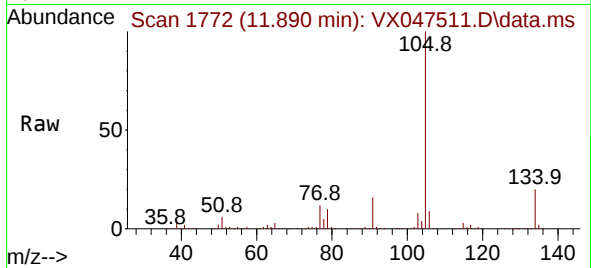
120 43.7 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 51.053 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047511.D
 Acq: 25 Aug 2025 10:14

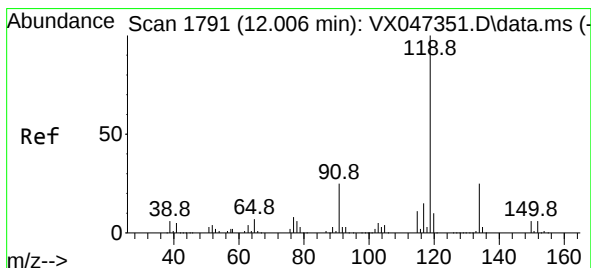
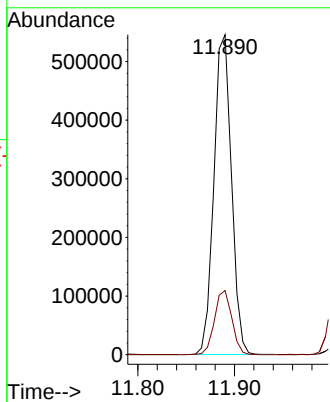
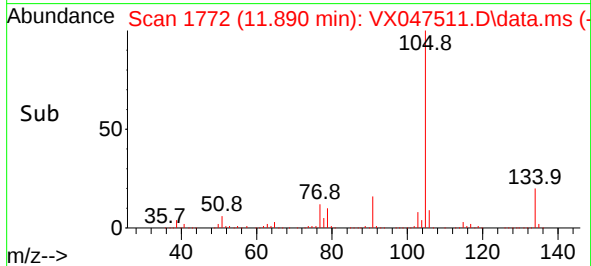
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 687118
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5

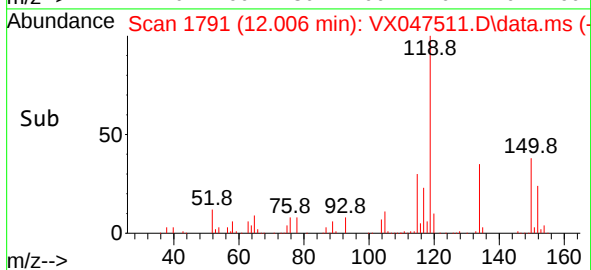
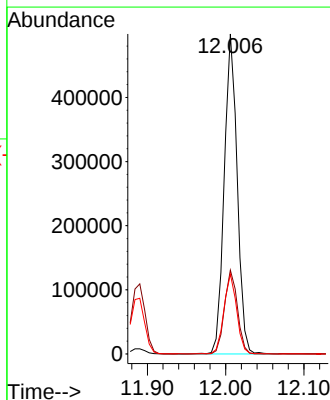
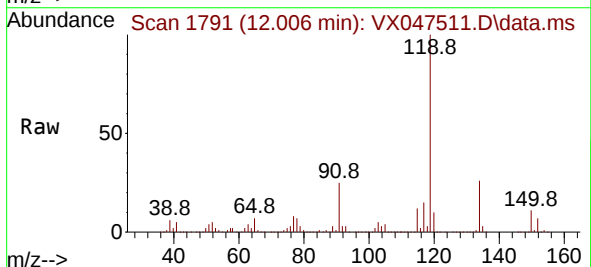
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/26/2025
 Supervised By :Mahesh Dadoda 08/26/2025



#86
 p-Isopropyltoluene
 Concen: 50.590 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047511.D
 Acq: 25 Aug 2025 10:14

Tgt Ion:119 Resp: 576167
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.4
 91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.572 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 30590

Ion Ratio Lower Upper

146 100

111 41.9 20.6 61.8

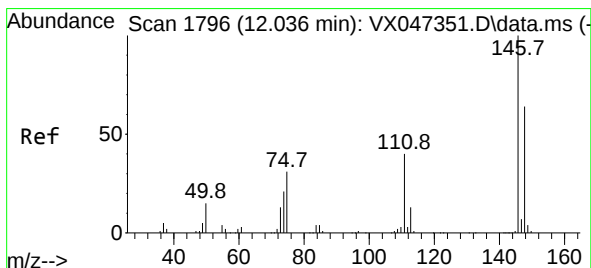
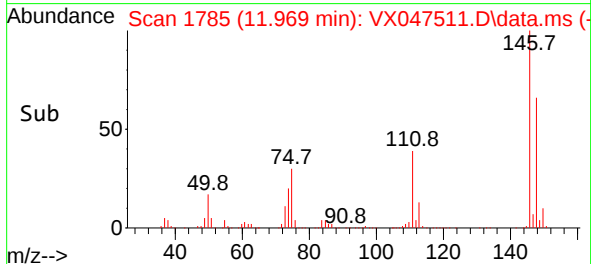
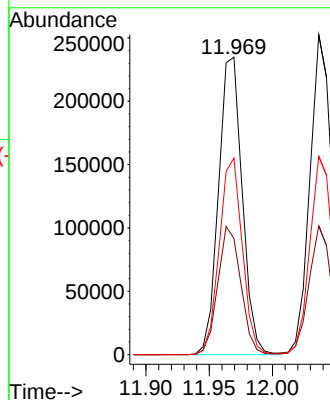
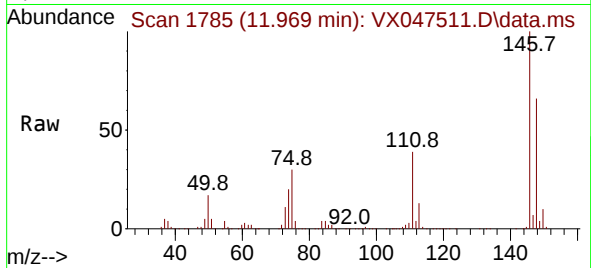
148 64.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2025

Supervised By :Mahesh Dadoda 08/26/2025



#88

1,4-Dichlorobenzene

Concen: 48.868 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047511.D

Acq: 25 Aug 2025 10:14

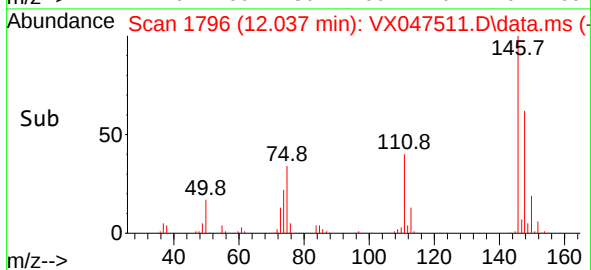
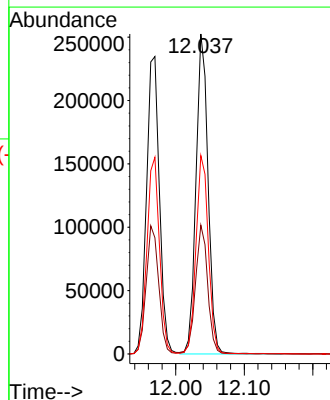
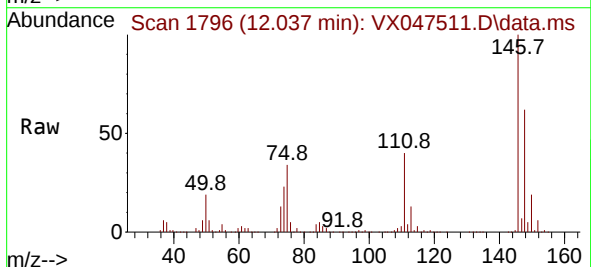
Tgt Ion:146 Resp: 310157

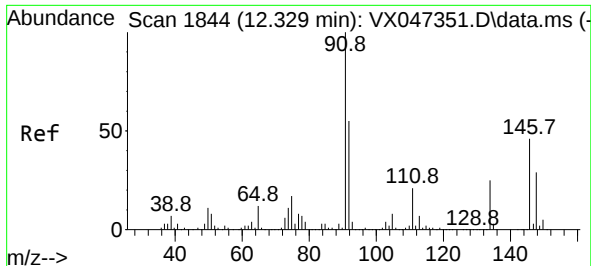
Ion Ratio Lower Upper

146 100

111 40.7 20.4 61.2

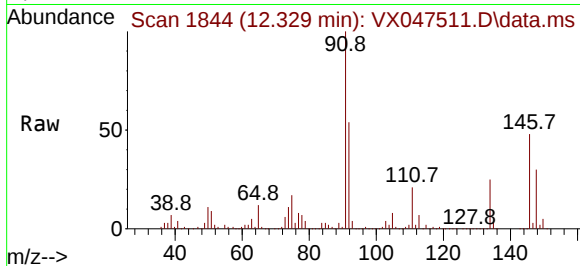
148 63.4 31.7 95.1





#89
n-Butylbenzene
Concen: 50.872 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

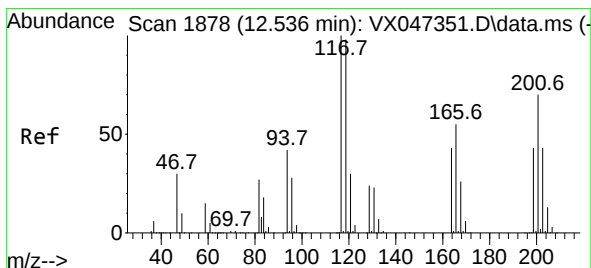
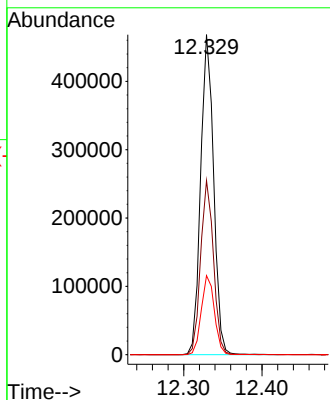
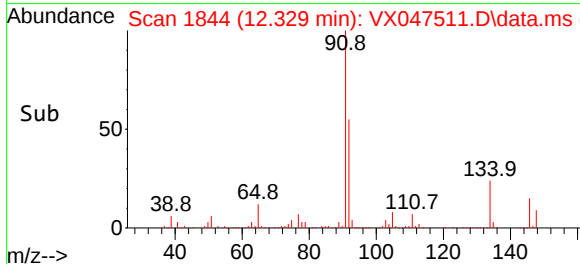
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 53889
Ion Ratio Lower Upper
91 100
92 53.9 27.2 81.5
134 25.0 12.6 37.8

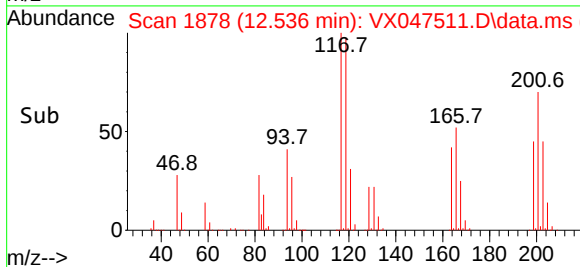
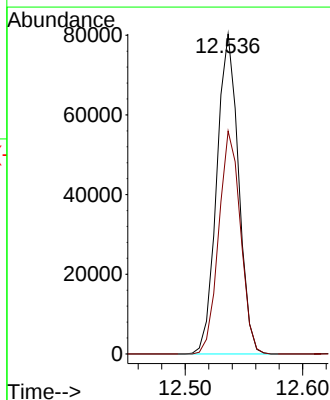
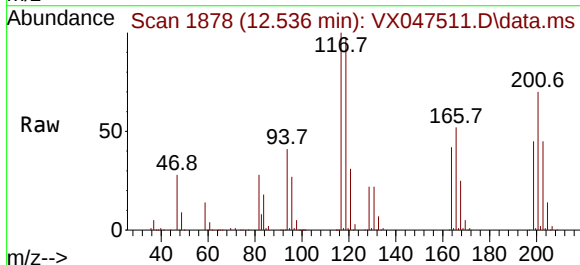
Manual Integrations
APPROVED

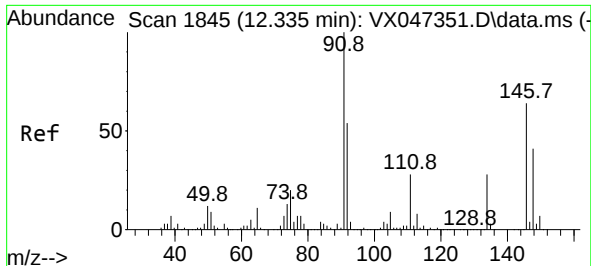
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#90
Hexachloroethane
Concen: 51.815 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

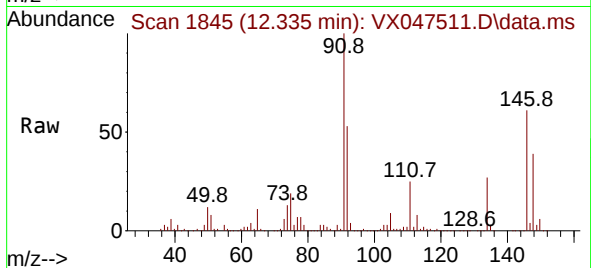
Tgt Ion:117 Resp: 103526
Ion Ratio Lower Upper
117 100
201 69.5 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 50.568 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

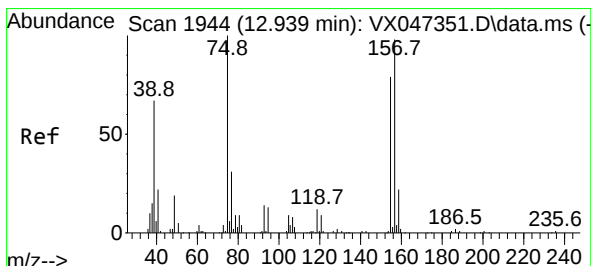
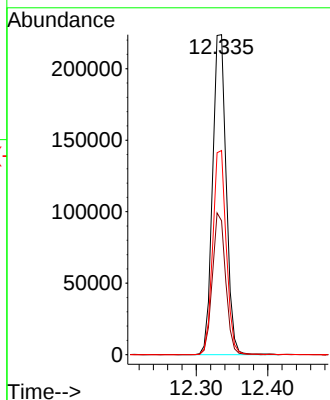
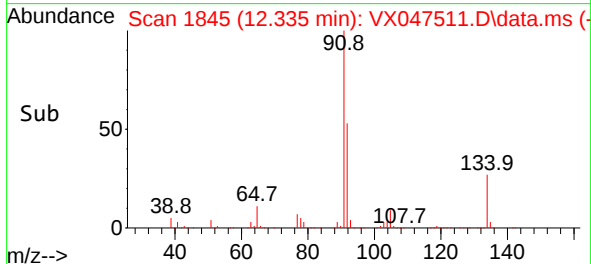
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



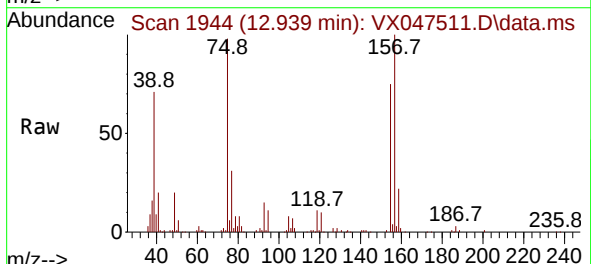
Tgt Ion:146 Resp: 29619
Ion Ratio Lower Upper
146 100
111 43.0 22.1 66.1
148 63.1 31.9 95.5

Manual Integrations
APPROVED

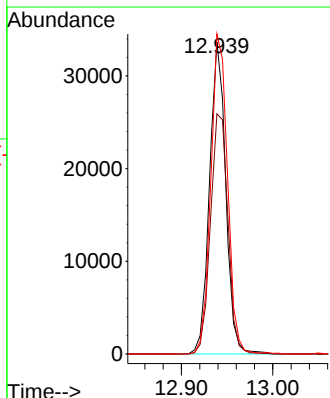
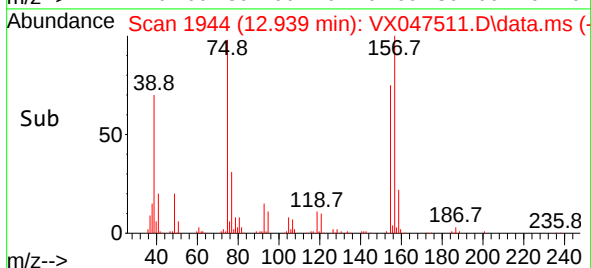
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

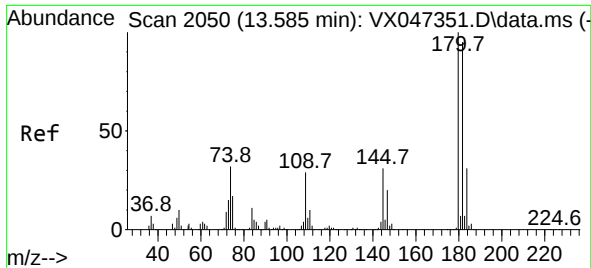


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.096 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14



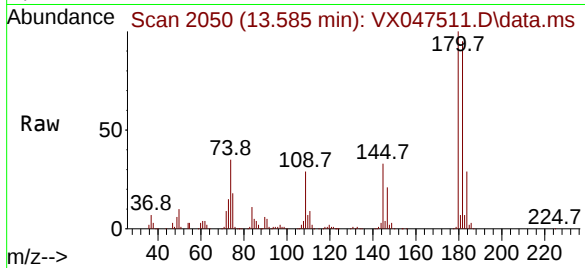
Tgt Ion: 75 Resp: 41383
Ion Ratio Lower Upper
75 100
155 82.7 41.3 123.7
157 105.5 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 50.943 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

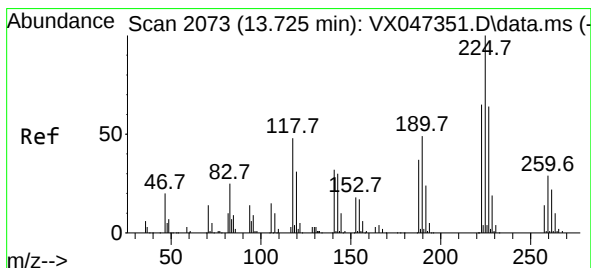
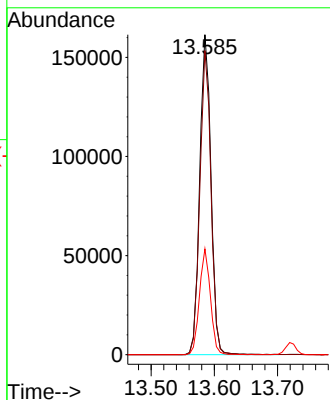
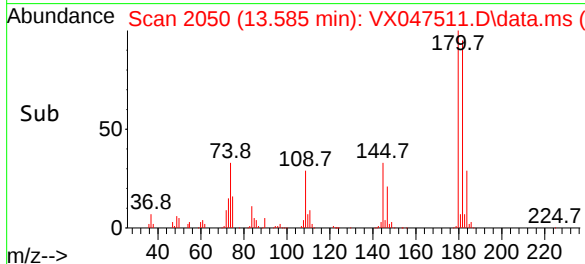
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



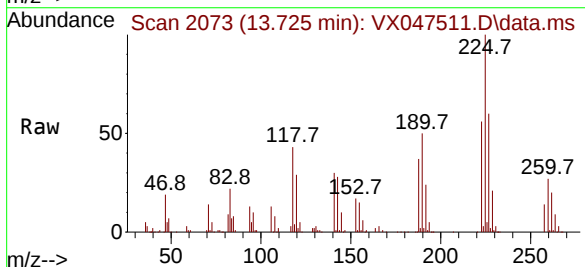
Tgt Ion:180 Resp: 200034
Ion Ratio Lower Upper
180 100
182 93.9 48.1 144.4
145 32.3 16.2 48.5

Manual Integrations
APPROVED

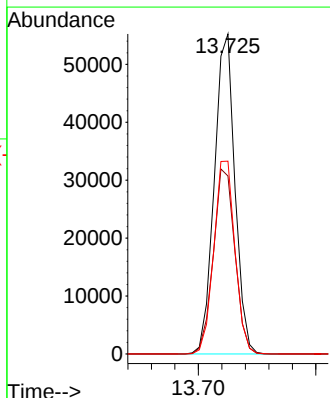
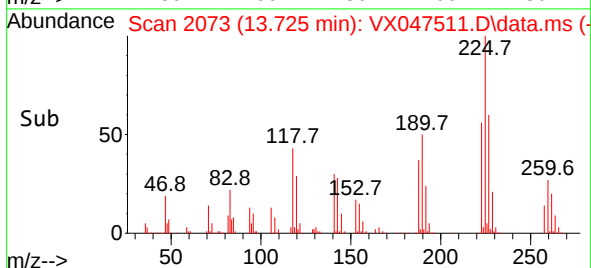
Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

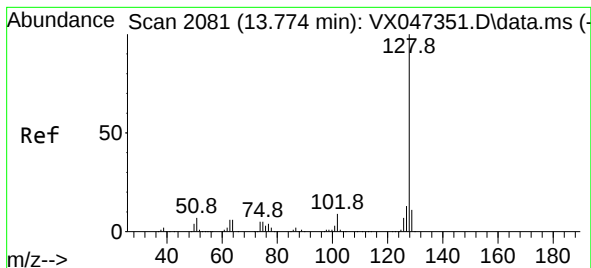


#94
Hexachlorobutadiene
Concen: 48.160 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14



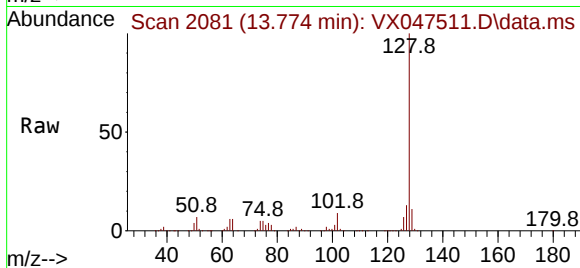
Tgt Ion:225 Resp: 67313
Ion Ratio Lower Upper
225 100
223 60.4 32.2 96.6
227 62.1 31.6 95.0





#95
Naphthalene
Concen: 54.430 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14

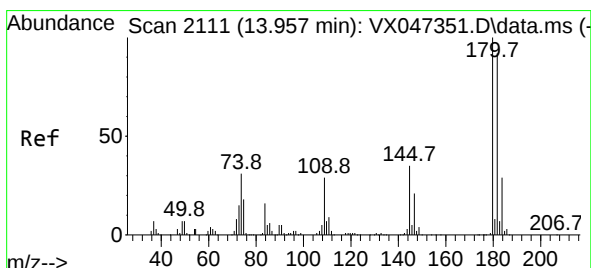
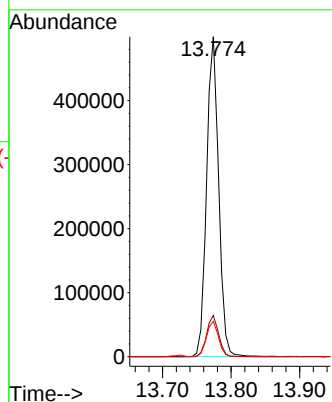
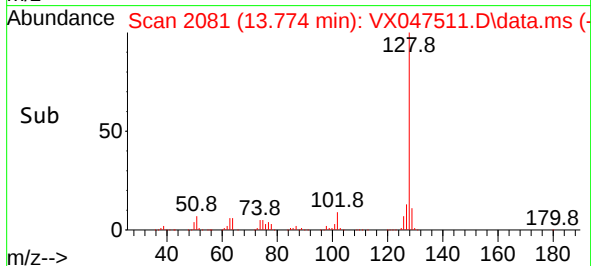
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



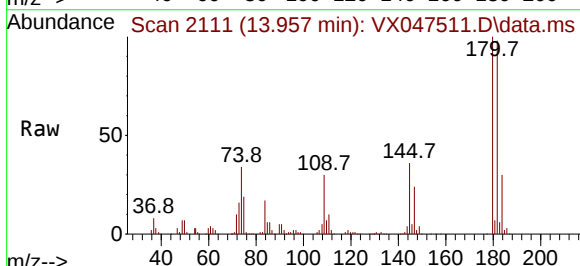
Tgt Ion:128 Resp: 610778
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.138 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047511.D
Acq: 25 Aug 2025 10:14



Tgt Ion:180 Resp: 189278
Ion Ratio Lower Upper
180 100
182 97.7 48.0 144.2
145 35.3 17.4 52.2

