

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
 Data File : VX048561.D
 Acq On : 11 Nov 2025 15:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2025
 Supervised By : Mahesh Dadoda 11/12/2025

Quant Time: Nov 12 04:46:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.525	168	162928	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.733	114	283812	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.037	117	245753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	122264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.928	65	124052	54.642	ug/l	-0.02
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.280%			
35) Dibromofluoromethane	5.355	113	106112	49.399	ug/l	-0.02
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.800%			
50) Toluene-d8	8.629	98	355379	53.046	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.100%			
62) 4-Bromofluorobenzene	11.061	95	129489	51.865	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	78240	59.263	ug/l	100
3) Chloromethane	1.301	50	98294	56.135	ug/l	99
4) Vinyl Chloride	1.380	62	109325	55.143	ug/l	99
5) Bromomethane	1.612	94	76258	60.914	ug/l	100
6) Chloroethane	1.691	64	67766	52.193	ug/l	96
7) Trichlorofluoromethane	1.892	101	164885	52.570	ug/l	100
8) Diethyl Ether	2.130	74	71015	56.405	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	95677	52.691	ug/l	99
10) Methyl Iodide	2.453	142	154479	57.486	ug/l	99
11) Tert butyl alcohol	2.934	59	110086	255.901	ug/l	97
12) 1,1-Dichloroethene	2.319	96	100944	53.222	ug/l	98
13) Acrolein	2.233	56	38172	613.276	ug/l	99
14) Allyl chloride	2.660	41	185231	52.454	ug/l	99
15) Acrylonitrile	3.050	53	359223	286.046	ug/l	99
16) Acetone	2.367	43	312871	291.140	ug/l	98
17) Carbon Disulfide	2.514	76	268707	50.346	ug/l	99
18) Methyl Acetate	2.691	43	164388	55.663	ug/l	100
19) Methyl tert-butyl Ether	3.099	73	368236	54.980	ug/l	99
20) Methylene Chloride	2.782	84	118476	53.624	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	104681	52.075	ug/l	99
22) Diisopropyl ether	3.739	45	378385	55.803	ug/l	96
23) Vinyl Acetate	3.703	43	1651064	278.020	ug/l	99
24) 1,1-Dichloroethane	3.599	63	201574	54.177	ug/l	98
25) 2-Butanone	4.526	43	455149	286.302	ug/l	99
26) 2,2-Dichloropropane	4.452	77	150899	47.573	ug/l	99
27) cis-1,2-Dichloroethene	4.465	96	129202	52.582	ug/l	99
28) Bromochloromethane	4.873	49	87229	47.724	ug/l	98
29) Tetrahydrofuran	4.971	42	305965	269.848	ug/l	98
30) Chloroform	5.068	83	199496	51.938	ug/l	97
31) Cyclohexane	5.452	56	151469	49.686	ug/l	99
32) 1,1,1-Trichloroethane	5.361	97	168320	50.213	ug/l	99
36) 1,1-Dichloropropene	5.672	75	127578	44.354	ug/l	99
37) Ethyl Acetate	4.678	43	197793	48.851	ug/l	98
38) Carbon Tetrachloride	5.653	117	146907	44.867	ug/l	96
39) Methylcyclohexane	7.360	83	150150	46.491	ug/l	95
40) Benzene	6.013	78	422996	47.442	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.885	41	92092	51.720	ug/l	99
42) 1,2-Dichloroethane	6.056	62	147236	48.197	ug/l	99
43) Isopropyl Acetate	6.312	43	283196	49.758	ug/l	99
44) Trichloroethene	7.104	130	107675	50.523	ug/l	98
45) 1,2-Dichloropropane	7.403	63	107172	52.277	ug/l	99
46) Dibromomethane	7.556	93	79686	53.293	ug/l	99
47) Bromodichloromethane	7.799	83	160641	53.853	ug/l	98
48) Methyl methacrylate	7.671	41	137069	54.176	ug/l	99
49) 1,4-Dioxane	7.635	88	40107	1040.337	ug/l	97
51) 4-Methyl-2-Pentanone	8.549	43	895783	276.496	ug/l	100
52) Toluene	8.696	92	254172	54.146	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	160496	52.216	ug/l	99
54) cis-1,3-Dichloropropene	8.342	75	174182	54.728	ug/l	98
55) 1,1,2-Trichloroethane	9.128	97	105748	56.385	ug/l	97
56) Ethyl methacrylate	9.098	69	176837	56.673	ug/l	100
57) 1,3-Dichloropropane	9.287	76	178715	54.746	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.220	63	511908	305.150	ug/l	100
59) 2-Hexanone	9.409	43	663532	275.333	ug/l	100
60) Dibromochloromethane	9.500	129	127200	55.240	ug/l	98
61) 1,2-Dibromoethane	9.592	107	113084	55.670	ug/l	100
64) Tetrachloroethene	9.257	164	87091	48.791	ug/l	96
65) Chlorobenzene	10.061	112	286447	49.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.140	131	101153	51.755	ug/l	100
67) Ethyl Benzene	10.177	91	471901	48.178	ug/l	97
68) m/p-Xylenes	10.281	106	366055	99.228	ug/l	100
69) o-Xylene	10.622	106	177169	49.087	ug/l	100
70) Styrene	10.634	104	308967	51.030	ug/l	100
71) Bromoform	10.781	173	89990	49.908	ug/l #	100
73) Isopropylbenzene	10.945	105	441649	49.765	ug/l	100
74) N-amyl acetate	10.823	43	224247	50.324	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	160191	51.185	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	134539m	45.676	ug/l	
77) Bromobenzene	11.177	156	115654	50.468	ug/l	99
78) n-propylbenzene	11.287	91	511188	48.986	ug/l	100
79) 2-Chlorotoluene	11.341	91	311058	49.330	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	358986	49.619	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	53668	52.116	ug/l	95
82) 4-Chlorotoluene	11.433	91	362047	48.947	ug/l	99
83) tert-Butylbenzene	11.695	119	362985	48.508	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	363610	49.811	ug/l	98
85) sec-Butylbenzene	11.872	105	444036	48.011	ug/l	100
86) p-Isopropyltoluene	11.988	119	375343	48.273	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	210704	49.057	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	214313	48.307	ug/l	100
89) n-Butylbenzene	12.311	91	354507	48.601	ug/l	99
90) Hexachloroethane	12.518	117	72048	48.634	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	213269	51.724	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	36710	50.474	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	124229	45.340	ug/l	97
94) Hexachlorobutadiene	13.707	225	48350	42.213	ug/l	98
95) Naphthalene	13.756	128	448780	50.944	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	120834	47.413	ug/l	100

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ClientSampleId :
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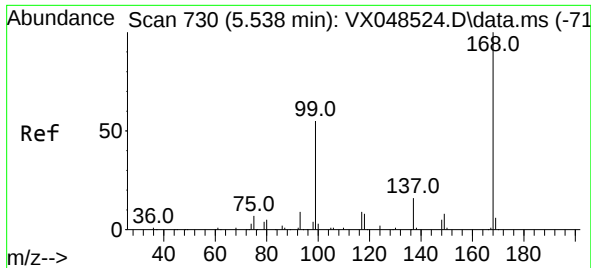
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration

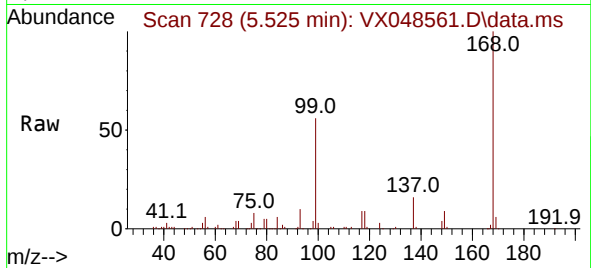
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

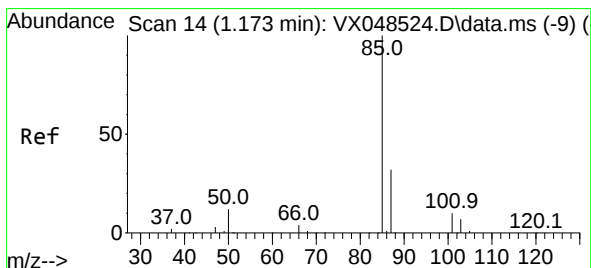
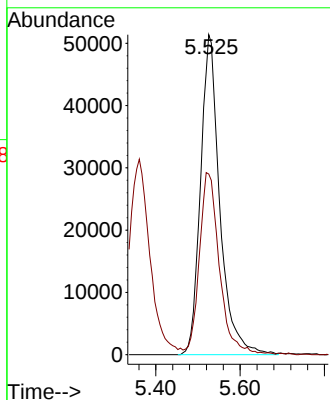
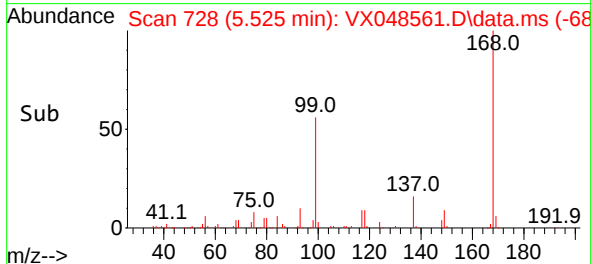
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 162928
Ion Ratio Lower Upper
168 100
99 55.9 45.2 67.8

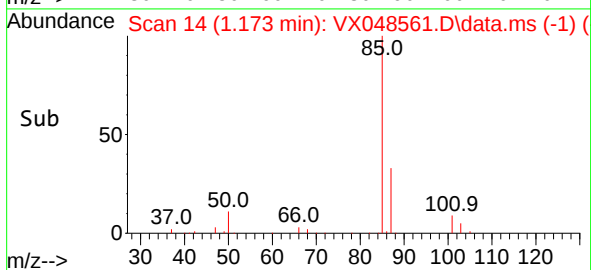
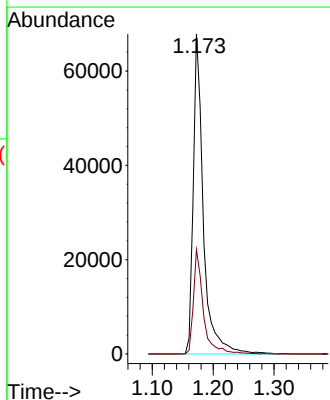
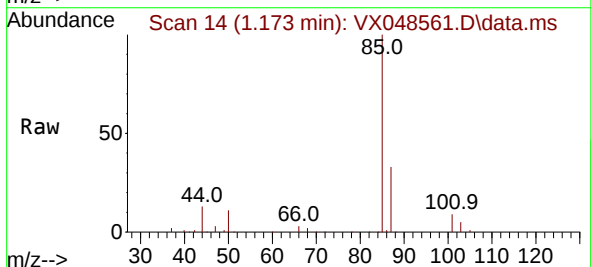
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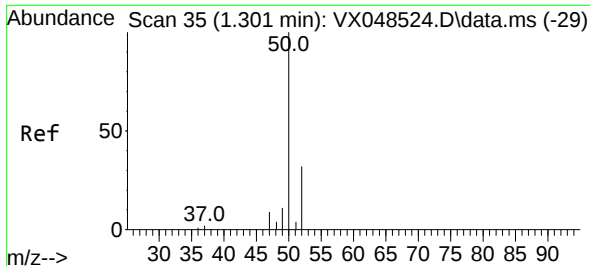
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#2
Dichlorodifluoromethane
Concen: 59.263 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

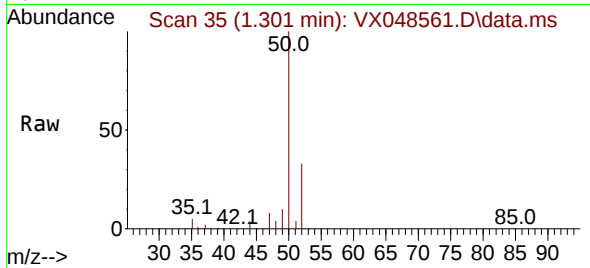
Tgt Ion: 85 Resp: 78240
Ion Ratio Lower Upper
85 100
87 32.6 16.2 48.6





#3
Chloromethane
Concen: 56.135 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

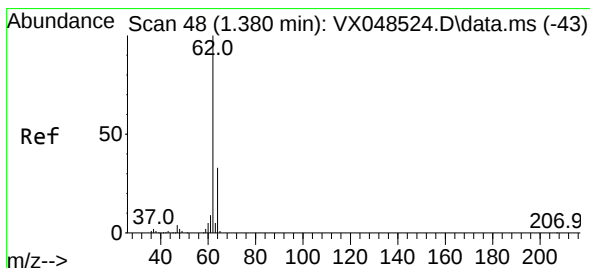
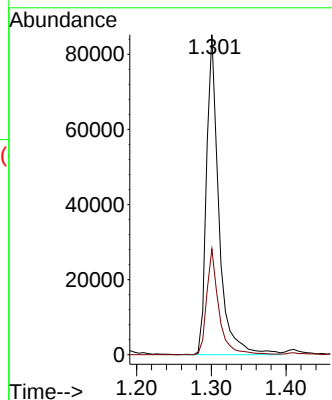
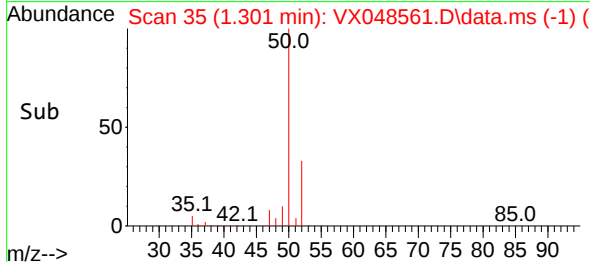
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Tgt Ion: 50 Resp: 98294
Ion Ratio Lower Upper
50 100
52 33.1 26.0 39.0

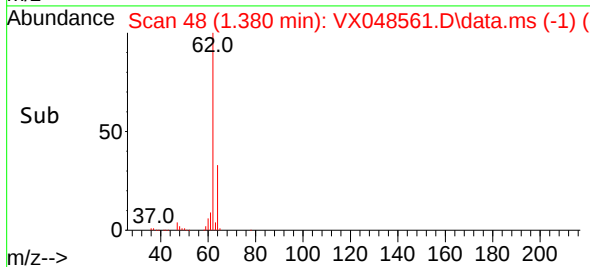
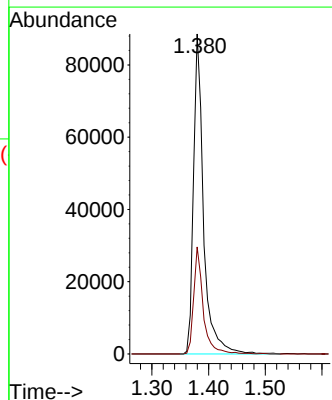
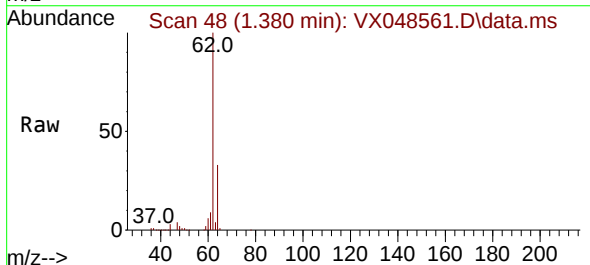
Manual Integrations
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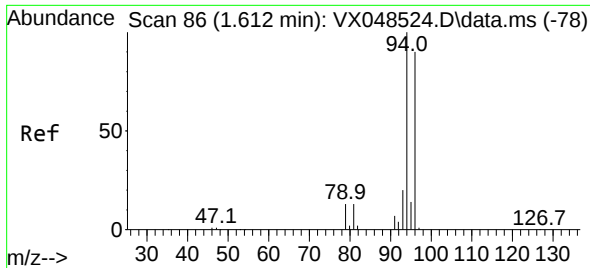
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#4
Vinyl Chloride
Concen: 55.143 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

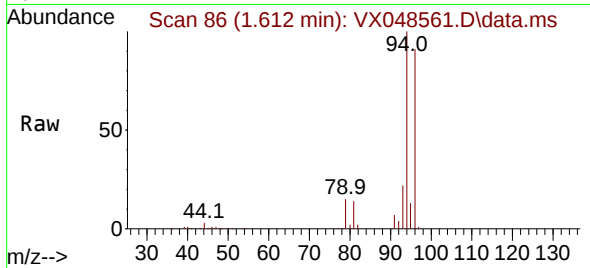
Tgt Ion: 62 Resp: 109325
Ion Ratio Lower Upper
62 100
64 33.4 26.2 39.4





#5
Bromomethane
Concen: 60.914 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

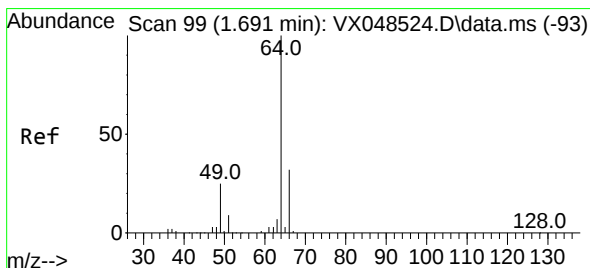
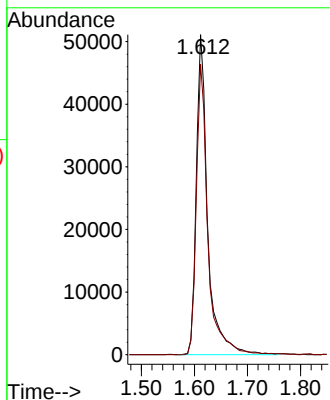
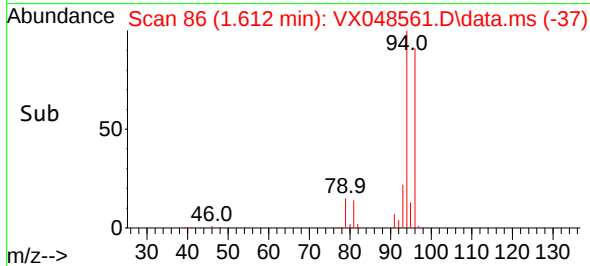
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Tgt Ion: 94 Resp: 76258
Ion Ratio Lower Upper
94 100
96 90.7 72.3 108.5

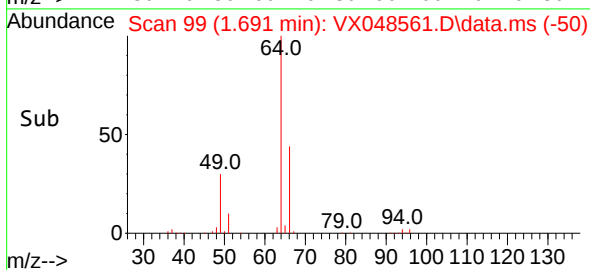
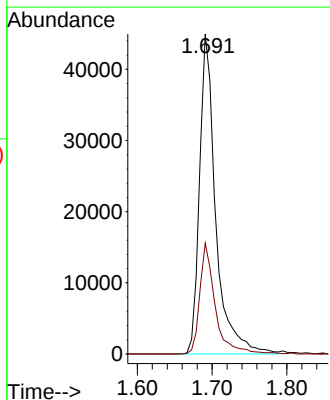
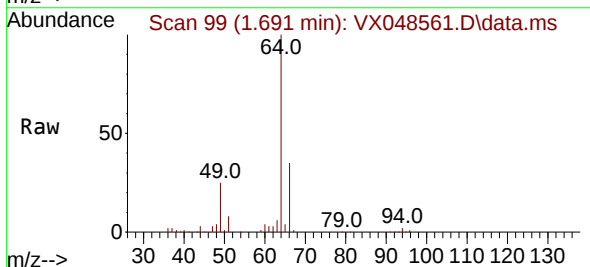
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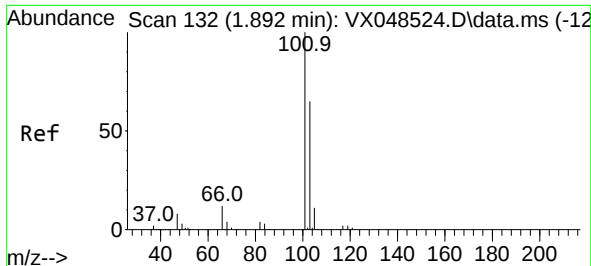
Reviewed By :John Carlone 11/12/2025
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#6
Chloroethane
Concen: 52.193 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 64 Resp: 67766
Ion Ratio Lower Upper
64 100
66 34.6 25.9 38.9





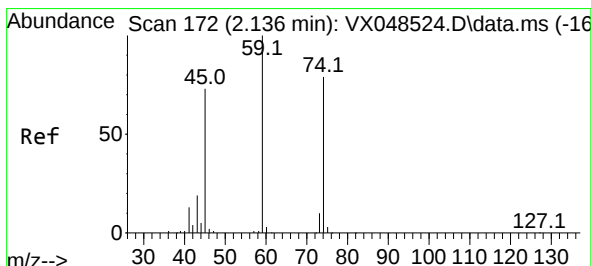
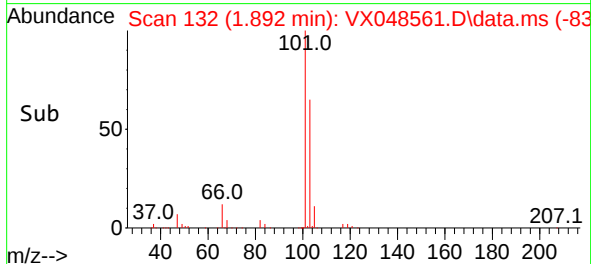
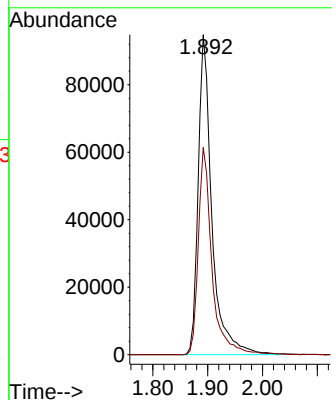
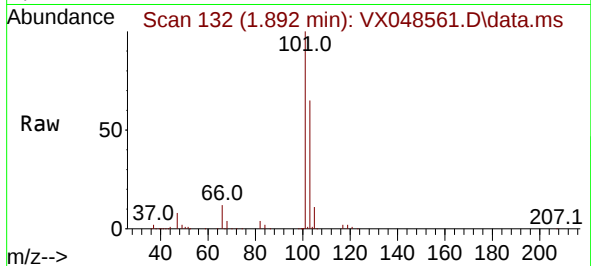
#7
Trichlorofluoromethane
Concen: 52.570 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 16488
Ion Ratio Lower Upper
101 100
103 64.7 51.7 77.5

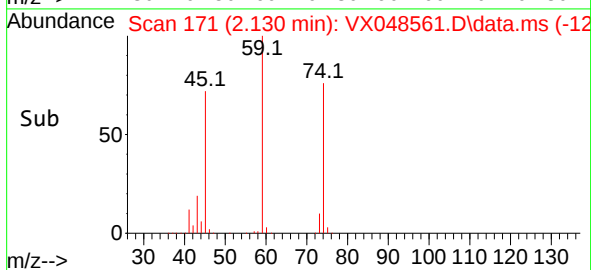
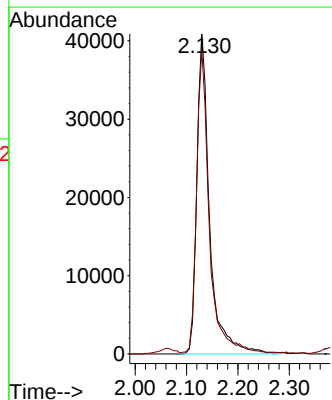
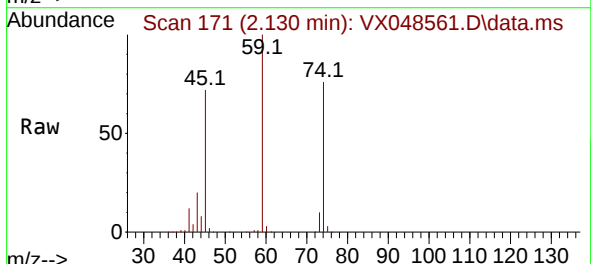
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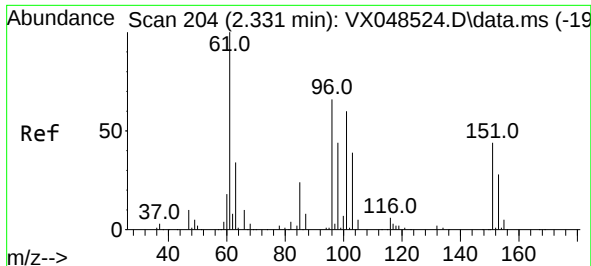
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#8
Diethyl Ether
Concen: 56.405 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 74 Resp: 71015
Ion Ratio Lower Upper
74 100
45 93.8 45.9 137.6





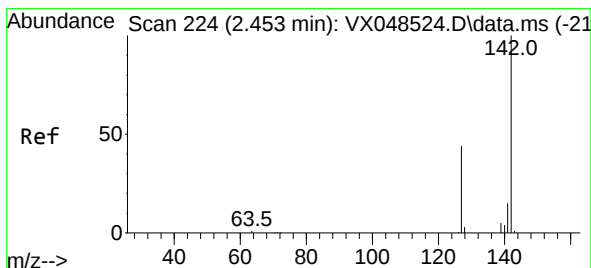
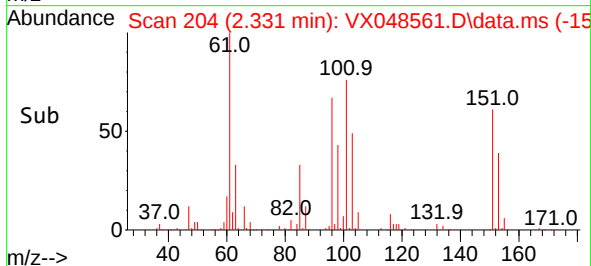
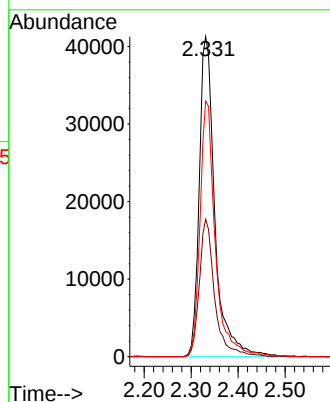
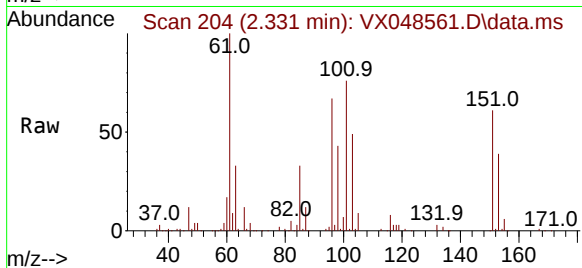
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.691 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9567
Ion Ratio Lower Upper
101 100
85 42.2 34.3 51.5
151 78.2 63.1 94.7

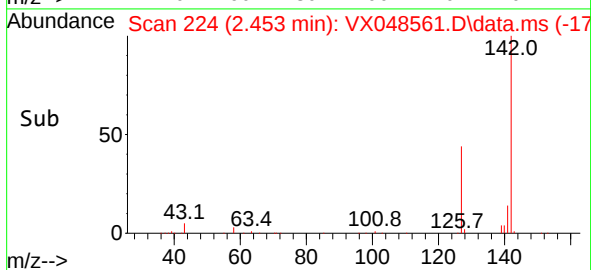
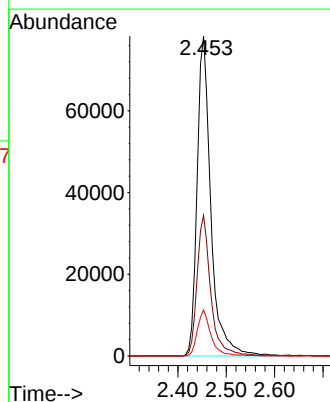
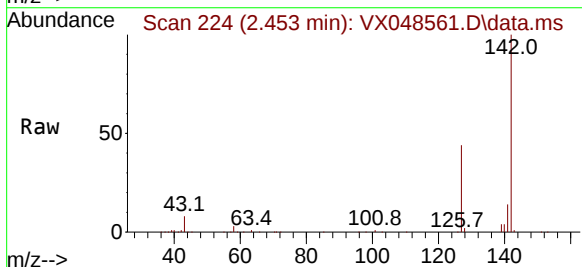
Manual Integrations
APPROVED

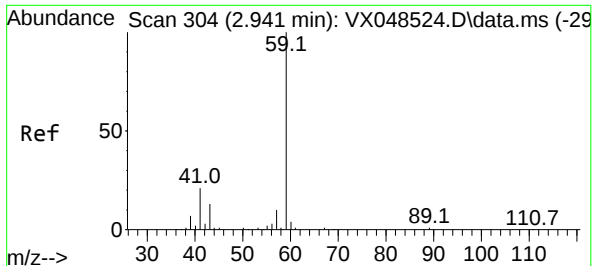
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#10
Methyl Iodide
Concen: 57.486 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

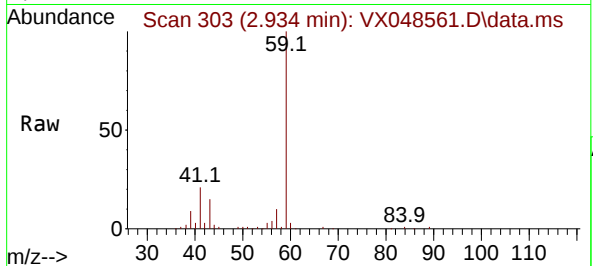
Tgt Ion:142 Resp: 154479
Ion Ratio Lower Upper
142 100
127 43.7 35.8 53.6
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 255.901 ug/l
RT: 2.934 min Scan# 304
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

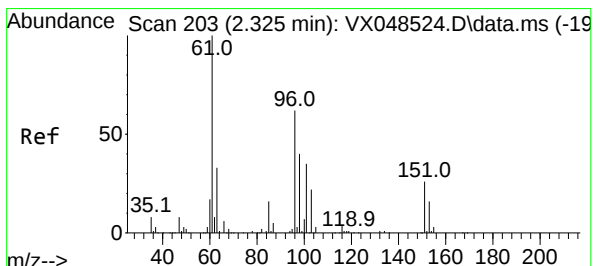
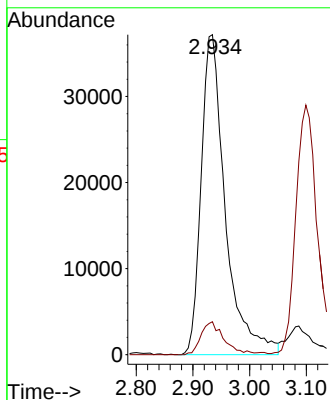
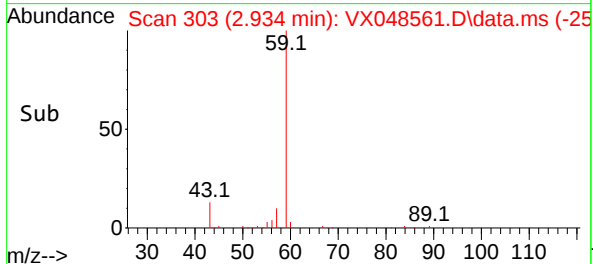
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



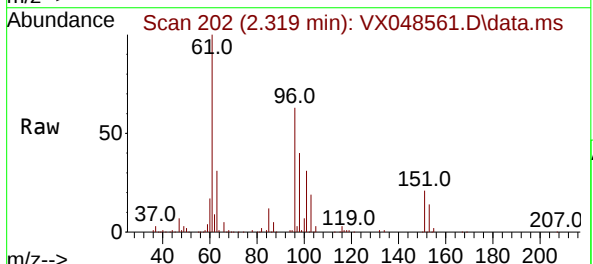
Tgt Ion: 59 Resp: 110080
Ion Ratio Lower Upper
59 100
57 9.9 8.6 13.0

Manual Integrations
APPROVED

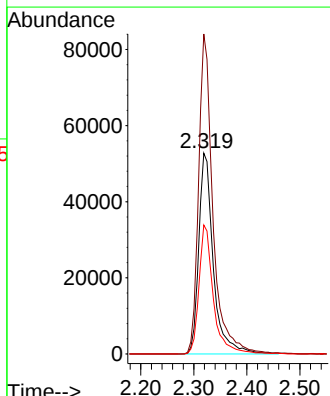
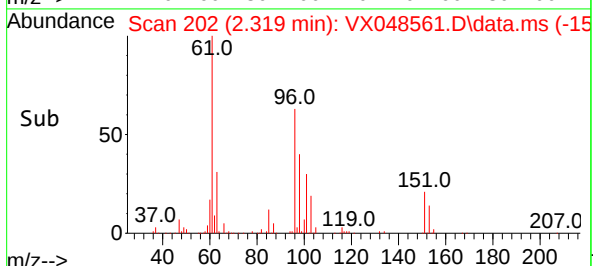
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

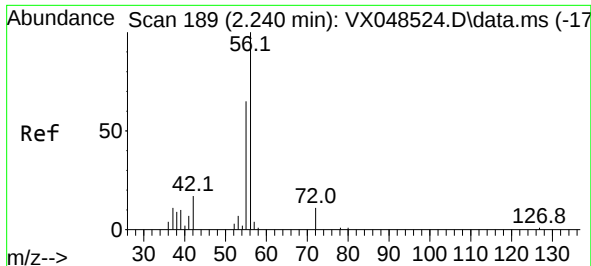


#12
1,1-Dichloroethene
Concen: 53.222 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06



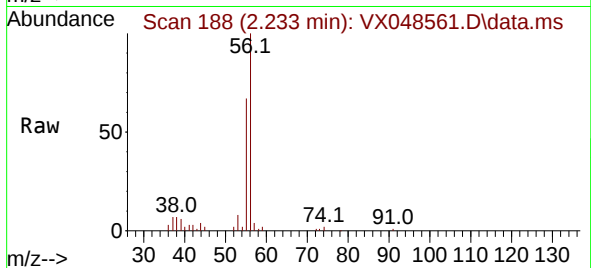
Tgt Ion: 96 Resp: 100944
Ion Ratio Lower Upper
96 100
61 159.3 129.8 194.6
98 64.2 52.3 78.5





#13
Acrolein
Concen: 613.276 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

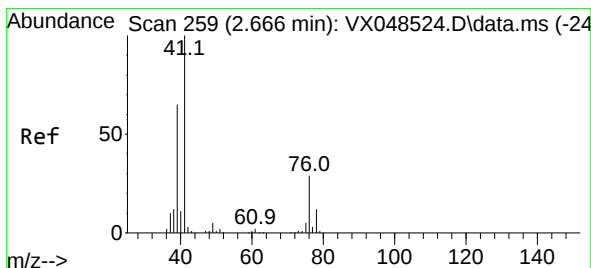
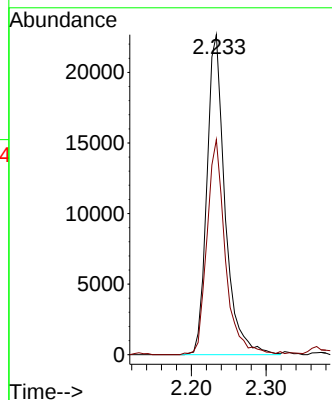
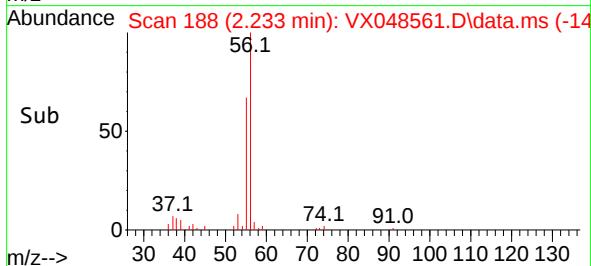
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 38172
Ion Ratio Lower Upper
56 100
55 68.1 54.9 82.3

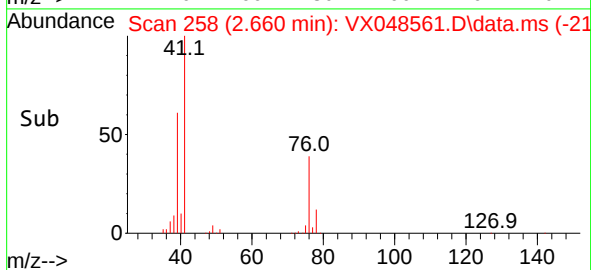
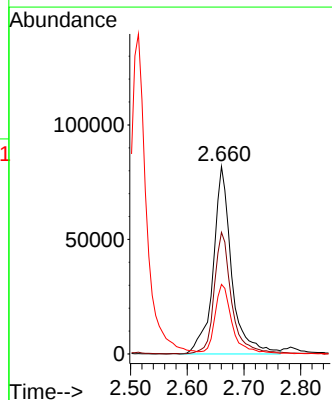
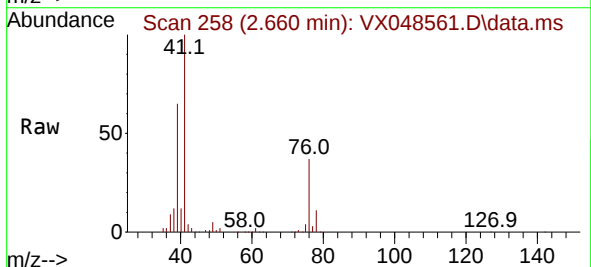
Manual Integrations
APPROVED

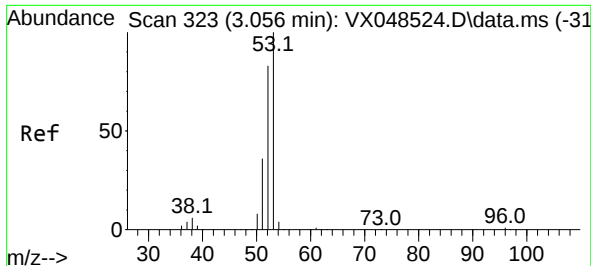
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#14
Allyl chloride
Concen: 52.454 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

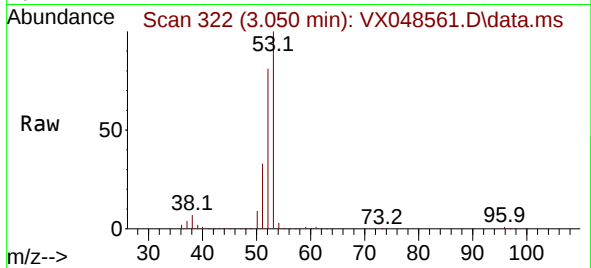
Tgt Ion: 41 Resp: 185231
Ion Ratio Lower Upper
41 100
39 61.2 48.6 73.0
76 35.4 27.7 41.5





#15
Acrylonitrile
Concen: 286.046 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

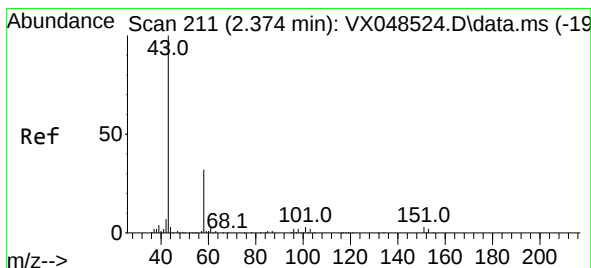
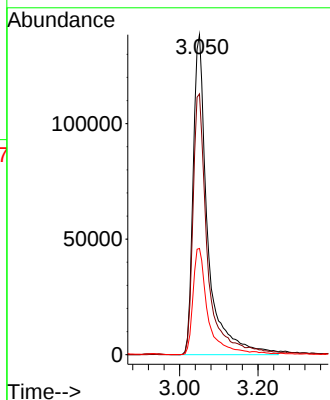
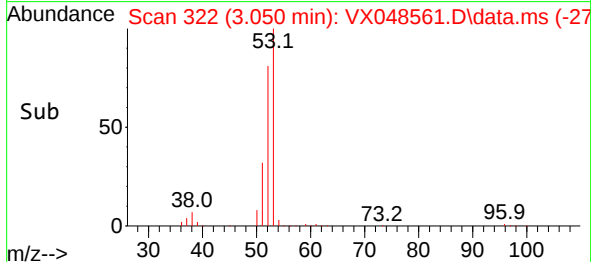
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 35922
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 33.7 27.8 41.6

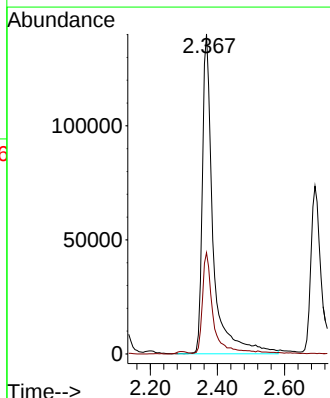
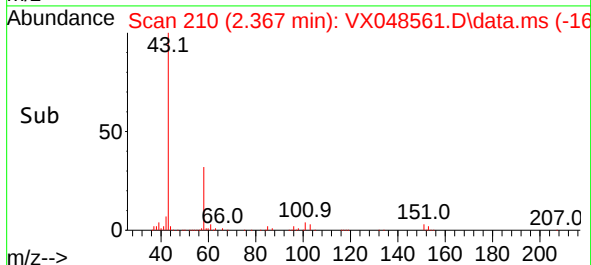
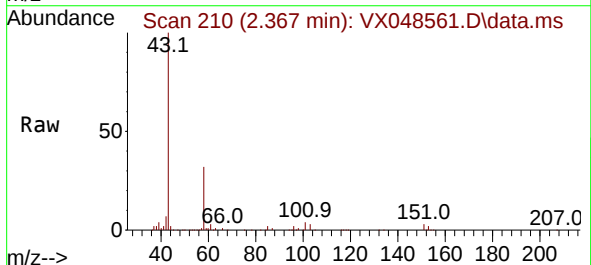
Manual Integrations
APPROVED

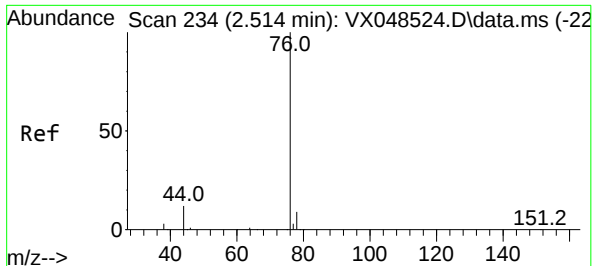
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#16
Acetone
Concen: 291.140 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

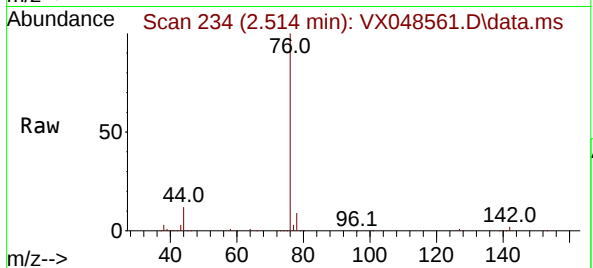
Tgt Ion: 43 Resp: 312871
Ion Ratio Lower Upper
43 100
58 31.2 25.8 38.6





#17
Carbon Disulfide
Concen: 50.346 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

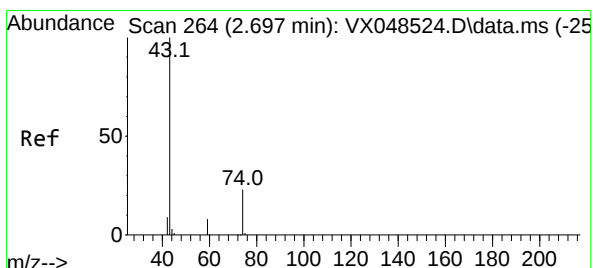
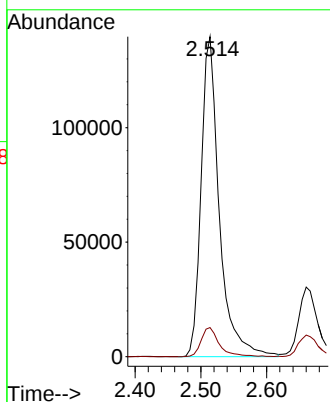
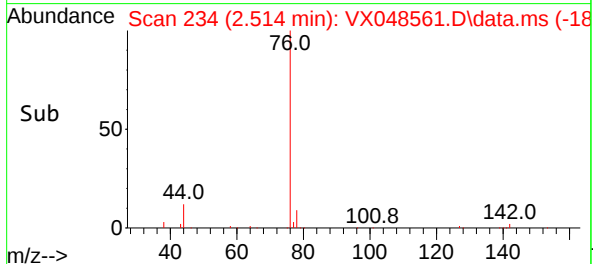
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 26870
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

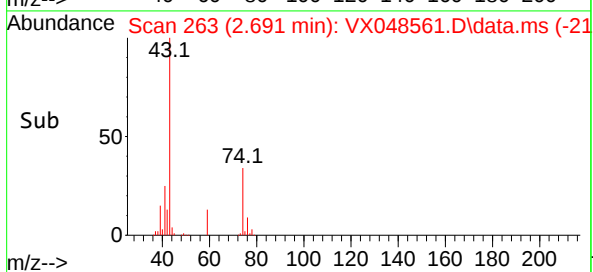
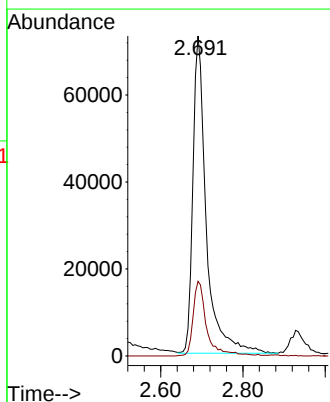
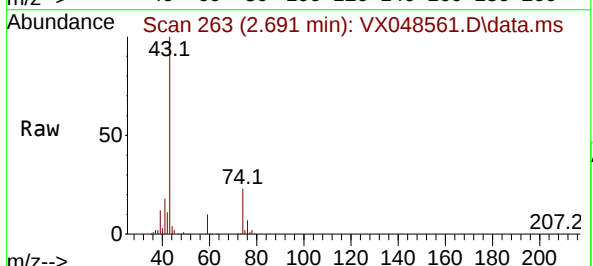
Manual Integrations
APPROVED

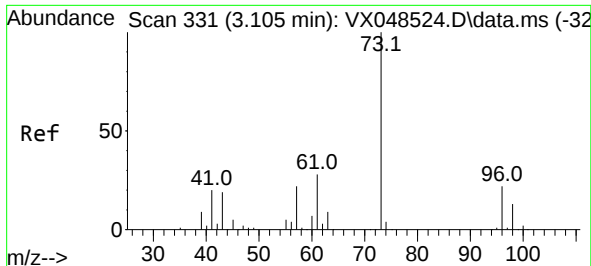
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#18
Methyl Acetate
Concen: 55.663 ug/l
RT: 2.691 min Scan# 263
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

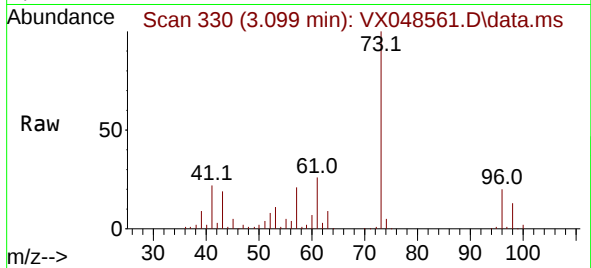
Tgt Ion: 43 Resp: 164388
Ion Ratio Lower Upper
43 100
74 23.8 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 54.980 ug/l
RT: 3.099 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

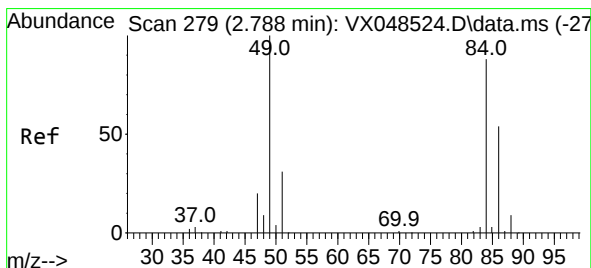
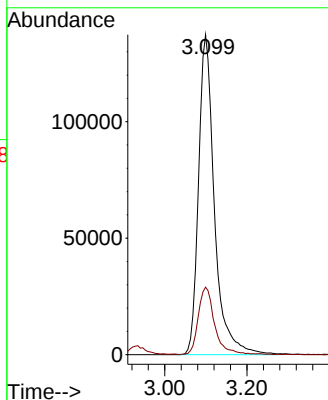
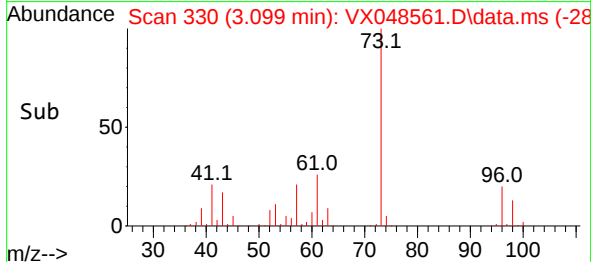
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 368230
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

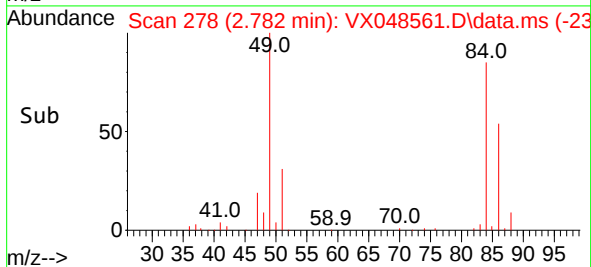
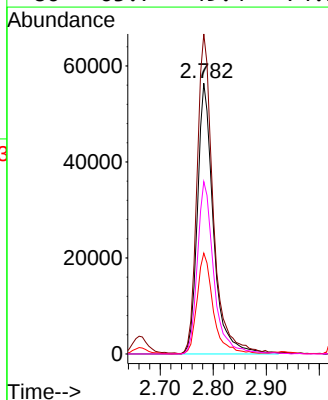
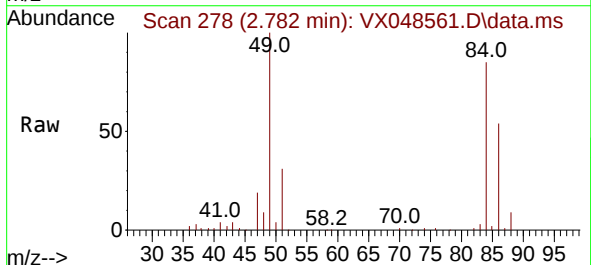
Manual Integrations
APPROVED

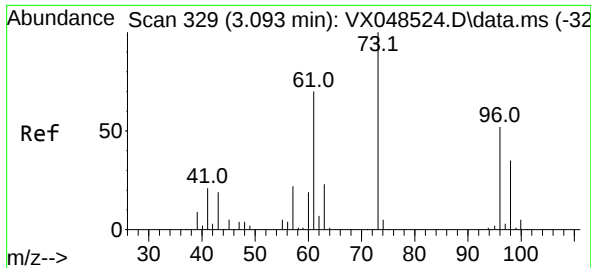
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#20
Methylene Chloride
Concen: 53.624 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

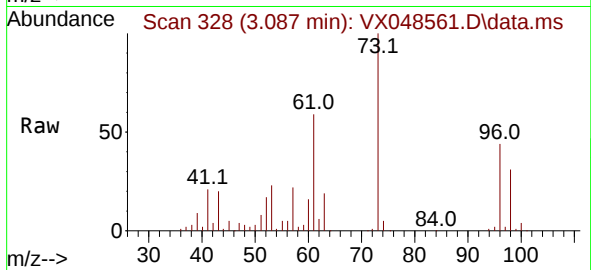
Tgt Ion: 84 Resp: 118476
Ion Ratio Lower Upper
84 100
49 118.0 91.2 136.8
51 37.1 28.3 42.5
86 63.7 49.4 74.2





#21
trans-1,2-Dichloroethene
Concen: 52.075 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

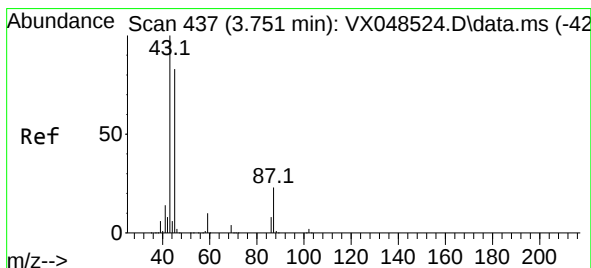
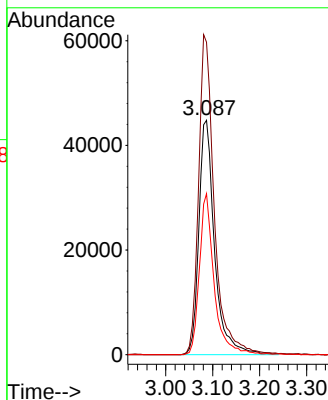
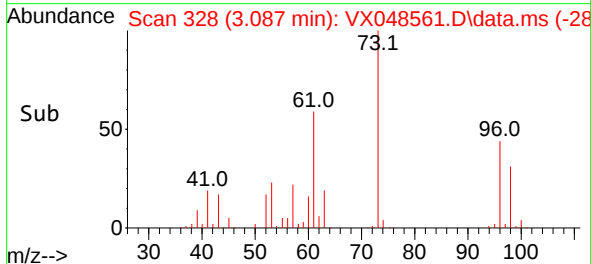
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 10468
Ion Ratio Lower Upper
96 100
61 133.3 106.7 160.1
98 68.7 52.7 79.1

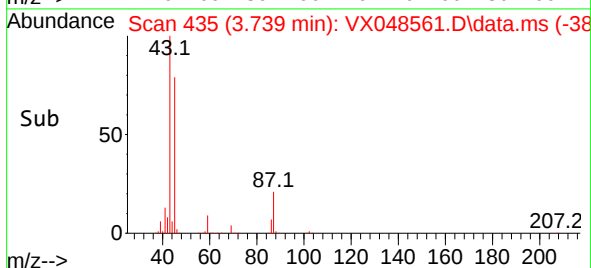
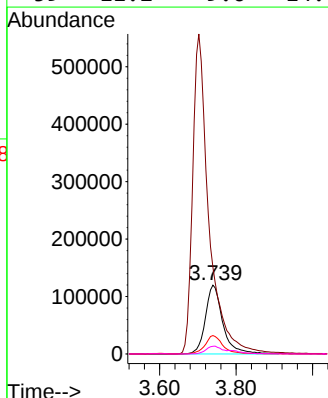
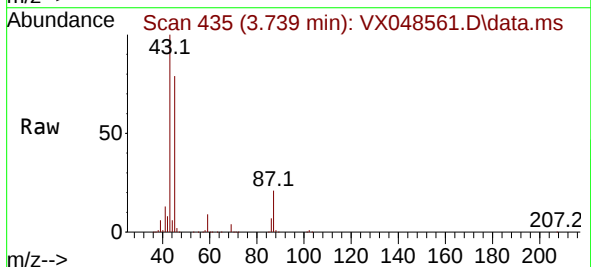
Manual Integrations
APPROVED

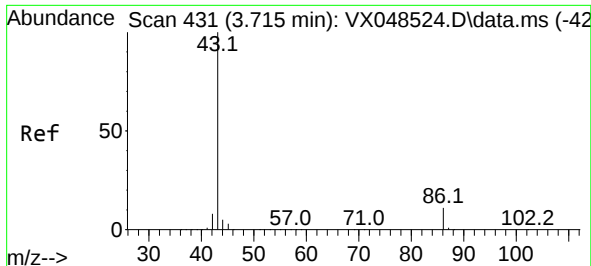
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#22
Diisopropyl ether
Concen: 55.803 ug/l
RT: 3.739 min Scan# 435
Delta R.T. -0.012 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

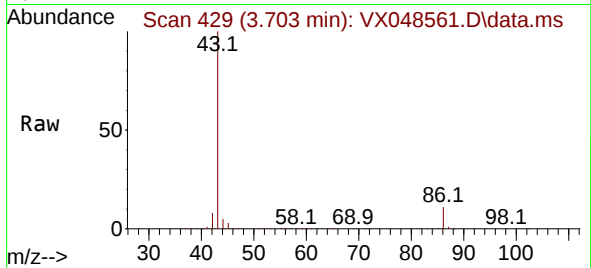
Tgt Ion: 45 Resp: 378385
Ion Ratio Lower Upper
45 100
43 125.9 96.4 144.6
87 26.7 21.8 32.6
59 11.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 278.020 ug/l
 RT: 3.703 min Scan# 411
 Delta R.T. -0.012 min
 Lab File: VX048561.D
 Acq: 11 Nov 2025 15:06

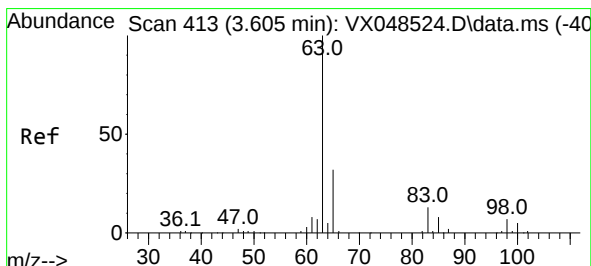
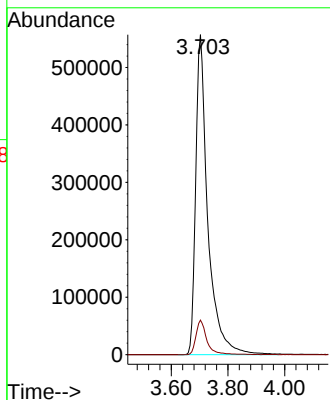
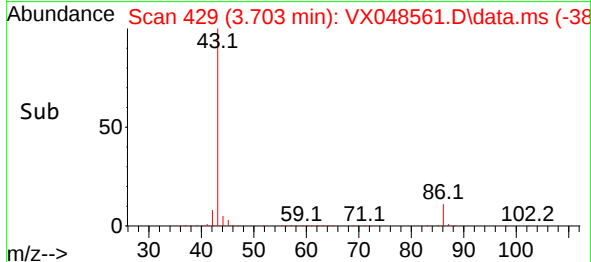
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1651064
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.0 13.6

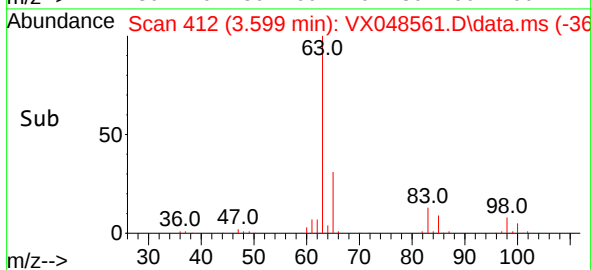
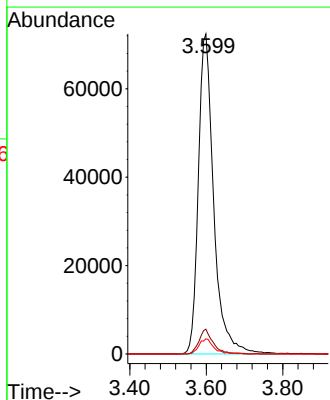
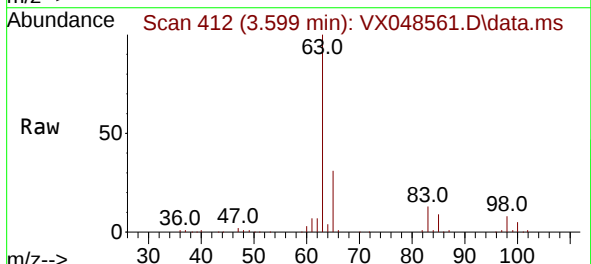
Manual Integrations
 APPROVED

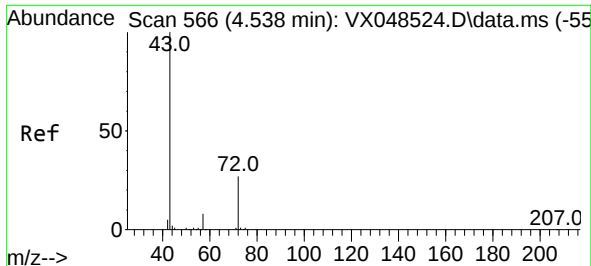
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#24
 1,1-Dichloroethane
 Concen: 54.177 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048561.D
 Acq: 11 Nov 2025 15:06

Tgt Ion: 63 Resp: 201574
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.4 10.2
 100 4.8 2.5 7.4





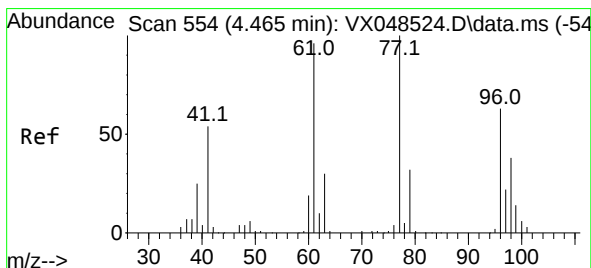
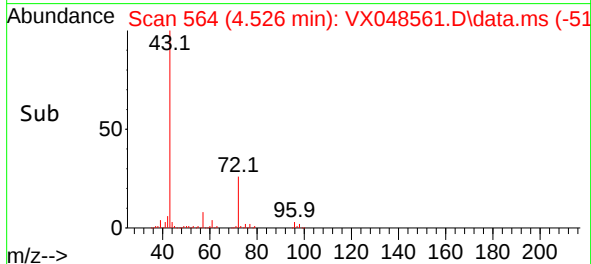
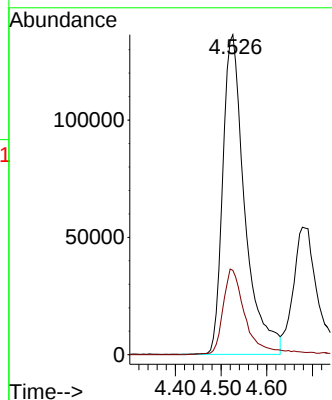
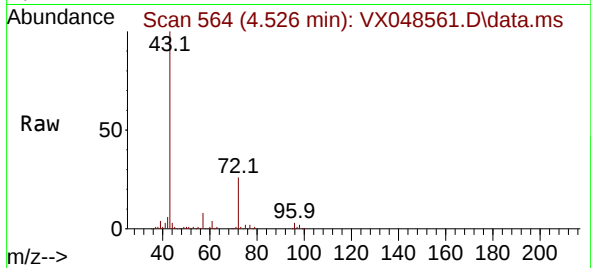
#25
2-Butanone
Concen: 286.302 ug/l
RT: 4.526 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 455149
Ion Ratio Lower Upper
43 100
72 26.4 21.5 32.3

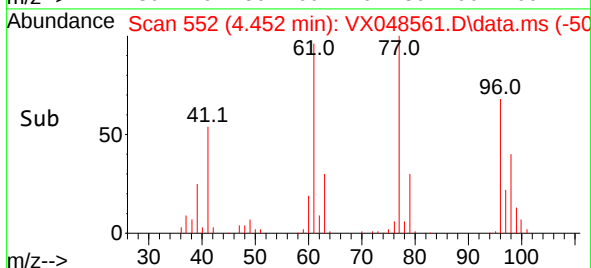
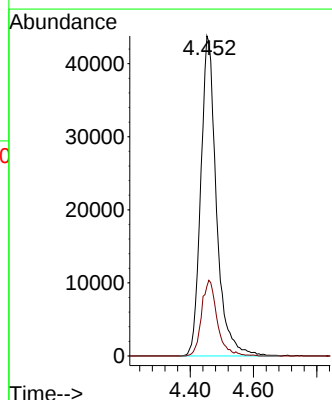
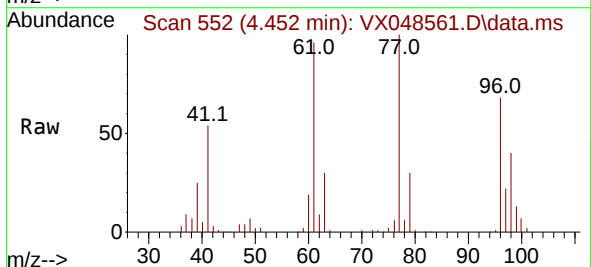
Manual Integrations
APPROVED

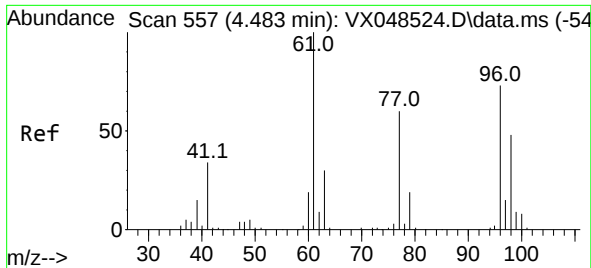
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#26
2,2-Dichloropropane
Concen: 47.573 ug/l
RT: 4.452 min Scan# 552
Delta R.T. -0.012 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

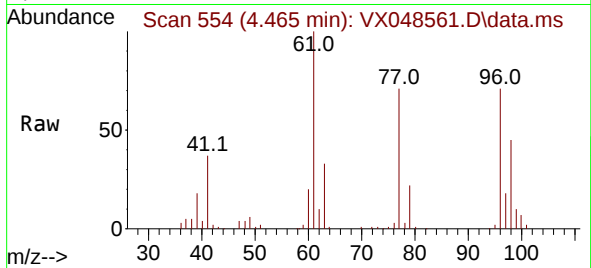
Tgt Ion: 77 Resp: 150899
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 52.582 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.018 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

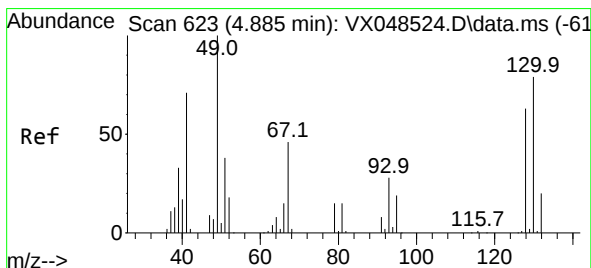
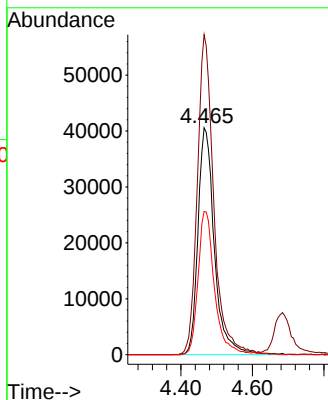
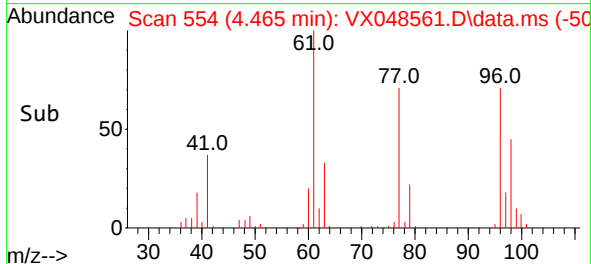
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 12920
Ion Ratio Lower Upper
96 100
61 141.2 0.0 279.6
98 63.5 0.0 128.2

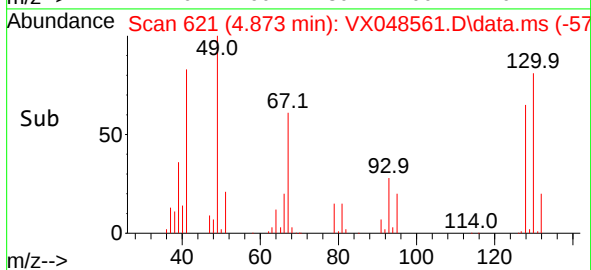
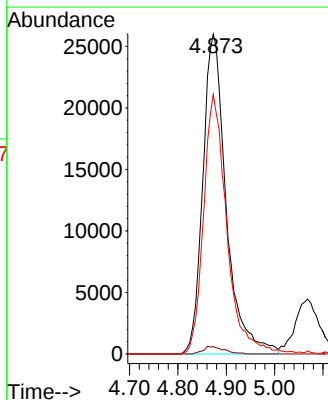
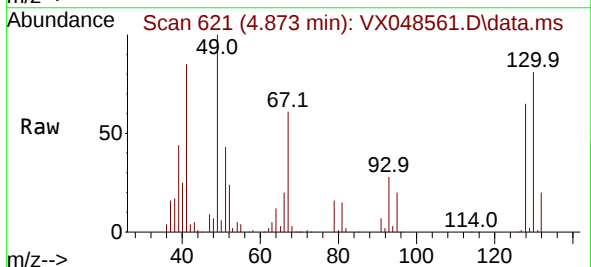
Manual Integrations
APPROVED

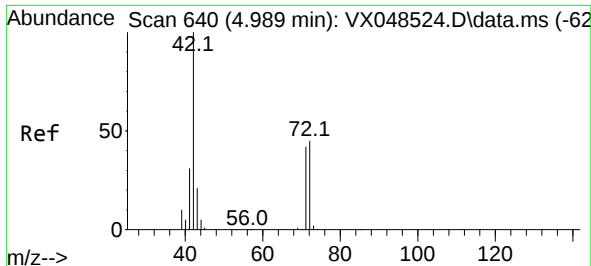
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#28
Bromochloromethane
Concen: 47.724 ug/l
RT: 4.873 min Scan# 621
Delta R.T. -0.012 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 49 Resp: 87229
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 80.9 65.9 98.9





#29

Tetrahydrofuran

Concen: 269.848 ug/l

RT: 4.971 min Scan# 61

Delta R.T. -0.018 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 30596

Ion Ratio Lower Upper

42 100

72 43.8 36.3 54.5

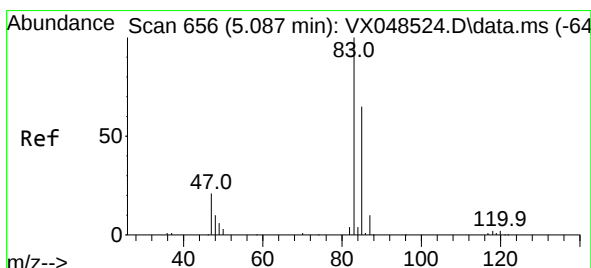
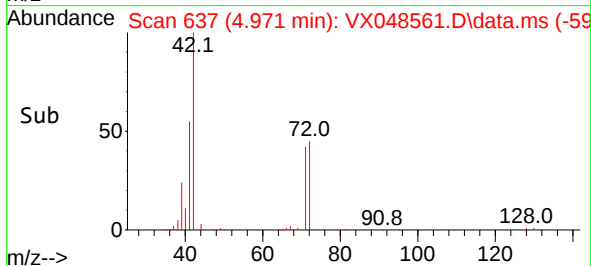
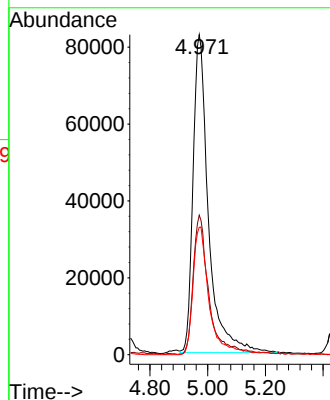
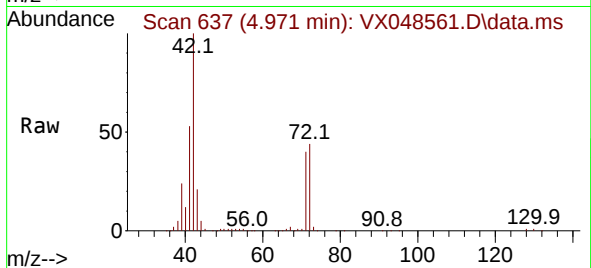
71 41.7 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#30

Chloroform

Concen: 51.938 ug/l

RT: 5.068 min Scan# 653

Delta R.T. -0.018 min

Lab File: VX048561.D

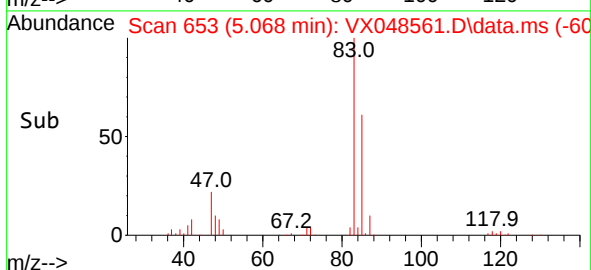
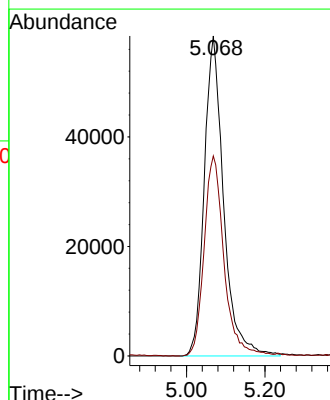
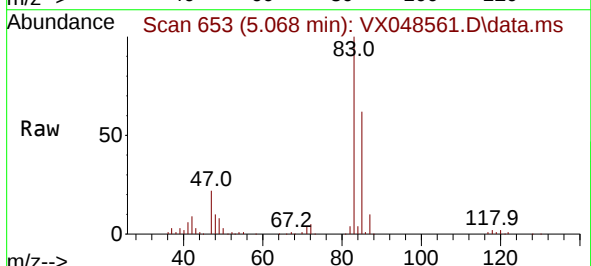
Acq: 11 Nov 2025 15:06

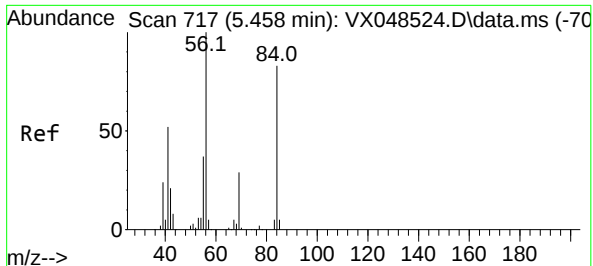
Tgt Ion: 83 Resp: 199496

Ion Ratio Lower Upper

83 100

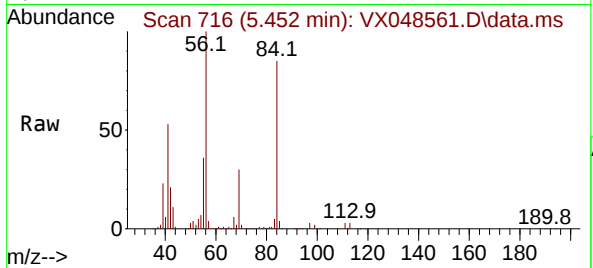
85 62.5 51.8 77.6





#31
Cyclohexane
Concen: 49.686 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

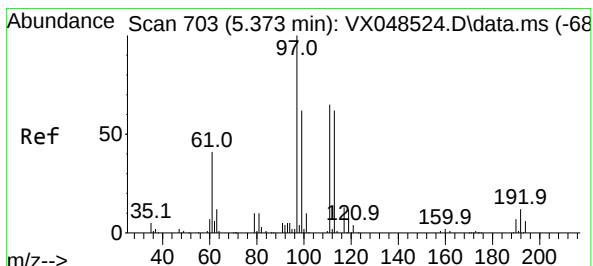
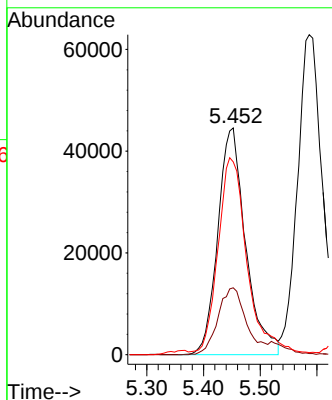
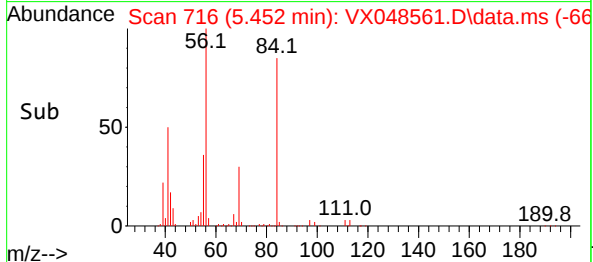
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 151469
Ion Ratio Lower Upper
56 100
69 29.5 23.4 35.2
84 83.4 66.3 99.5

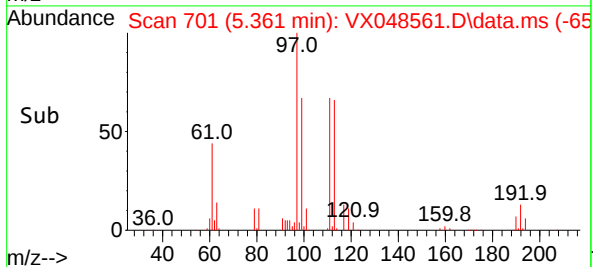
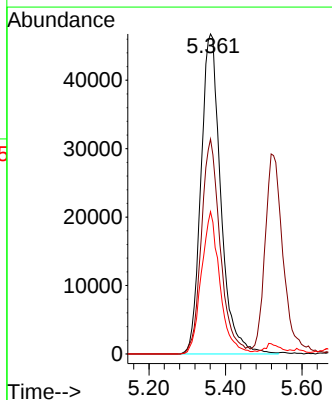
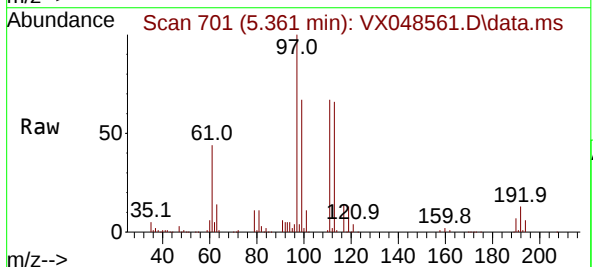
Manual Integrations
APPROVED

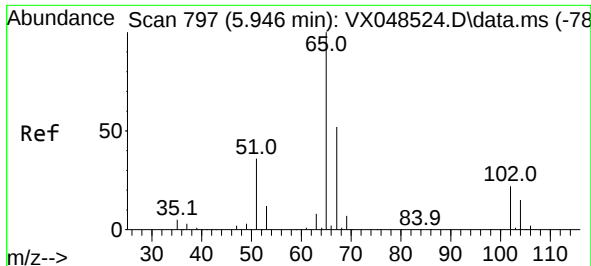
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#32
1,1,1-Trichloroethane
Concen: 50.213 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 97 Resp: 168320
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 41.7 33.4 50.2





#33

1,2-Dichloroethane-d4

Concen: 54.642 ug/l

RT: 5.928 min Scan# 79

Delta R.T. -0.018 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 124052

Ion Ratio Lower Upper

65 100

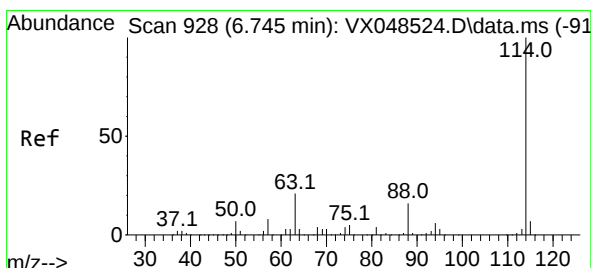
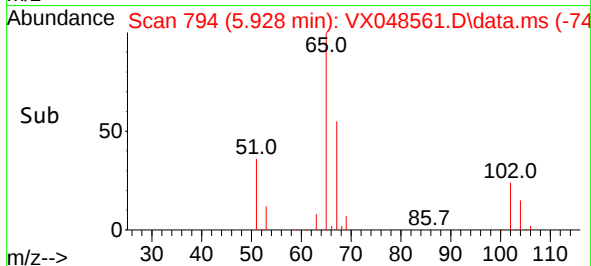
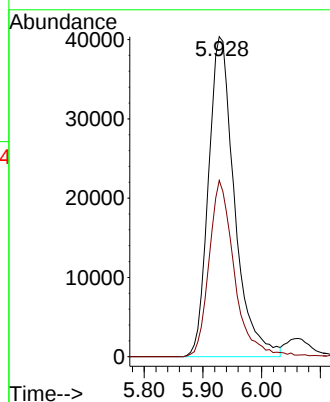
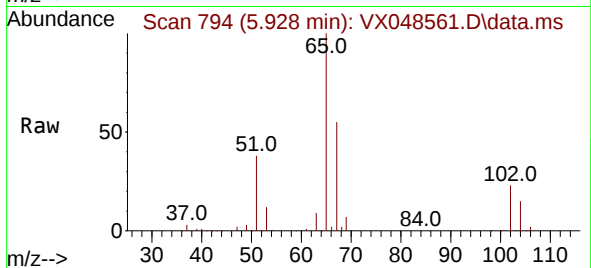
67 53.4 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.733 min Scan# 926

Delta R.T. -0.012 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

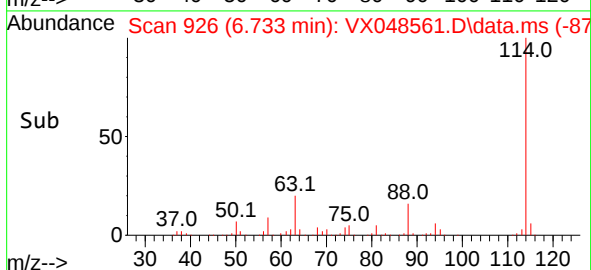
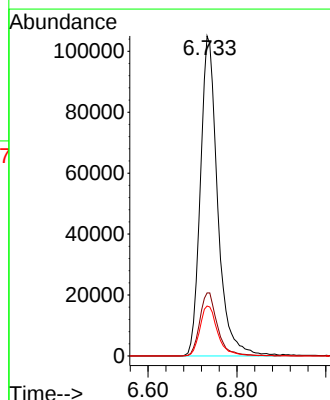
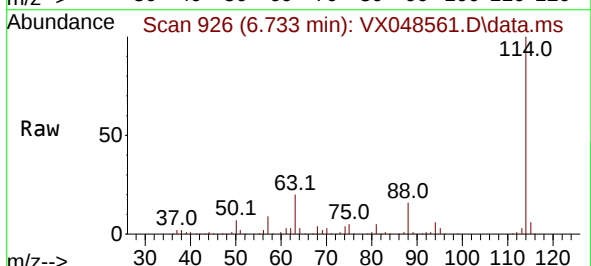
Tgt Ion:114 Resp: 283812

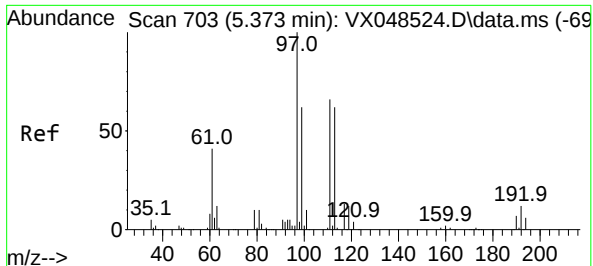
Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.2

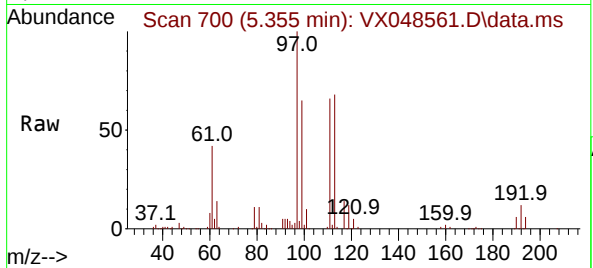
88 15.6 0.0 32.2





#35
Dibromofluoromethane
Concen: 49.399 ug/l
RT: 5.355 min Scan# 703
Delta R.T. -0.018 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

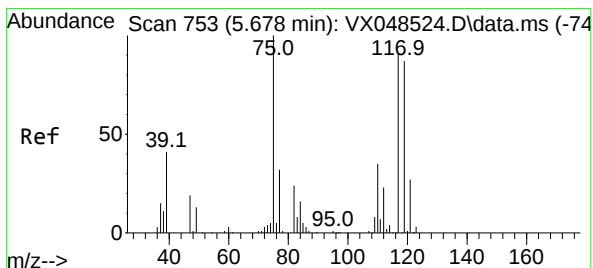
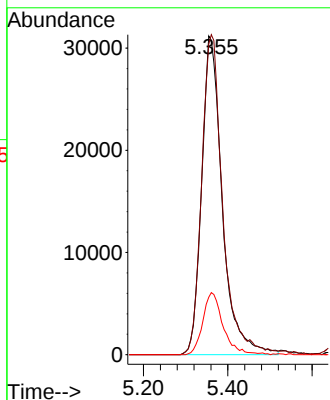
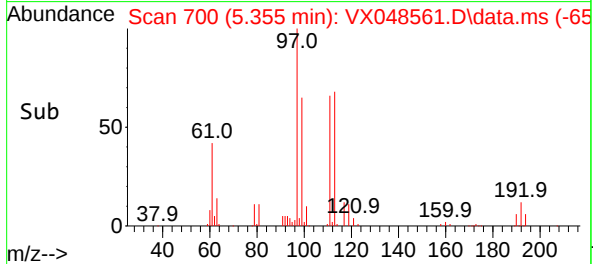
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 10611
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.2 15.8 23.6

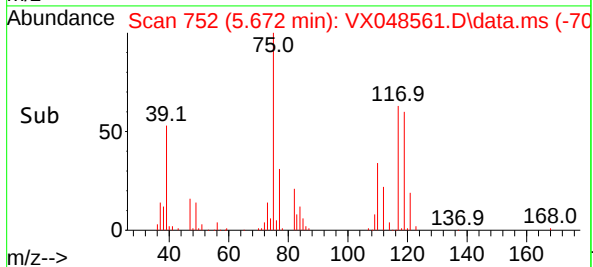
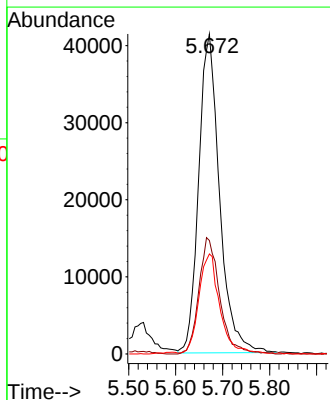
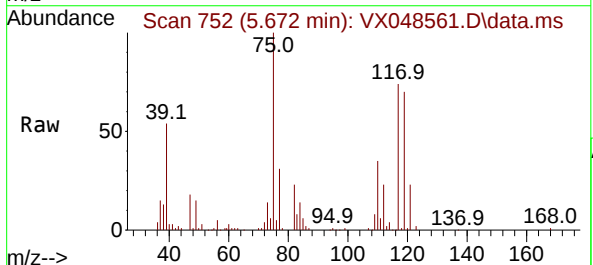
Manual Integrations
APPROVED

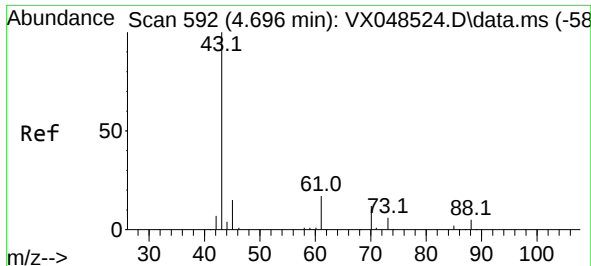
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#36
1,1-Dichloropropene
Concen: 44.354 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 75 Resp: 127578
Ion Ratio Lower Upper
75 100
110 36.5 18.4 55.4
77 31.2 24.6 37.0





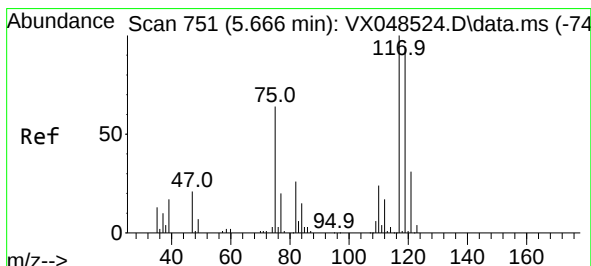
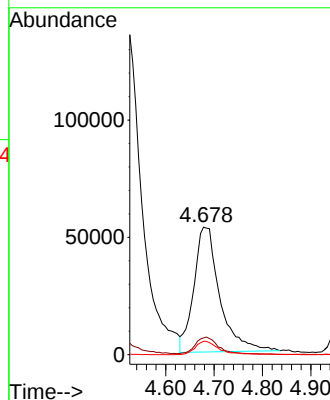
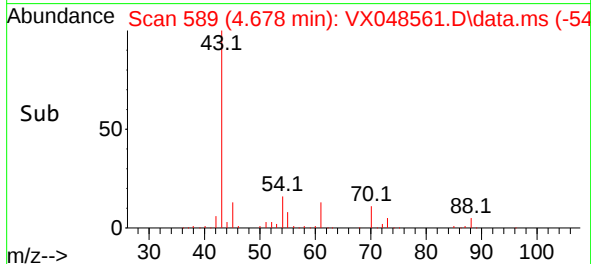
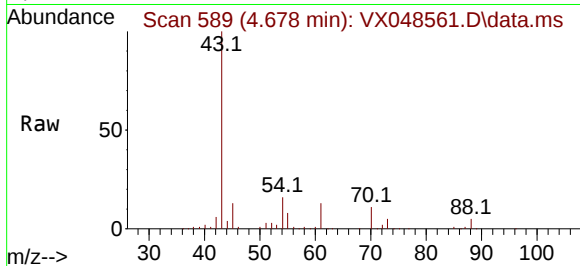
#37
Ethyl Acetate
Concen: 48.851 ug/l
RT: 4.678 min Scan# 51
Delta R.T. -0.018 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 19779
Ion Ratio Lower Upper
43 100
61 13.1 9.7 14.5
70 9.8 7.7 11.5

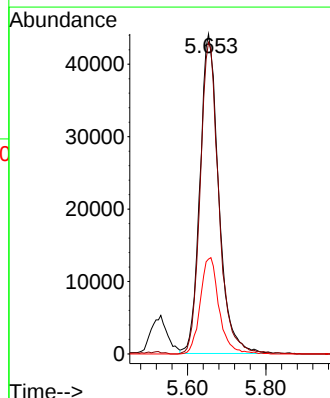
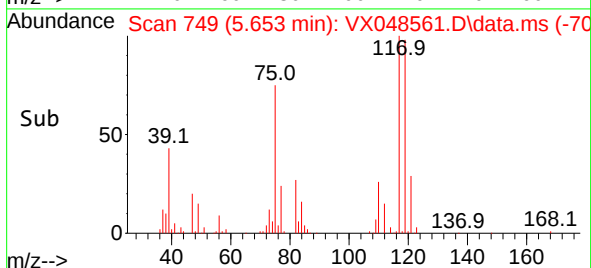
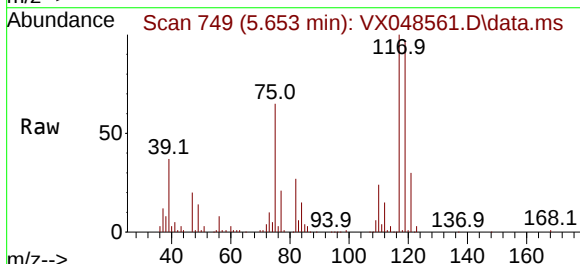
Manual Integrations
APPROVED

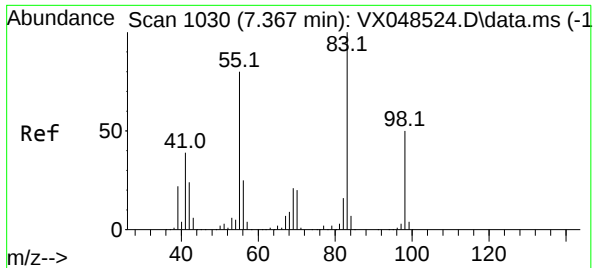
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#38
Carbon Tetrachloride
Concen: 44.867 ug/l
RT: 5.653 min Scan# 749
Delta R.T. -0.012 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

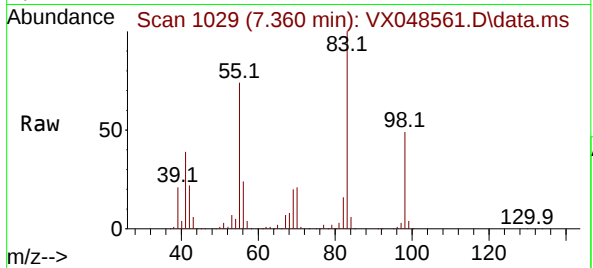
Tgt Ion:117 Resp: 146907
Ion Ratio Lower Upper
117 100
119 97.4 74.5 111.7
121 29.7 24.8 37.2





#39
Methylcyclohexane
Concen: 46.491 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

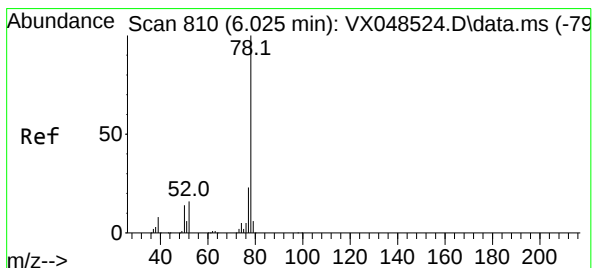
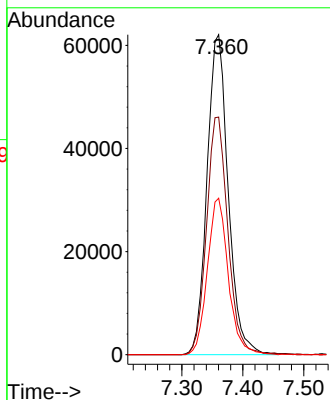
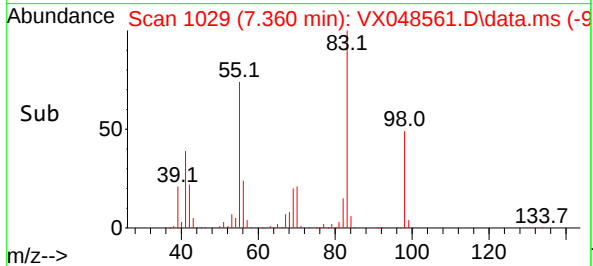
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 150150
Ion Ratio Lower Upper
83 100
55 74.2 63.8 95.6
98 48.9 40.3 60.5

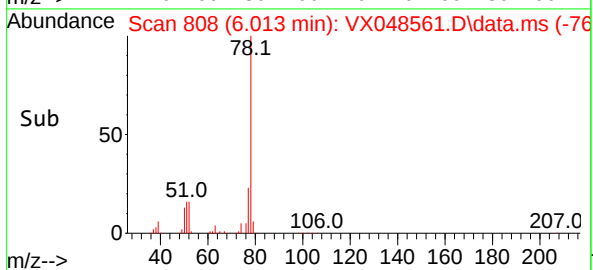
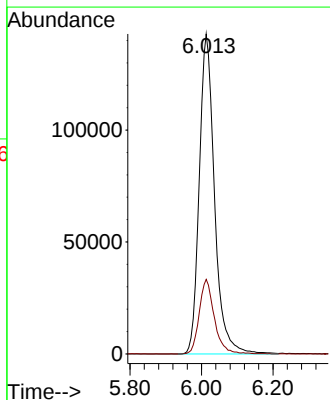
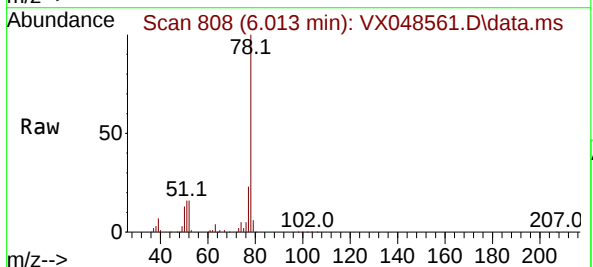
Manual Integrations
APPROVED

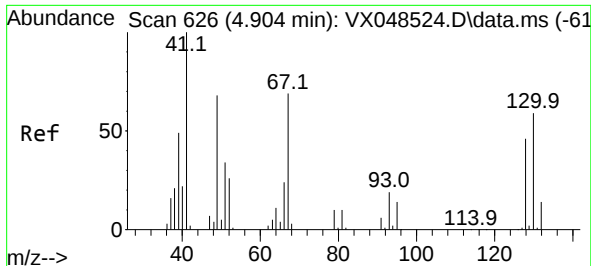
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#40
Benzene
Concen: 47.442 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 78 Resp: 422996
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5





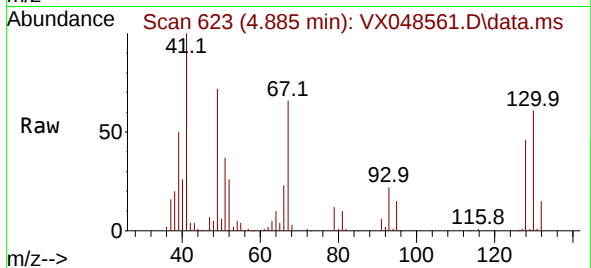
#41
Methacrylonitrile
Concen: 51.720 ug/l
RT: 4.885 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



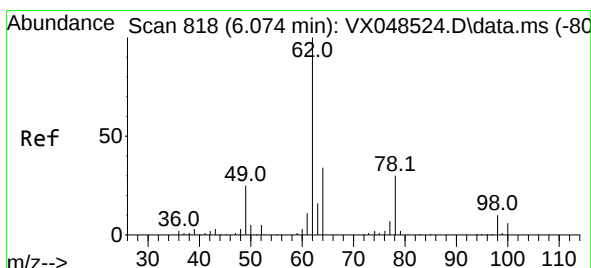
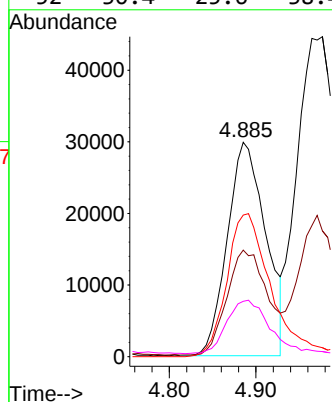
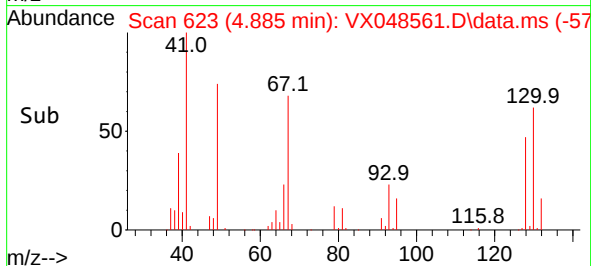
Tgt Ion: 41 Resp: 92092
Ion Ratio Lower Upper
41 100
39 51.0 41.1 61.7
67 79.6 64.2 96.2
52 30.4 25.6 38.4

Manual Integrations

APPROVED

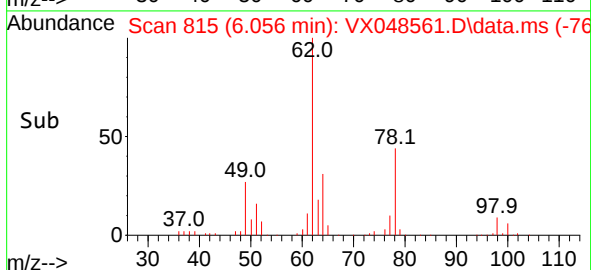
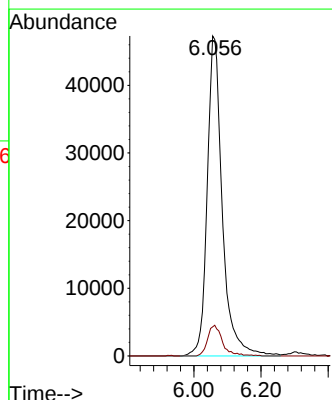
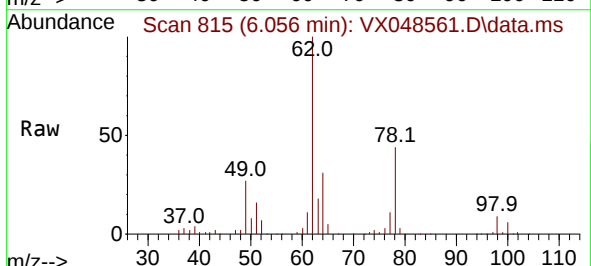
Reviewed By :John Carlone 11/12/2025

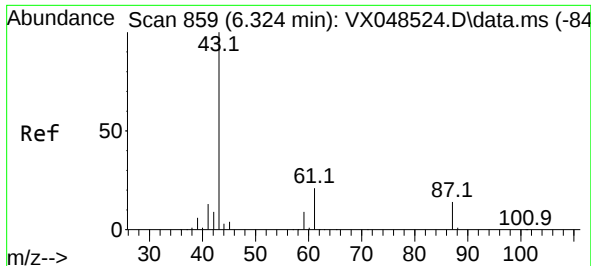
Supervised By :Mahesh Dadoda 11/12/2025



#42
1,2-Dichloroethane
Concen: 48.197 ug/l
RT: 6.056 min Scan# 815
Delta R.T. -0.018 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 62 Resp: 147236
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.6





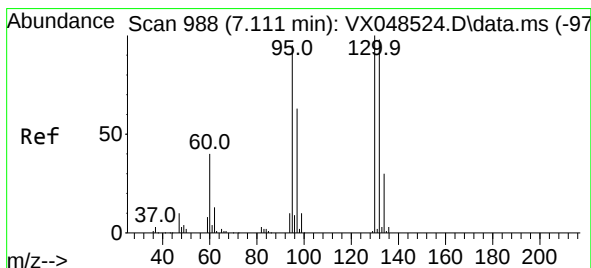
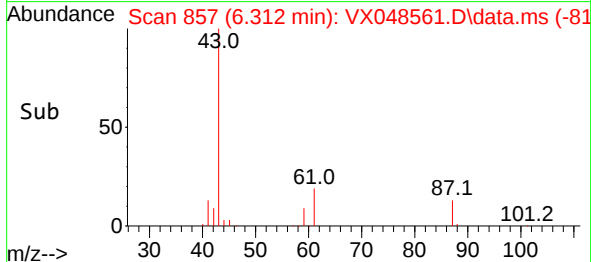
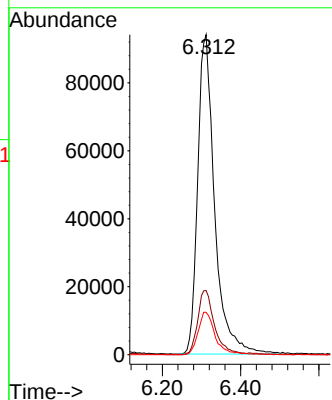
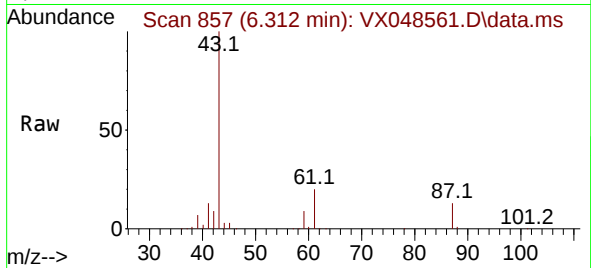
#43
Isopropyl Acetate
Concen: 49.758 ug/l
RT: 6.312 min Scan# 857
Delta R.T. -0.012 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 283190
Ion Ratio Lower Upper
43 100
61 20.0 16.2 24.4
87 13.4 10.9 16.3

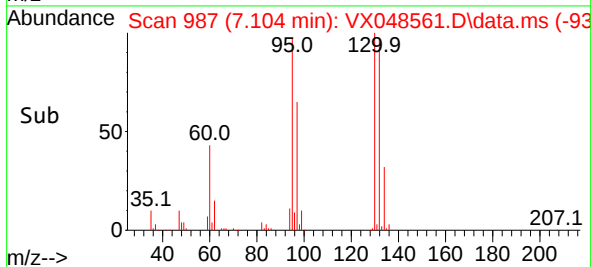
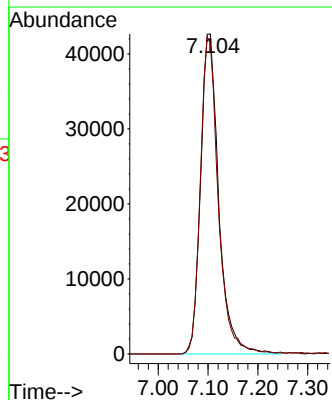
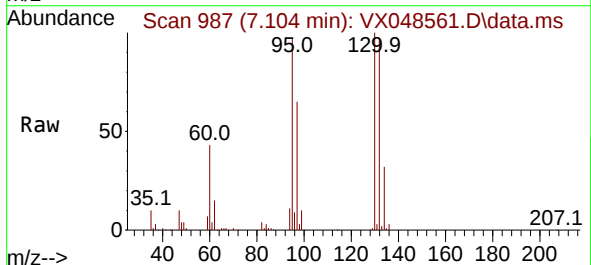
Manual Integrations
APPROVED

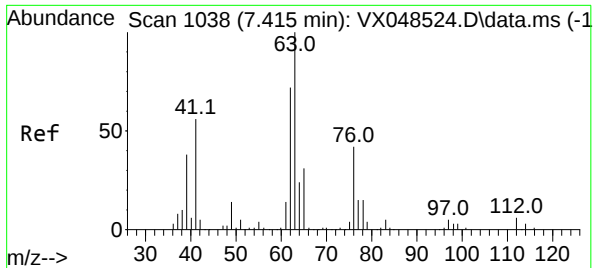
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#44
Trichloroethene
Concen: 50.523 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion:130 Resp: 107675
Ion Ratio Lower Upper
130 100
95 97.1 0.0 190.2





#45

1,2-Dichloropropane

Concen: 52.277 ug/l

RT: 7.403 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 10717

Ion Ratio Lower Upper

63 100

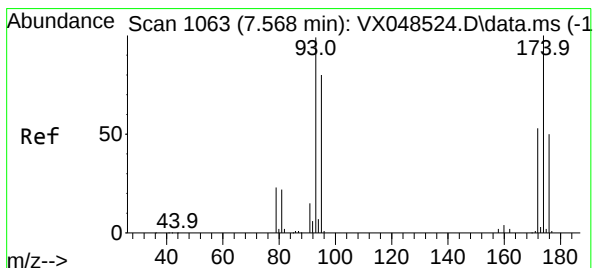
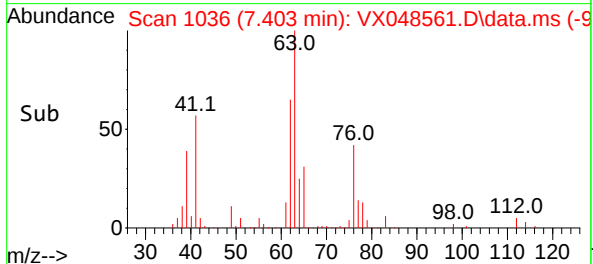
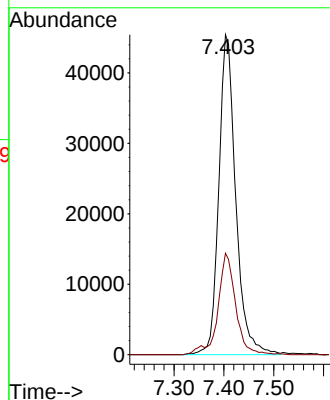
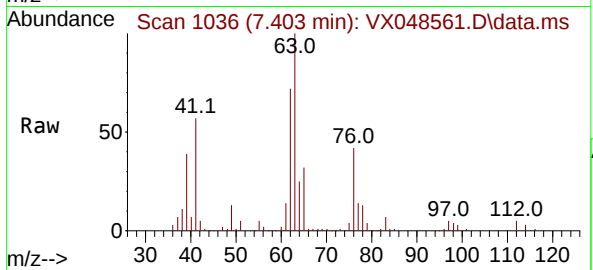
65 31.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#46

Dibromomethane

Concen: 53.293 ug/l

RT: 7.556 min Scan# 1061

Delta R.T. -0.012 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

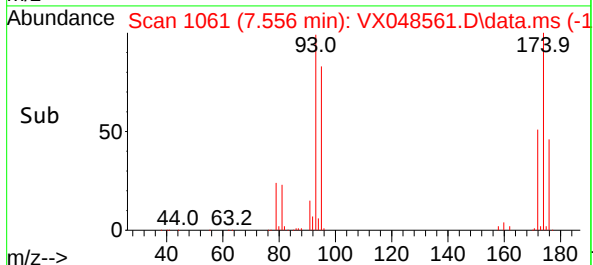
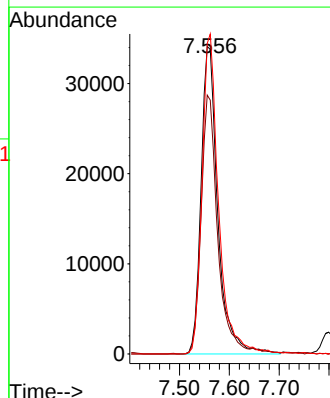
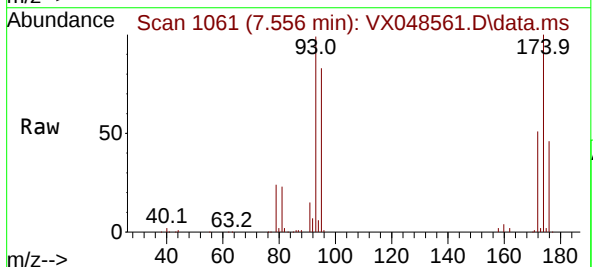
Tgt Ion: 93 Resp: 79686

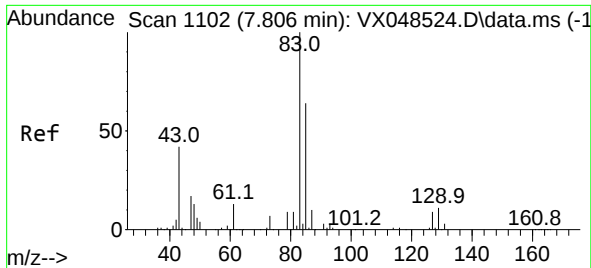
Ion Ratio Lower Upper

93 100

95 83.5 67.6 101.4

174 102.8 83.0 124.6





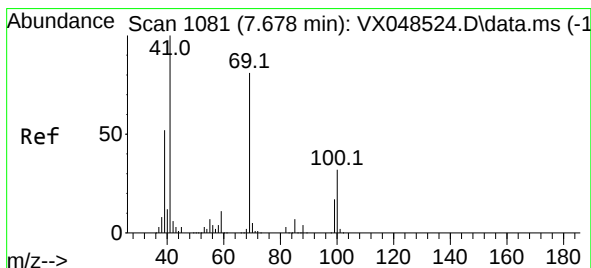
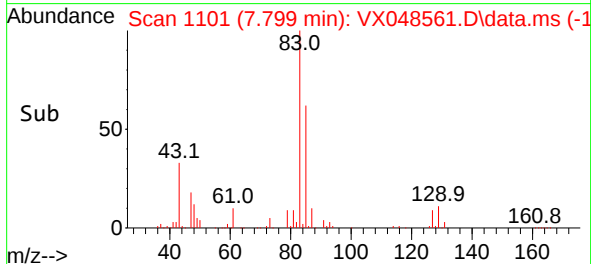
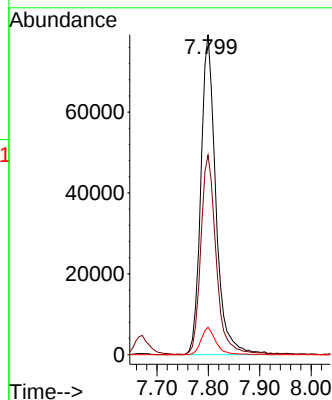
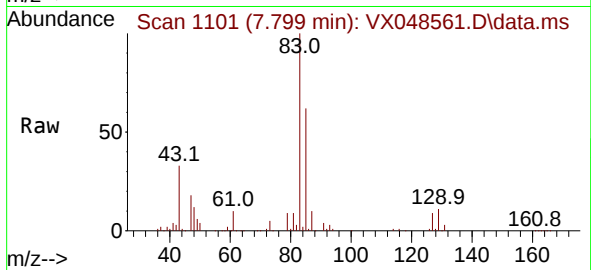
#47
Bromodichloromethane
Concen: 53.853 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 16064
Ion Ratio Lower Upper
83 100
85 62.2 51.4 77.0
127 8.5 7.0 10.4

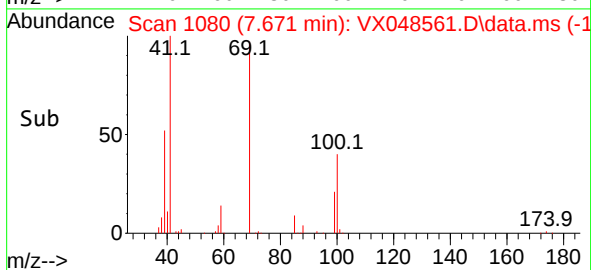
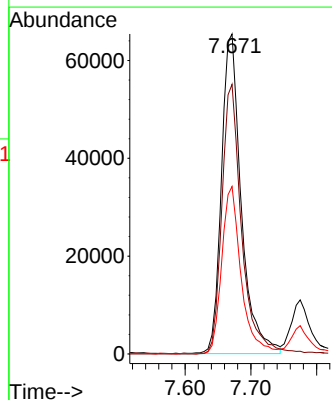
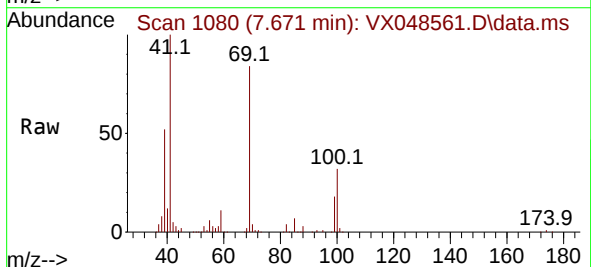
Manual Integrations
APPROVED

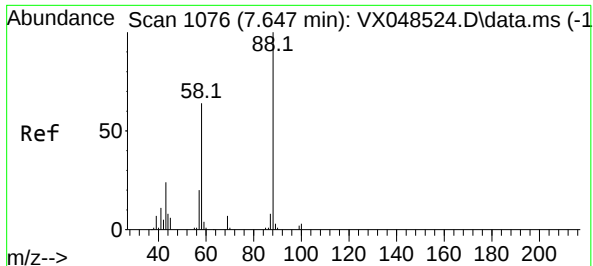
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#48
Methyl methacrylate
Concen: 54.176 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 41 Resp: 137069
Ion Ratio Lower Upper
41 100
69 84.5 67.9 101.9
39 51.3 42.2 63.2





#49

1,4-Dioxane

Concen: 1040.337 ug/l

RT: 7.635 min Scan# 1076

Delta R.T. -0.012 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

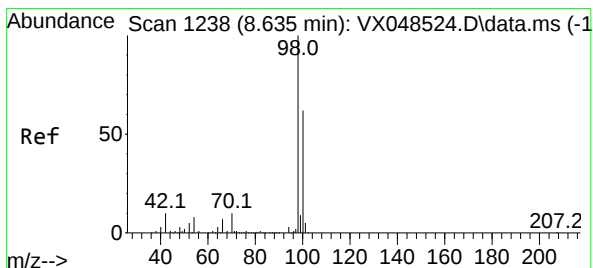
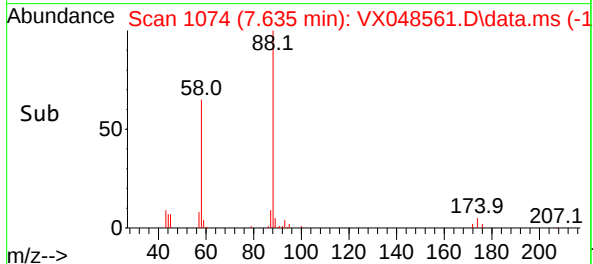
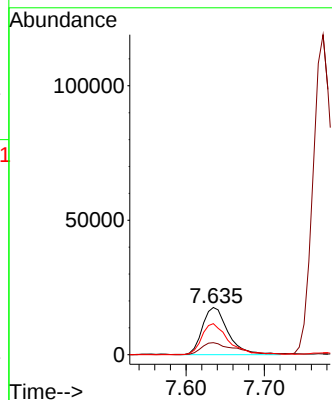
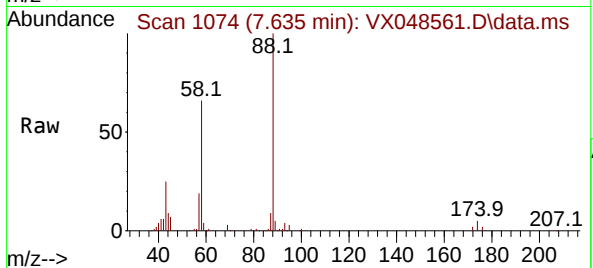
Tgt Ion:	88	Resp:	4010
Ion Ratio	Lower	Upper	
88	100		
43	31.8	25.1	37.7
58	68.0	56.7	85.1

Manual Integrations

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Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#50

Toluene-d8

Concen: 53.046 ug/l

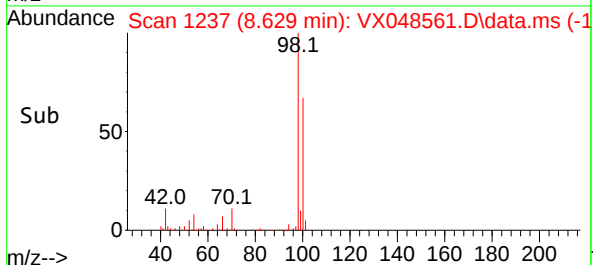
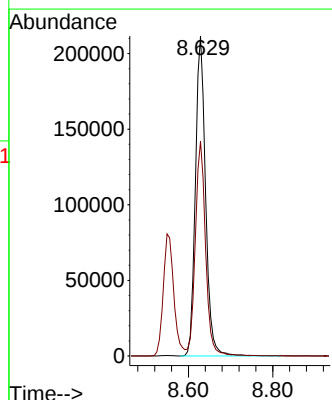
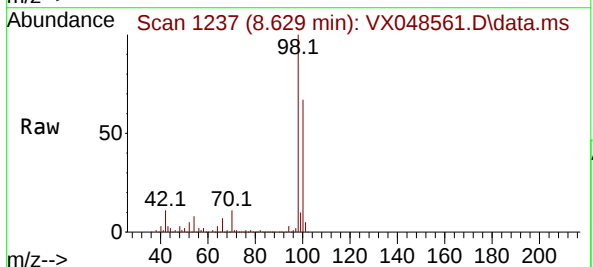
RT: 8.629 min Scan# 1237

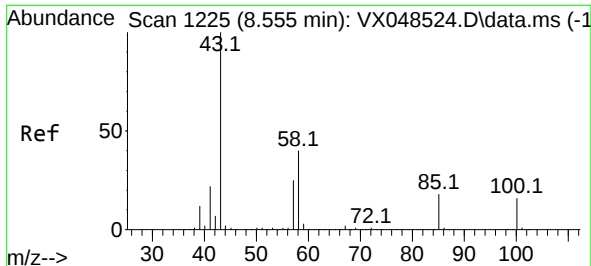
Delta R.T. -0.006 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

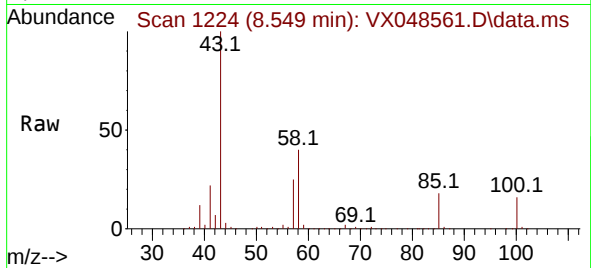
Tgt Ion:	98	Resp:	355379
Ion Ratio	Lower	Upper	
98	100		
100	67.4	53.6	80.4





#51
4-Methyl-2-Pentanone
Concen: 276.496 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

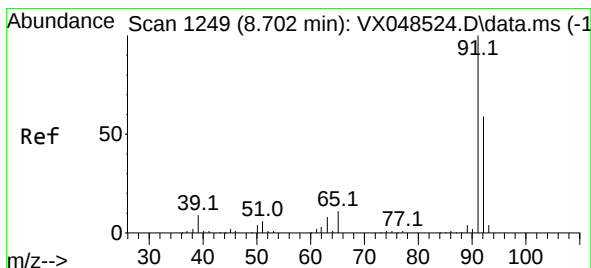
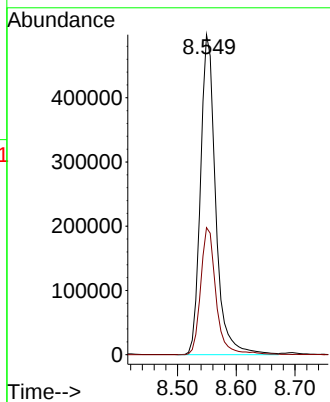
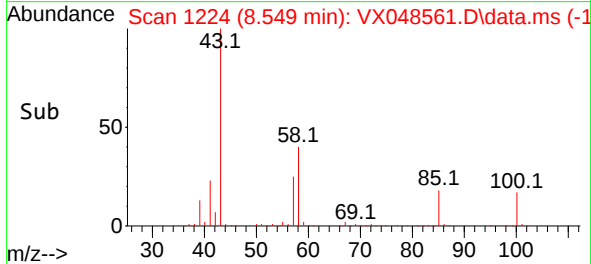
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



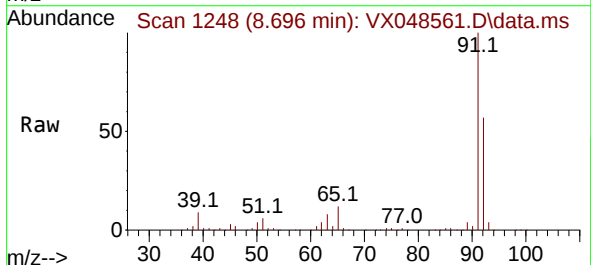
Tgt Ion: 43 Resp: 89578
Ion Ratio Lower Upper
43 100
58 40.4 32.3 48.5

Manual Integrations
APPROVED

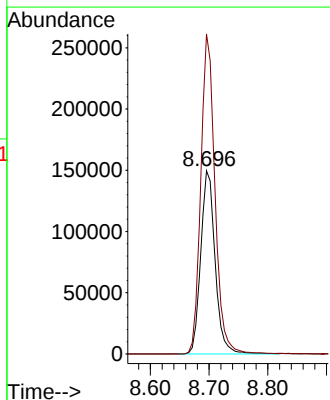
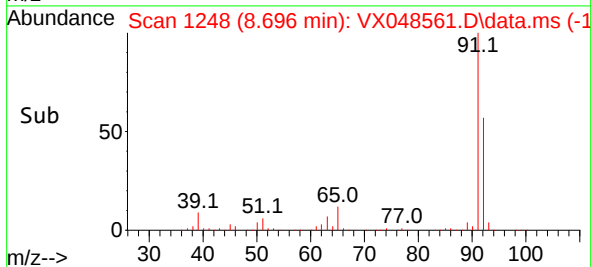
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

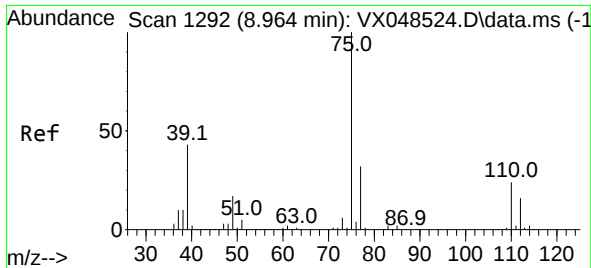


#52
Toluene
Concen: 54.146 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06



Tgt Ion: 92 Resp: 254172
Ion Ratio Lower Upper
92 100
91 172.2 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 52.216 ug/l
RT: 8.958 min Scan# 1190
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

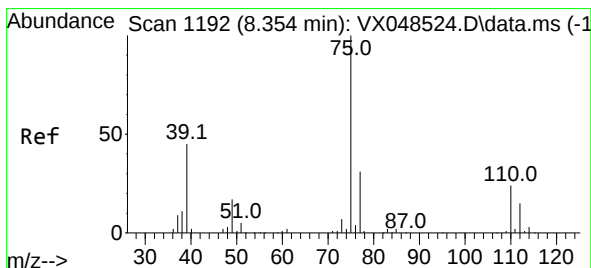
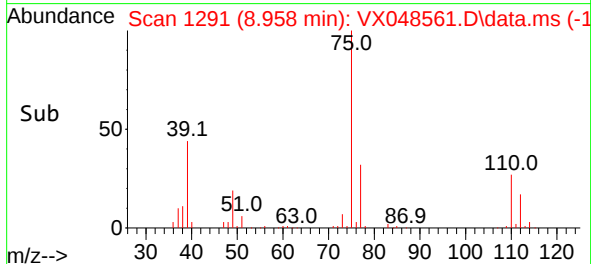
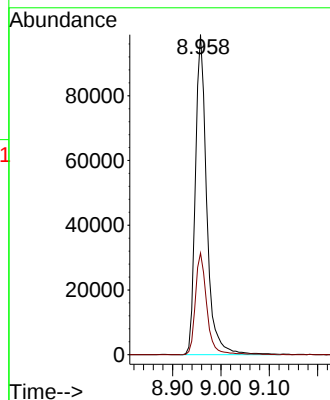
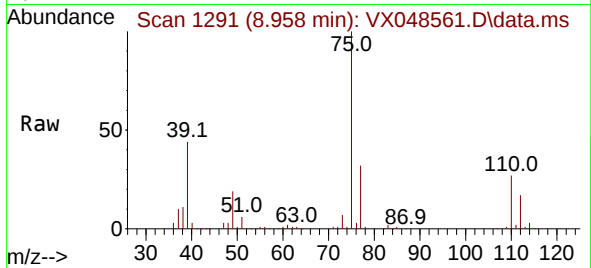
VSTDCCC050EC

Tgt Ion: 75 Resp: 160490
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6

Manual Integrations

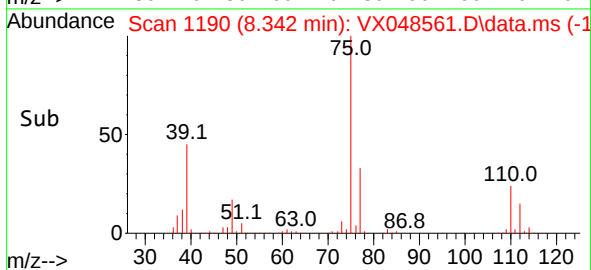
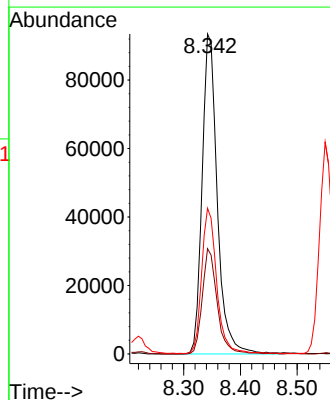
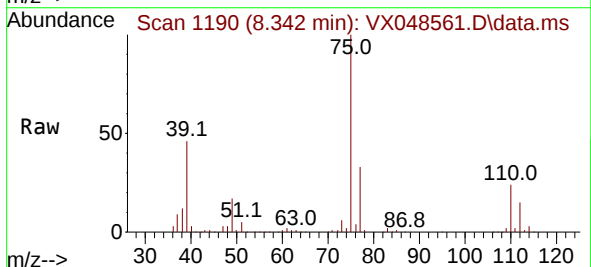
APPROVED

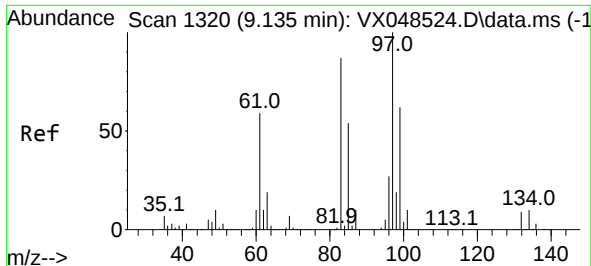
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#54
cis-1,3-Dichloropropene
Concen: 54.728 ug/l
RT: 8.342 min Scan# 1190
Delta R.T. -0.012 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 75 Resp: 174182
Ion Ratio Lower Upper
75 100
77 32.9 24.7 37.1
39 45.4 36.1 54.1





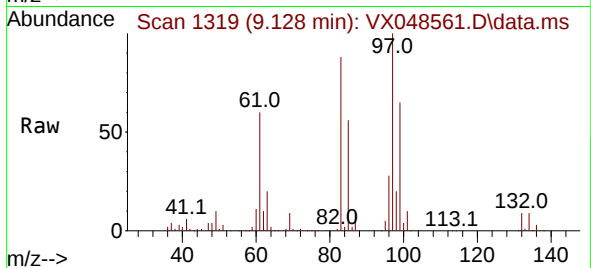
#55
1,1,2-Trichloroethane
Concen: 56.385 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



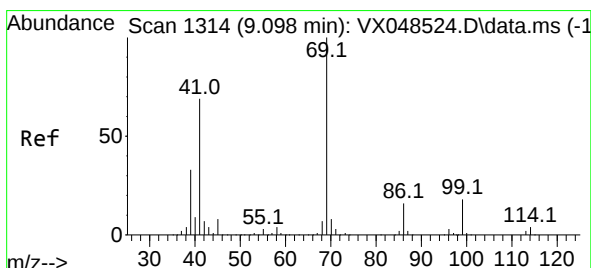
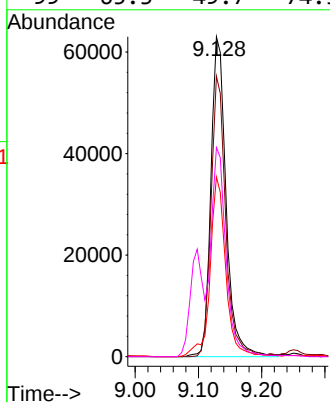
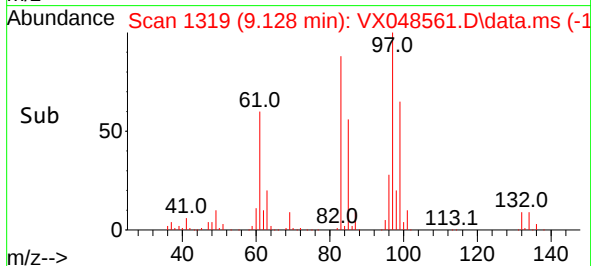
Tgt Ion: 97 Resp: 105748
Ion Ratio Lower Upper
97 100
83 87.6 69.2 103.8
85 56.2 42.8 64.2
99 65.3 49.7 74.5

Manual Integrations

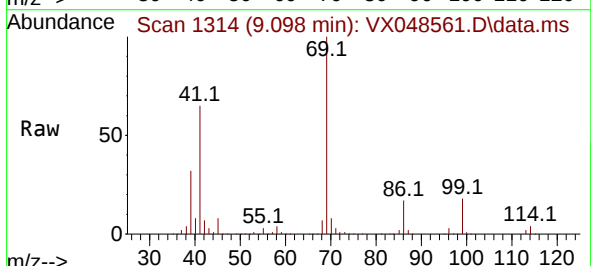
APPROVED

Reviewed By :John Carlone 11/12/2025

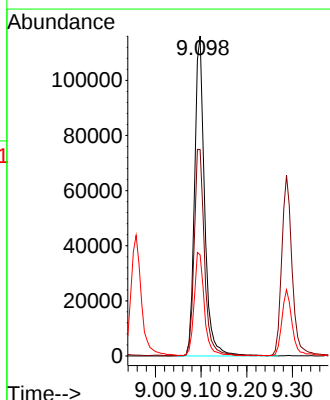
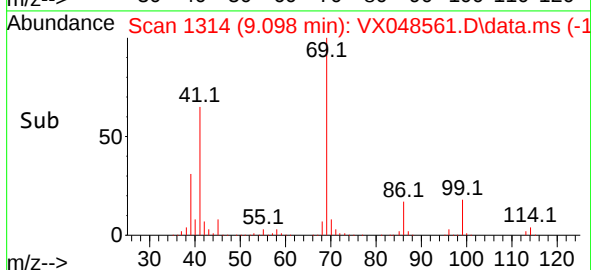
Supervised By :Mahesh Dadoda 11/12/2025

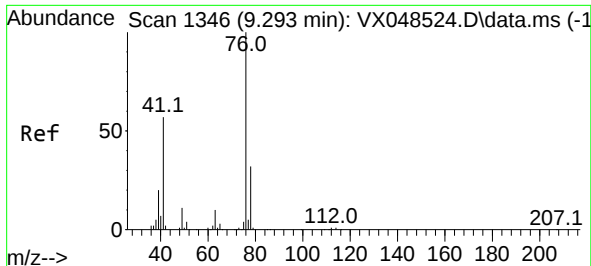


#56
Ethyl methacrylate
Concen: 56.673 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06



Tgt Ion: 69 Resp: 176837
Ion Ratio Lower Upper
69 100
41 66.4 53.3 79.9
39 32.9 26.1 39.1





#57

1,3-Dichloropropane

Concen: 54.746 ug/l

RT: 9.287 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 17871

Ion Ratio Lower Upper

76 100

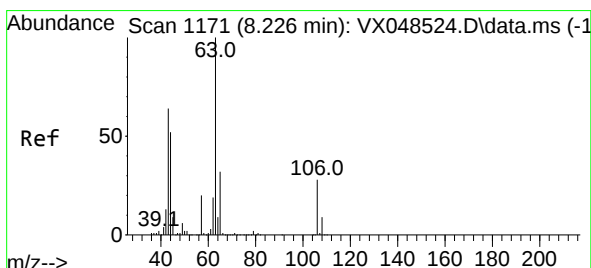
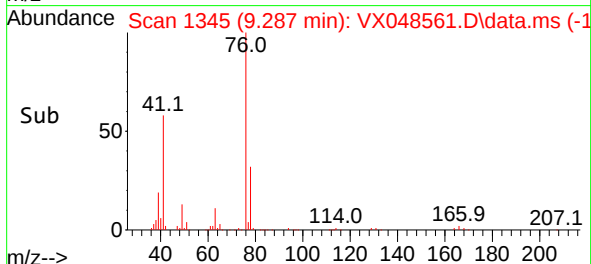
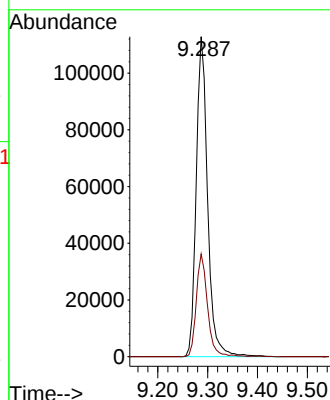
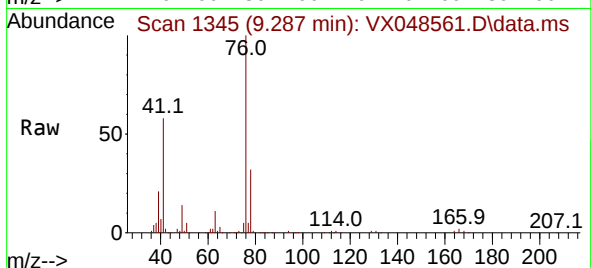
78 31.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 305.150 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048561.D

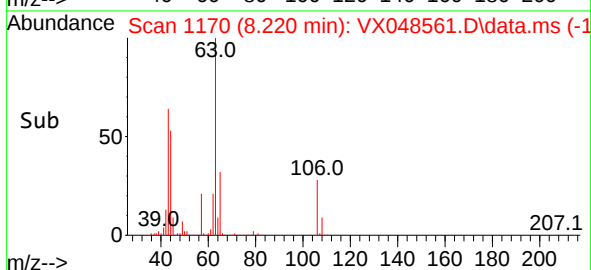
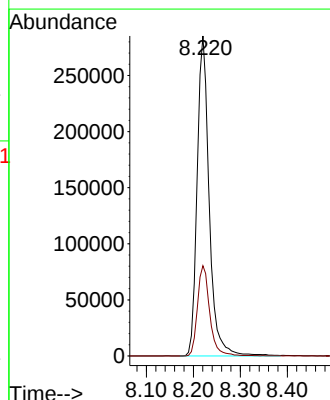
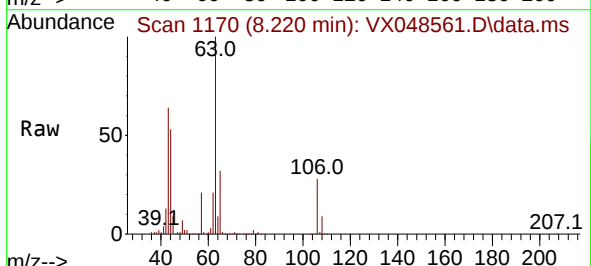
Acq: 11 Nov 2025 15:06

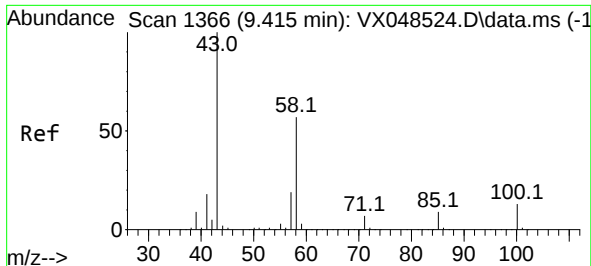
Tgt Ion: 63 Resp: 511908

Ion Ratio Lower Upper

63 100

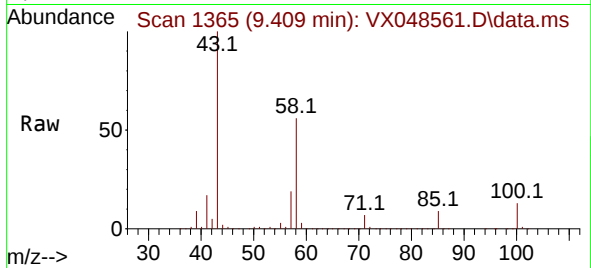
106 28.7 23.0 34.4





#59
2-Hexanone
Concen: 275.333 ug/l
RT: 9.409 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

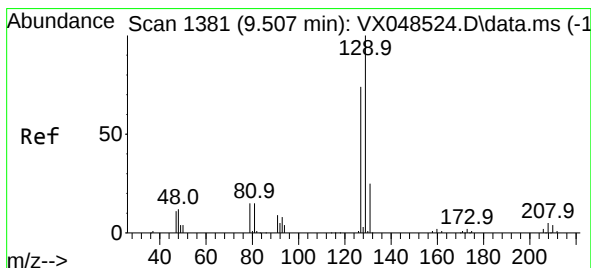
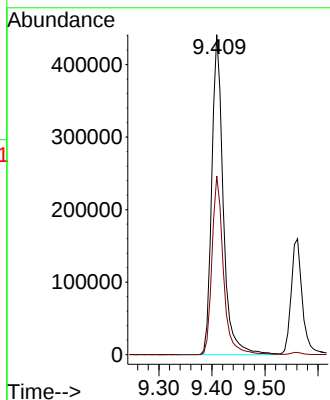
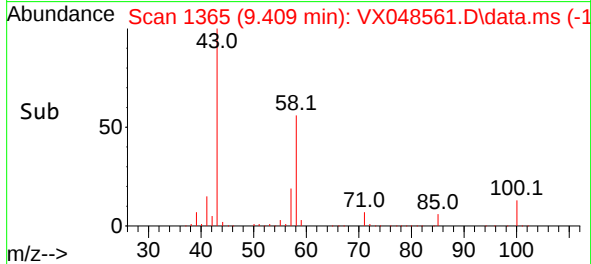
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 66353
Ion Ratio Lower Upper
43 100
58 55.8 28.1 84.2

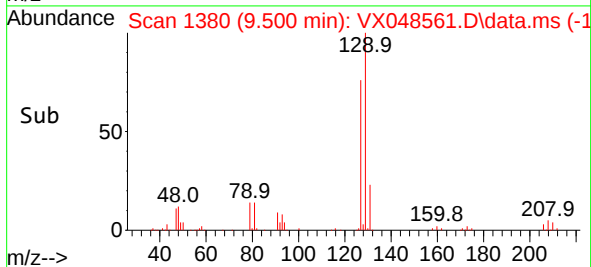
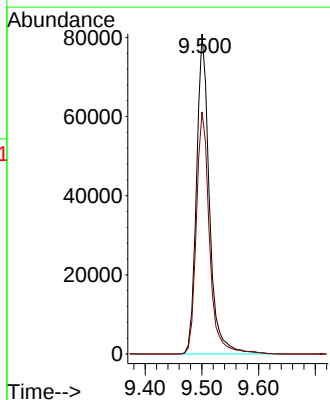
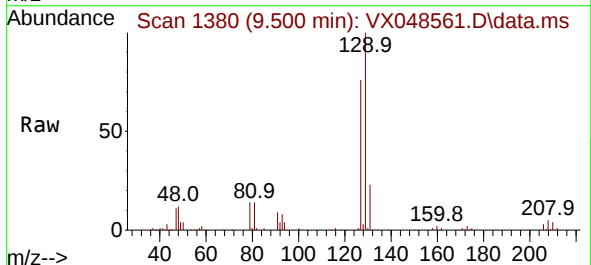
Manual Integrations
APPROVED

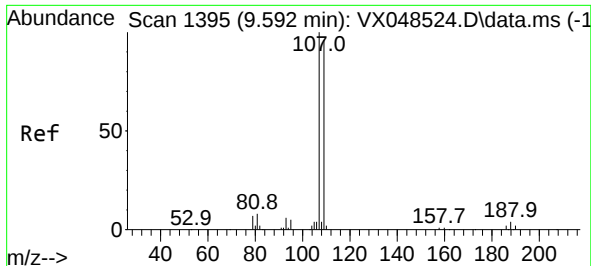
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#60
Dibromochloromethane
Concen: 55.240 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

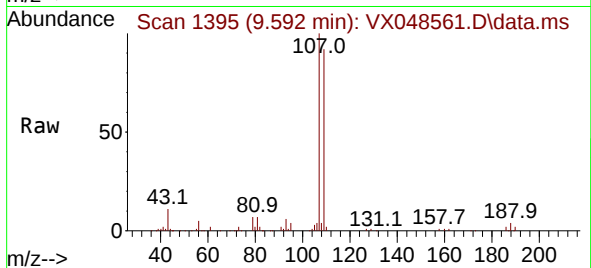
Tgt Ion:129 Resp: 127200
Ion Ratio Lower Upper
129 100
127 77.6 38.0 114.0





#61
1,2-Dibromoethane
Concen: 55.670 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

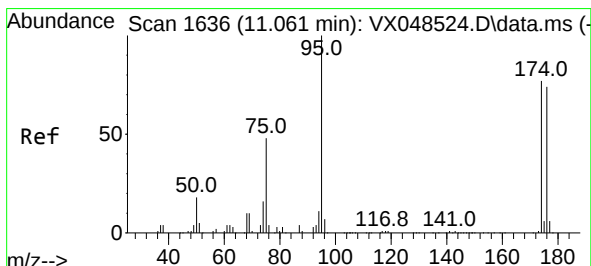
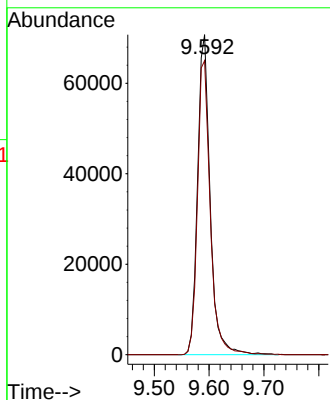
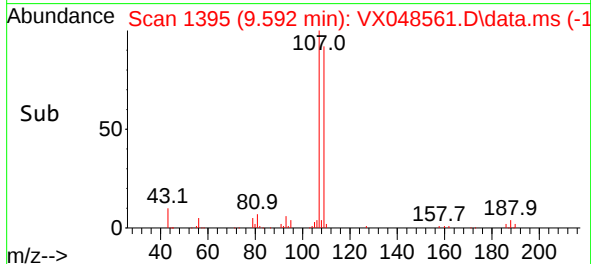
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 113084
Ion Ratio Lower Upper
107 100
109 93.7 75.3 112.9

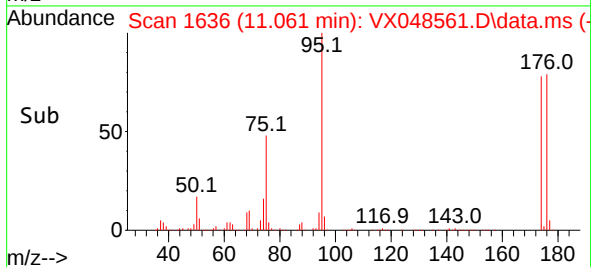
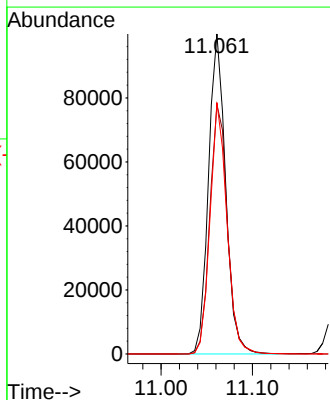
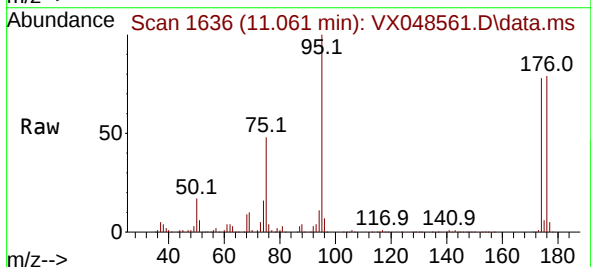
Manual Integrations
APPROVED

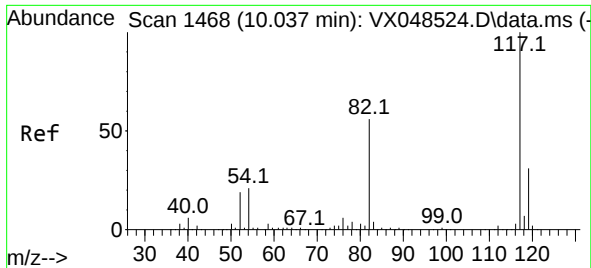
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#62
4-Bromofluorobenzene
Concen: 51.865 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

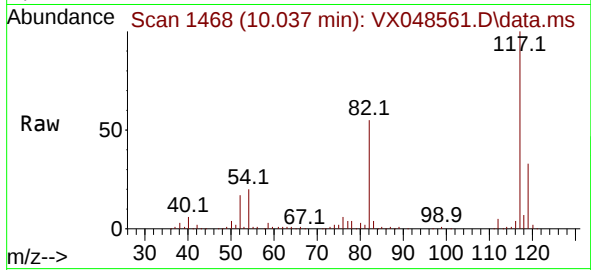
Tgt Ion: 95 Resp: 129489
Ion Ratio Lower Upper
95 100
174 80.5 0.0 161.8
176 77.4 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

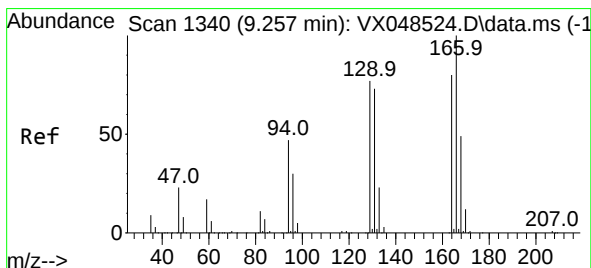
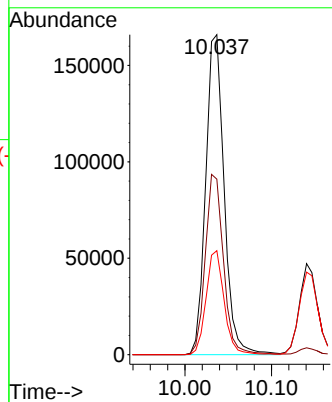
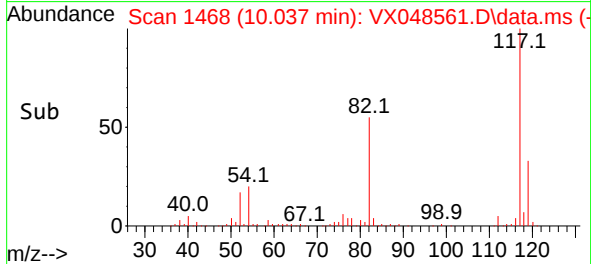
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 24575
Ion Ratio Lower Upper
117 100
82 54.9 44.4 66.6
119 32.5 25.1 37.7

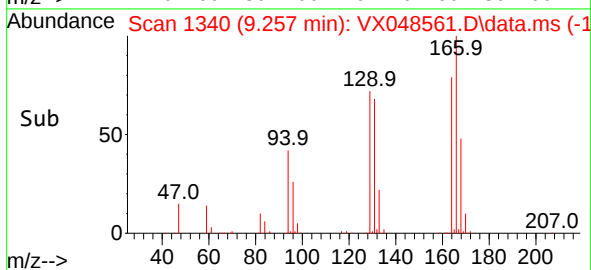
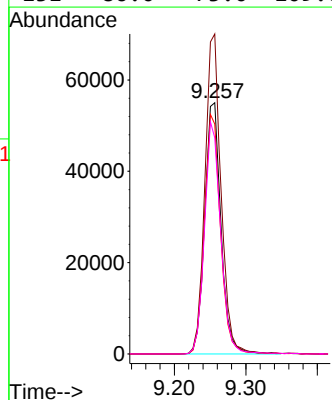
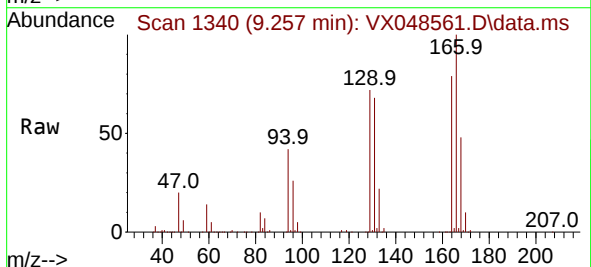
Manual Integrations
APPROVED

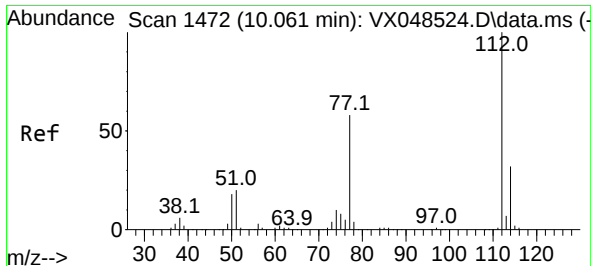
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#64
Tetrachloroethene
Concen: 48.791 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

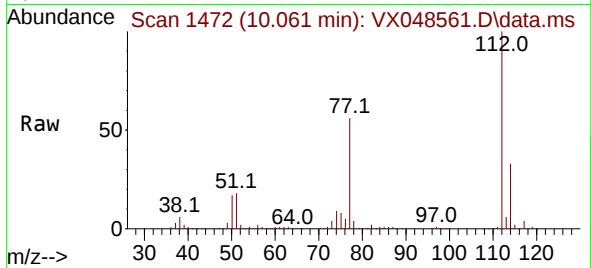
Tgt Ion:164 Resp: 87091
Ion Ratio Lower Upper
164 100
166 127.4 100.6 150.8
129 91.5 77.6 116.4
131 86.0 73.0 109.6





#65
Chlorobenzene
Concen: 49.108 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

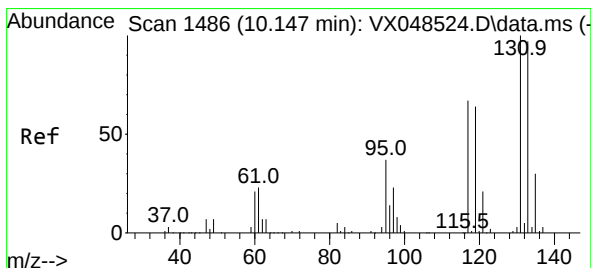
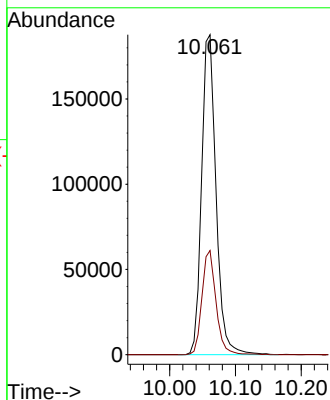
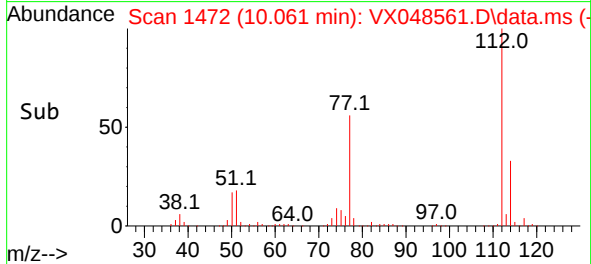
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



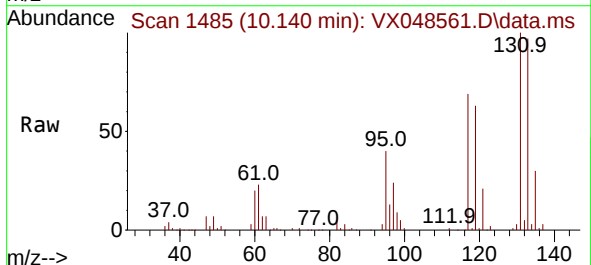
Tgt Ion:112 Resp: 28644
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3

Manual Integrations
APPROVED

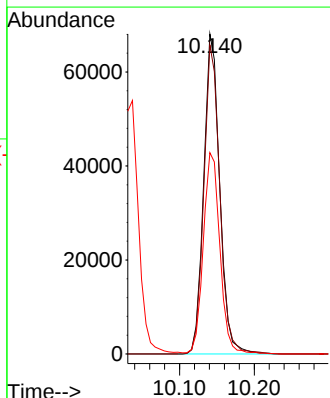
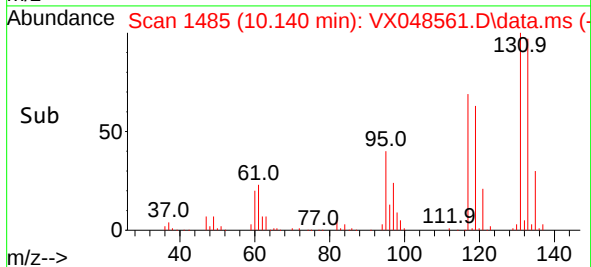
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

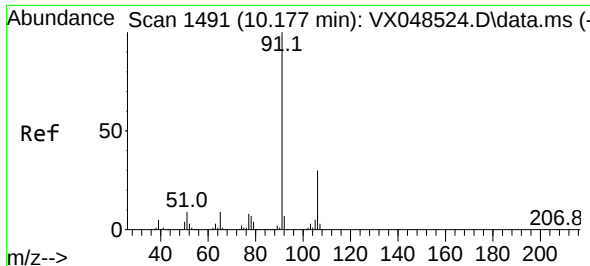


#66
1,1,1,2-Tetrachloroethane
Concen: 51.755 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06



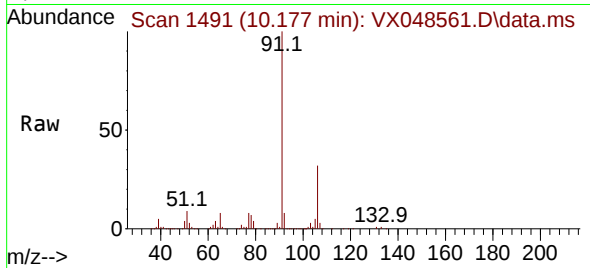
Tgt Ion:131 Resp: 101153
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.7
119 65.4 32.8 98.3





#67
Ethyl Benzene
Concen: 48.178 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

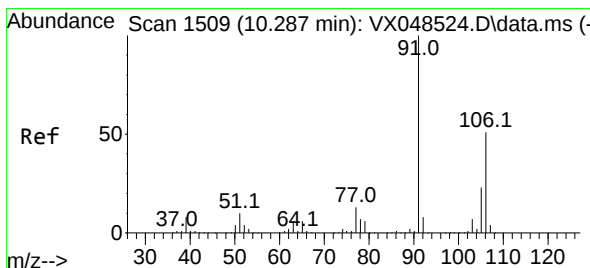
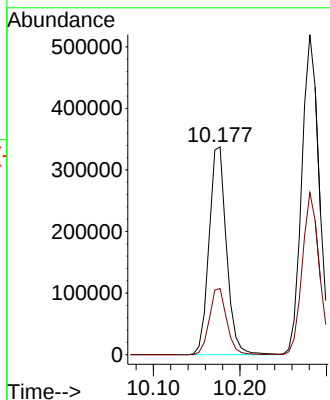
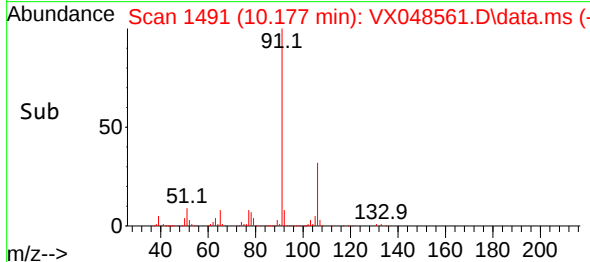
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



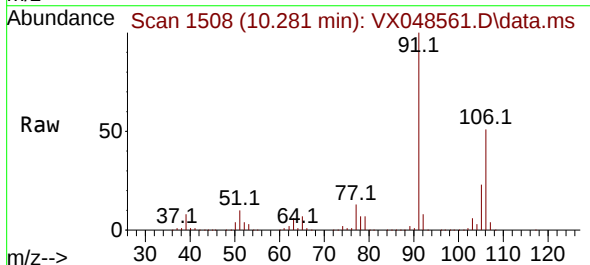
Tgt Ion: 91 Resp: 47190
Ion Ratio Lower Upper
91 100
106 31.8 24.1 36.1

Manual Integrations
APPROVED

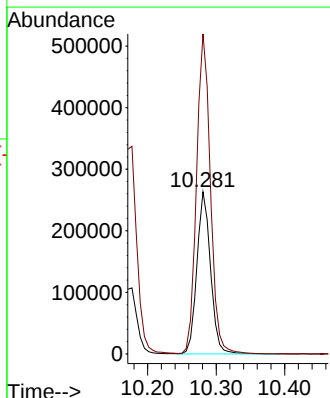
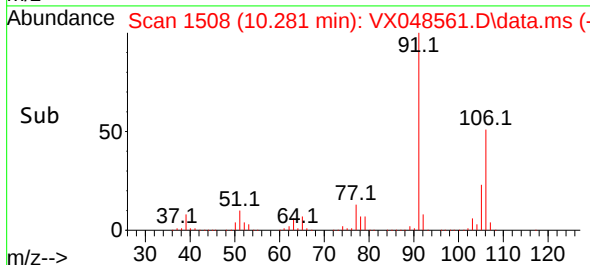
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025

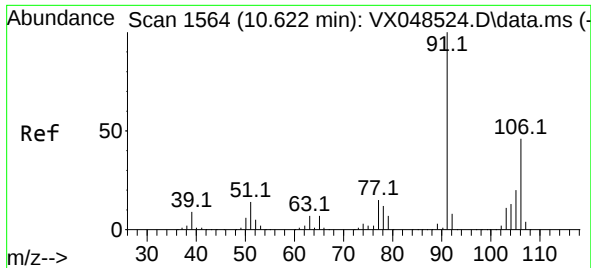


#68
m/p-Xylenes
Concen: 99.228 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06



Tgt Ion:106 Resp: 366055
Ion Ratio Lower Upper
106 100
91 200.2 159.6 239.4





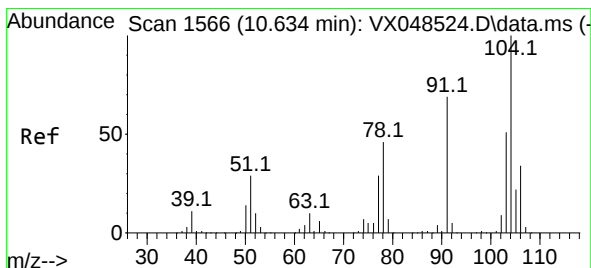
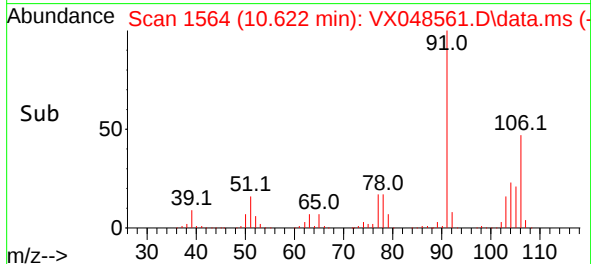
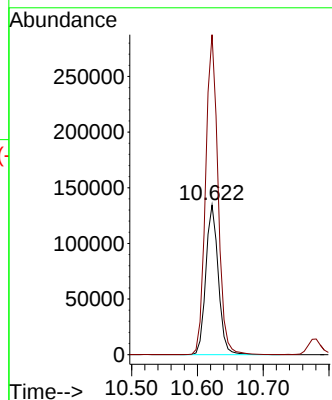
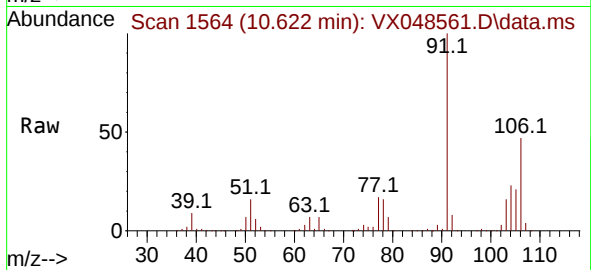
#69
o-Xylene
Concen: 49.087 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 177169
Ion Ratio Lower Upper
106 100
91 212.6 106.4 319.2

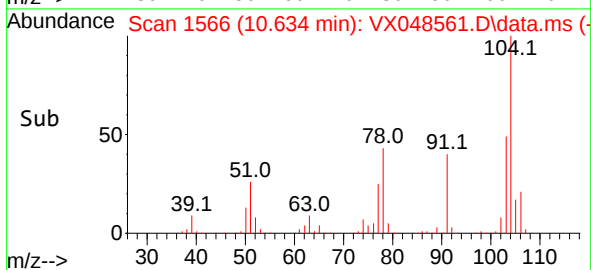
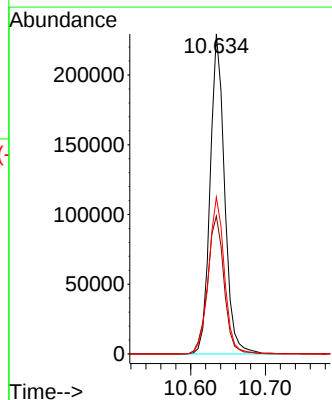
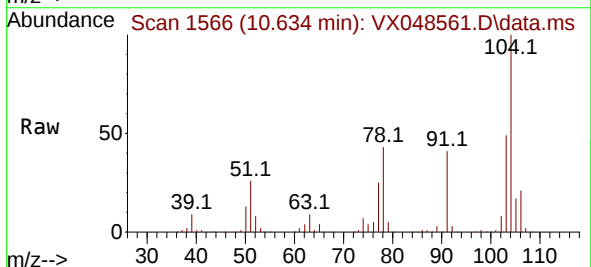
Manual Integrations
APPROVED

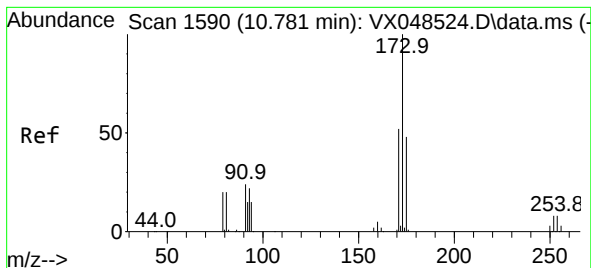
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#70
Styrene
Concen: 51.030 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion:104 Resp: 308967
Ion Ratio Lower Upper
104 100
78 48.9 39.4 59.2
103 53.7 43.1 64.7





#71

Bromoform

Concen: 49.908 ug/l

RT: 10.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

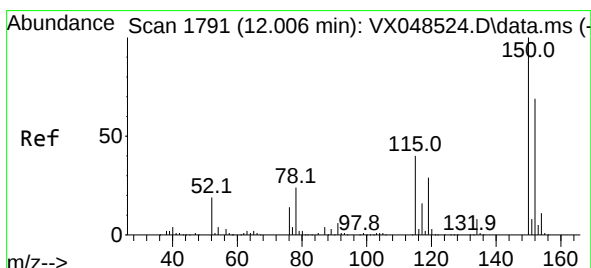
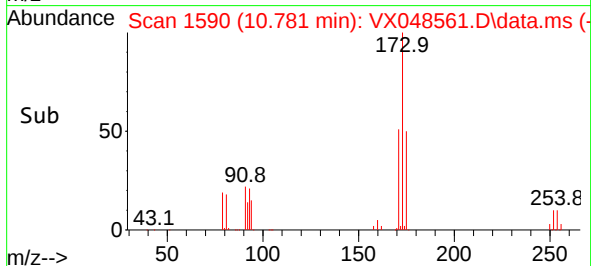
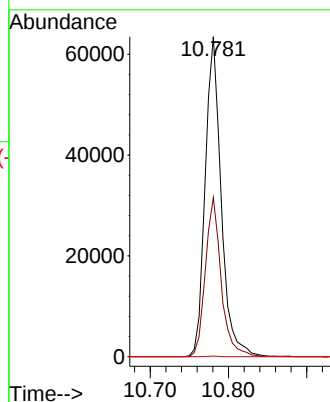
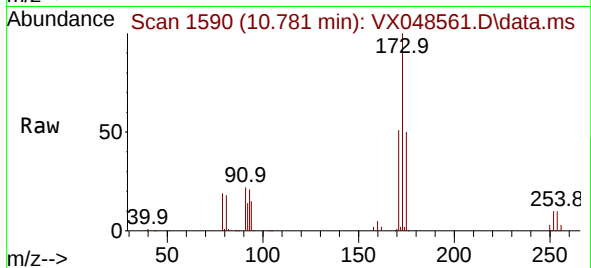
Tgt Ion:173 Resp: 89990
 Ion Ratio Lower Upper
 173 100
 175 49.2 24.4 73.4
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

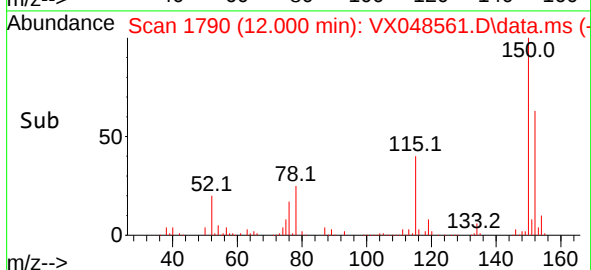
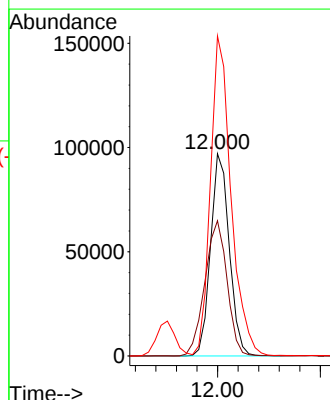
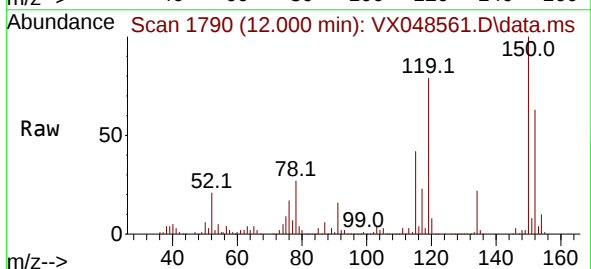
RT: 12.000 min Scan# 1790

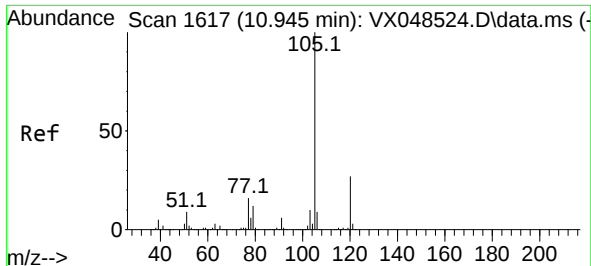
Delta R.T. -0.006 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

Tgt Ion:152 Resp: 122264
 Ion Ratio Lower Upper
 152 100
 115 79.5 39.2 117.6
 150 174.3 0.0 347.0





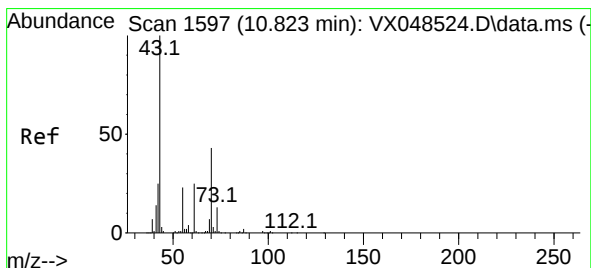
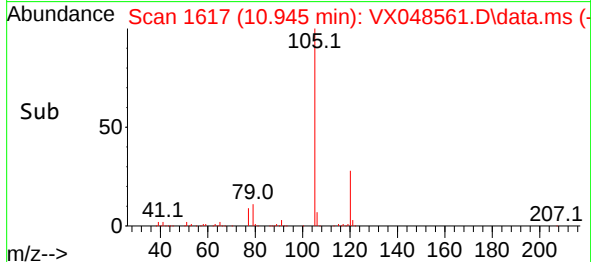
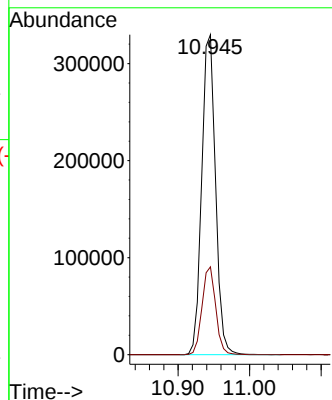
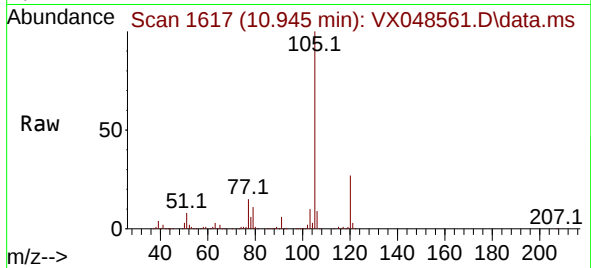
#73
Isopropylbenzene
Concen: 49.765 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 441649
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7

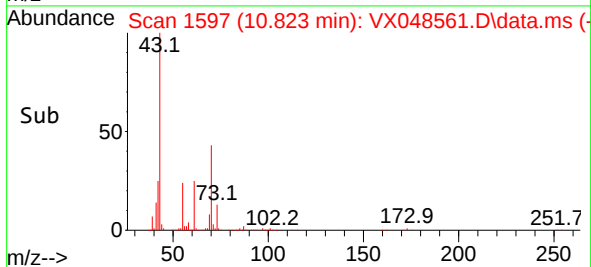
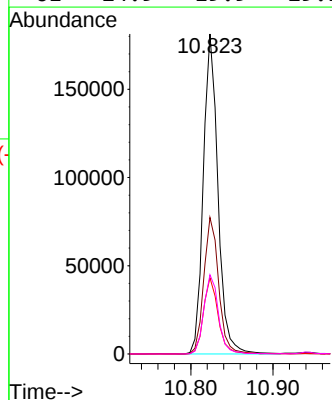
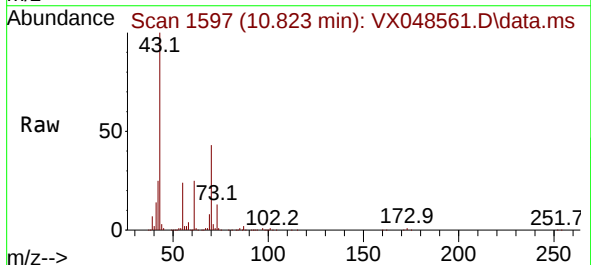
Manual Integrations
APPROVED

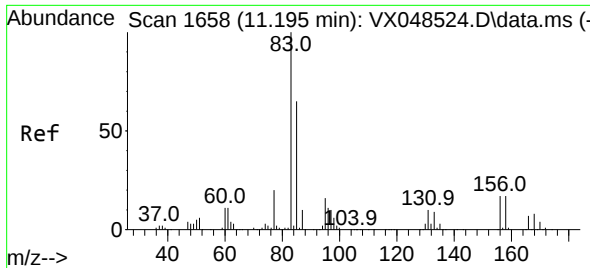
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#74
N-ethyl acetate
Concen: 50.324 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 43 Resp: 224247
Ion Ratio Lower Upper
43 100
70 43.4 35.1 52.7
55 24.0 19.3 28.9
61 24.9 19.9 29.9





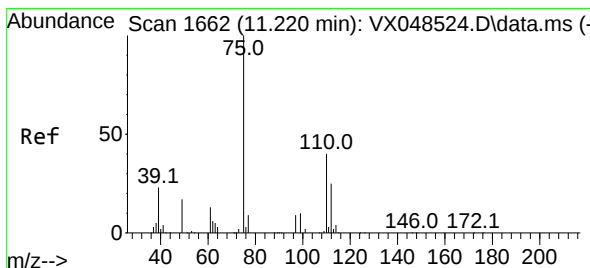
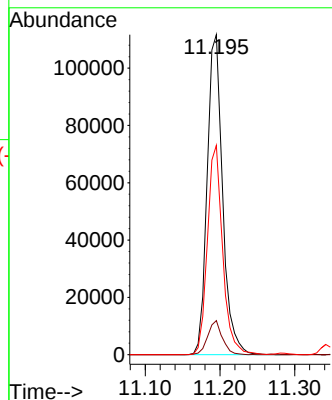
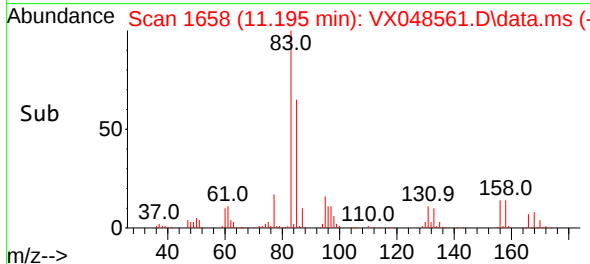
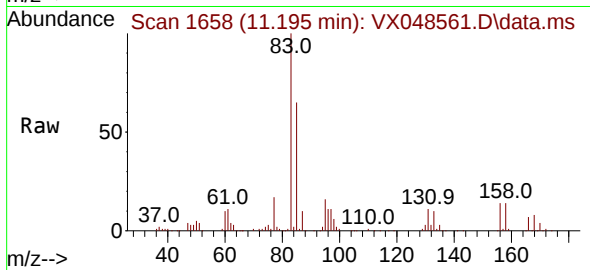
#75
1,1,2,2-Tetrachloroethane
Concen: 51.185 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 16019
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 64.5 32.3 96.8

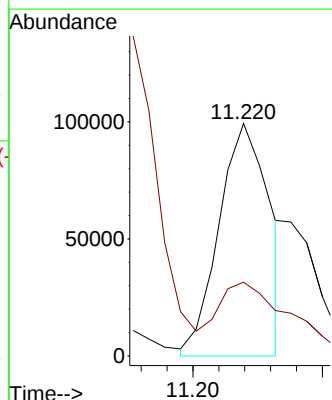
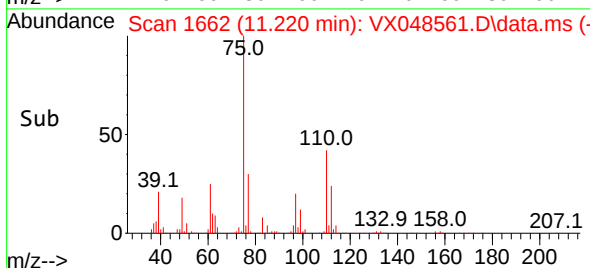
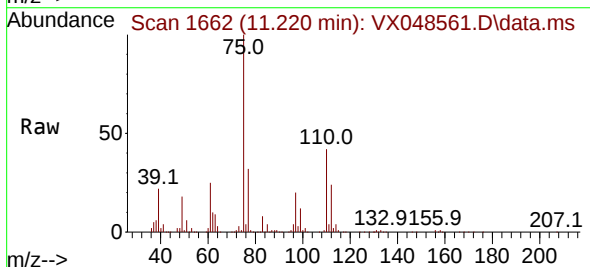
Manual Integrations
APPROVED

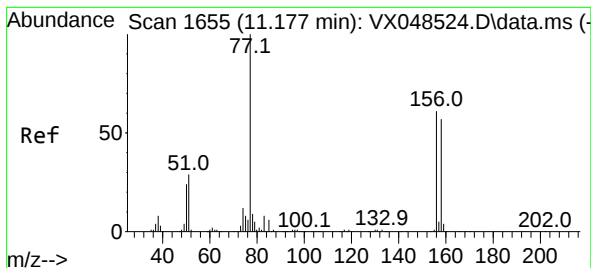
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#76
1,2,3-Trichloropropane
Concen: 45.676 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 75 Resp: 134539
Ion Ratio Lower Upper
75 100
77 45.4 24.3 72.8





#77

Bromobenzene

Concen: 50.468 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. -0.000 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

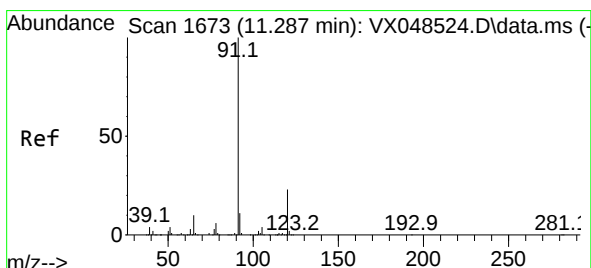
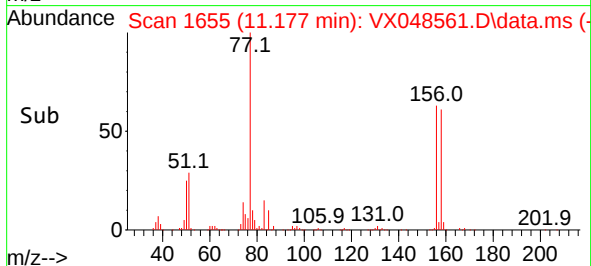
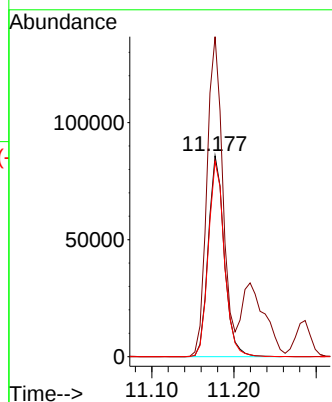
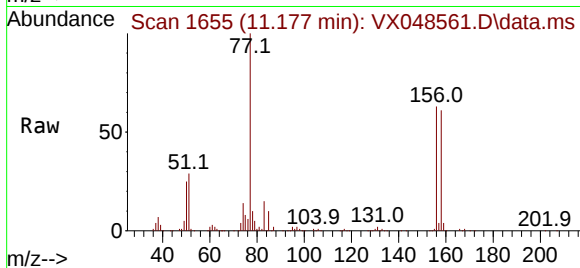
Tgt Ion	Ratio	Lower	Upper
156	100		
77	158.3	78.1	234.4
158	97.7	48.5	145.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#78

n-propylbenzene

Concen: 48.986 ug/l

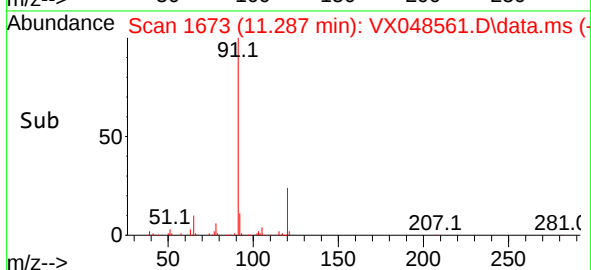
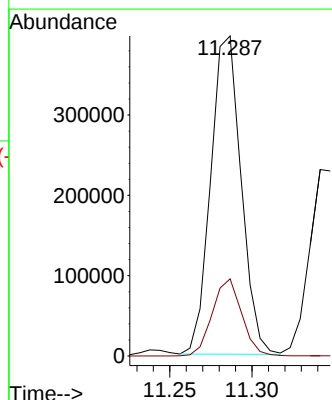
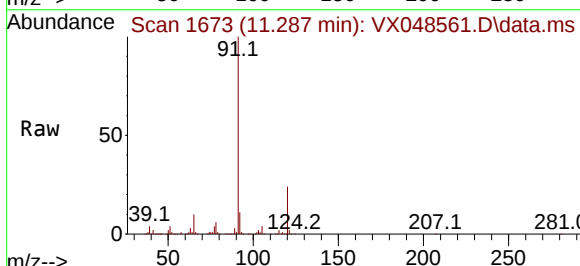
RT: 11.287 min Scan# 1673

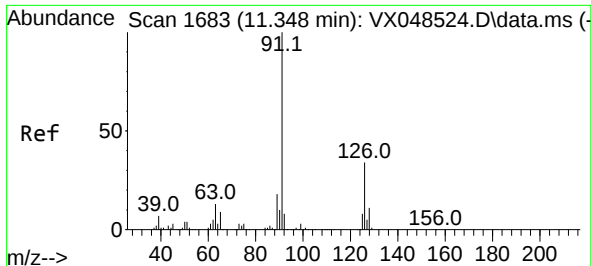
Delta R.T. -0.000 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.6	34.8





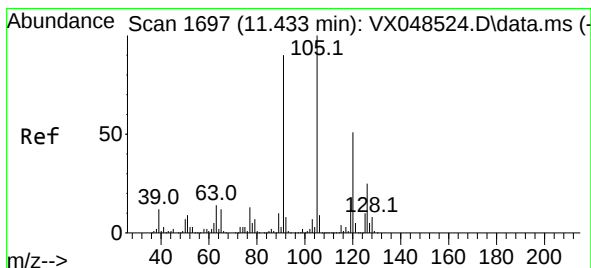
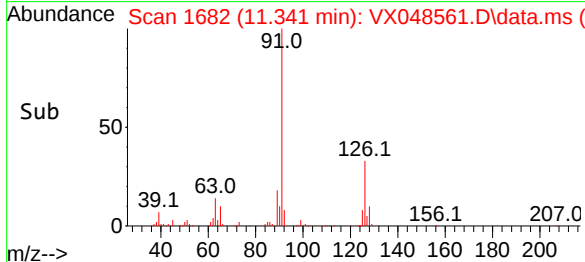
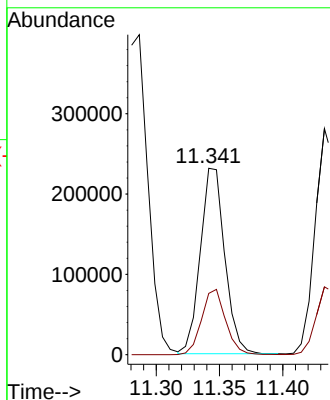
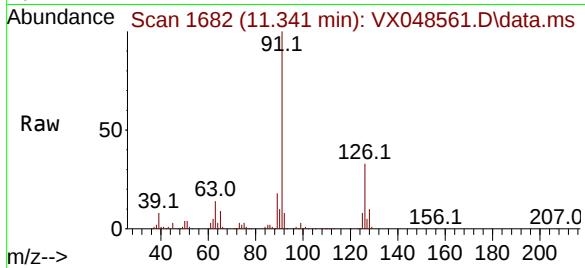
#79
2-Chlorotoluene
Concen: 49.330 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 311058
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2

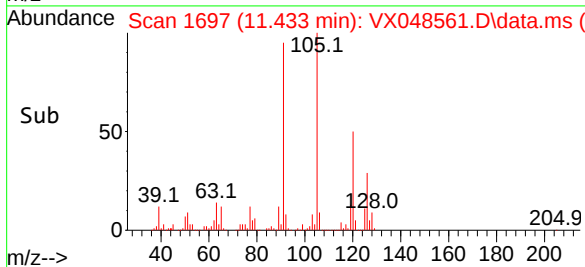
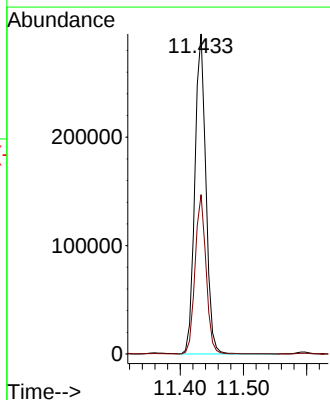
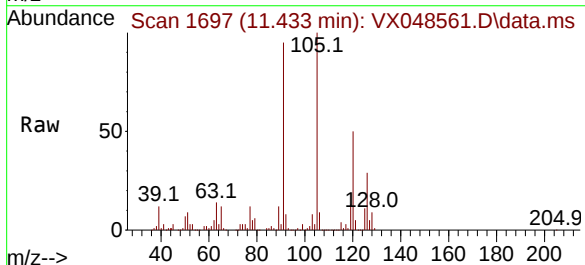
Manual Integrations
APPROVED

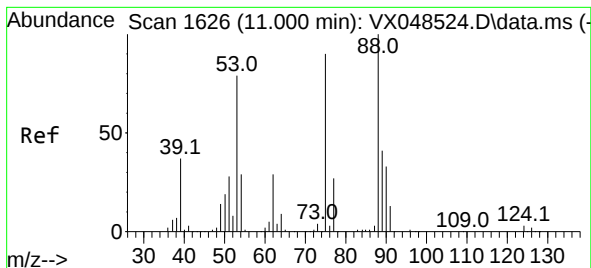
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.619 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion:105 Resp: 358986
Ion Ratio Lower Upper
105 100
120 49.3 25.1 75.2





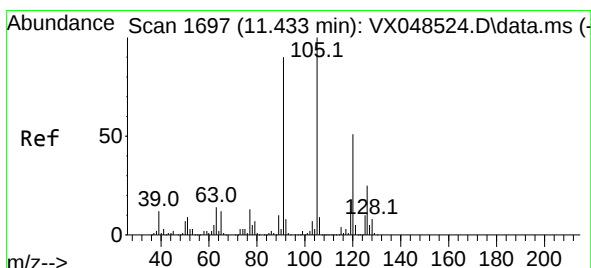
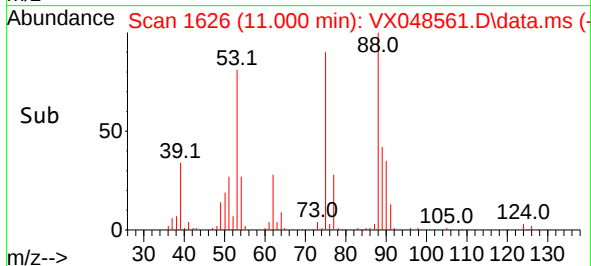
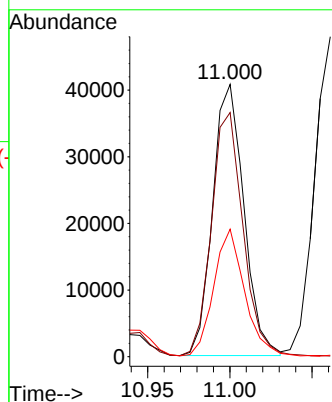
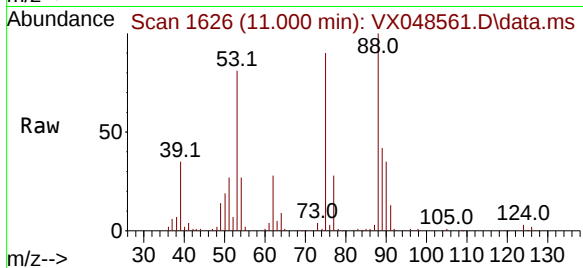
#81
trans-1,4-Dichloro-2-butene
Concen: 52.116 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 5366
Ion Ratio Lower Upper
75 100
53 92.1 72.4 108.6
89 46.6 43.6 65.4

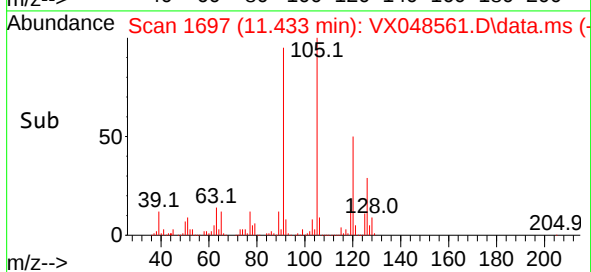
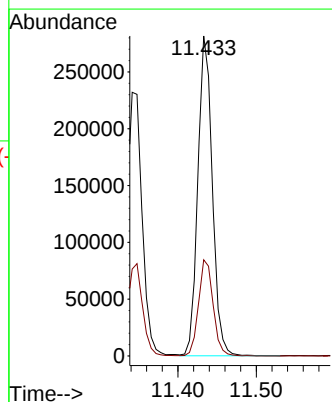
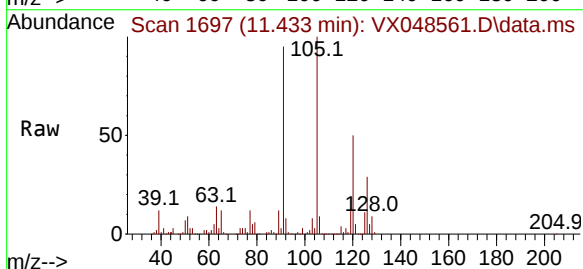
Manual Integrations
APPROVED

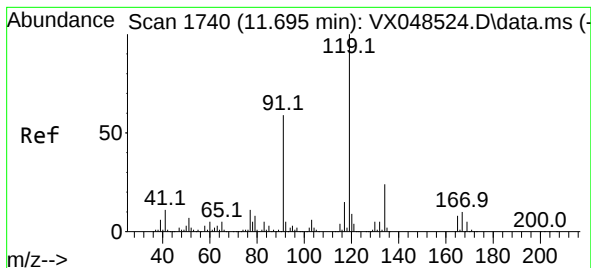
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#82
4-Chlorotoluene
Concen: 48.947 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 91 Resp: 362047
Ion Ratio Lower Upper
91 100
126 30.4 14.9 44.7





#83

tert-Butylbenzene

Concen: 48.508 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 362985

Ion Ratio Lower Upper

119 100

91 56.4 27.1 81.3

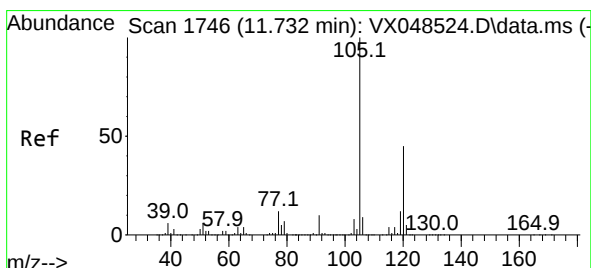
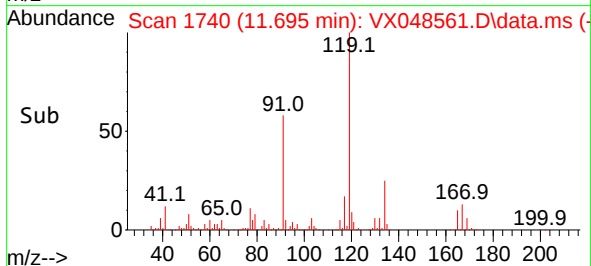
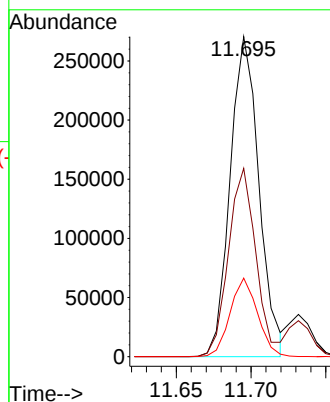
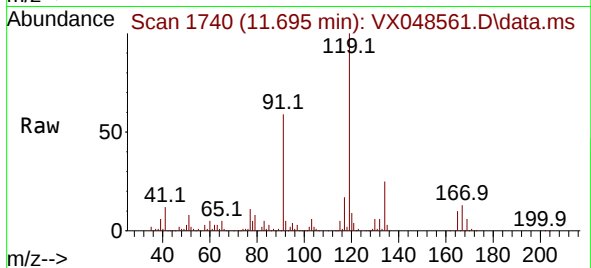
134 23.5 11.4 34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#84

1,2,4-Trimethylbenzene

Concen: 49.811 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. -0.000 min

Lab File: VX048561.D

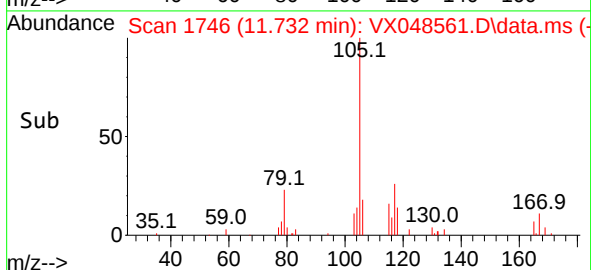
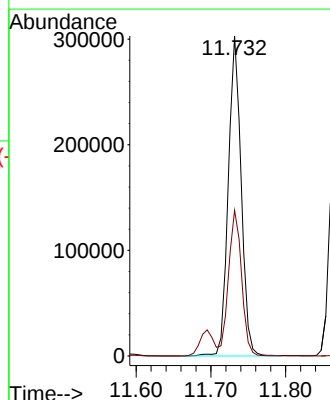
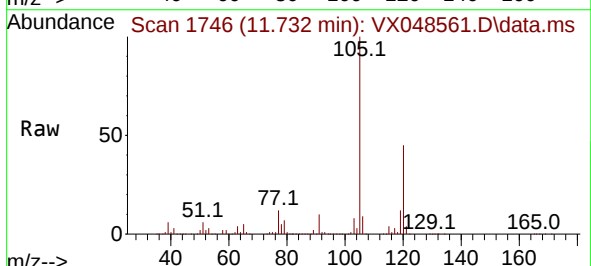
Acq: 11 Nov 2025 15:06

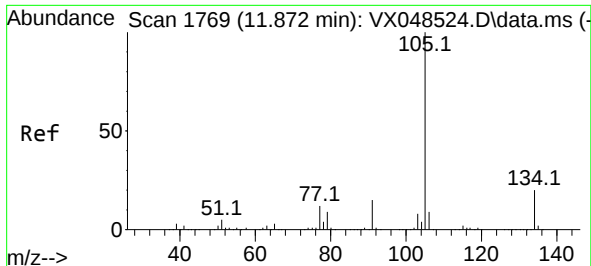
Tgt Ion:105 Resp: 363610

Ion Ratio Lower Upper

105 100

120 46.3 22.4 67.0





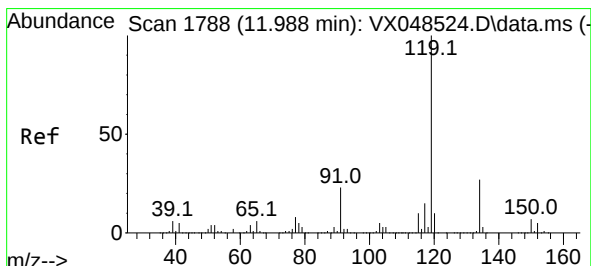
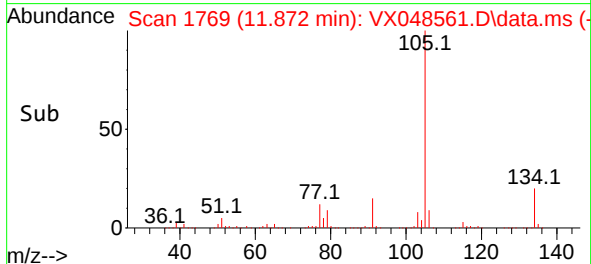
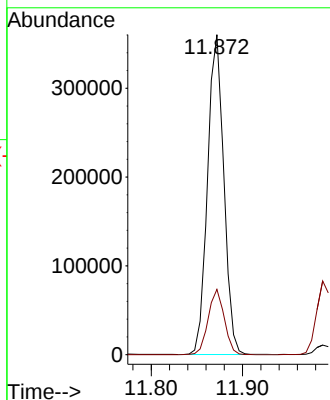
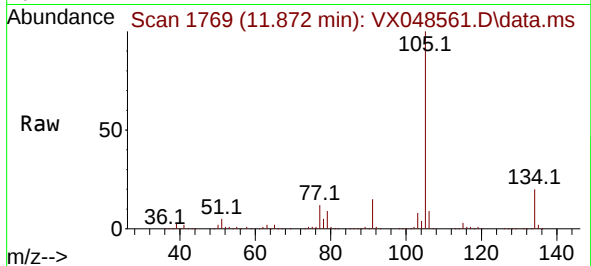
#85
 sec-Butylbenzene
 Concen: 48.011 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048561.D
 Acq: 11 Nov 2025 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 444036
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

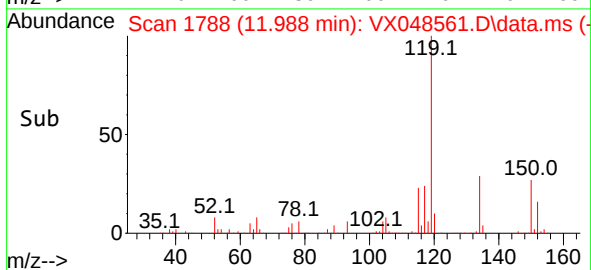
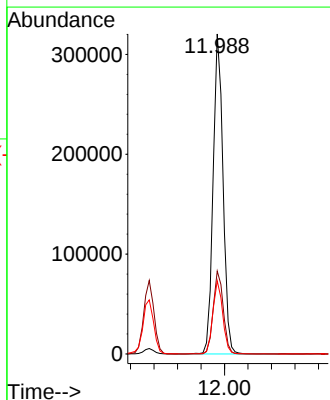
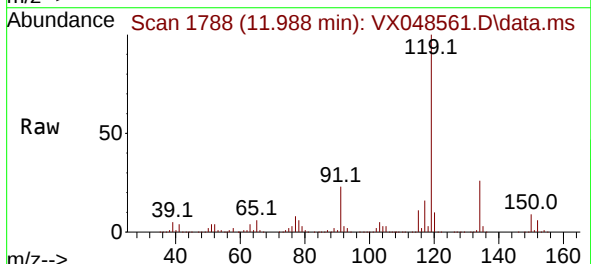
Manual Integrations
 APPROVED

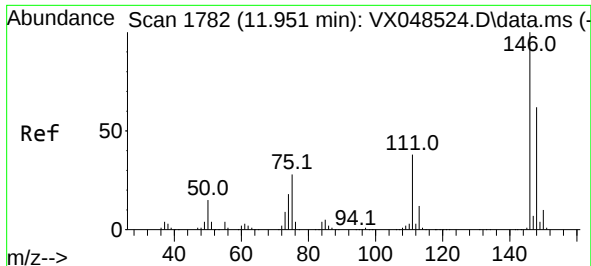
Reviewed By :John Carlone 11/12/2025
 Supervised By :Mahesh Dadoda 11/12/2025



#86
 p-Isopropyltoluene
 Concen: 48.273 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048561.D
 Acq: 11 Nov 2025 15:06

Tgt Ion:119 Resp: 375343
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 22.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.057 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

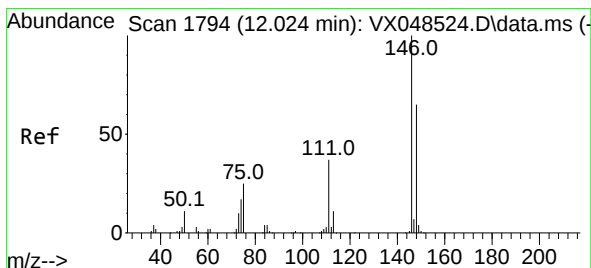
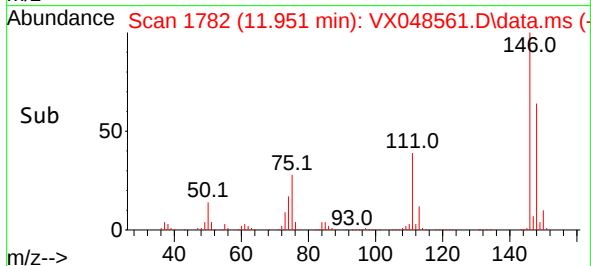
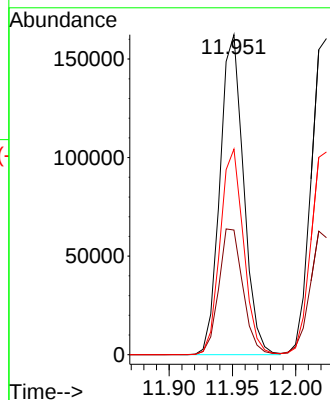
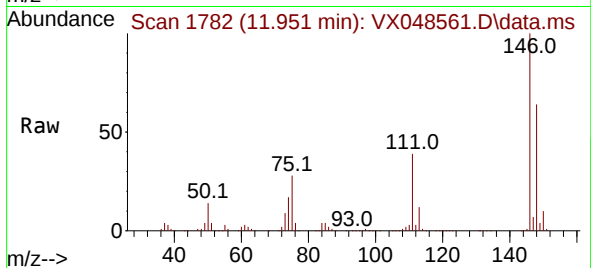
Tgt Ion:146 Resp: 210704
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.8 59.4
 148 63.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2025

Supervised By :Mahesh Dadoda 11/12/2025



#88

1,4-Dichlorobenzene

Concen: 48.307 ug/l

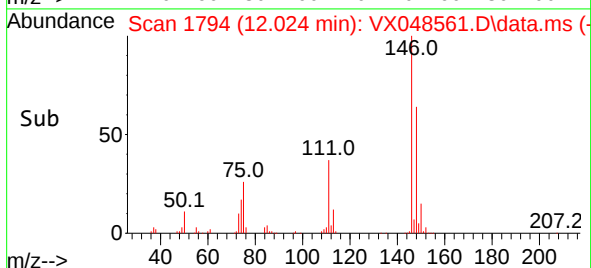
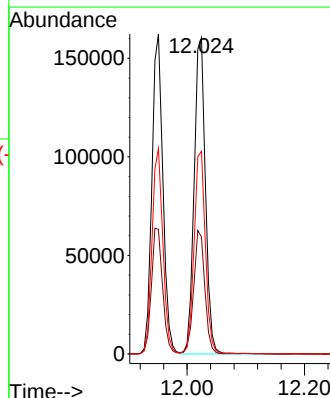
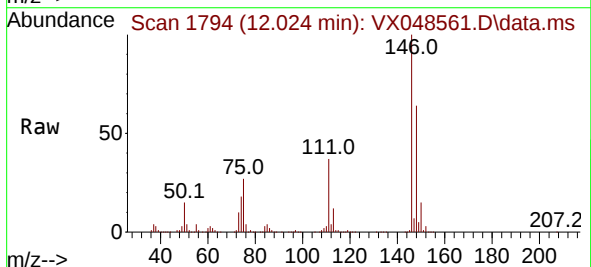
RT: 12.024 min Scan# 1794

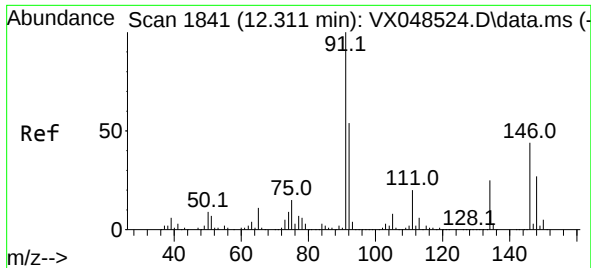
Delta R.T. -0.000 min

Lab File: VX048561.D

Acq: 11 Nov 2025 15:06

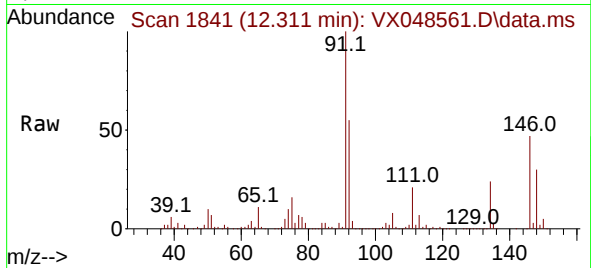
Tgt Ion:146 Resp: 214313
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.2 57.6
 148 63.9 31.9 95.9





#89
n-Butylbenzene
Concen: 48.601 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

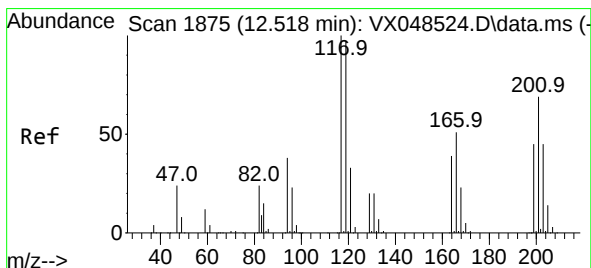
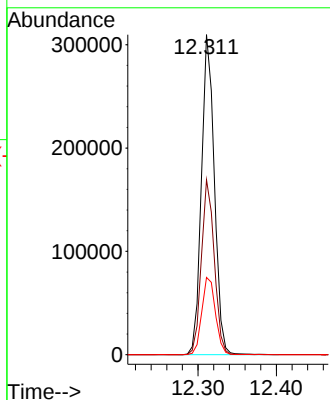
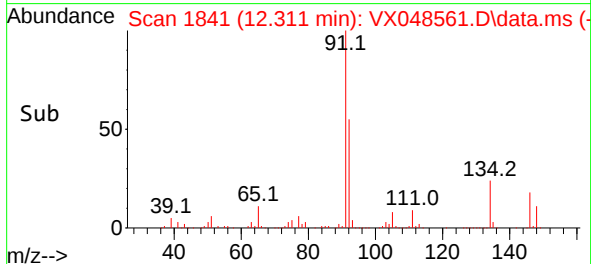
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 35450
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.5
134 25.6 13.0 39.0

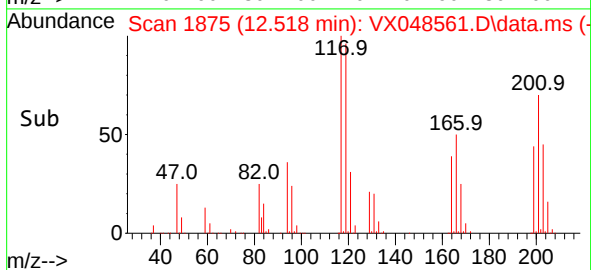
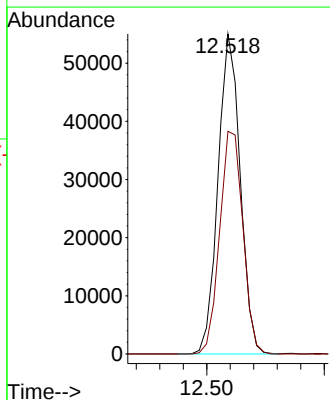
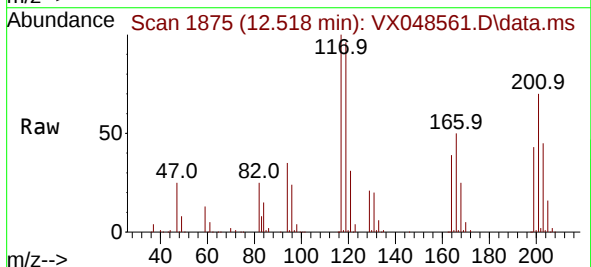
Manual Integrations
APPROVED

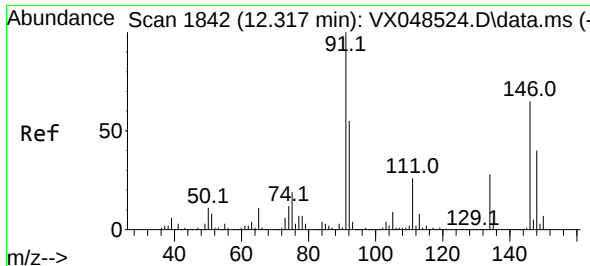
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#90
Hexachloroethane
Concen: 48.634 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

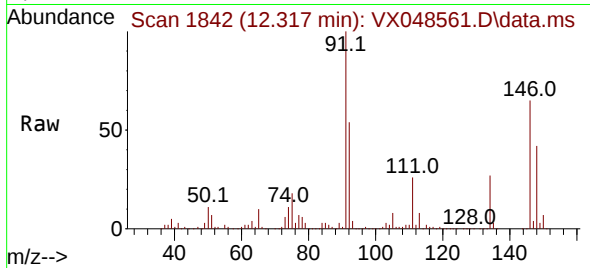
Tgt Ion:117 Resp: 72048
Ion Ratio Lower Upper
117 100
201 72.9 35.9 107.8





#91
1,2-Dichlorobenzene
Concen: 51.724 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

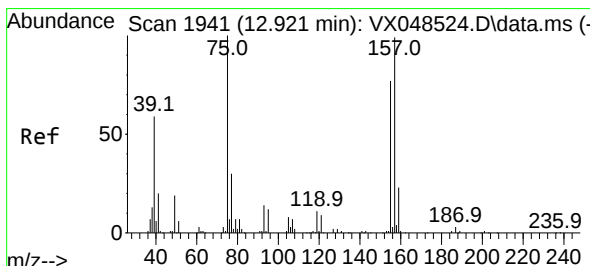
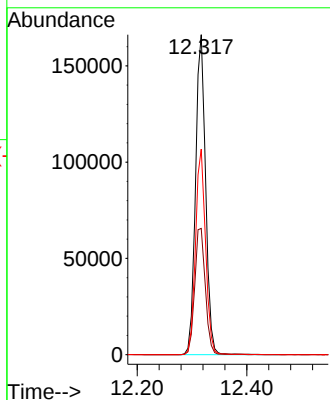
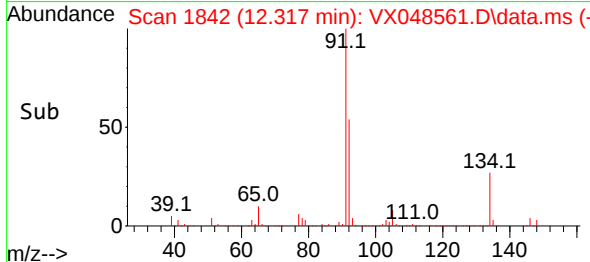
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 213269
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.9
148 64.1 31.4 94.2

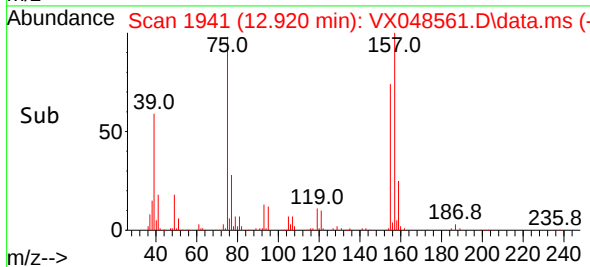
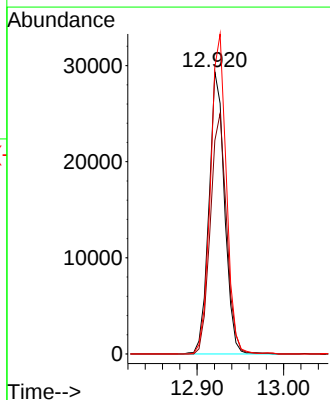
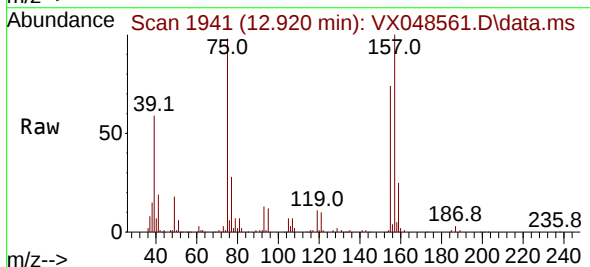
Manual Integrations
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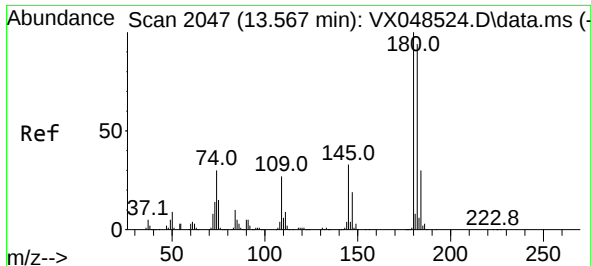
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.474 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

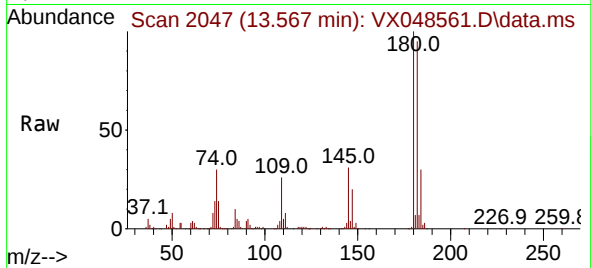
Tgt Ion: 75 Resp: 36710
Ion Ratio Lower Upper
75 100
155 88.7 43.5 130.7
157 114.9 54.8 164.4





#93
1,2,4-Trichlorobenzene
Concen: 45.340 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

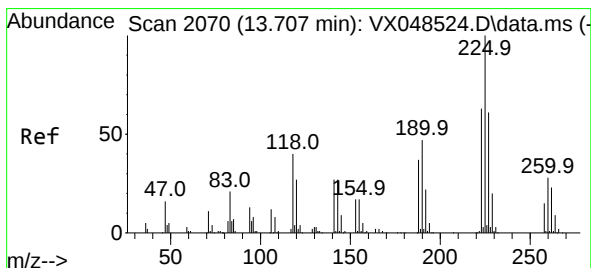
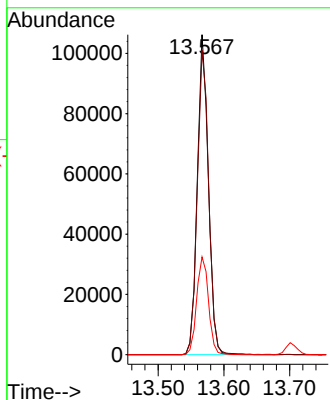
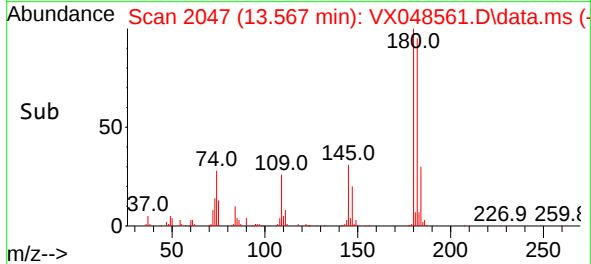
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 124229
Ion Ratio Lower Upper
180 100
182 98.1 47.5 142.6
145 32.6 15.9 47.7

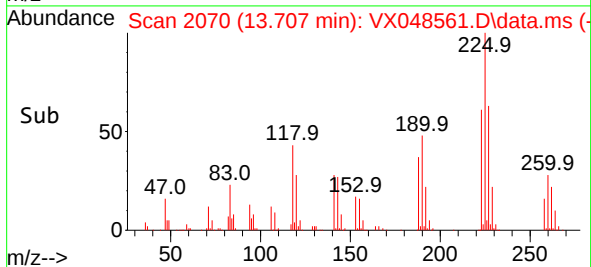
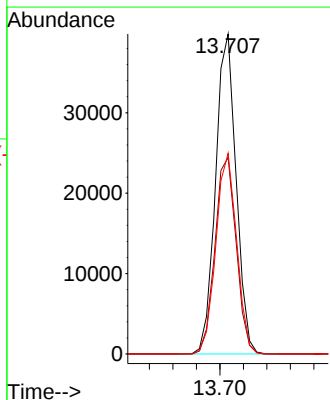
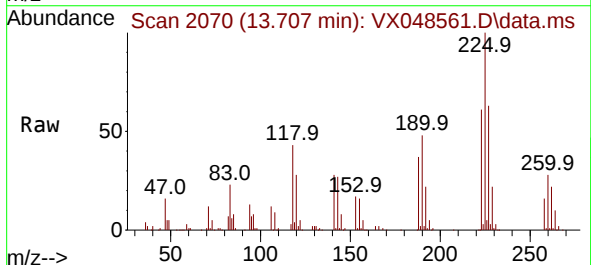
Manual Integrations
APPROVED

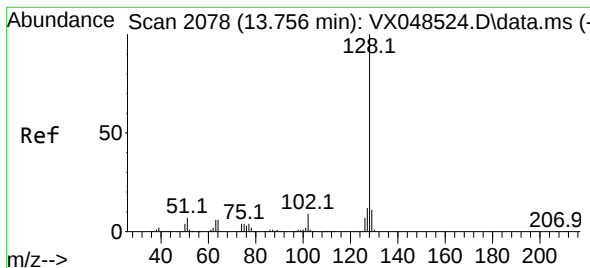
Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#94
Hexachlorobutadiene
Concen: 42.213 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

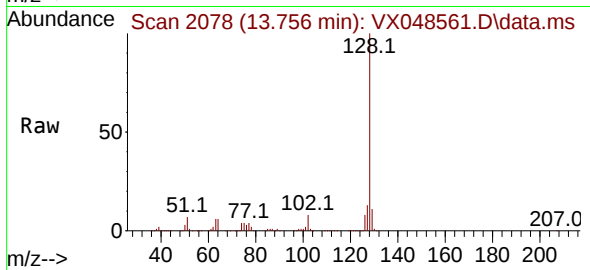
Tgt Ion:225 Resp: 48350
Ion Ratio Lower Upper
225 100
223 63.5 30.6 92.0
227 63.3 32.5 97.4





#95
Naphthalene
Concen: 50.944 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

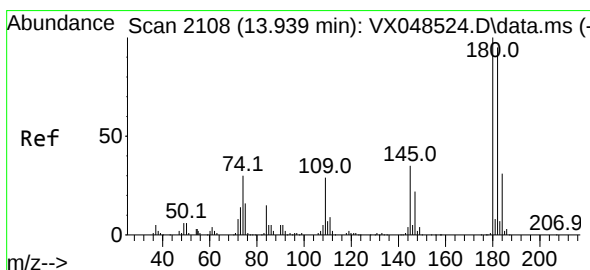
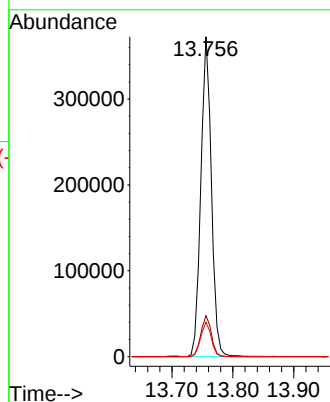
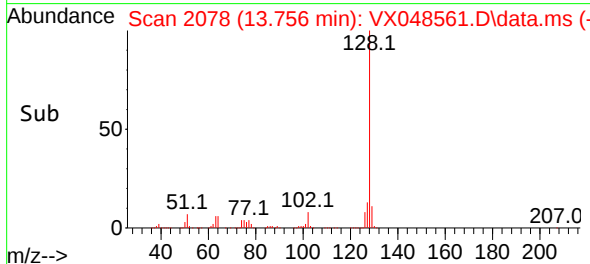
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 448780
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2025
Supervised By :Mahesh Dadoda 11/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.413 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048561.D
Acq: 11 Nov 2025 15:06

Tgt Ion:180 Resp: 120834
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 33.2 16.7 50.0

