

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048153.D
 Acq On : 14 Oct 2025 10:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/15/2025
 Supervised By : Mahesh Dadoda 10/16/2025

Quant Time: Oct 15 02:39:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	124958	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	212282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	195629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	95000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105555	53.069	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.140%			
35) Dibromofluoromethane	5.367	113	83107	58.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.740%			
50) Toluene-d8	8.634	98	273280	55.475	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.940%			
62) 4-Bromofluorobenzene	11.061	95	104295	55.785	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	83323	64.394	ug/l	99
3) Chloromethane	1.300	50	94592	55.622	ug/l	99
4) Vinyl Chloride	1.380	62	105820	63.566	ug/l	99
5) Bromomethane	1.611	94	64973	61.550	ug/l	99
6) Chloroethane	1.691	64	64713	58.162	ug/l	97
7) Trichlorofluoromethane	1.892	101	161648	65.398	ug/l	97
8) Diethyl Ether	2.136	74	53778	53.186	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	89852	62.168	ug/l	99
10) Methyl Iodide	2.453	142	99997	44.362	ug/l	98
11) Tert butyl alcohol	2.940	59	47281	213.436	ug/l	98
12) 1,1-Dichloroethene	2.325	96	87694	59.068	ug/l	93
13) Acrolein	2.233	56	56174	275.177	ug/l	99
14) Allyl chloride	2.666	41	155995	50.919	ug/l	99
15) Acrylonitrile	3.056	53	208181	253.713	ug/l	99
16) Acetone	2.373	43	198490	229.513	ug/l	98
17) Carbon Disulfide	2.514	76	260707	64.145	ug/l	98
18) Methyl Acetate	2.697	43	85646	44.499	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	271738	50.140	ug/l	100
20) Methylene Chloride	2.788	84	97302	53.153	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	92192	57.678	ug/l	97
22) Diisopropyl ether	3.745	45	312969	52.712	ug/l	89
23) Vinyl Acetate	3.709	43	1187970	249.999	ug/l	100
24) 1,1-Dichloroethane	3.599	63	170542	54.042	ug/l	100
25) 2-Butanone	4.532	43	247988	229.881	ug/l	99
26) 2,2-Dichloropropane	4.465	77	139256	53.086	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	104261	53.263	ug/l	99
28) Bromochloromethane	4.879	49	66003	47.909	ug/l	99
29) Tetrahydrofuran	4.983	42	152425	234.875	ug/l	99
30) Chloroform	5.074	83	174306	54.659	ug/l	97
31) Cyclohexane	5.452	56	146119	55.594	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	153370	56.700	ug/l	98
36) 1,1-Dichloropropene	5.672	75	117898	56.673	ug/l	99
37) Ethyl Acetate	4.690	43	106836	47.964	ug/l	99
38) Carbon Tetrachloride	5.659	117	136874	60.555	ug/l	97
39) Methylcyclohexane	7.366	83	140080	59.319	ug/l	96
40) Benzene	6.019	78	356505	56.422	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	59489	51.733	ug/l	98
42) 1,2-Dichloroethane	6.068	62	131107	54.535	ug/l	99
43) Isopropyl Acetate	6.318	43	171708	47.003	ug/l	100
44) Trichloroethene	7.104	130	88141	57.700	ug/l	93
45) 1,2-Dichloropropane	7.409	63	89187	55.124	ug/l	98
46) Dibromomethane	7.562	93	64264	54.583	ug/l	98
47) Bromodichloromethane	7.799	83	139683	57.493	ug/l	98
48) Methyl methacrylate	7.671	41	87675	48.182	ug/l	96
49) 1,4-Dioxane	7.641	88	19859	1079.897	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	499181	246.453	ug/l	99
52) Toluene	8.702	92	218251	56.065	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	132903	53.629	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	145065	54.766	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	80937	53.920	ug/l	99
56) Ethyl methacrylate	9.098	69	117815	49.978	ug/l	98
57) 1,3-Dichloropropane	9.293	76	141969	55.058	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	288271	255.570	ug/l	100
59) 2-Hexanone	9.415	43	347109	238.613	ug/l	99
60) Dibromochloromethane	9.500	129	100375	58.035	ug/l	98
61) 1,2-Dibromoethane	9.592	107	83730	54.765	ug/l	100
64) Tetrachloroethene	9.256	164	74940	58.763	ug/l	98
65) Chlorobenzene	10.061	112	241798	54.406	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	86732	56.554	ug/l	100
67) Ethyl Benzene	10.177	91	423004	55.162	ug/l	100
68) m/p-Xylenes	10.281	106	318453	111.573	ug/l	99
69) o-Xylene	10.622	106	147504	53.430	ug/l	98
70) Styrene	10.640	104	258201	53.377	ug/l	99
71) Bromoform	10.780	173	61853	54.014	ug/l #	98
73) Isopropylbenzene	10.945	105	379155	52.496	ug/l	99
74) N-amyl acetate	10.823	43	150652	45.741	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	107774	49.321	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	97890m	50.893	ug/l	
77) Bromobenzene	11.183	156	91421	51.393	ug/l	96
78) n-propylbenzene	11.286	91	457693	53.607	ug/l	100
79) 2-Chlorotoluene	11.347	91	269324	51.503	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	312991	52.746	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	35151	46.604	ug/l	98
82) 4-Chlorotoluene	11.433	91	319730	51.769	ug/l	99
83) tert-Butylbenzene	11.695	119	302438	49.789	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	314796	52.326	ug/l	99
85) sec-Butylbenzene	11.872	105	379931	52.657	ug/l	100
86) p-Isopropyltoluene	11.988	119	318657	52.167	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	169017	51.154	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	170864	50.386	ug/l	100
89) n-Butylbenzene	12.311	91	293985	52.013	ug/l	98
90) Hexachloroethane	12.518	117	61342	57.198	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	159552	50.687	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	19922	45.030	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	97532	47.675	ug/l	99
94) Hexachlorobutadiene	13.707	225	34324	49.395	ug/l	99
95) Naphthalene	13.756	128	283930	45.578	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	91741	48.208	ug/l	99

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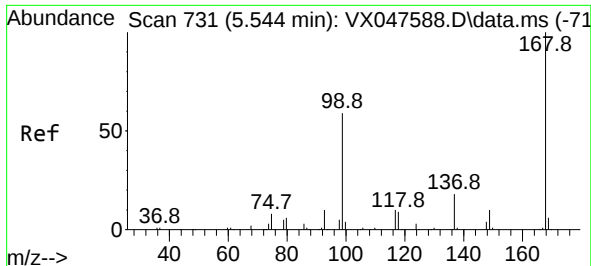
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

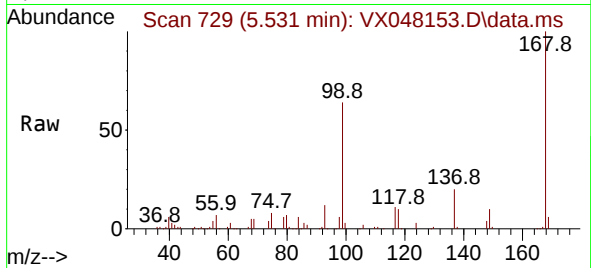
Quant Time: Oct 15 02:39:01 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

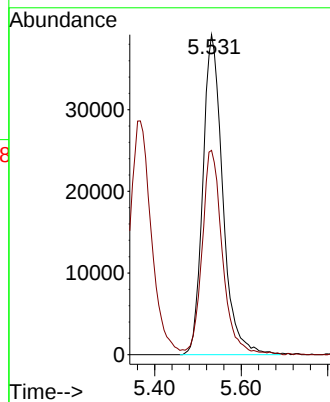
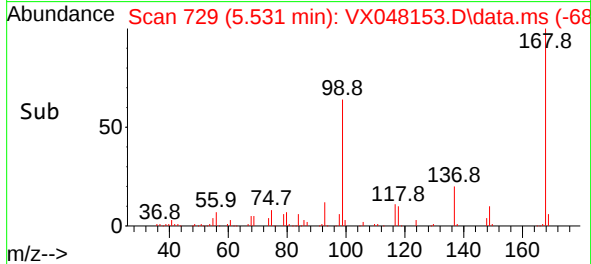
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 124958
Ion Ratio Lower Upper
168 100
99 63.6 48.8 73.2

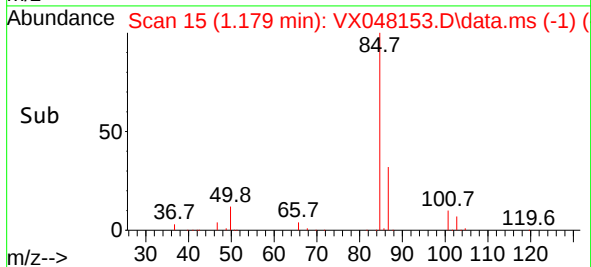
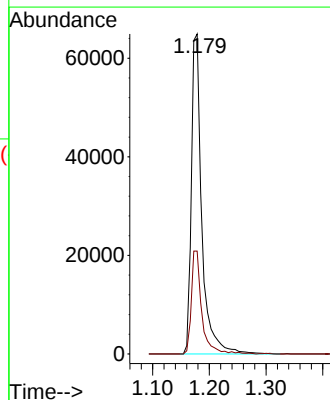
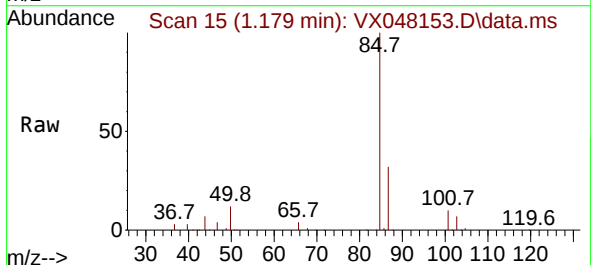
Manual Integrations
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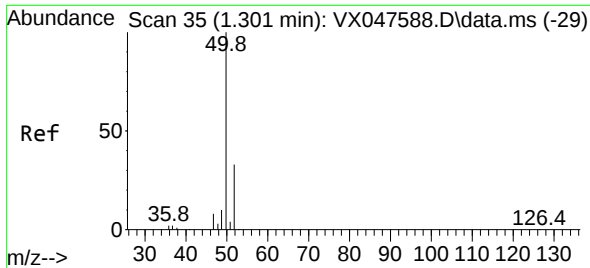
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#2
Dichlorodifluoromethane
Concen: 64.394 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 85 Resp: 83323
Ion Ratio Lower Upper
85 100
87 32.1 15.8 47.3





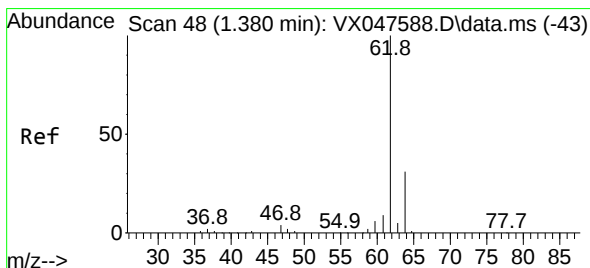
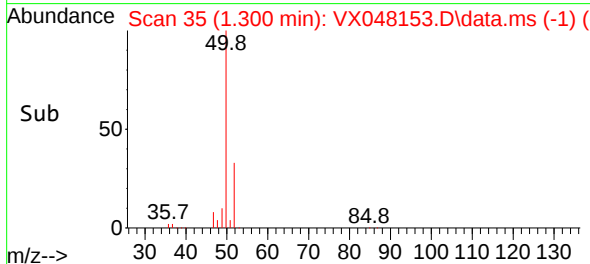
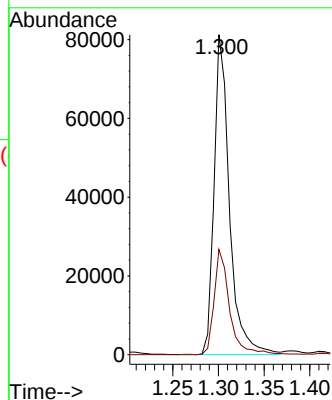
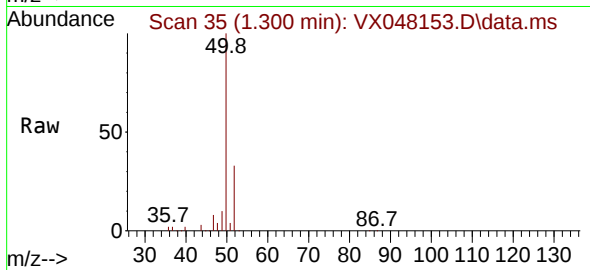
#3
Chloromethane
Concen: 55.622 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 94592
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1

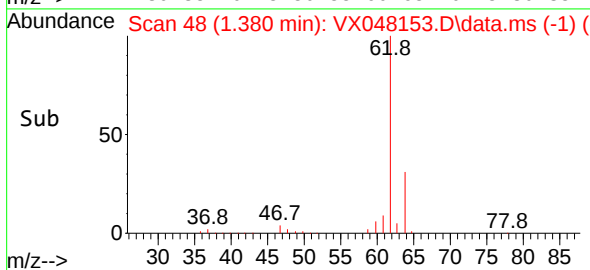
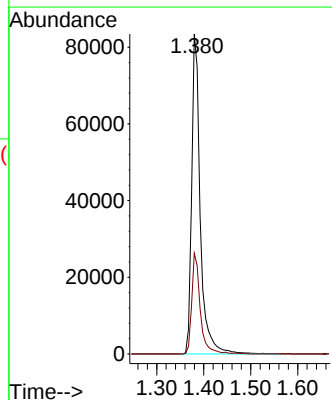
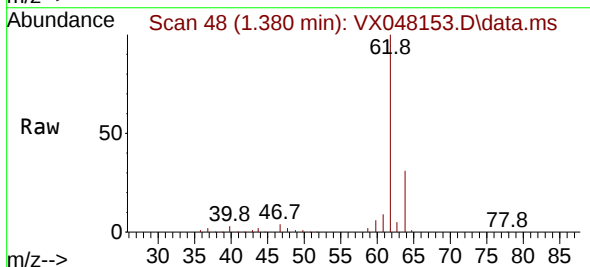
Manual Integrations
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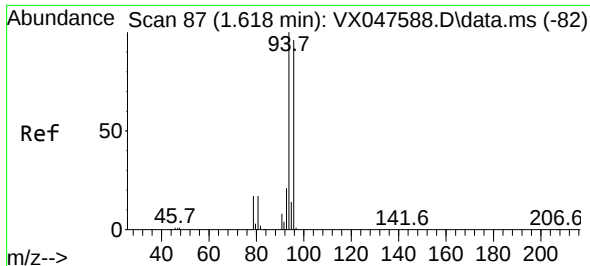
Reviewed By :John Carlone 10/15/2025
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#4
Vinyl Chloride
Concen: 63.566 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

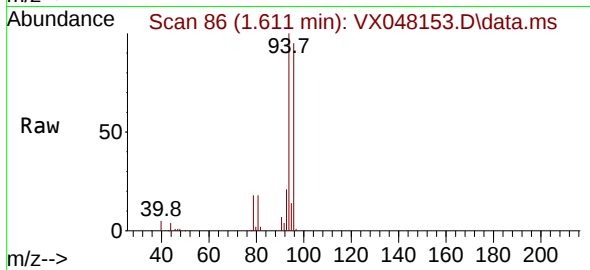
Tgt Ion: 62 Resp: 105820
Ion Ratio Lower Upper
62 100
64 31.5 24.9 37.3





#5
Bromomethane
Concen: 61.550 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

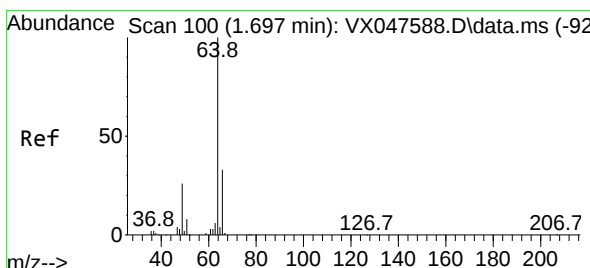
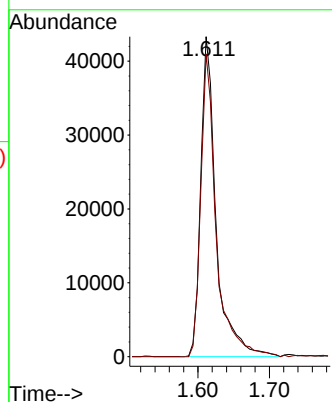
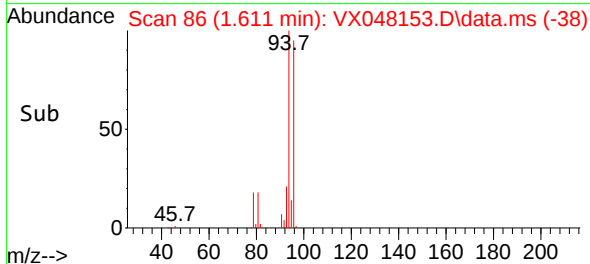
Instrument :
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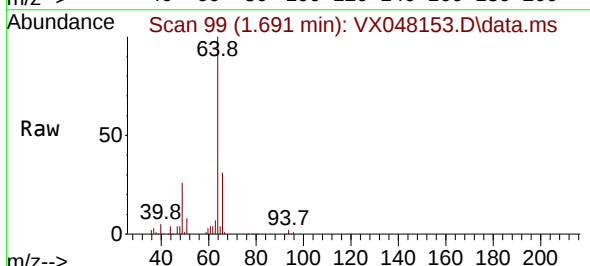
Tgt Ion: 94 Resp: 6497
Ion Ratio Lower Upper
94 100
96 94.7 76.6 115.0

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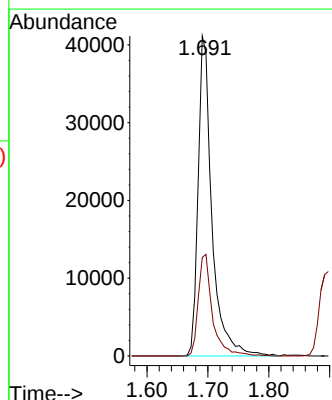
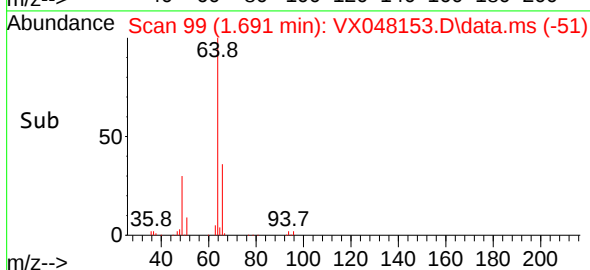
Reviewed By :John Carlone 10/15/2025
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#6
Chloroethane
Concen: 58.162 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02



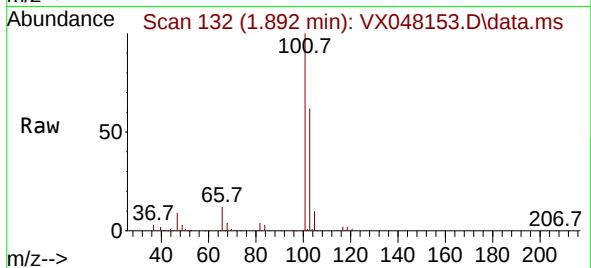
Tgt Ion: 64 Resp: 64713
Ion Ratio Lower Upper
64 100
66 30.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 65.398 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048153.D
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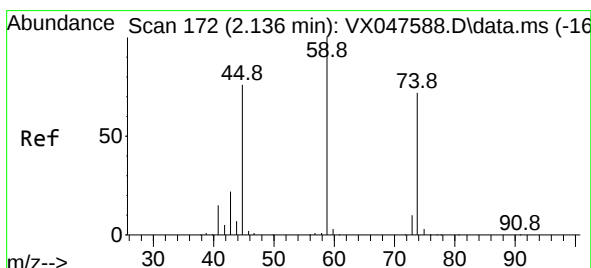
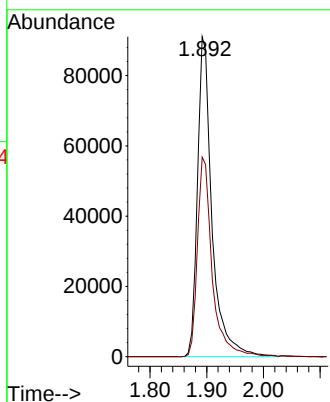
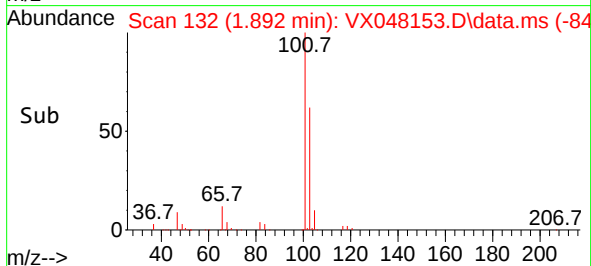
Instrument :
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Tgt Ion:101 Resp: 16164
Ion Ratio Lower Upper
101 100
103 62.3 51.4 77.2

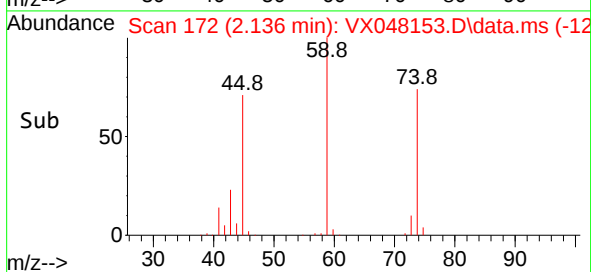
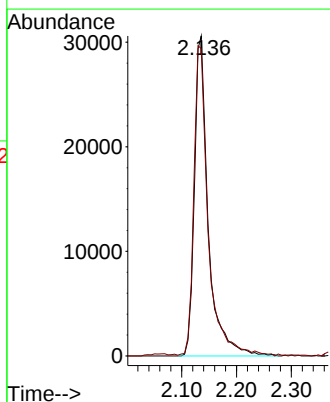
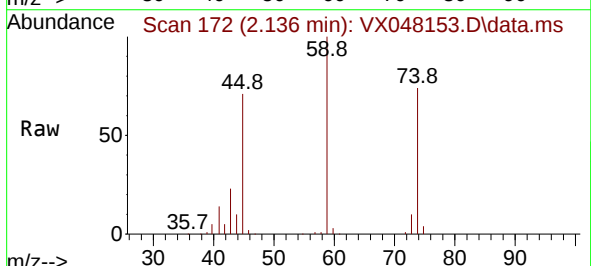
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#8
Diethyl Ether
Concen: 53.186 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 74 Resp: 53778
Ion Ratio Lower Upper
74 100
45 100.9 52.3 156.8





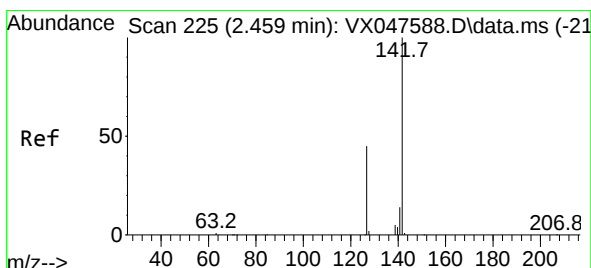
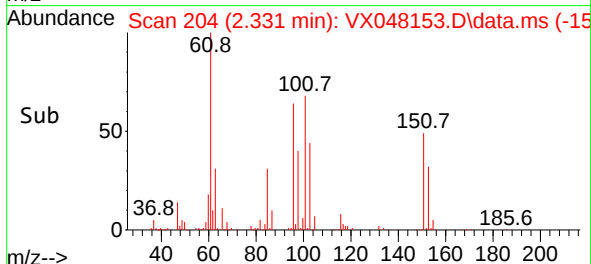
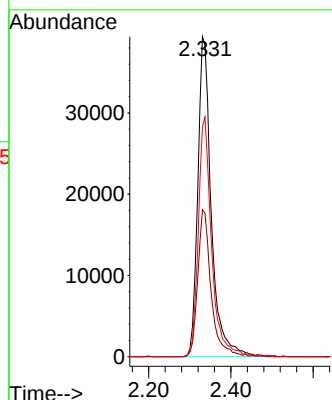
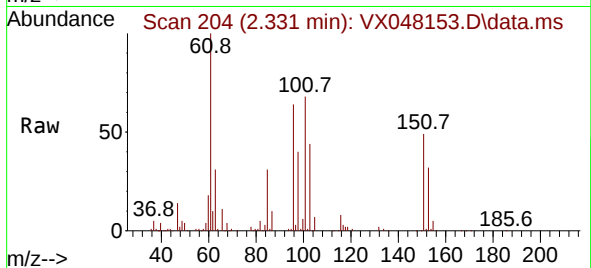
#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.168 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Instrument :
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Tgt Ion:101 Resp: 8985
Ion Ratio Lower Upper
101 100
85 45.5 35.5 53.3
151 73.7 59.4 89.0

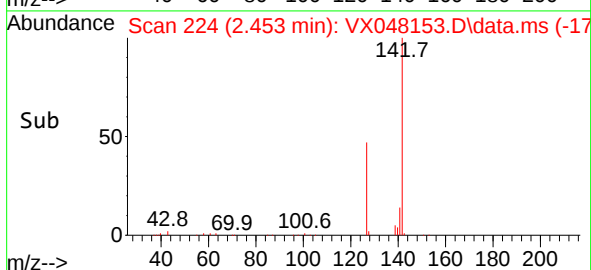
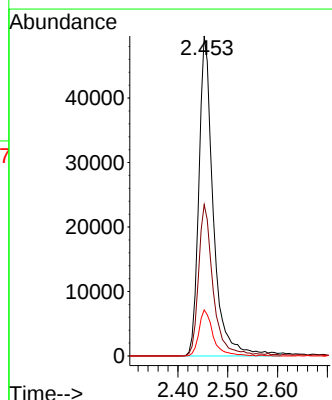
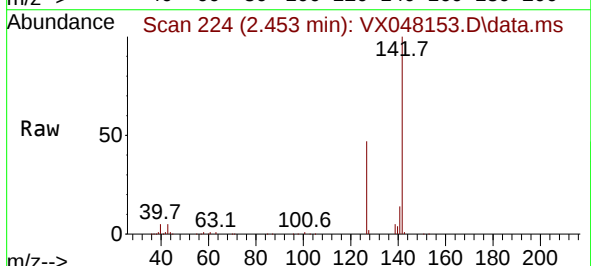
Manual Integrations
APPROVED

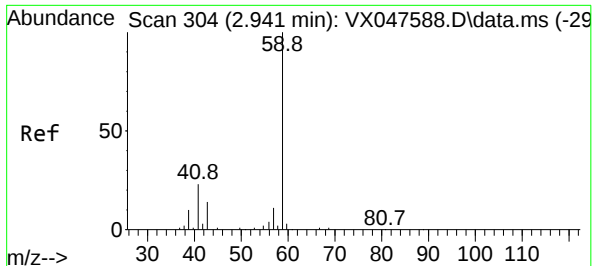
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#10
Methyl Iodide
Concen: 44.362 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

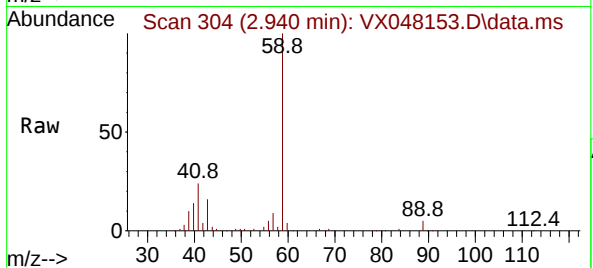
Tgt Ion:142 Resp: 99997
Ion Ratio Lower Upper
142 100
127 47.9 37.2 55.8
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 213.436 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

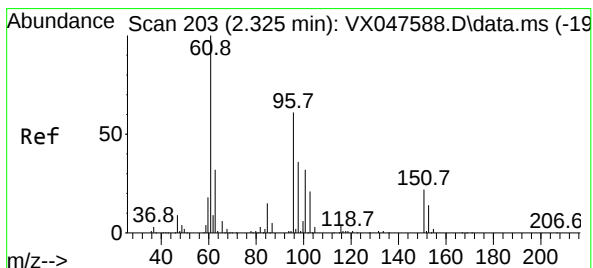
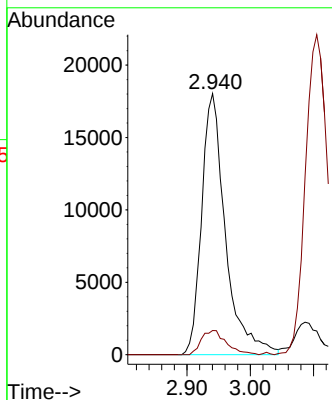
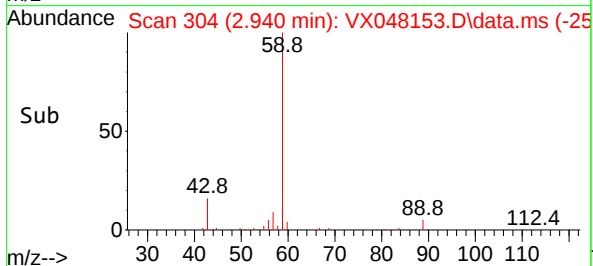
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



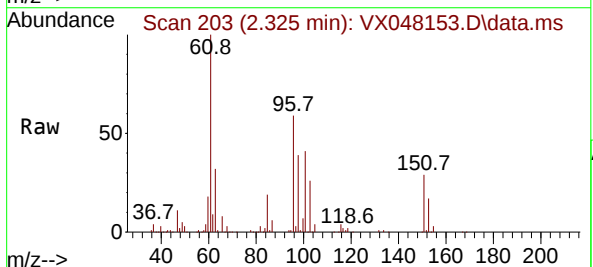
Tgt Ion: 59 Resp: 4728
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

Manual Integrations
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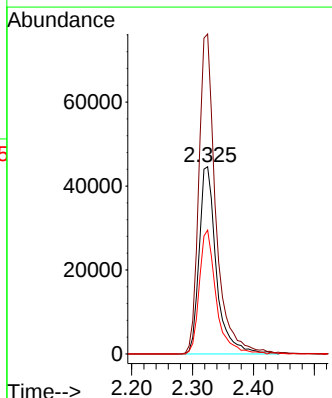
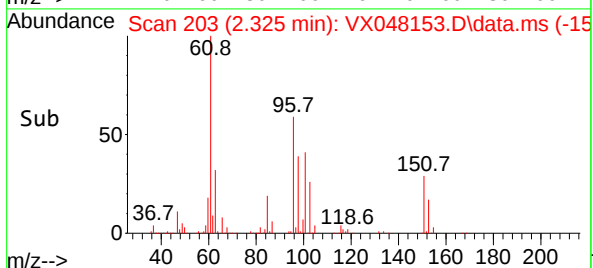
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#12
1,1-Dichloroethene
Concen: 59.068 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02



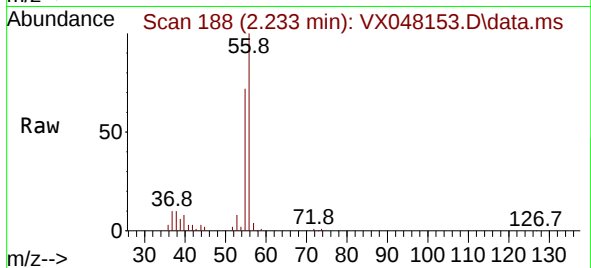
Tgt Ion: 96 Resp: 87694
Ion Ratio Lower Upper
96 100
61 170.9 131.0 196.6
98 68.0 47.7 71.5





#13
Acrolein
Concen: 275.177 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

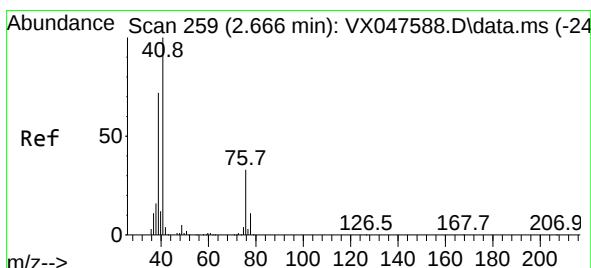
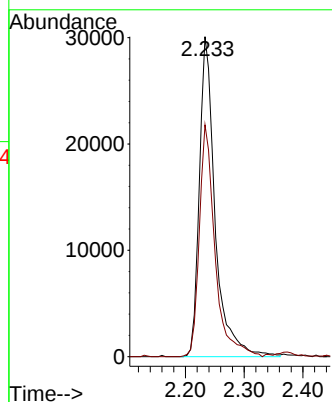
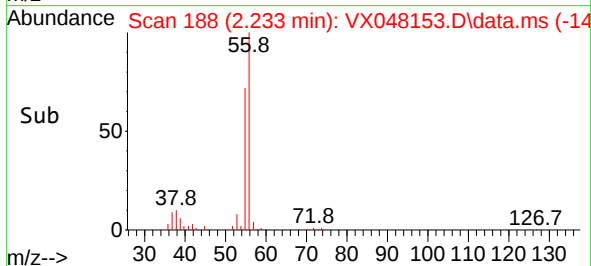
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 56174
Ion Ratio Lower Upper
56 100
55 72.1 57.2 85.8

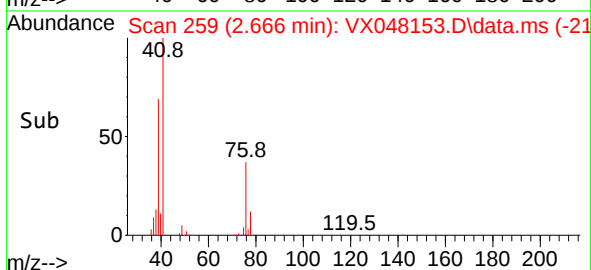
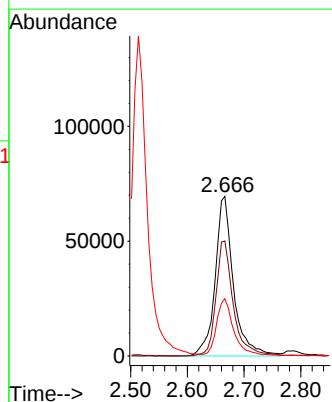
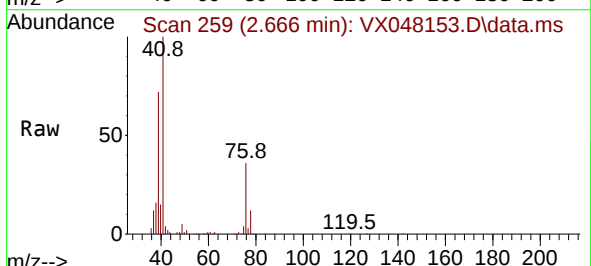
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#14
Allyl chloride
Concen: 50.919 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

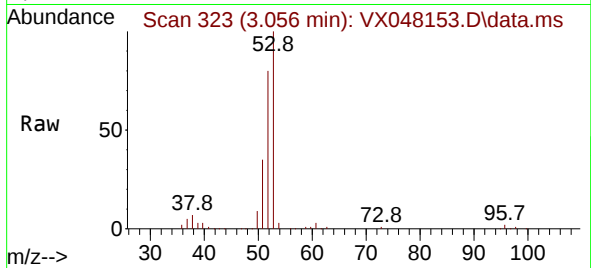
Tgt Ion: 41 Resp: 155995
Ion Ratio Lower Upper
41 100
39 68.4 54.7 82.1
76 33.6 25.7 38.5





#15
Acrylonitrile
Concen: 253.713 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

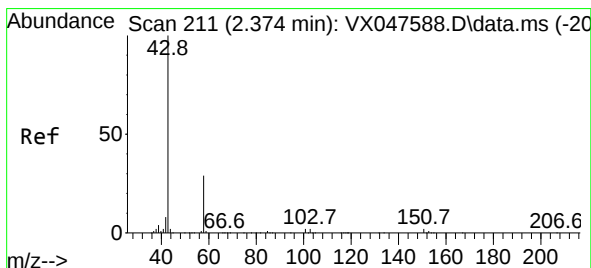
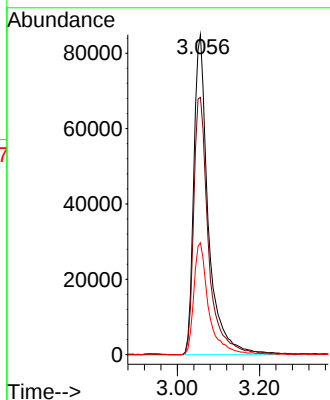
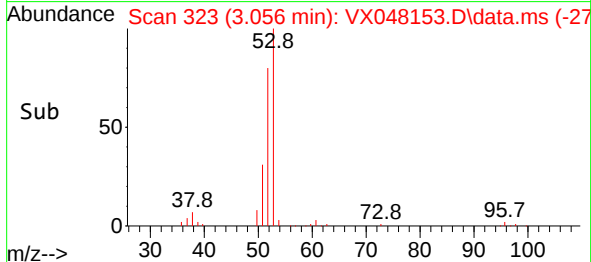
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



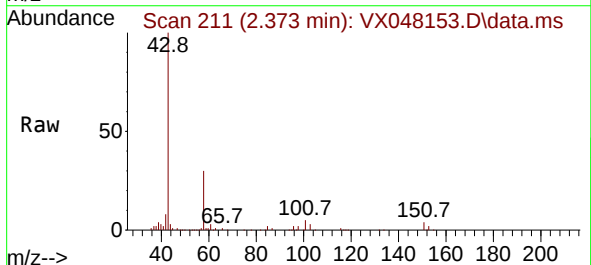
Tgt Ion: 53 Resp: 20818
Ion Ratio Lower Upper
53 100
52 82.1 66.4 99.6
51 36.3 29.5 44.3

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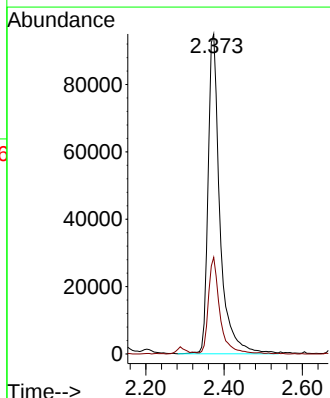
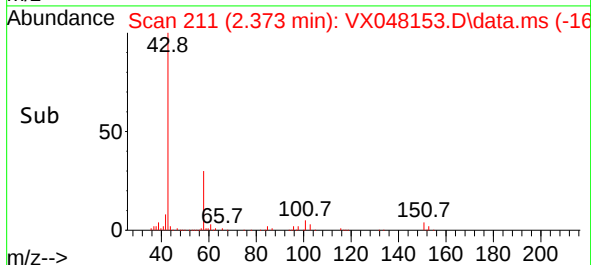
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

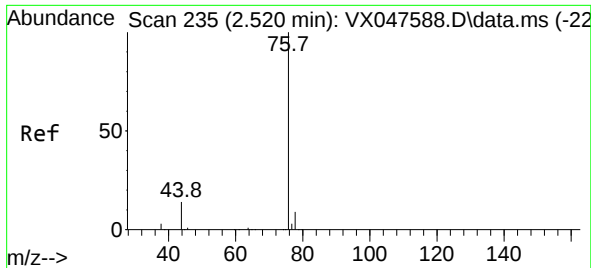


#16
Acetone
Concen: 229.513 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02



Tgt Ion: 43 Resp: 198490
Ion Ratio Lower Upper
43 100
58 30.0 23.4 35.0





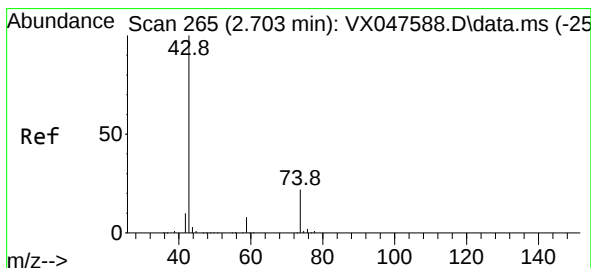
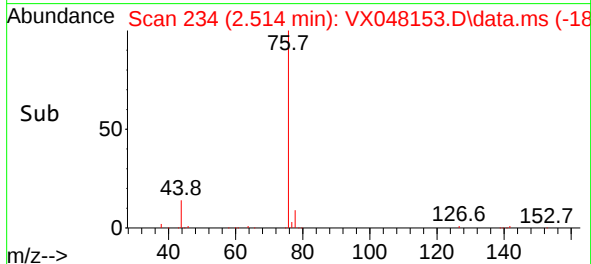
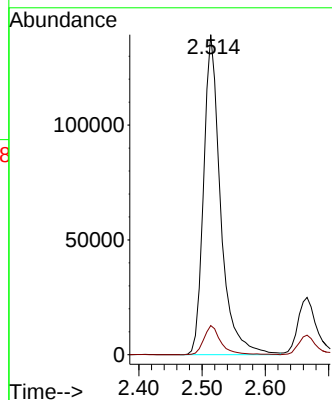
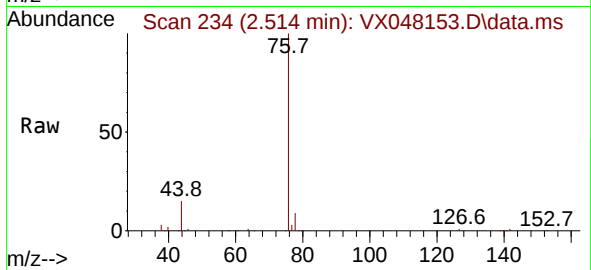
#17
Carbon Disulfide
Concen: 64.145 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 26070
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

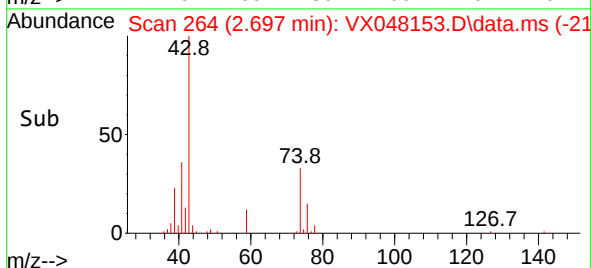
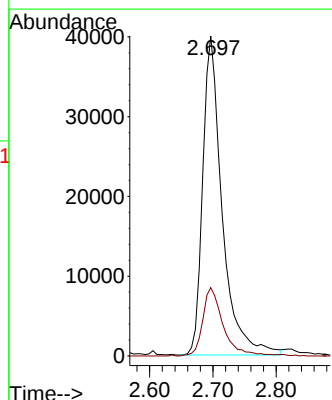
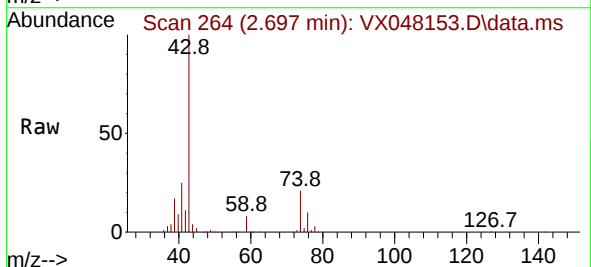
Manual Integrations
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Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#18
Methyl Acetate
Concen: 44.499 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

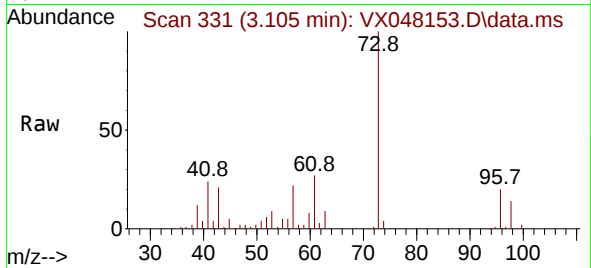
Tgt Ion: 43 Resp: 85646
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 50.140 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

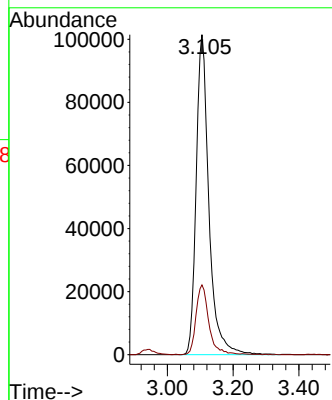
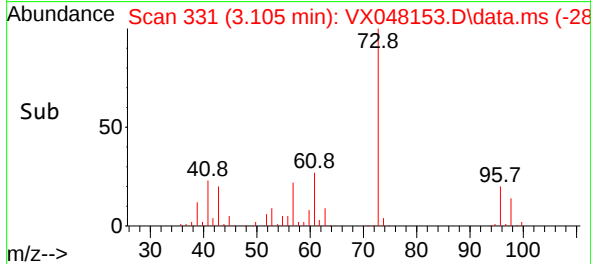
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 271738
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

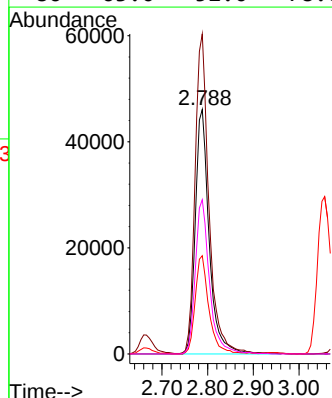
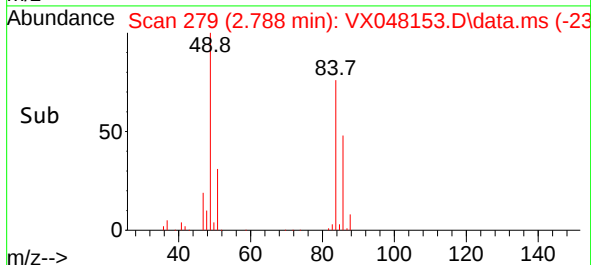
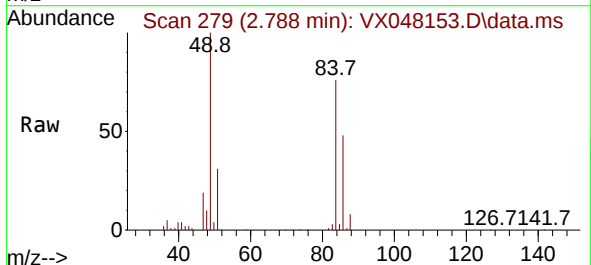
Manual Integrations
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Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#20
Methylene Chloride
Concen: 53.153 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

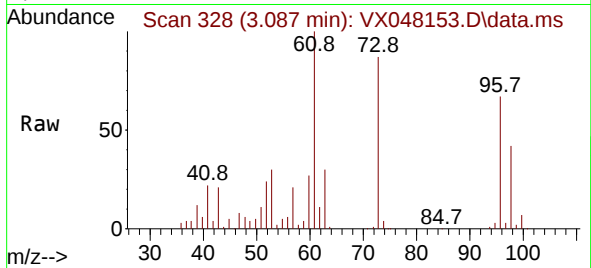
Tgt Ion: 84 Resp: 97302
Ion Ratio Lower Upper
84 100
49 130.7 108.6 162.8
51 40.2 32.6 48.8
86 63.0 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 57.678 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

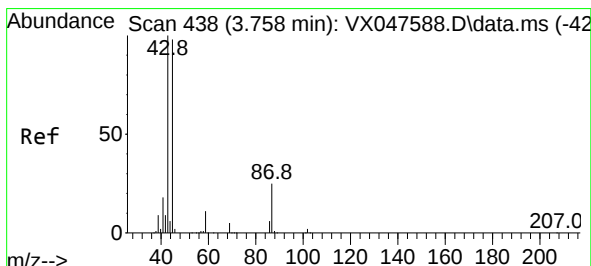
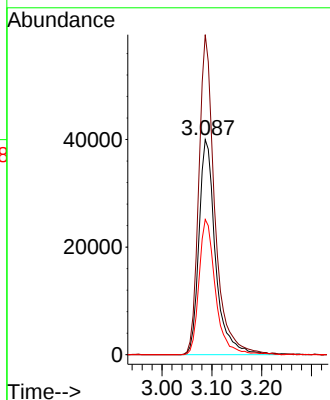
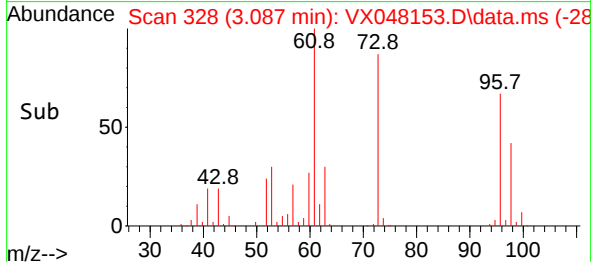
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



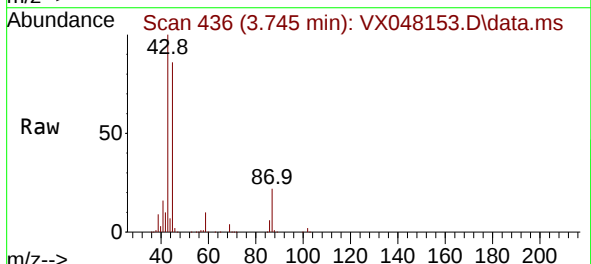
Tgt Ion: 96 Resp: 92192
Ion Ratio Lower Upper
96 100
61 148.8 116.2 174.2
98 62.9 49.3 73.9

Manual Integrations
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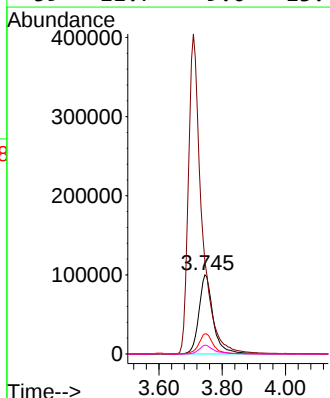
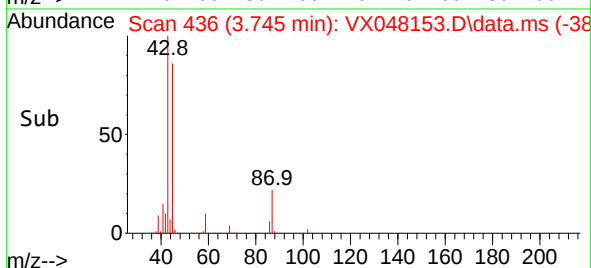
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

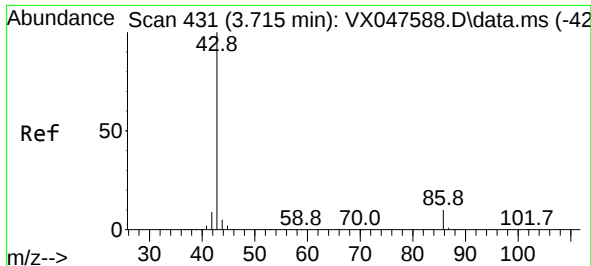


#22
Diisopropyl ether
Concen: 52.712 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02



Tgt Ion: 45 Resp: 312969
Ion Ratio Lower Upper
45 100
43 116.4 81.0 121.4
87 25.6 20.3 30.5
59 11.7 9.0 13.4





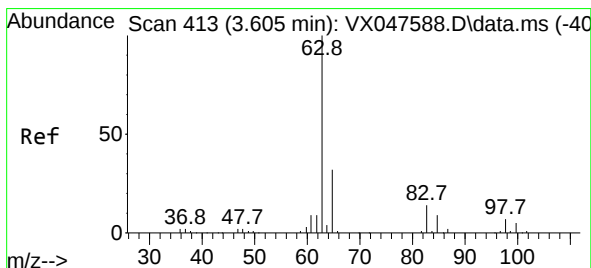
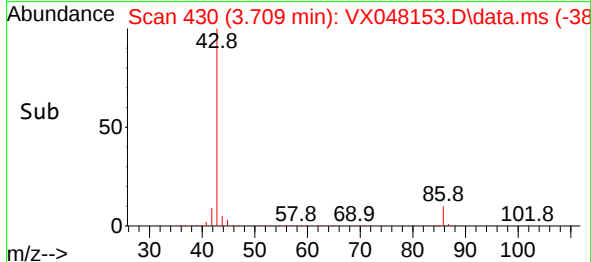
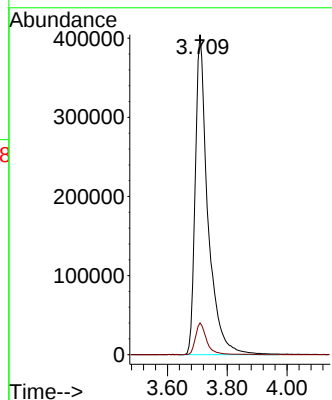
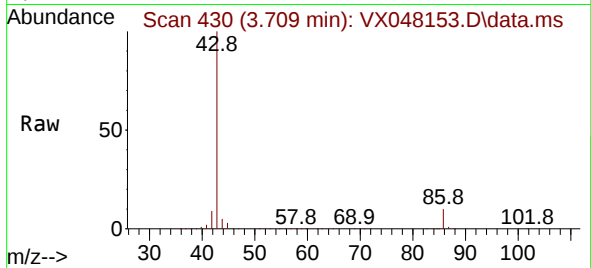
#23
 Vinyl Acetate
 Concen: 249.999 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX048153.D
 Acq: 14 Oct 2025 10:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1187970
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

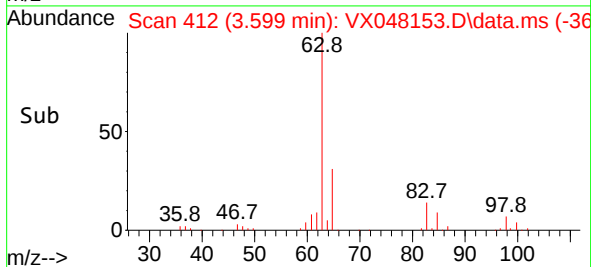
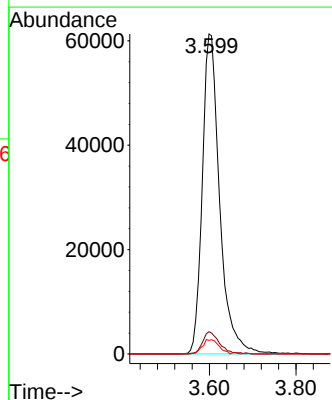
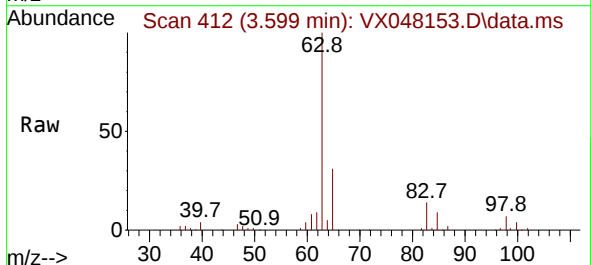
Manual Integrations
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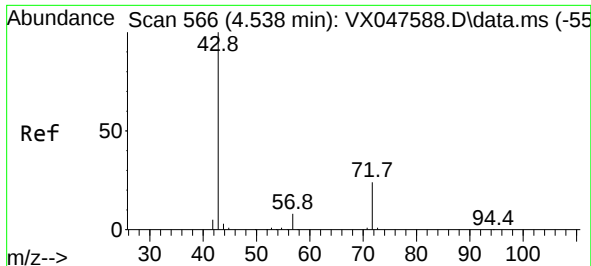
Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025



#24
 1,1-Dichloroethane
 Concen: 54.042 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048153.D
 Acq: 14 Oct 2025 10:02

Tgt Ion: 63 Resp: 170542
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 4.3 2.3 6.9





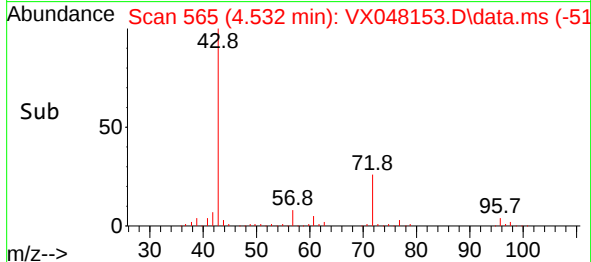
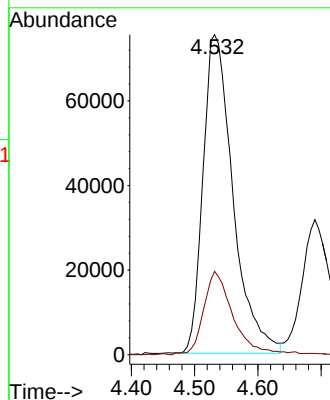
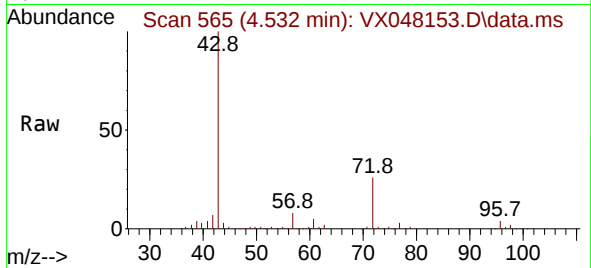
#25
2-Butanone
Concen: 229.881 ug/l
RT: 4.532 min Scan# 565
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 247988
Ion Ratio Lower Upper
43 100
72 25.6 20.1 30.1

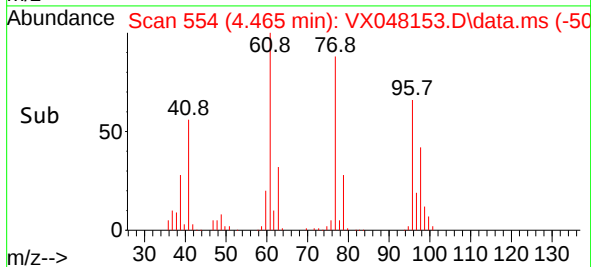
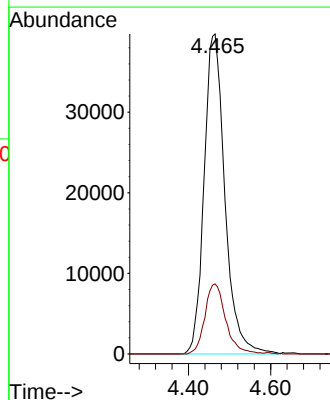
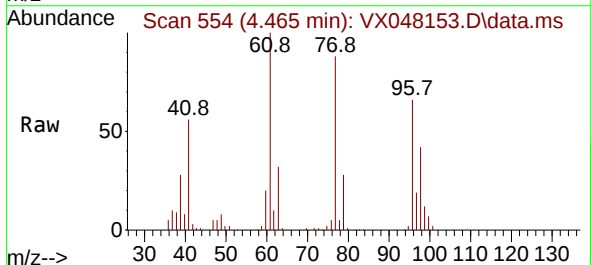
Manual Integrations
APPROVED

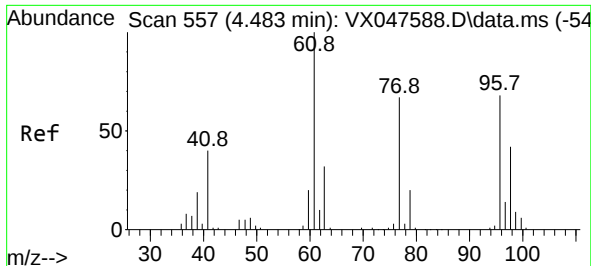
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#26
2,2-Dichloropropane
Concen: 53.086 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 77 Resp: 139256
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 53.263 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 10426

Ion Ratio Lower Upper

96 100

61 149.9 0.0 303.2

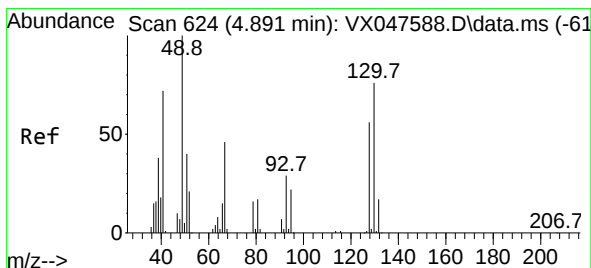
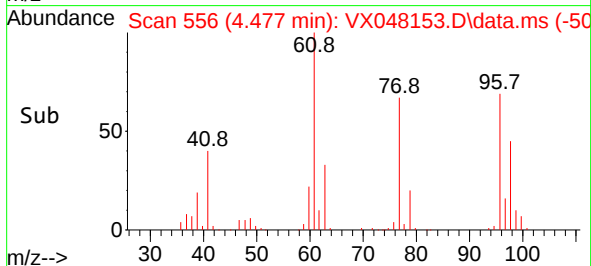
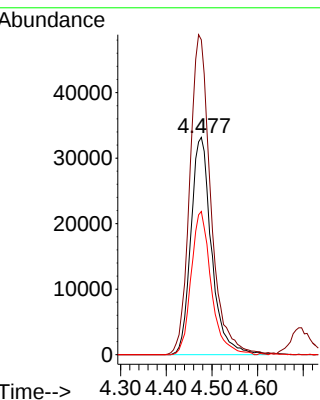
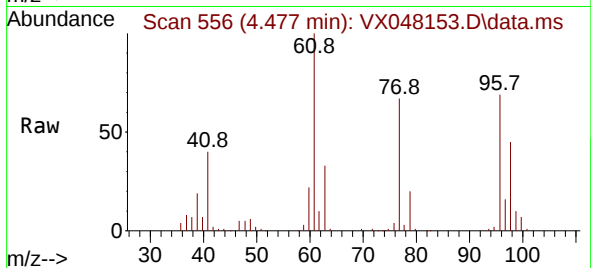
98 63.9 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#28

Bromochloromethane

Concen: 47.909 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.012 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

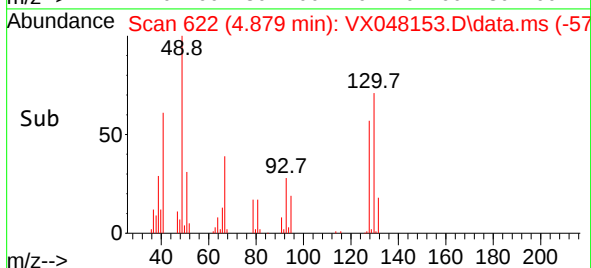
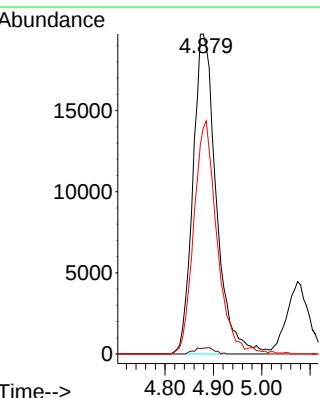
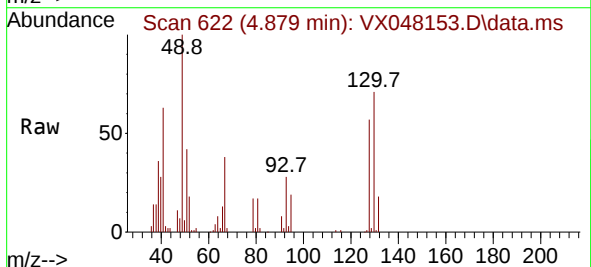
Tgt Ion: 49 Resp: 66003

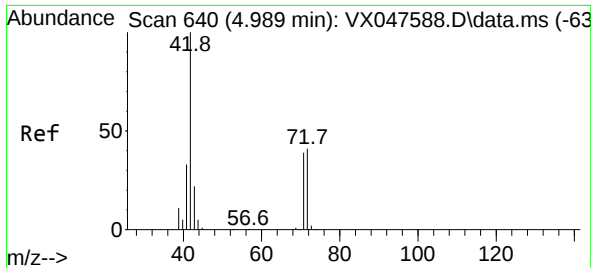
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.2

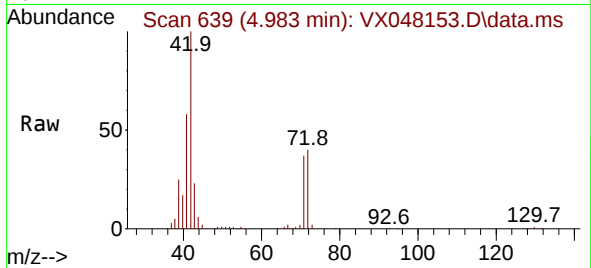
130 71.5 57.8 86.8





#29
Tetrahydrofuran
Concen: 234.875 ug/l
RT: 4.983 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

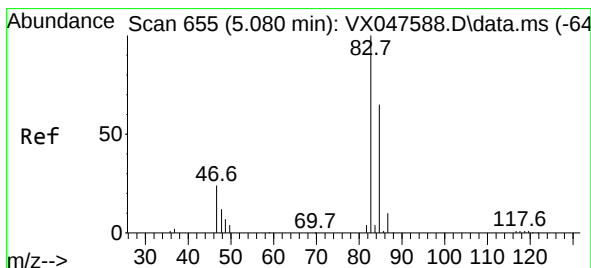
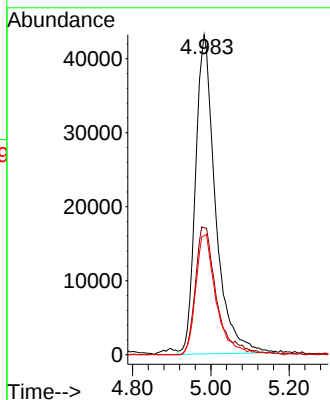
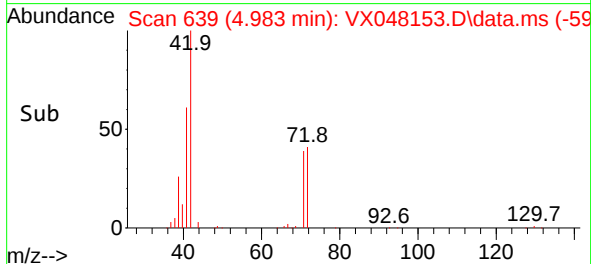
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 15242
Ion Ratio Lower Upper
42 100
72 42.7 34.2 51.2
71 39.0 31.9 47.9

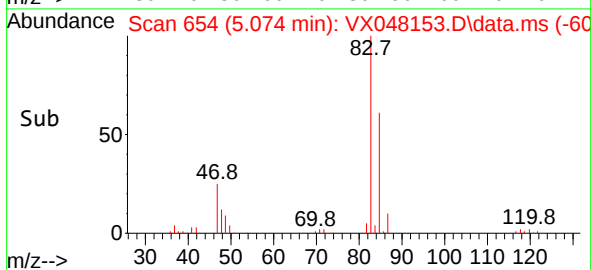
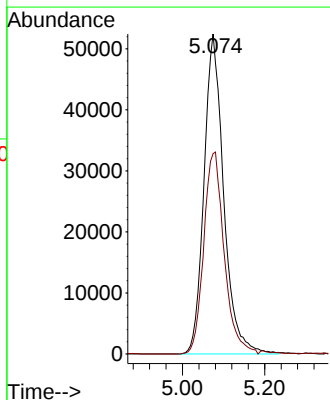
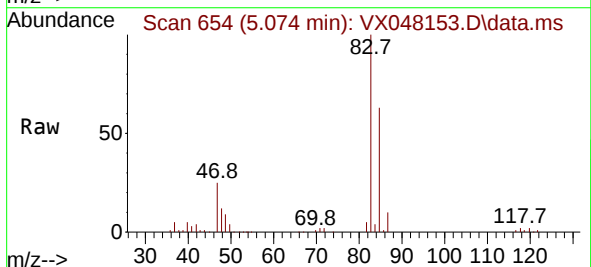
Manual Integrations
APPROVED

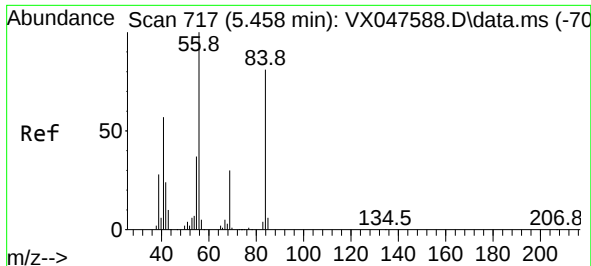
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#30
Chloroform
Concen: 54.659 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

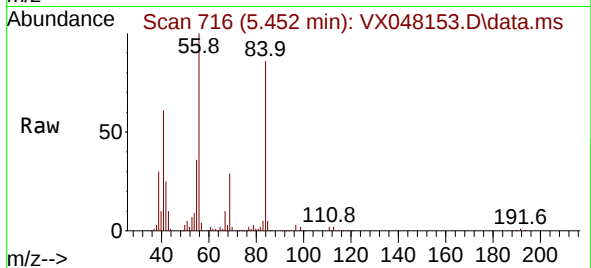
Tgt Ion: 83 Resp: 174306
Ion Ratio Lower Upper
83 100
85 62.6 51.8 77.6





#31
Cyclohexane
Concen: 55.594 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

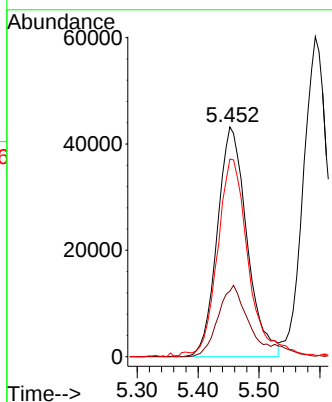
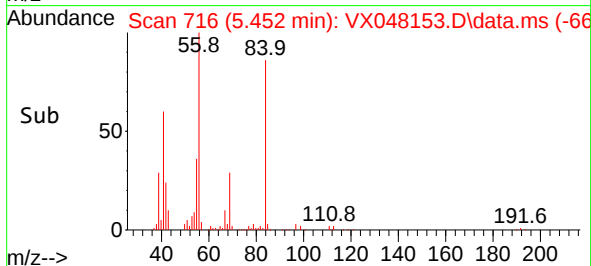
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 146119
Ion Ratio Lower Upper
56 100
69 28.1 23.8 35.8
84 86.0 64.6 97.0

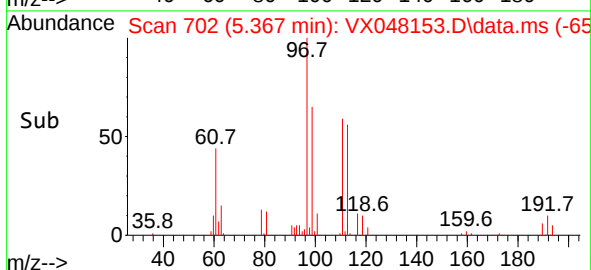
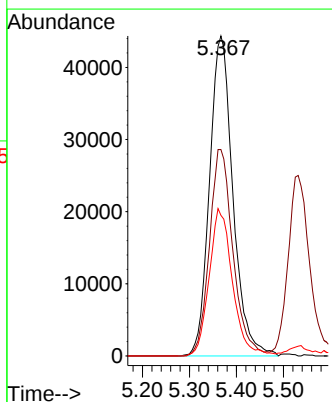
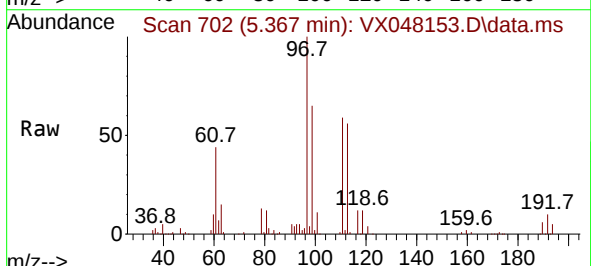
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#32
1,1,1-Trichloroethane
Concen: 56.700 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 97 Resp: 153370
Ion Ratio Lower Upper
97 100
99 64.9 50.6 76.0
61 45.8 35.8 53.8





#33
1,2-Dichloroethane-d4
Concen: 53.069 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

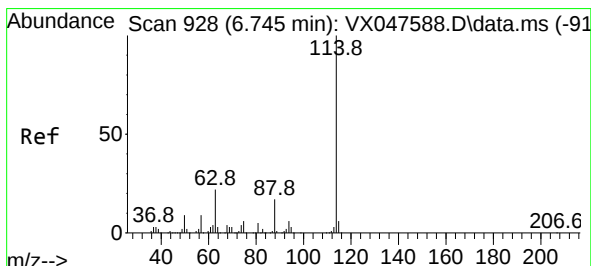
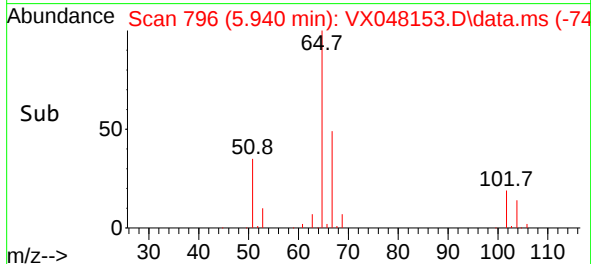
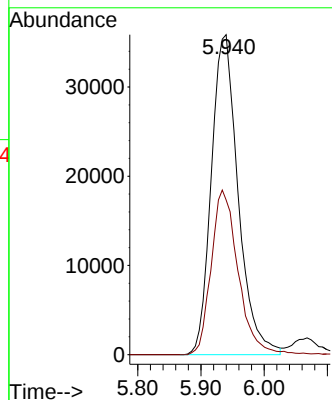
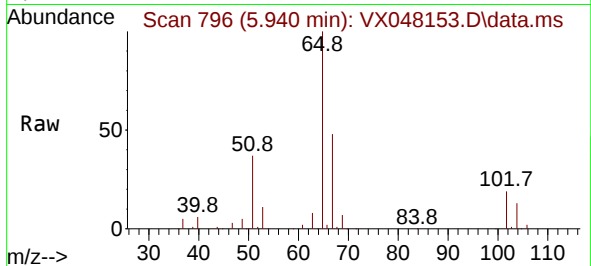
VSTDCCC050

Tgt Ion: 65 Resp: 10555
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

Manual Integrations

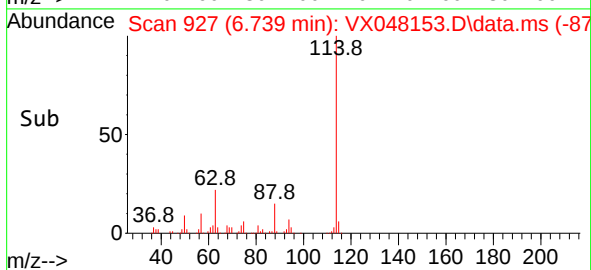
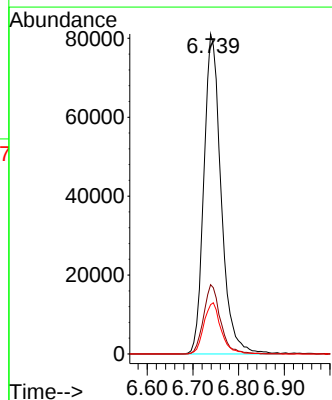
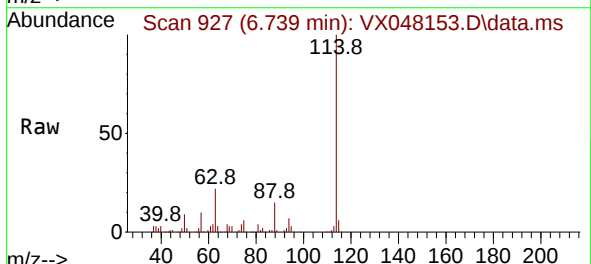
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:114 Resp: 212282
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 15.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 58.375 ug/l

RT: 5.367 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

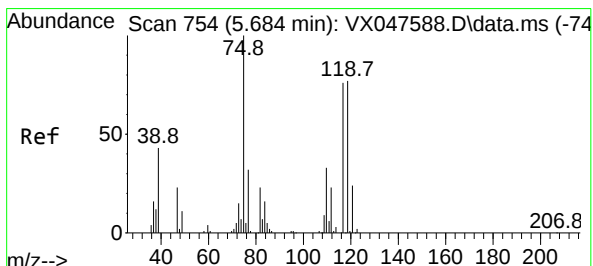
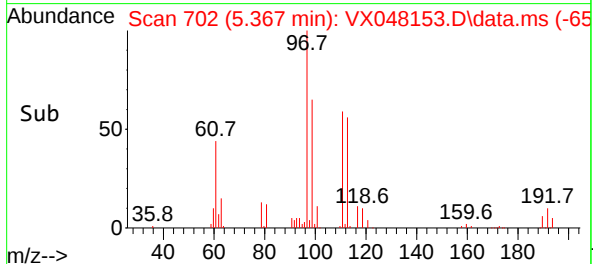
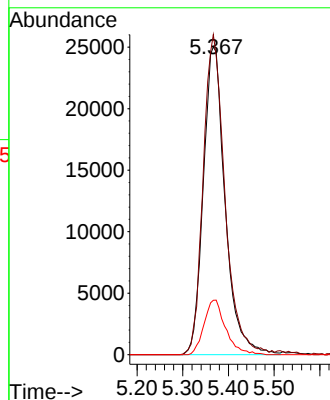
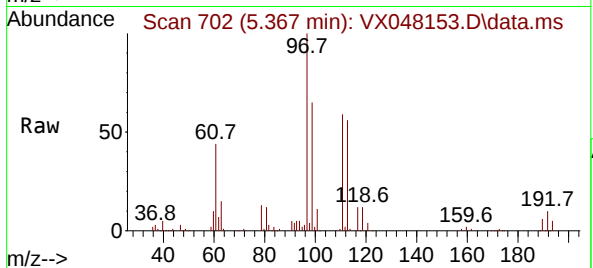
Tgt Ion:	113	Resp:	8310
Ion Ratio	Lower	Upper	
113	100		
111	103.8	80.9	121.3
192	17.6	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#36

1,1-Dichloropropene

Concen: 56.673 ug/l

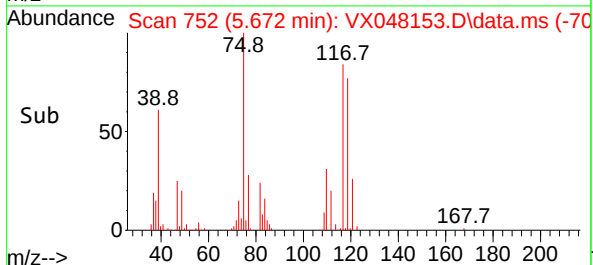
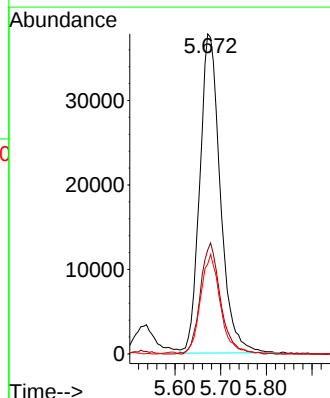
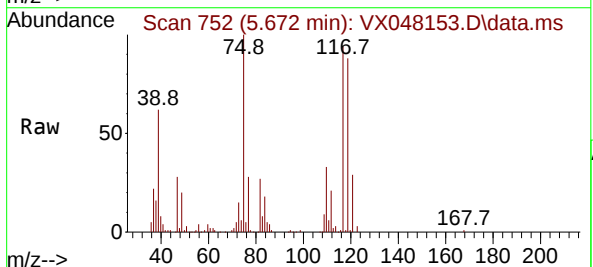
RT: 5.672 min Scan# 752

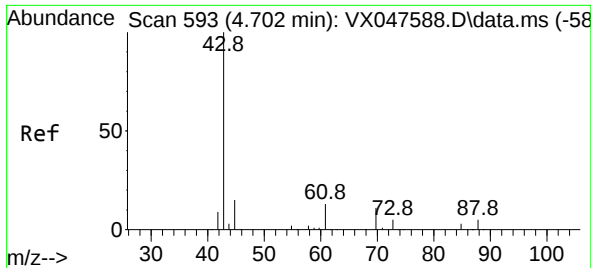
Delta R.T. -0.012 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

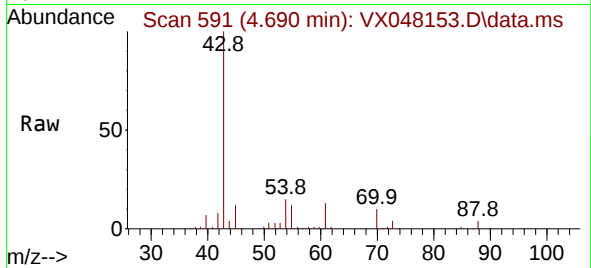
Tgt Ion:	75	Resp:	117898
Ion Ratio	Lower	Upper	
75	100		
110	34.1	16.7	50.1
77	30.5	24.3	36.5





#37
Ethyl Acetate
Concen: 47.964 ug/l
RT: 4.690 min Scan# 593
Delta R.T. -0.012 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

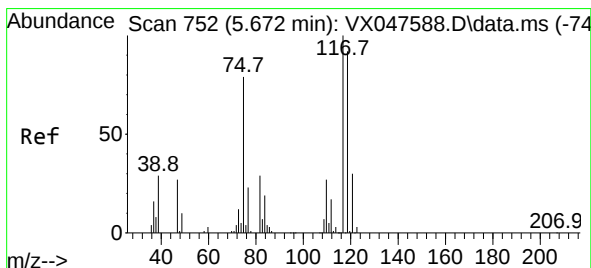
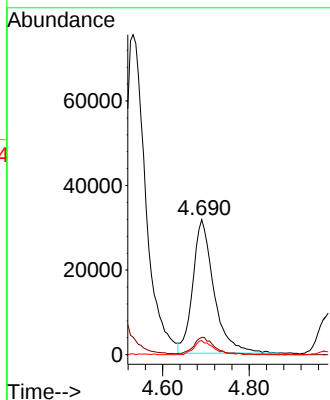
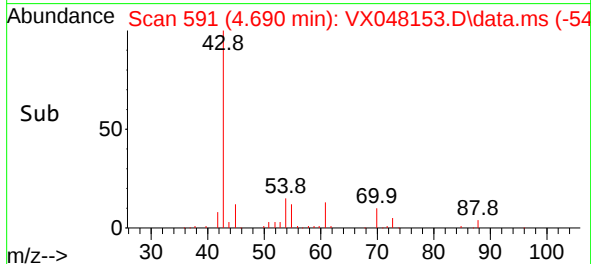
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 106830
Ion Ratio Lower Upper
43 100
61 12.2 9.8 14.8
70 9.5 7.9 11.9

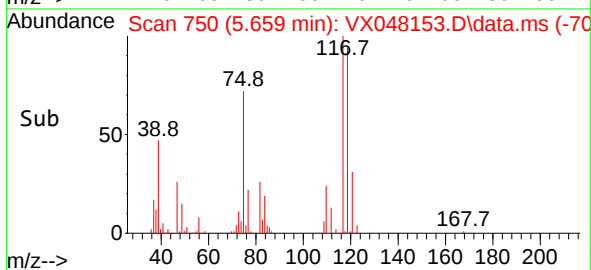
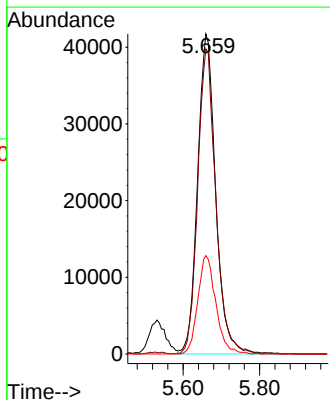
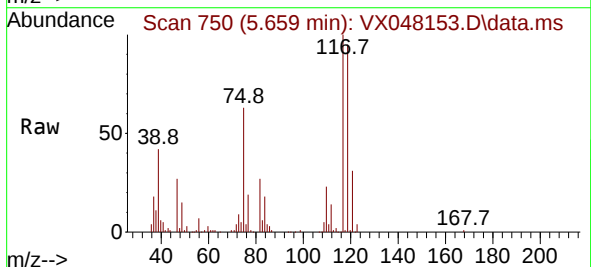
Manual Integrations
APPROVED

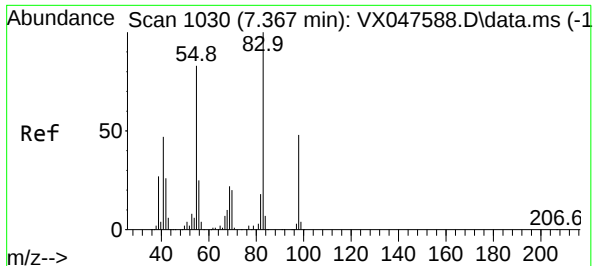
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#38
Carbon Tetrachloride
Concen: 60.555 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:117 Resp: 136874
Ion Ratio Lower Upper
117 100
119 95.1 73.4 110.2
121 30.7 23.8 35.6





#39

Methylcyclohexane

Concen: 59.319 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX048153.D

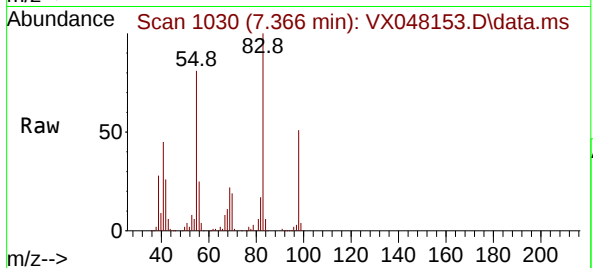
Acq: 14 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



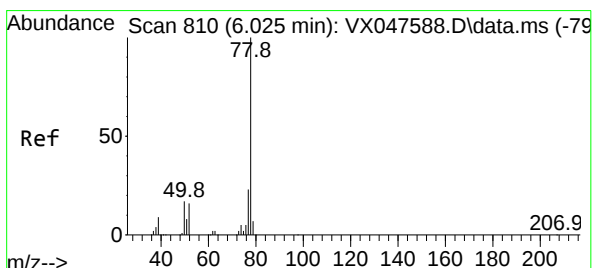
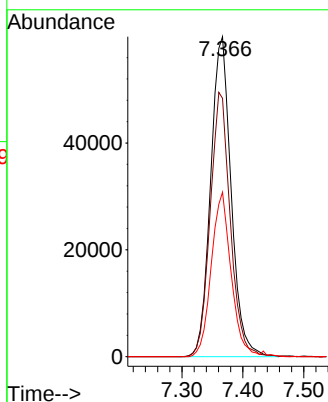
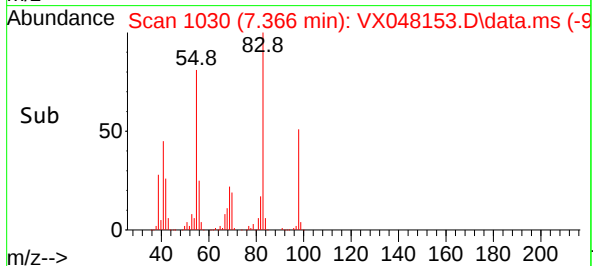
Tgt Ion:	83	Resp:	140080
Ion Ratio	Lower	Upper	
83	100		
55	80.8	66.4	99.6
98	51.4	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#40

Benzene

Concen: 56.422 ug/l

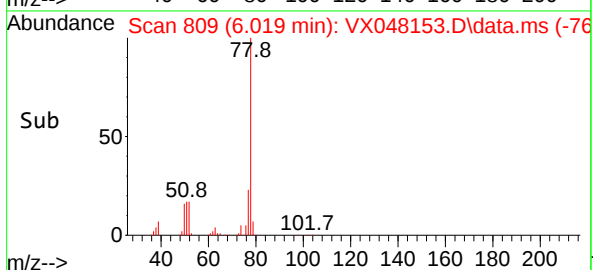
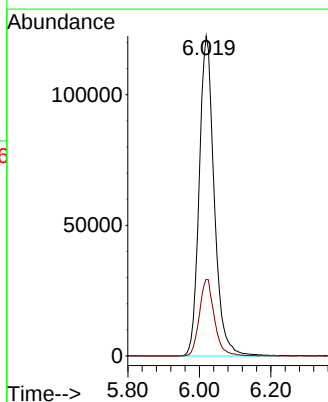
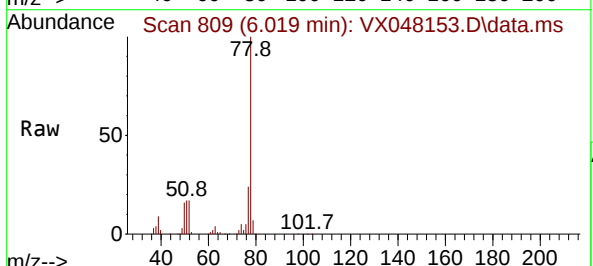
RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

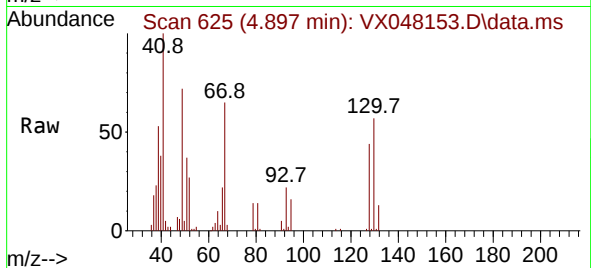
Tgt Ion:	78	Resp:	356505
Ion Ratio	Lower	Upper	
78	100		
77	23.9	18.8	28.2





#41
Methacrylonitrile
Concen: 51.733 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

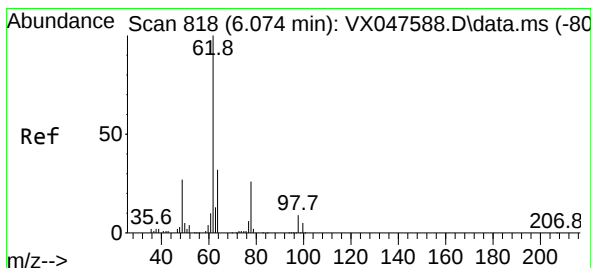
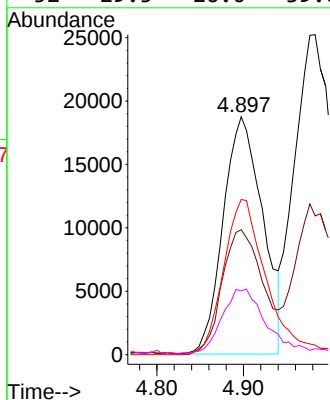
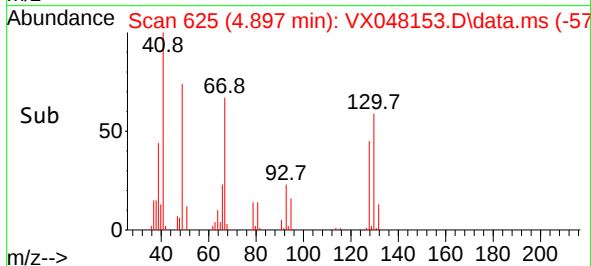
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 59489
Ion Ratio Lower Upper
41 100
39 54.3 43.3 64.9
67 71.8 58.6 87.8
52 29.5 26.0 39.0

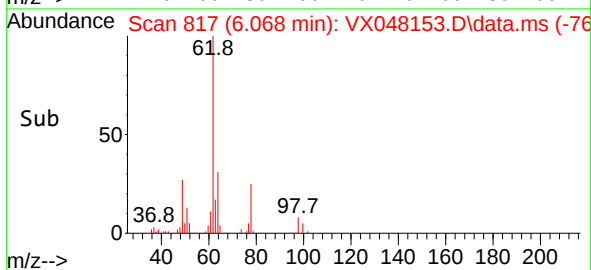
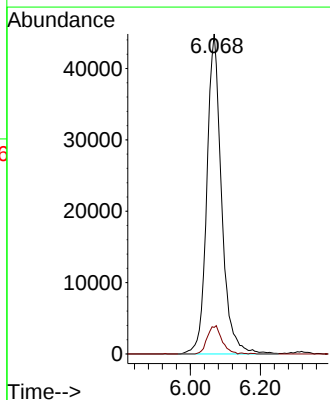
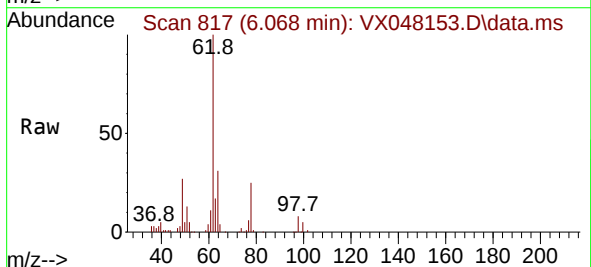
Manual Integrations
APPROVED

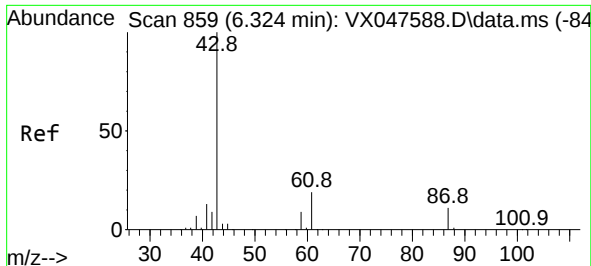
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#42
1,2-Dichloroethane
Concen: 54.535 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 62 Resp: 131107
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.0





#43
Isopropyl Acetate
Concen: 47.003 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Instrument :

MSVOA_X

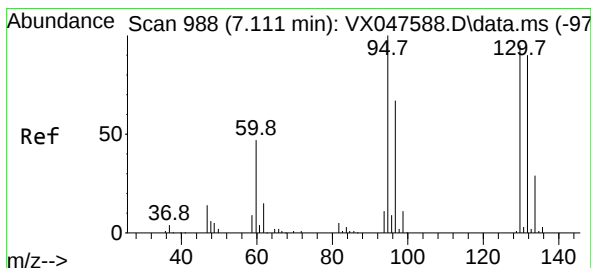
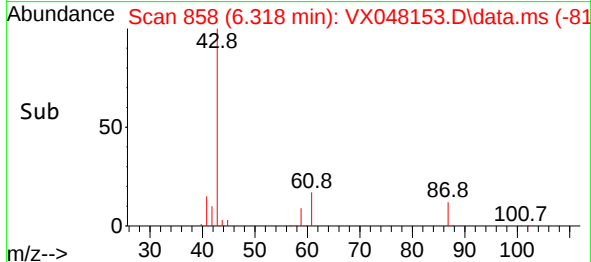
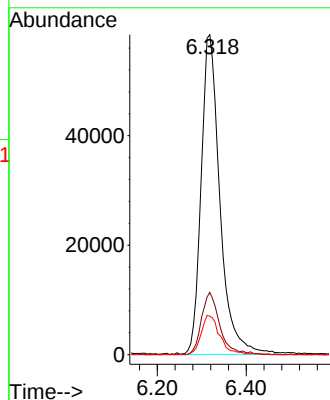
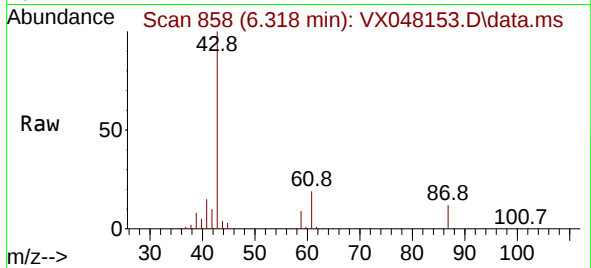
ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 171708
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 12.2 9.6 14.4

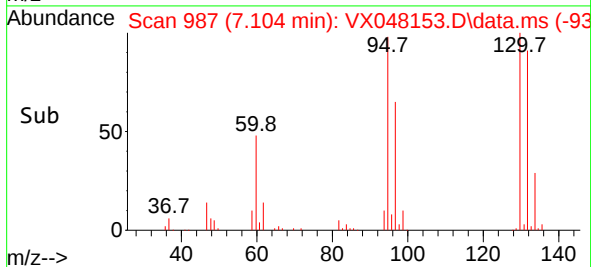
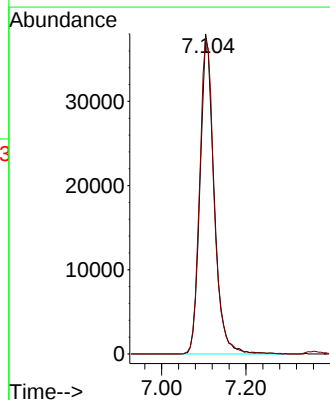
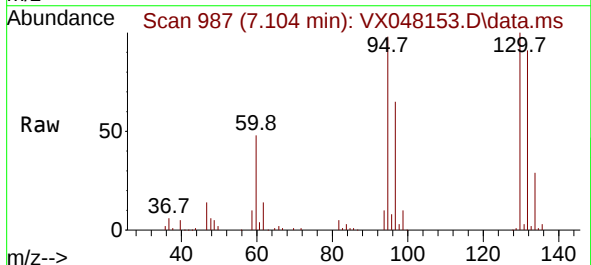
Manual Integrations
APPROVED

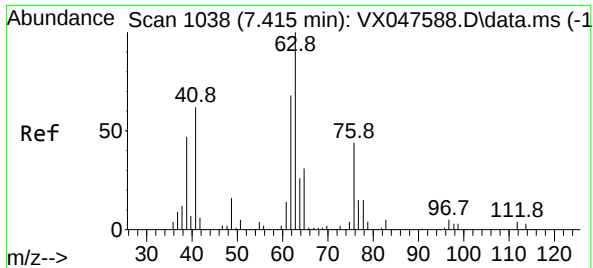
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#44
Trichloroethene
Concen: 57.700 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:130 Resp: 88141
Ion Ratio Lower Upper
130 100
95 98.5 0.0 210.8





#45

1,2-Dichloropropane

Concen: 55.124 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8918

Ion Ratio Lower Upper

63 100

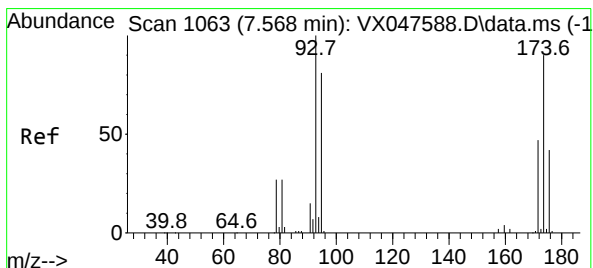
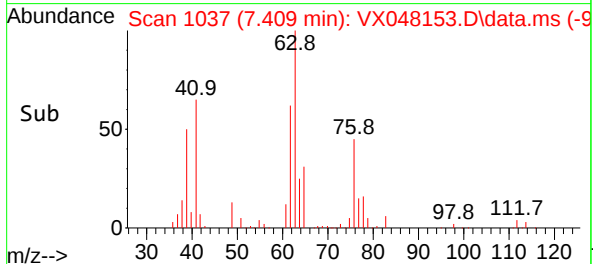
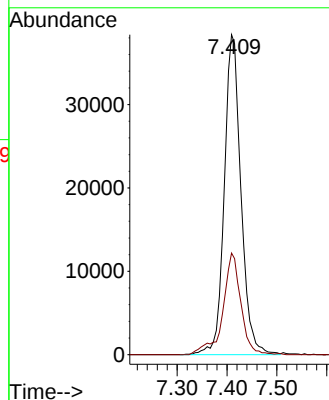
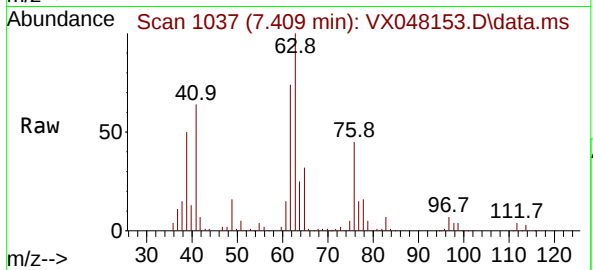
65 31.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#46

Dibromomethane

Concen: 54.583 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

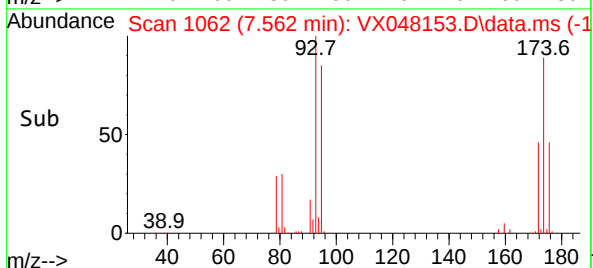
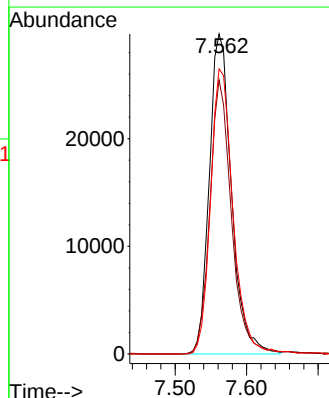
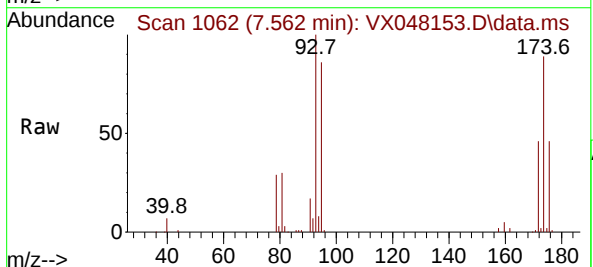
Tgt Ion: 93 Resp: 64264

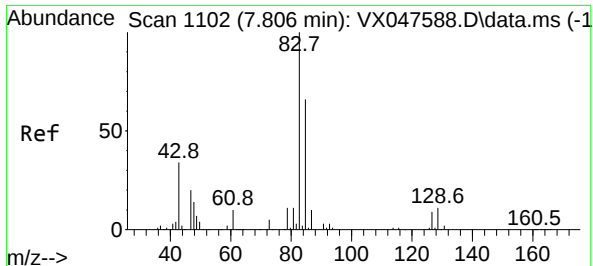
Ion Ratio Lower Upper

93 100

95 83.8 65.0 97.6

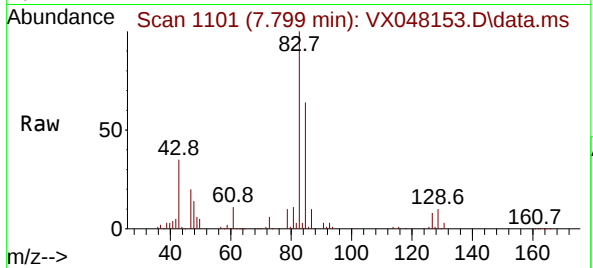
174 89.9 71.6 107.4





#47
Bromodichloromethane
Concen: 57.493 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

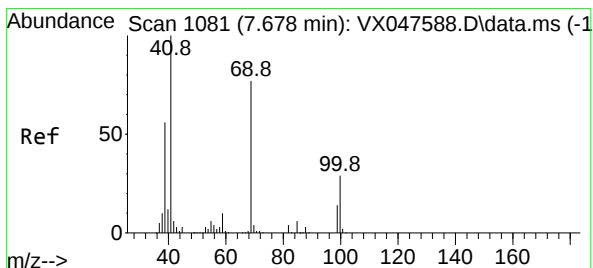
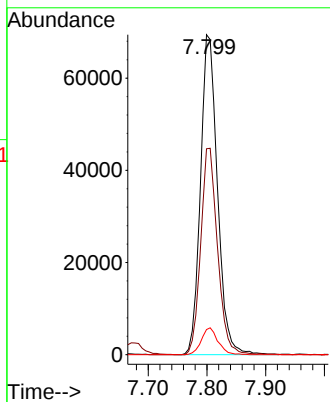
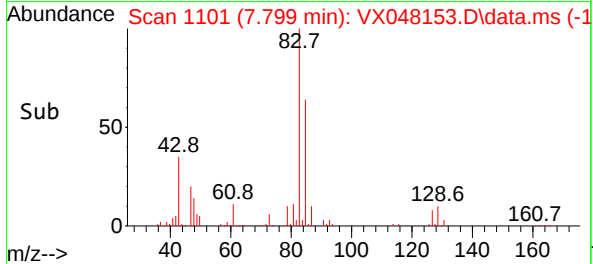
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 139683
Ion Ratio Lower Upper
83 100
85 64.4 52.5 78.7
127 7.9 6.9 10.3

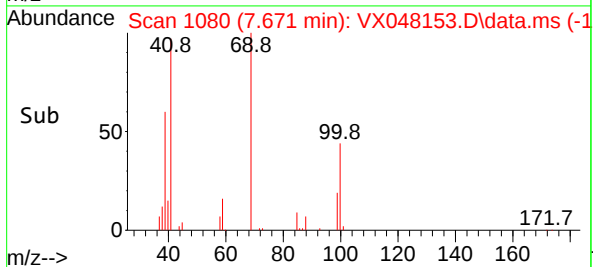
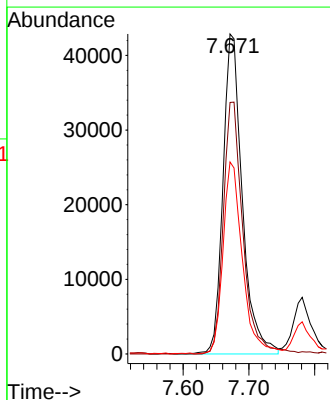
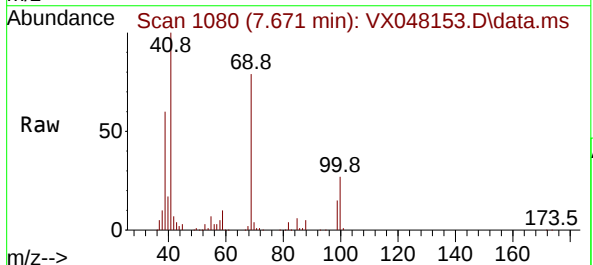
Manual Integrations
APPROVED

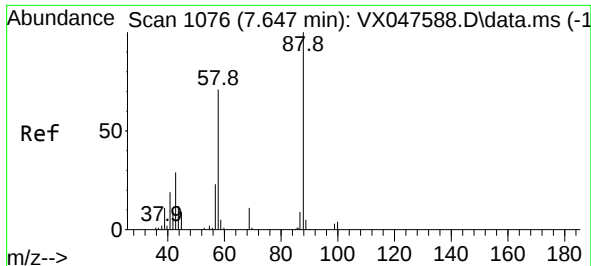
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#48
Methyl methacrylate
Concen: 48.182 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

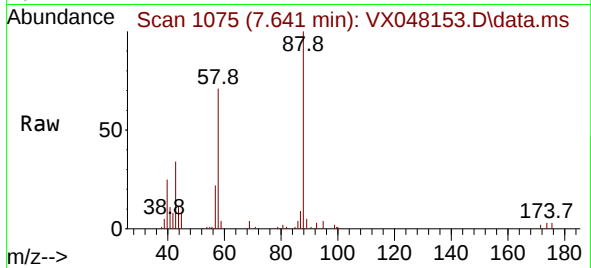
Tgt Ion: 41 Resp: 87675
Ion Ratio Lower Upper
41 100
69 79.6 61.4 92.2
39 60.4 45.8 68.6





#49
1,4-Dioxane
Concen: 1079.897 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

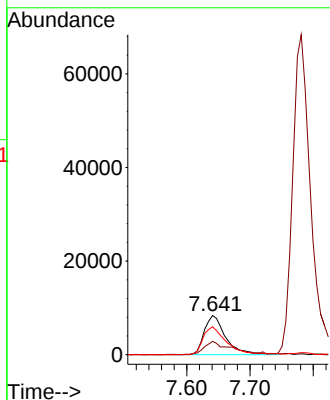
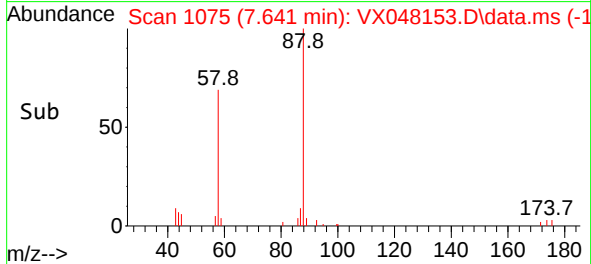
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 1985
Ion Ratio Lower Upper
88 100
43 38.5 30.2 45.2
58 78.0 59.5 89.3

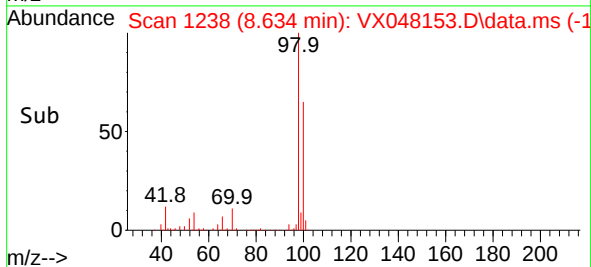
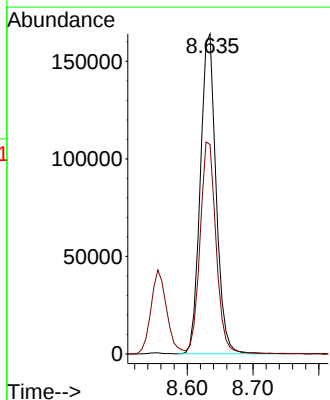
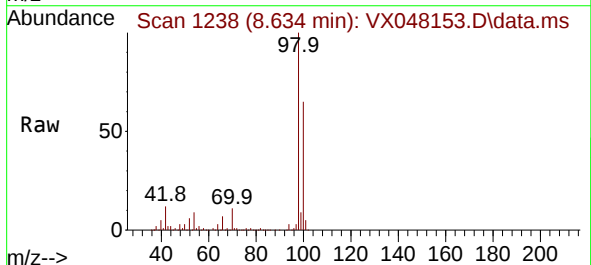
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#50
Toluene-d8
Concen: 55.475 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

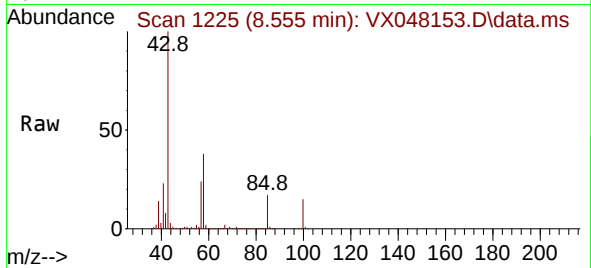
Tgt Ion: 98 Resp: 273280
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 246.453 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

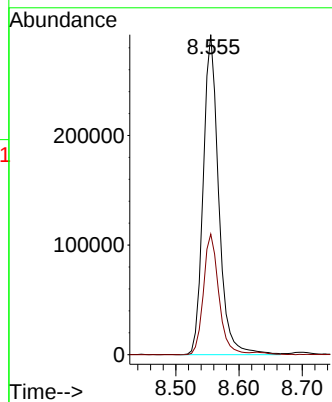
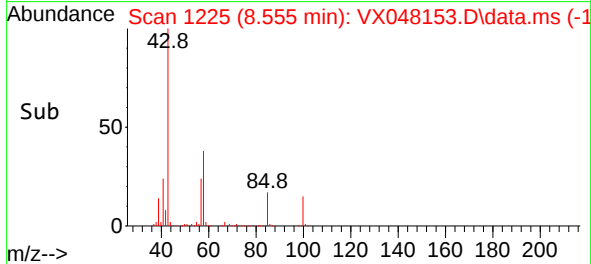
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 49918
Ion Ratio Lower Upper
43 100
58 37.3 30.3 45.5

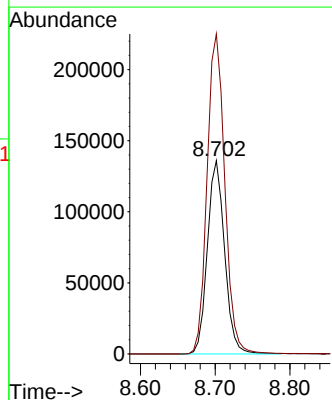
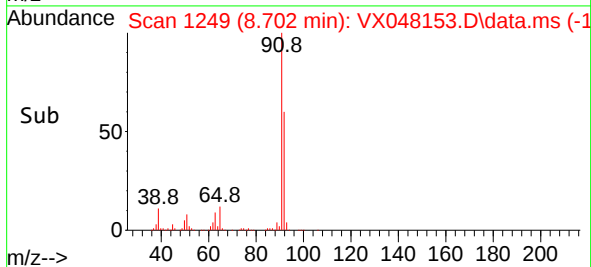
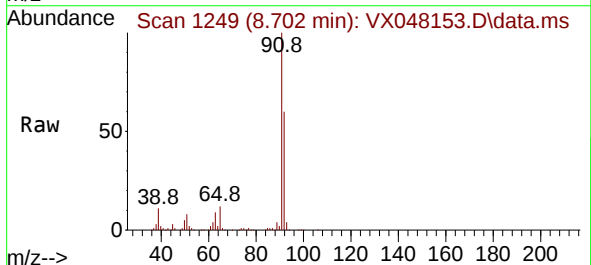
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#52
Toluene
Concen: 56.065 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 92 Resp: 218251
Ion Ratio Lower Upper
92 100
91 170.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 53.629 ug/l

RT: 8.958 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 13290

Ion Ratio Lower Upper

75 100

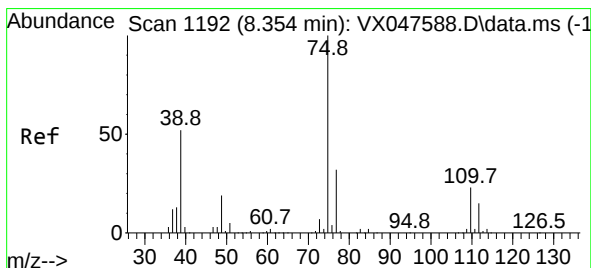
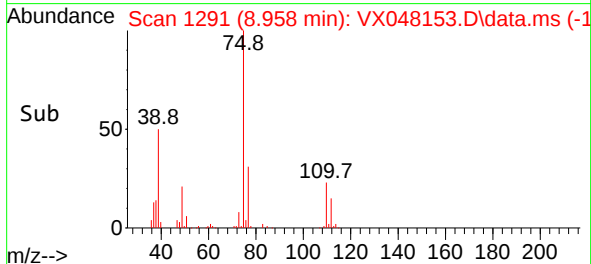
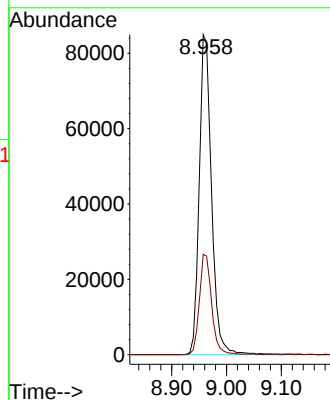
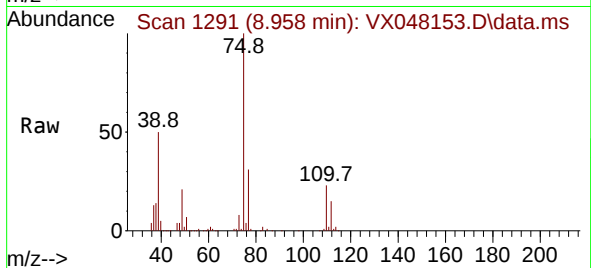
77 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#54

cis-1,3-Dichloropropene

Concen: 54.766 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

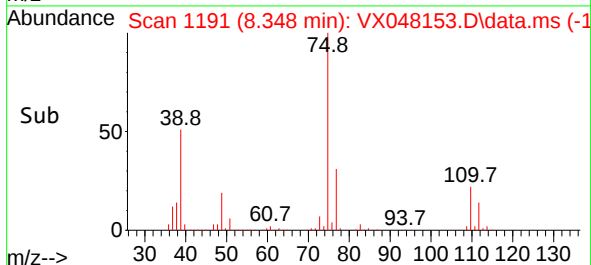
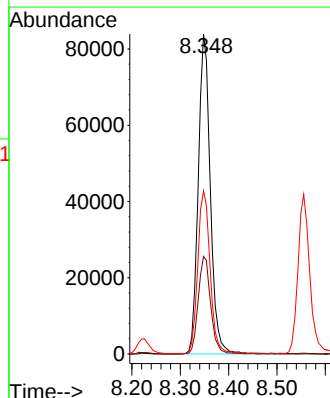
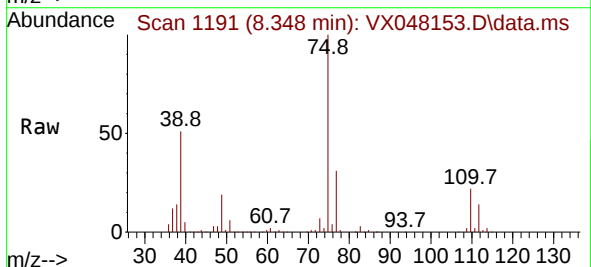
Tgt Ion: 75 Resp: 145065

Ion Ratio Lower Upper

75 100

77 30.5 25.8 38.6

39 50.8 41.4 62.2





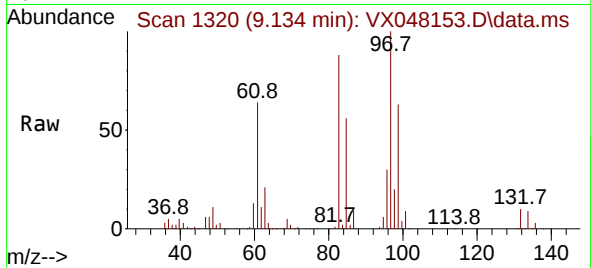
#55
1,1,2-Trichloroethane
Concen: 53.920 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



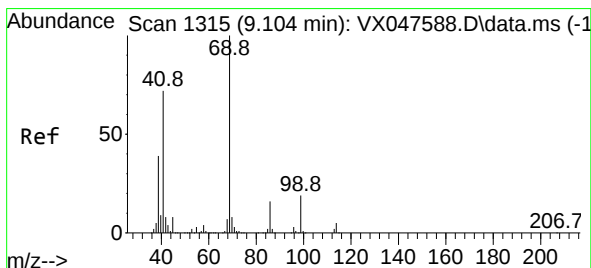
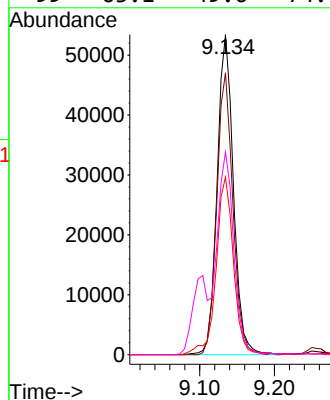
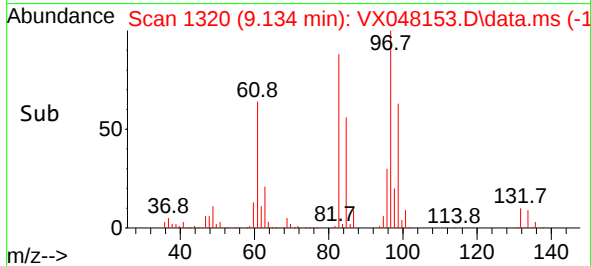
Tgt Ion:	97	Resp:	8093
Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.6	104.4
85	55.5	45.0	67.6
99	63.1	49.6	74.4

Manual Integrations

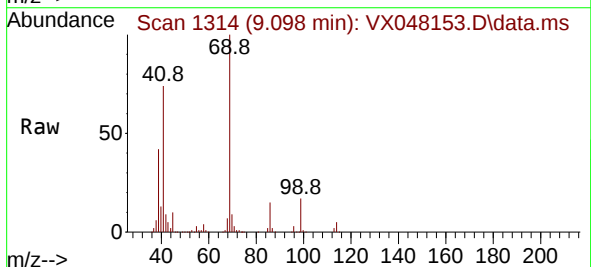
APPROVED

Reviewed By :John Carlone 10/15/2025

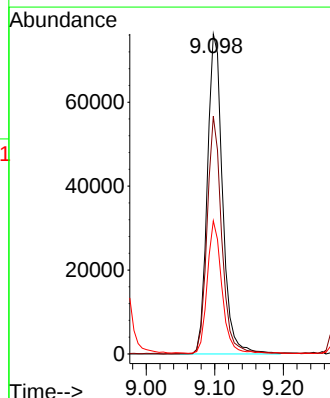
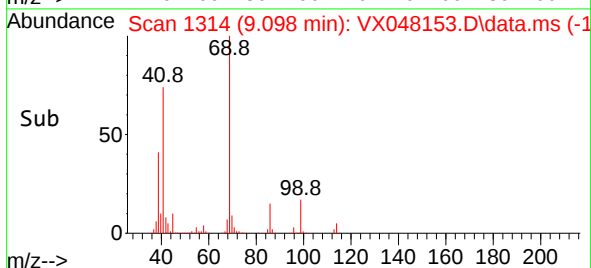
Supervised By :Mahesh Dadoda 10/16/2025



#56
Ethyl methacrylate
Concen: 49.978 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02



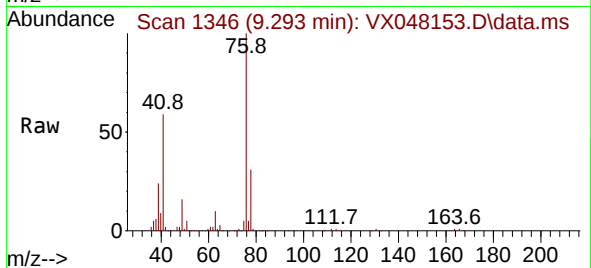
Tgt Ion:	69	Resp:	117815
Ion	Ratio	Lower	Upper
69	100		
41	71.3	58.6	87.8
39	39.6	31.5	47.3





#57
1,3-Dichloropropane
Concen: 55.058 ug/l
RT: 9.293 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

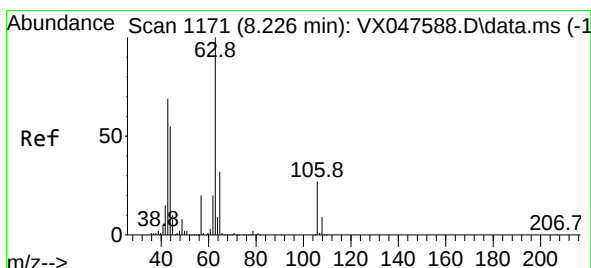
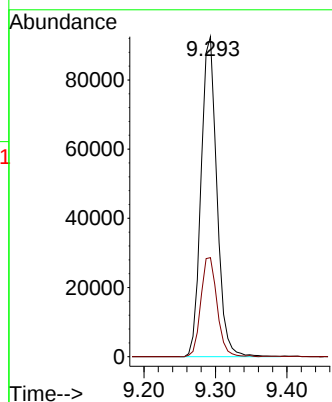
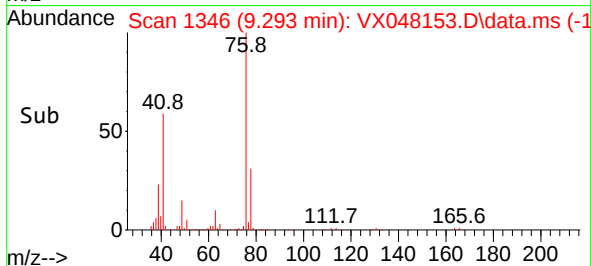
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 141969
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4

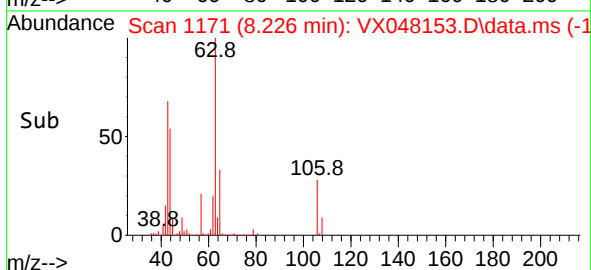
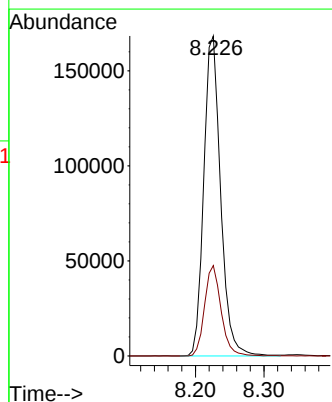
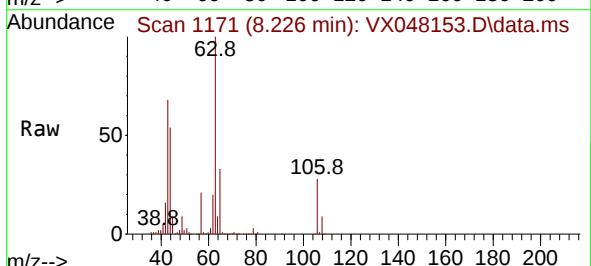
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 255.570 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

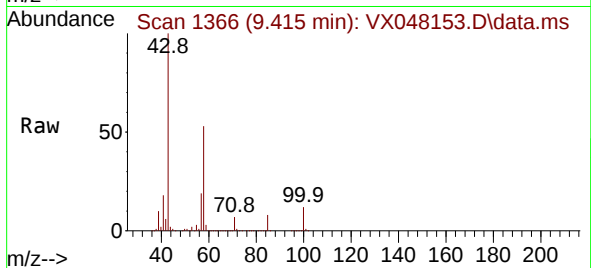
Tgt Ion: 63 Resp: 288271
Ion Ratio Lower Upper
63 100
106 27.6 21.9 32.9





#59
2-Hexanone
Concen: 238.613 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

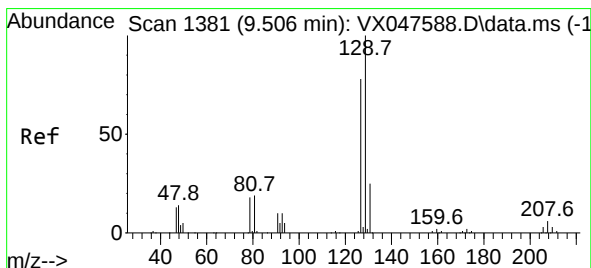
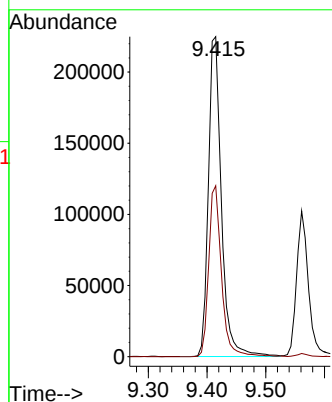
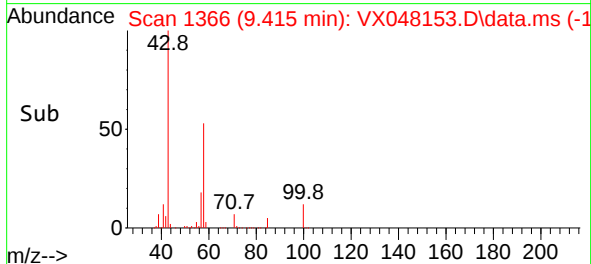
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 347109
Ion Ratio Lower Upper
43 100
58 52.5 26.1 78.2

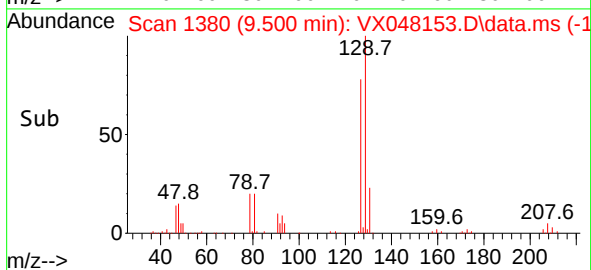
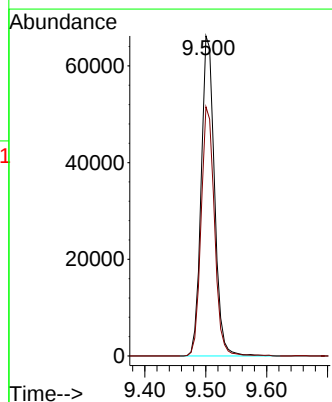
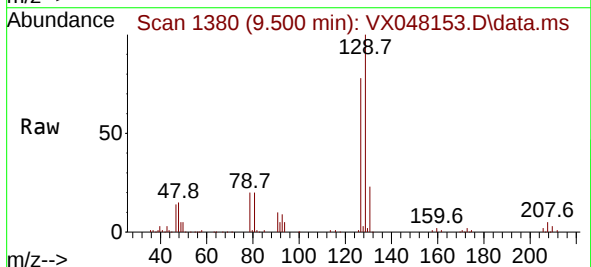
Manual Integrations
APPROVED

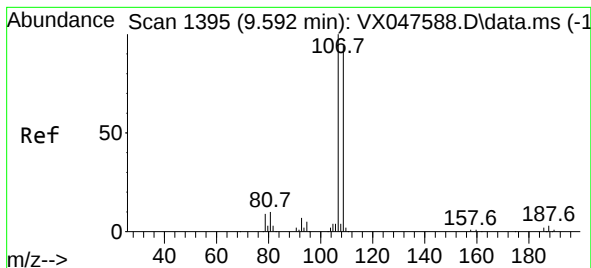
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#60
Dibromochloromethane
Concen: 58.035 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

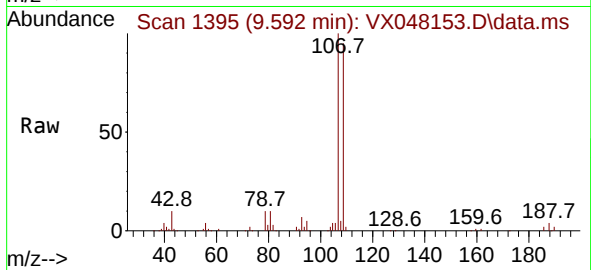
Tgt Ion:129 Resp: 100375
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.2





#61
1,2-Dibromoethane
Concen: 54.765 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

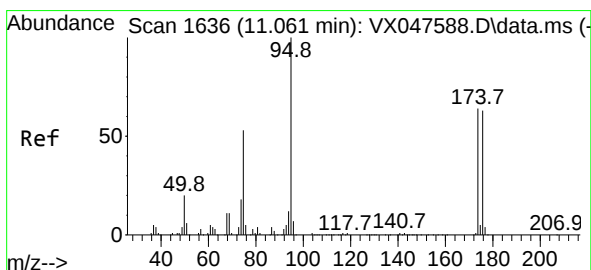
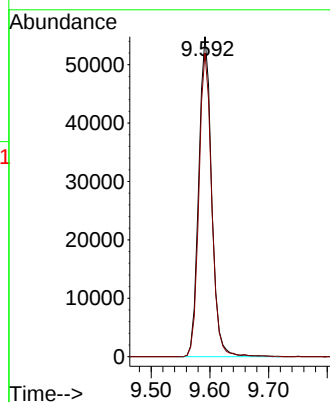
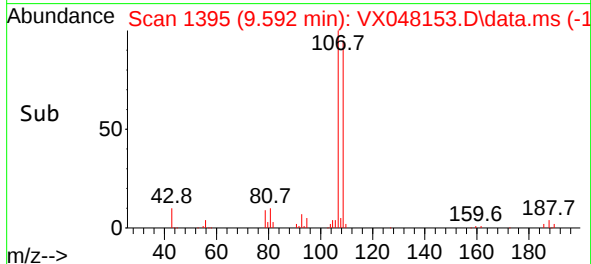
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



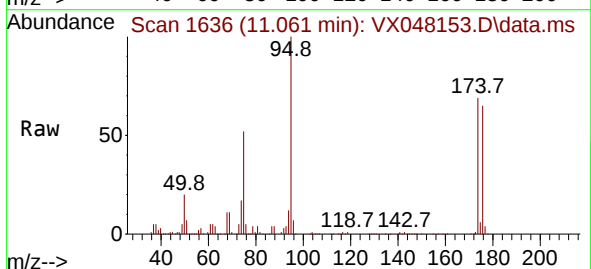
Tgt Ion:107 Resp: 83730
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9

Manual Integrations
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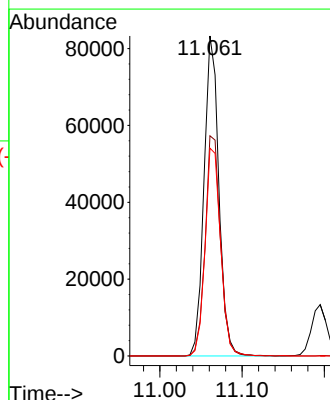
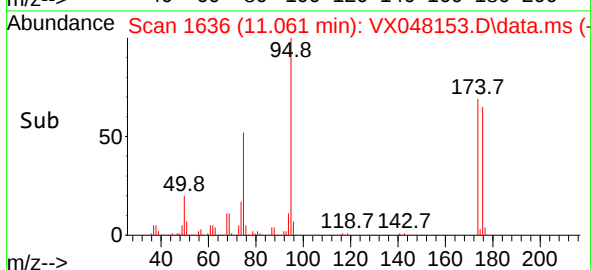
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#62
4-Bromofluorobenzene
Concen: 55.785 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02



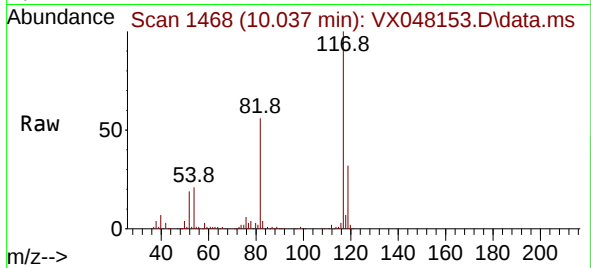
Tgt Ion: 95 Resp: 104295
Ion Ratio Lower Upper
95 100
174 71.0 0.0 141.6
176 68.0 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

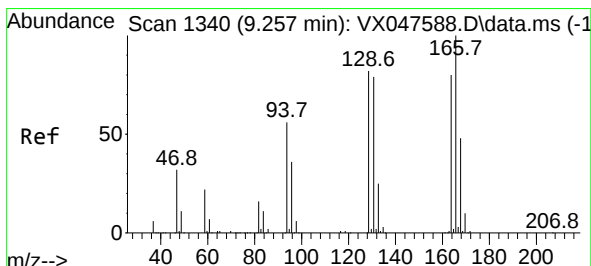
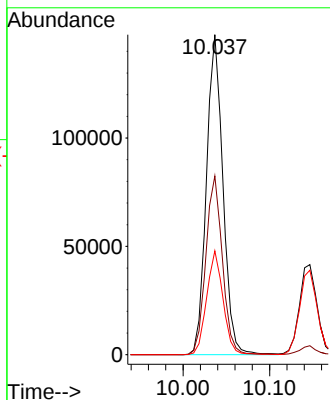
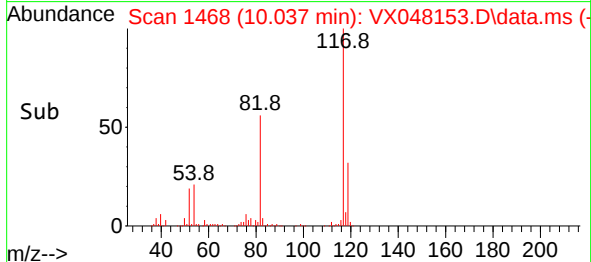
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 195629
Ion Ratio Lower Upper
117 100
82 55.9 47.8 71.6
119 32.5 25.2 37.8

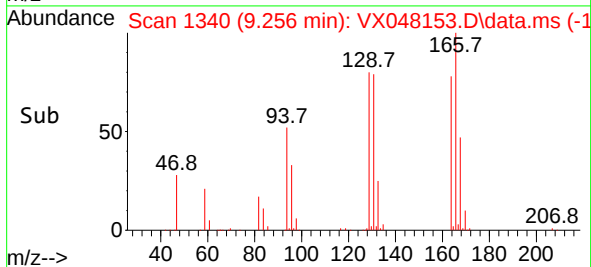
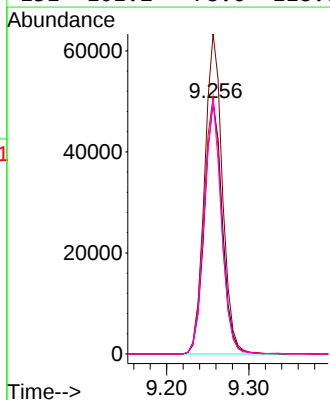
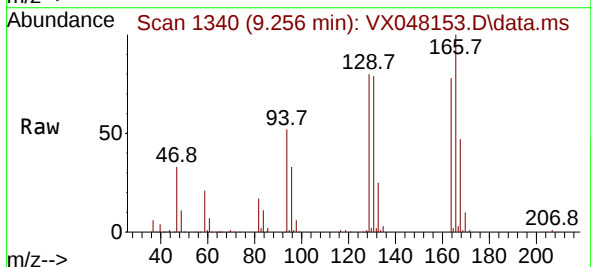
Manual Integrations
APPROVED

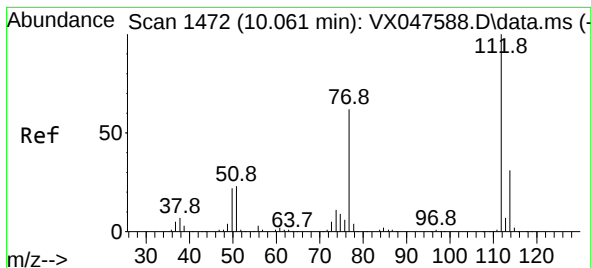
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#64
Tetrachloroethene
Concen: 58.763 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

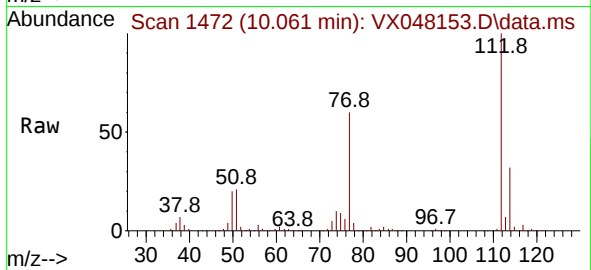
Tgt Ion:164 Resp: 74940
Ion Ratio Lower Upper
164 100
166 127.7 100.2 150.2
129 102.6 81.8 122.6
131 101.2 78.6 118.0





#65
Chlorobenzene
Concen: 54.406 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

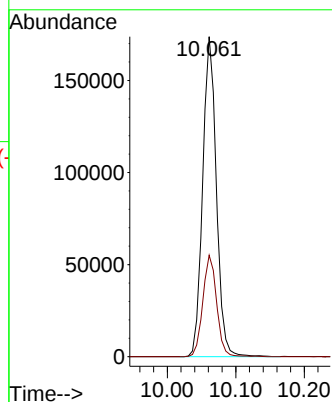
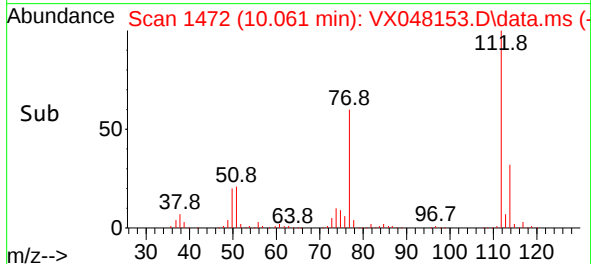
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



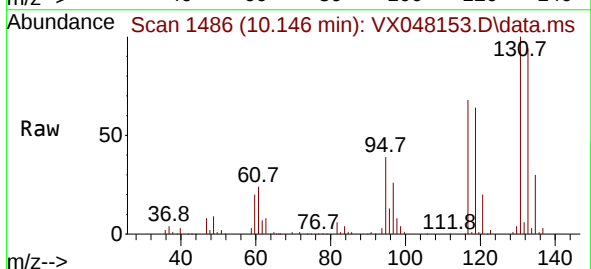
Tgt Ion:112 Resp: 241798
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

Manual Integrations
APPROVED

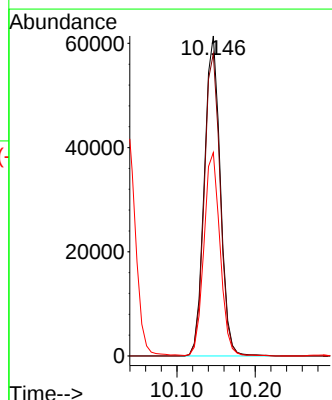
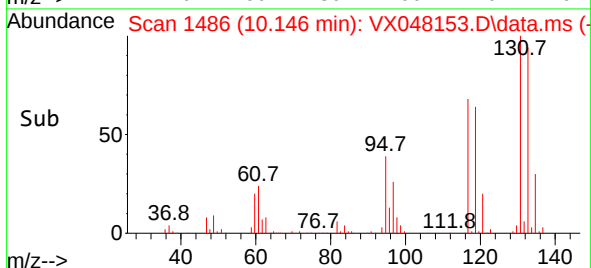
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

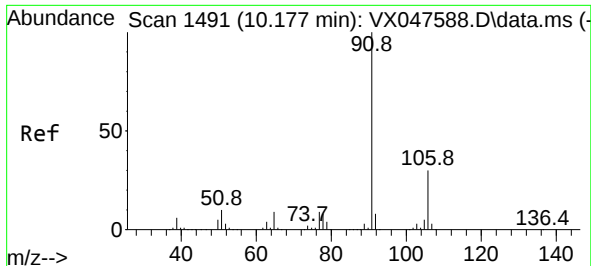


#66
1,1,1,2-Tetrachloroethane
Concen: 56.554 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02



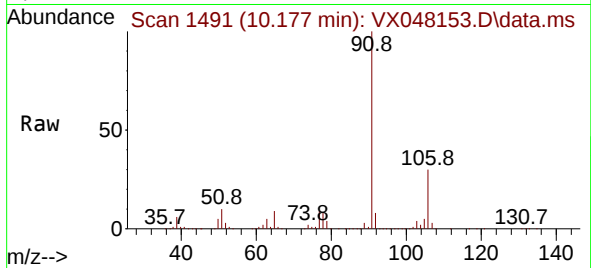
Tgt Ion:131 Resp: 86732
Ion Ratio Lower Upper
131 100
133 94.8 47.3 142.0
119 64.4 32.0 96.0





#67
Ethyl Benzene
Concen: 55.162 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

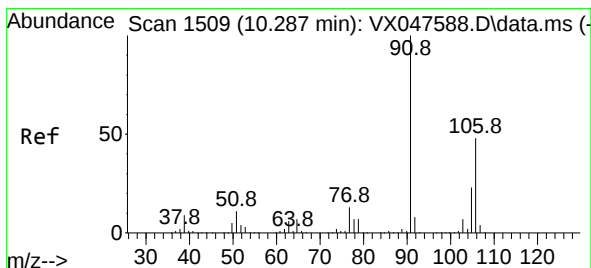
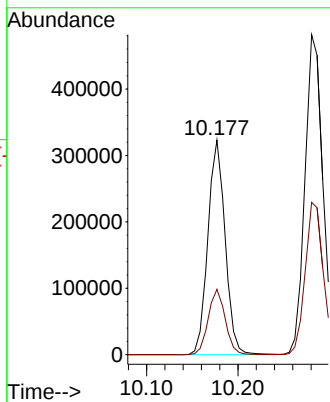
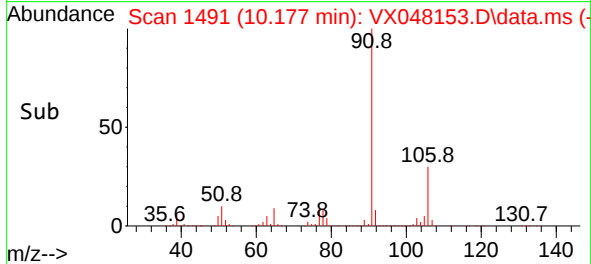
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 423004
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

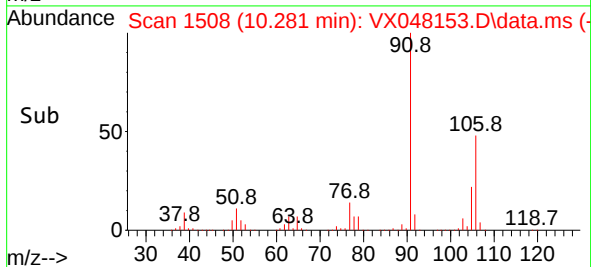
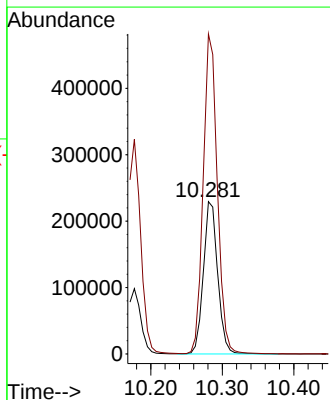
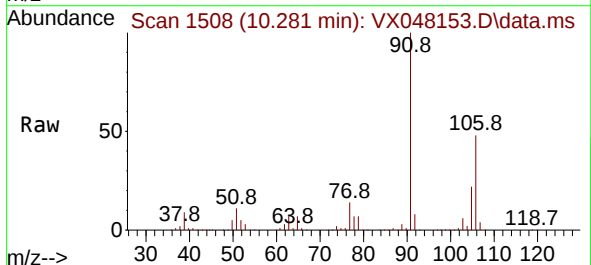
Manual Integrations
APPROVED

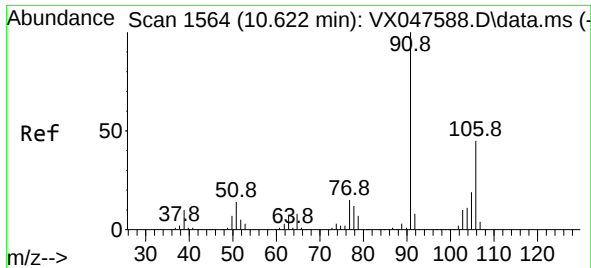
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#68
m/p-Xylenes
Concen: 111.573 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:106 Resp: 318453
Ion Ratio Lower Upper
106 100
91 208.3 167.8 251.8





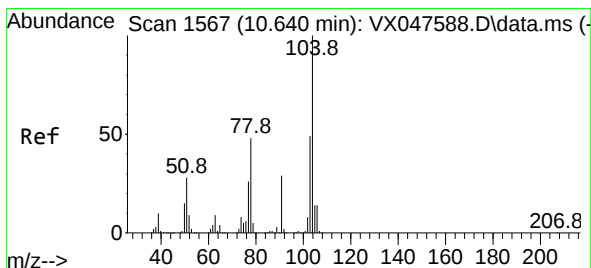
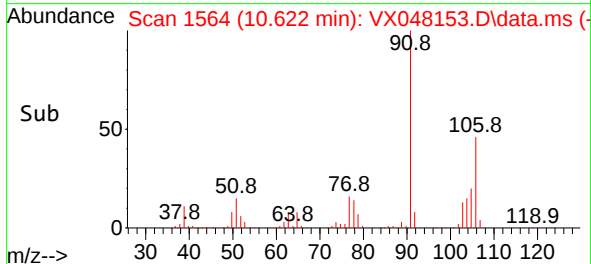
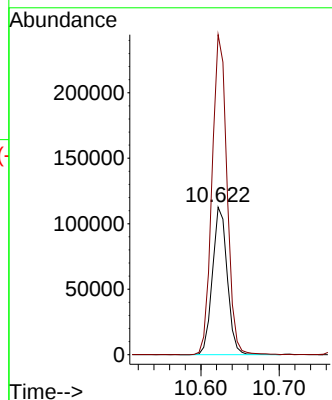
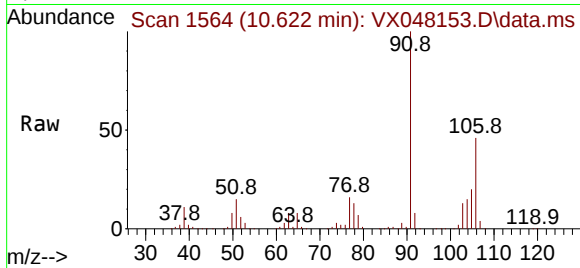
#69
o-Xylene
Concen: 53.430 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 147504
Ion Ratio Lower Upper
106 100
91 219.5 111.1 333.4

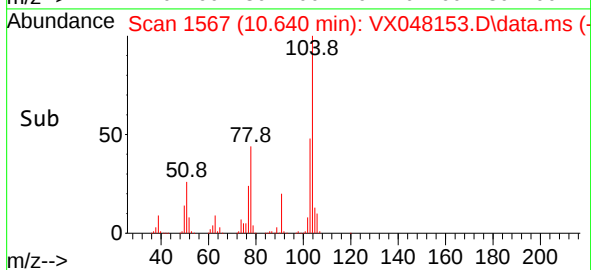
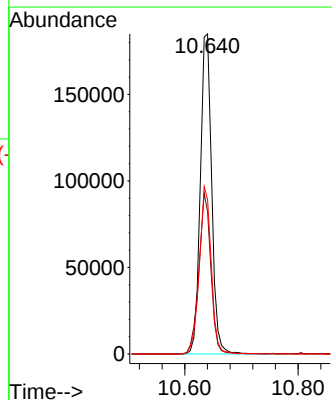
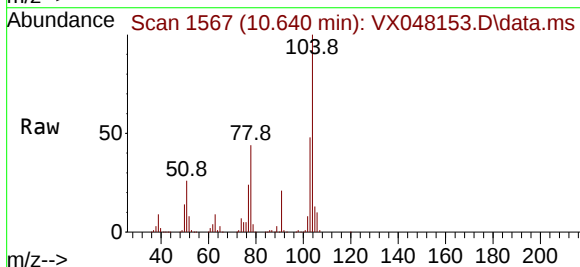
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#70
Styrene
Concen: 53.377 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:104 Resp: 258201
Ion Ratio Lower Upper
104 100
78 52.6 43.1 64.7
103 54.7 43.1 64.7





#71

Bromoform

Concen: 54.014 ug/l

RT: 10.780 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 6185

Ion Ratio Lower Upper

173 100

175 48.4 24.9 74.6

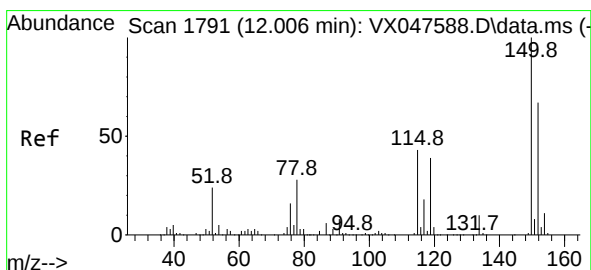
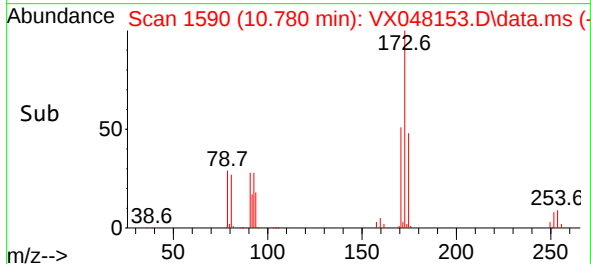
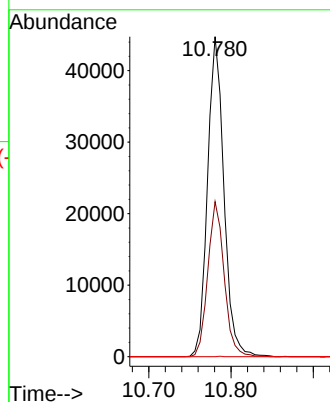
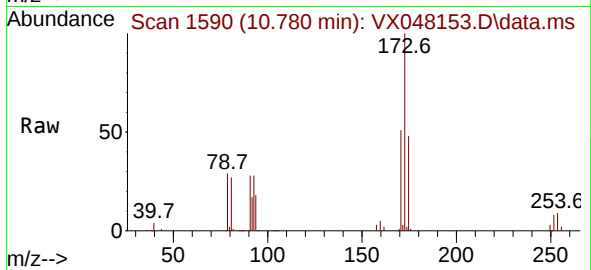
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

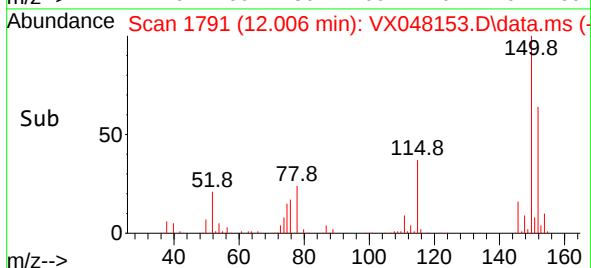
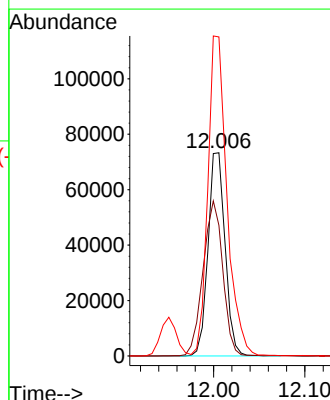
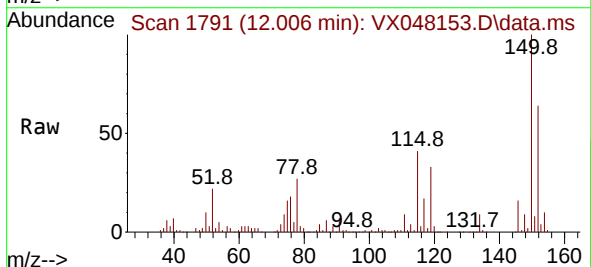
Tgt Ion:152 Resp: 95000

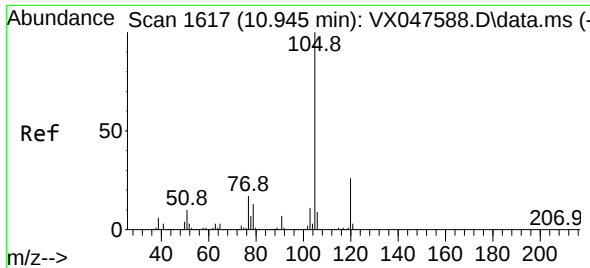
Ion Ratio Lower Upper

152 100

115 88.5 44.9 134.5

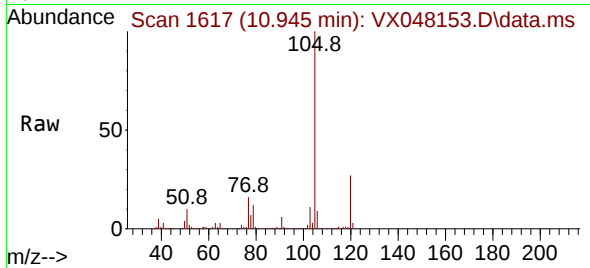
150 175.5 0.0 352.0





#73
Isopropylbenzene
Concen: 52.496 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

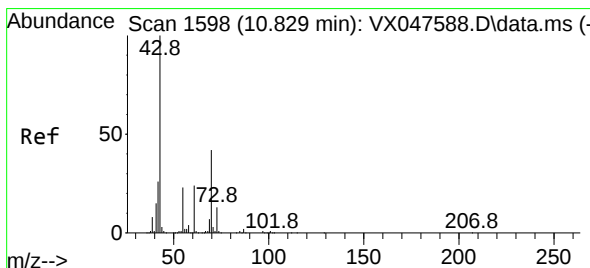
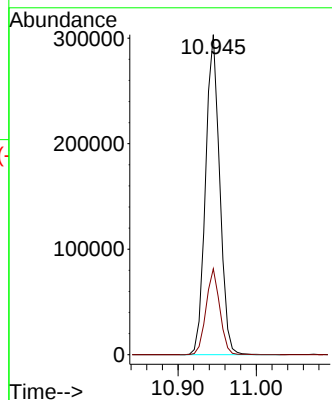
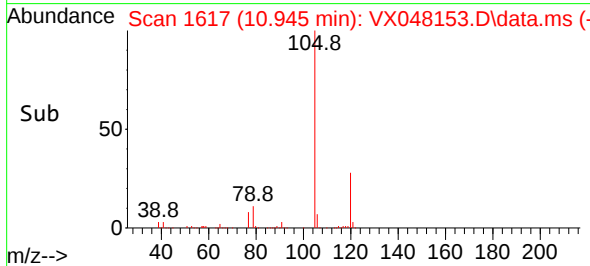
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 37915
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4

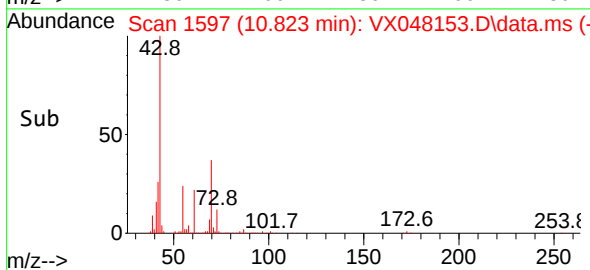
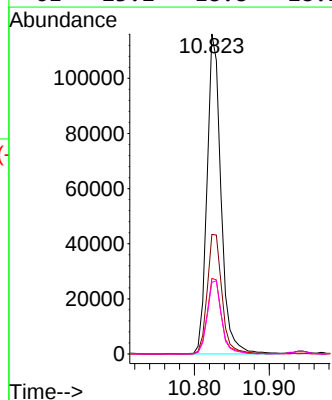
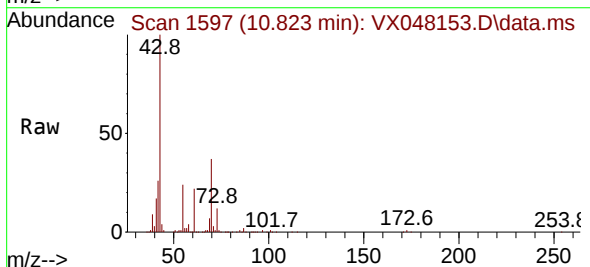
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#74
N-ethyl acetate
Concen: 45.741 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

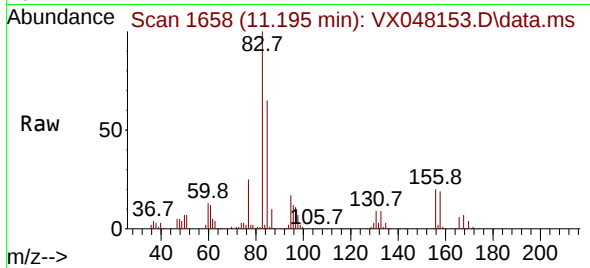
Tgt Ion: 43 Resp: 150652
Ion Ratio Lower Upper
43 100
70 39.4 32.0 48.0
55 24.7 18.9 28.3
61 23.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.321 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

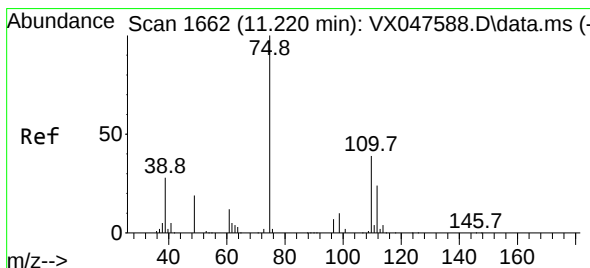
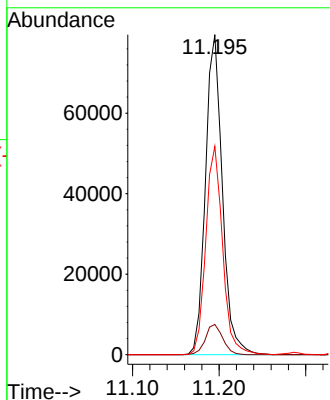
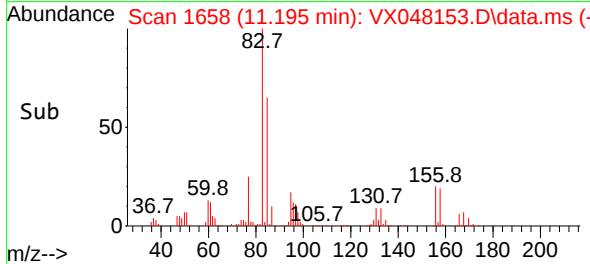
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 107774
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.9 31.6 95.0

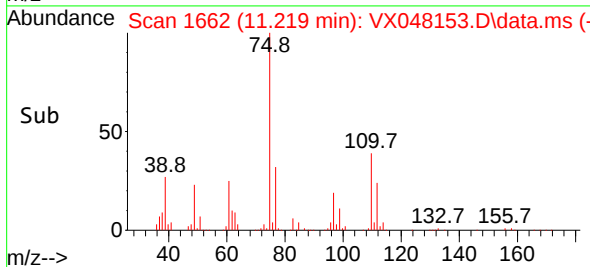
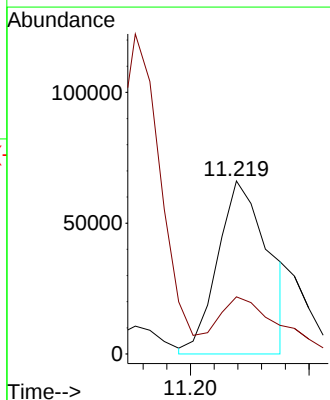
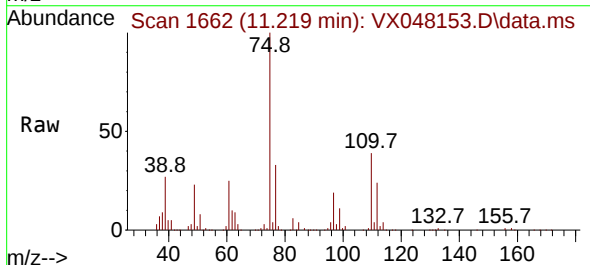
Manual Integrations
APPROVED

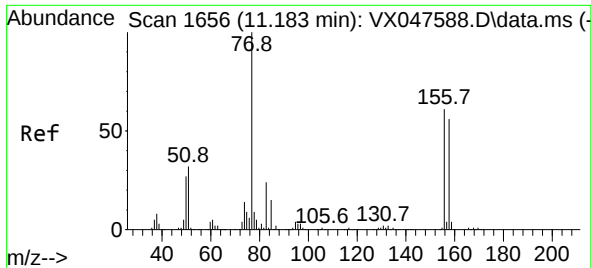
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#76
1,2,3-Trichloropropane
Concen: 50.893 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 75 Resp: 97890
Ion Ratio Lower Upper
75 100
77 40.5 18.8 56.4





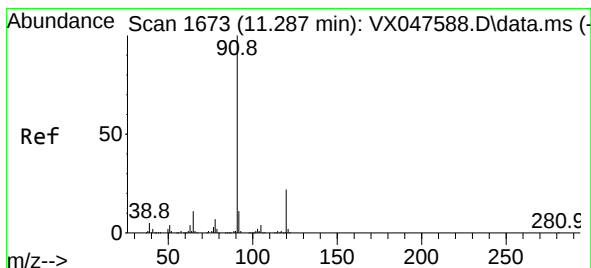
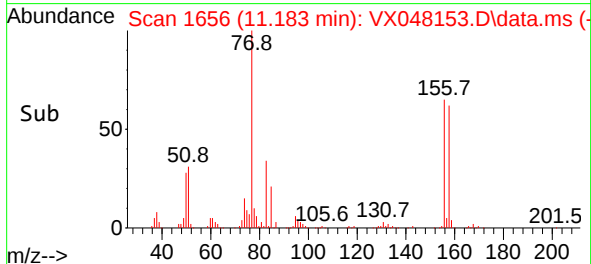
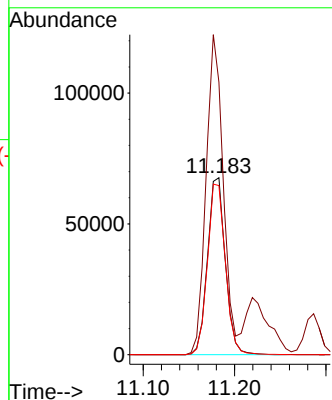
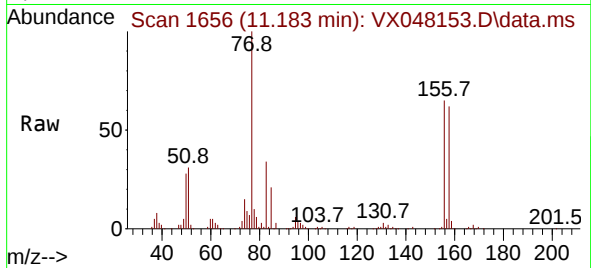
#77
Bromobenzene
Concen: 51.393 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 9142
Ion Ratio Lower Upper
156 100
77 173.0 89.7 269.1
158 97.5 47.9 143.6

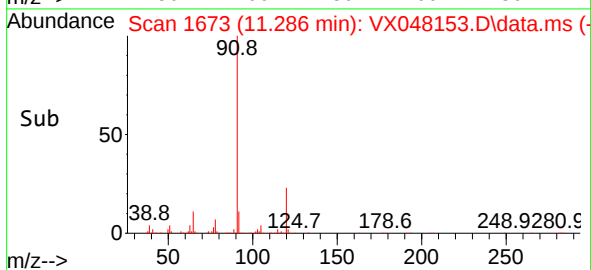
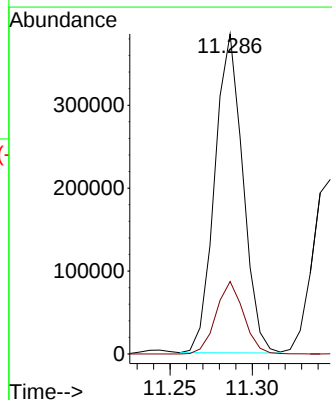
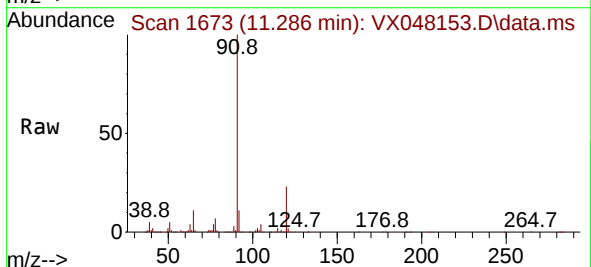
Manual Integrations
APPROVED

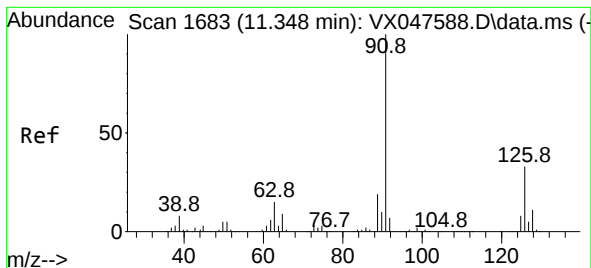
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#78
n-propylbenzene
Concen: 53.607 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 91 Resp: 457693
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1





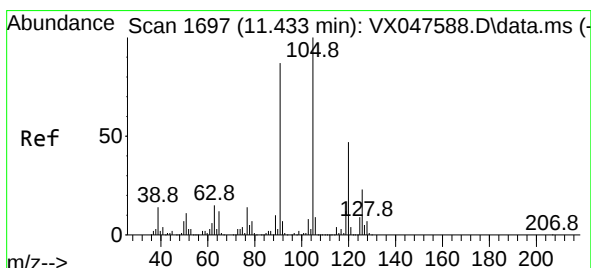
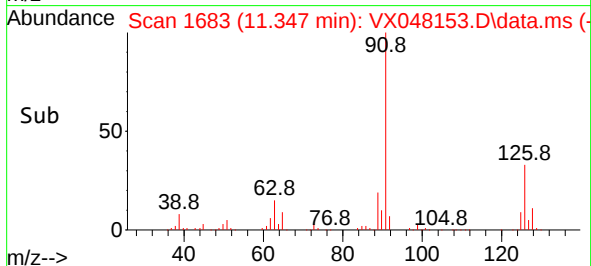
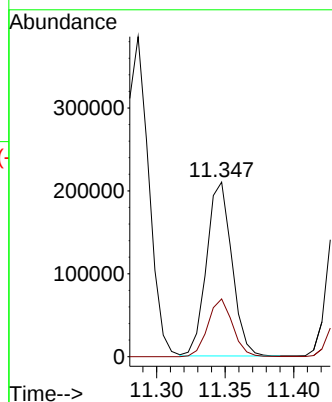
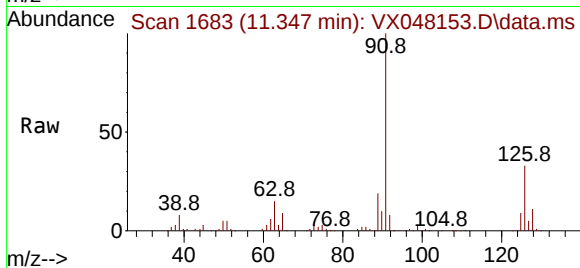
#79
2-Chlorotoluene
Concen: 51.503 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 269324
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.3

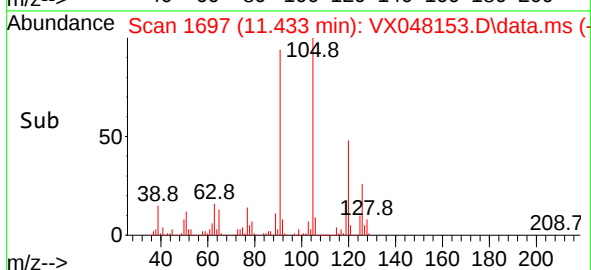
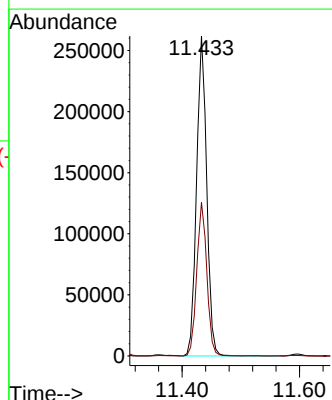
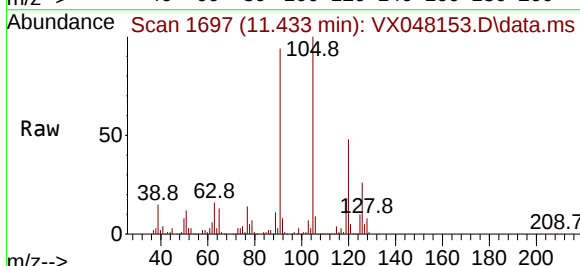
Manual Integrations
APPROVED

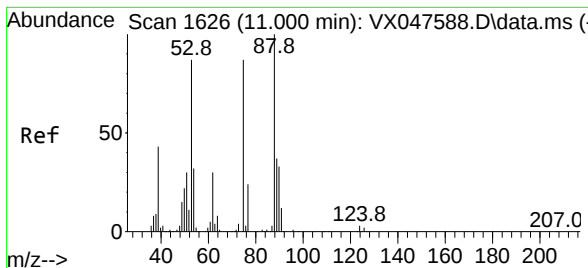
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.746 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

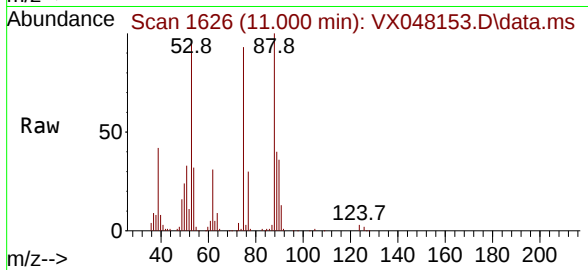
Tgt Ion:105 Resp: 312991
Ion Ratio Lower Upper
105 100
120 47.9 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 46.604 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

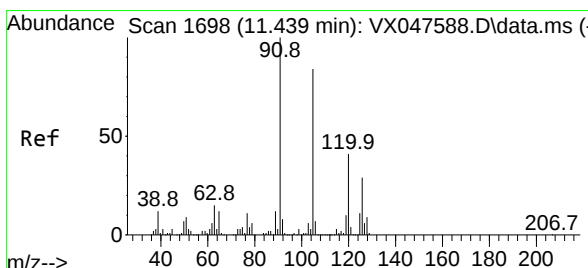
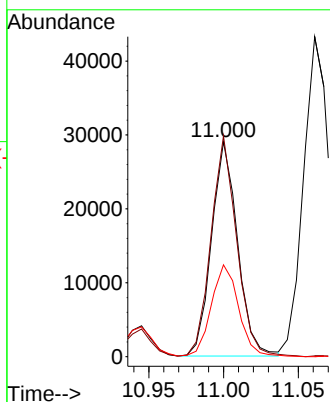
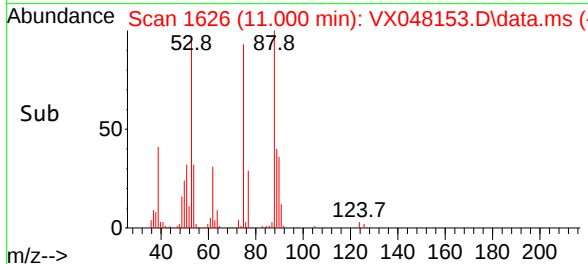
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 3515
Ion Ratio Lower Upper
75 100
53 101.8 83.4 125.2
89 45.3 36.3 54.5

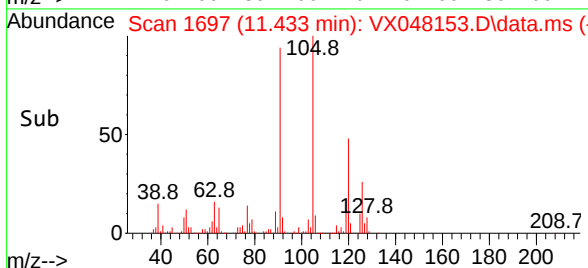
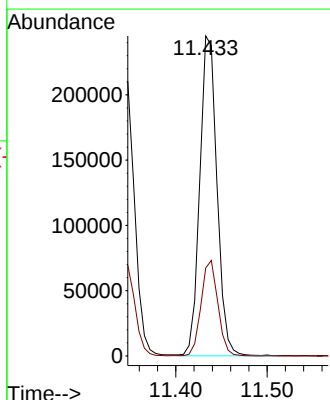
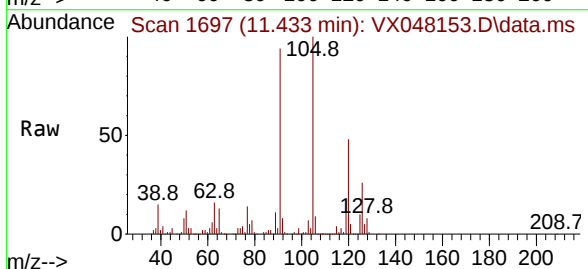
Manual Integrations
APPROVED

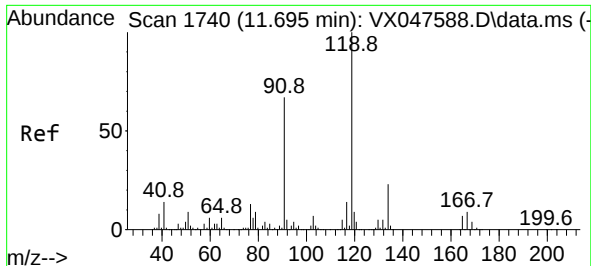
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#82
4-Chlorotoluene
Concen: 51.769 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

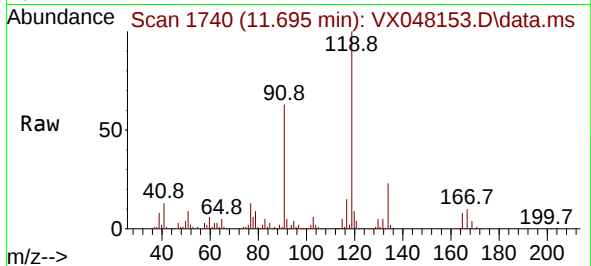
Tgt Ion: 91 Resp: 319730
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.789 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

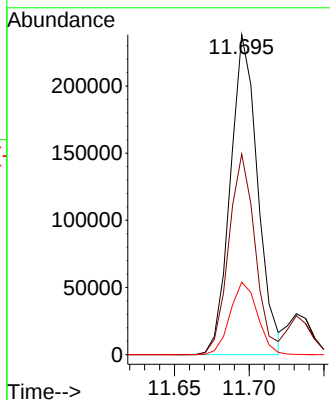
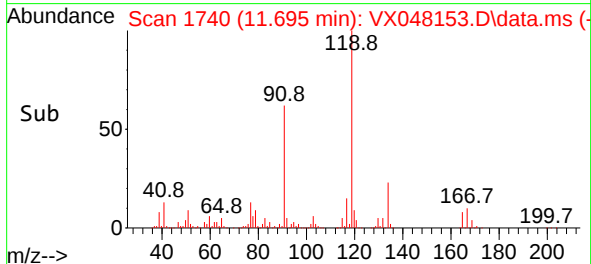
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



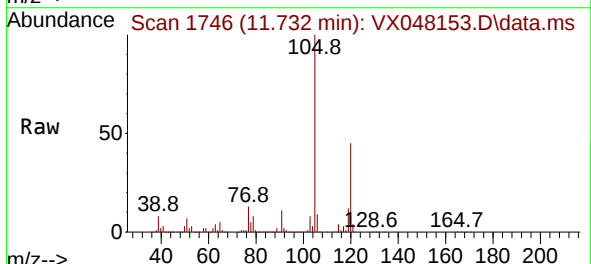
Tgt Ion:119 Resp: 302438
Ion Ratio Lower Upper
119 100
91 60.9 29.6 88.8
134 22.8 11.0 33.0

Manual Integrations
APPROVED

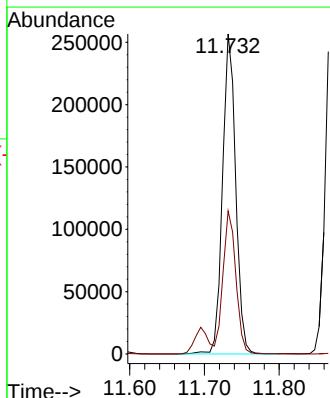
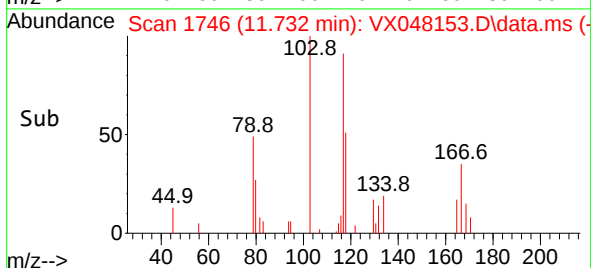
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

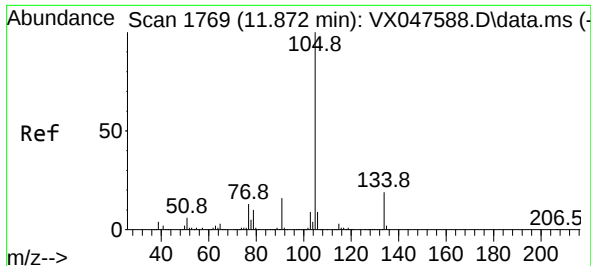


#84
1,2,4-Trimethylbenzene
Concen: 52.326 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02



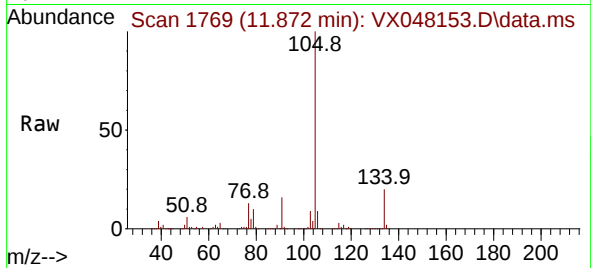
Tgt Ion:105 Resp: 314796
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 52.657 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048153.D
 Acq: 14 Oct 2025 10:02

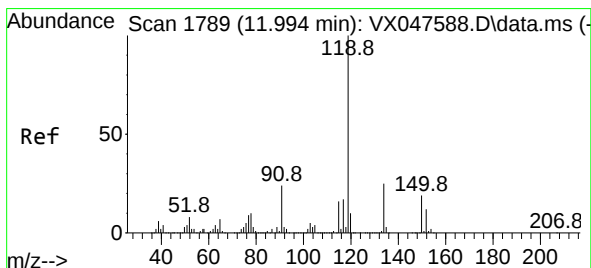
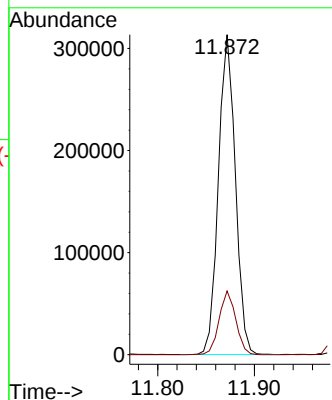
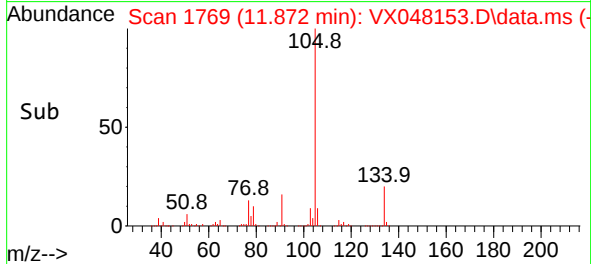
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 379933
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5

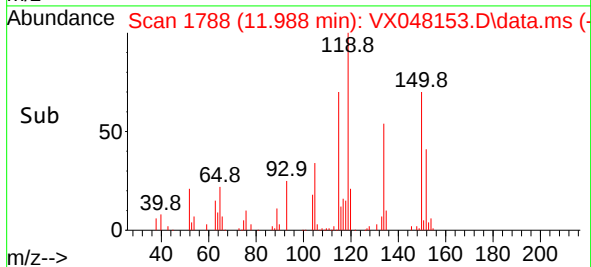
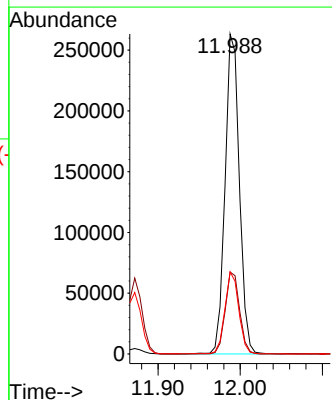
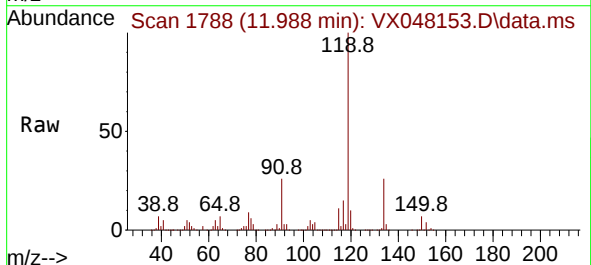
Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/15/2025
 Supervised By :Mahesh Dadoda 10/16/2025



#86
 p-Isopropyltoluene
 Concen: 52.167 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.006 min
 Lab File: VX048153.D
 Acq: 14 Oct 2025 10:02

Tgt Ion:119 Resp: 318657
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 25.1 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 51.154 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 16901

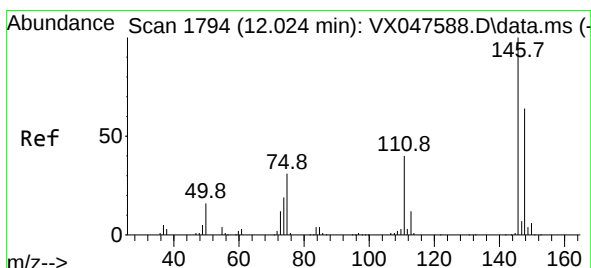
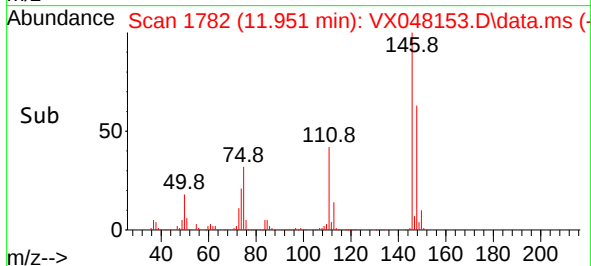
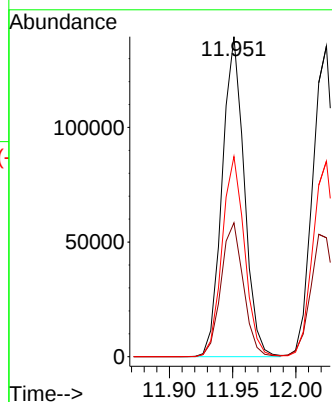
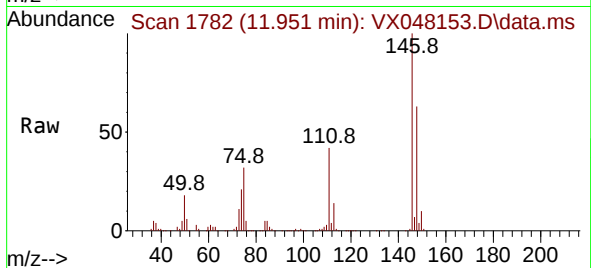
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.5	64.5
148	63.5	32.0	96.0

Manual Integrations

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Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#88

1,4-Dichlorobenzene

Concen: 50.386 ug/l

RT: 12.024 min Scan# 1794

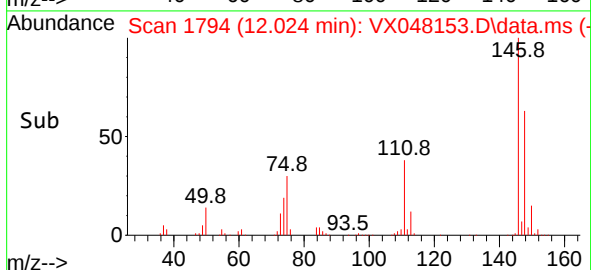
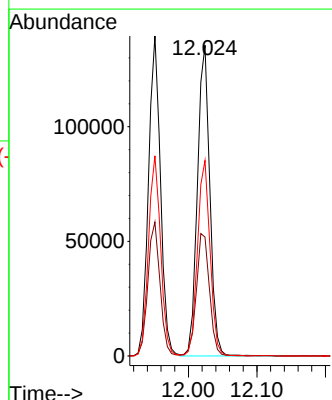
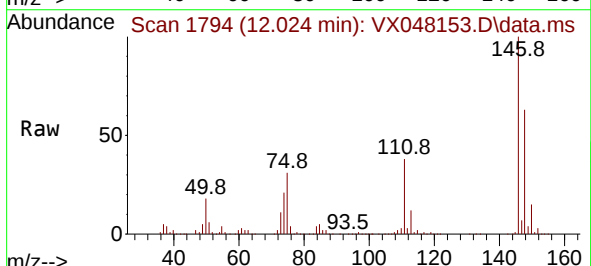
Delta R.T. -0.000 min

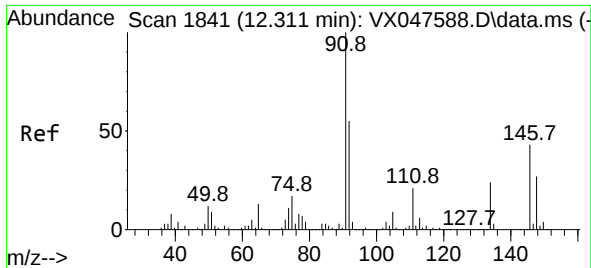
Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

Tgt Ion:146 Resp: 170864

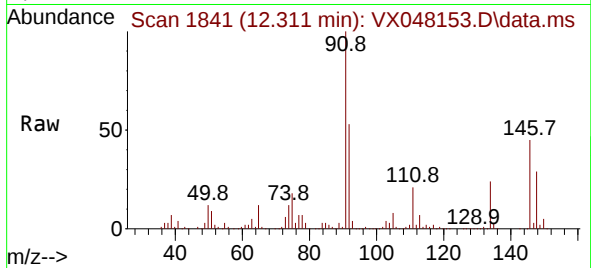
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.4
148	63.5	31.7	95.1





#89
n-Butylbenzene
Concen: 52.013 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

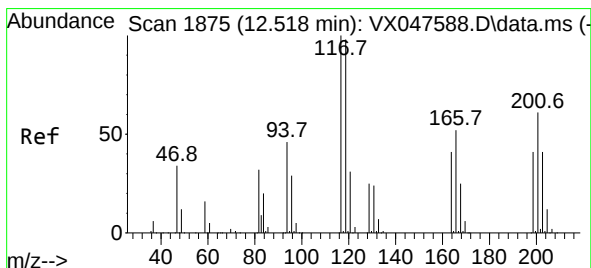
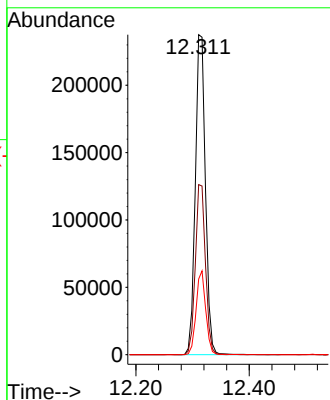
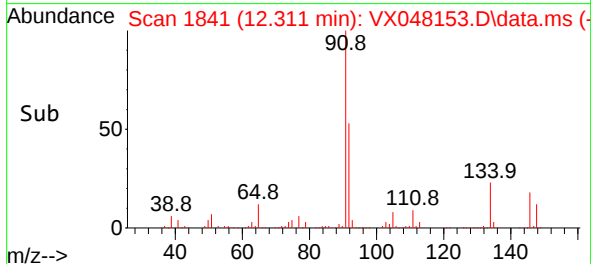
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 29398
Ion Ratio Lower Upper
91 100
92 53.3 27.6 82.7
134 24.9 12.6 37.8

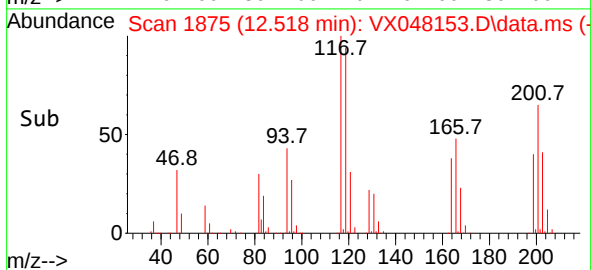
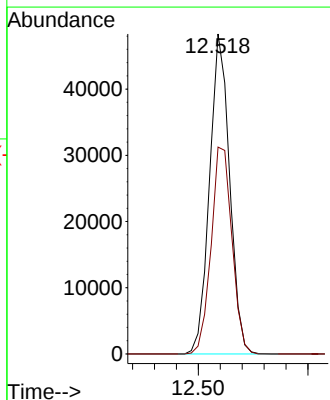
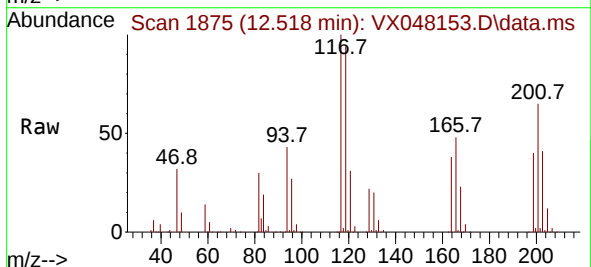
Manual Integrations
APPROVED

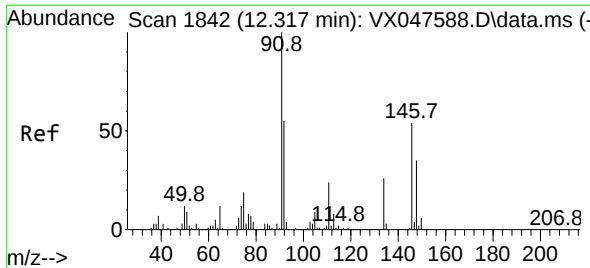
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#90
Hexachloroethane
Concen: 57.198 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

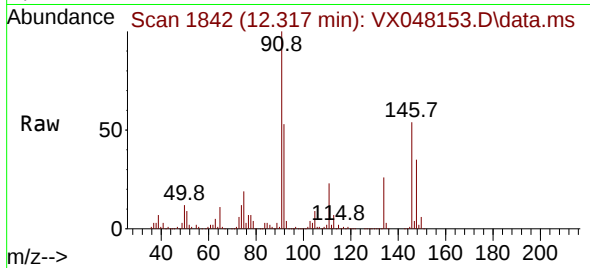
Tgt Ion:117 Resp: 61342
Ion Ratio Lower Upper
117 100
201 67.4 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 50.687 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

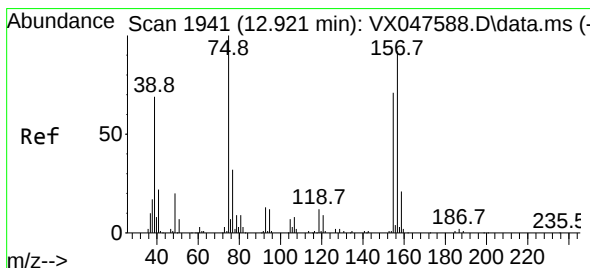
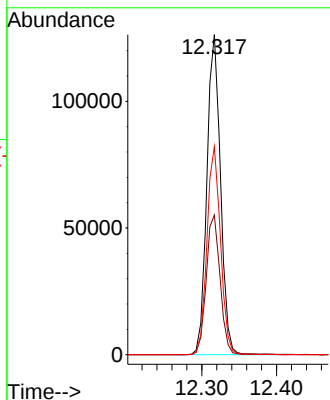
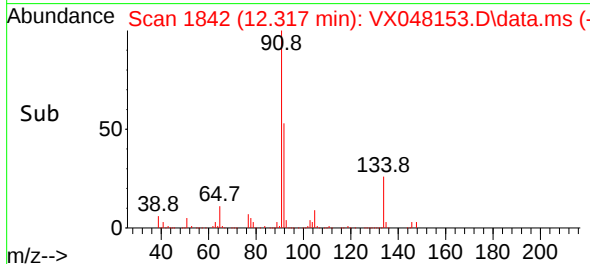
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



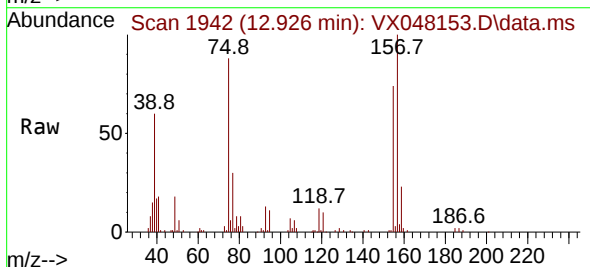
Tgt Ion:146 Resp: 159552
Ion Ratio Lower Upper
146 100
111 44.4 22.2 66.6
148 64.8 31.8 95.4

Manual Integrations
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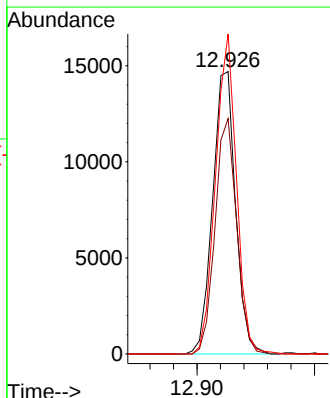
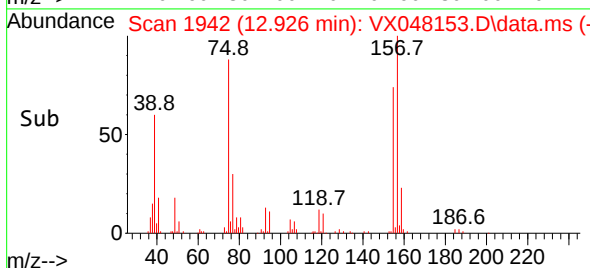
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.030 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02



Tgt Ion: 75 Resp: 19922
Ion Ratio Lower Upper
75 100
155 78.4 37.7 113.1
157 103.4 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 47.675 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

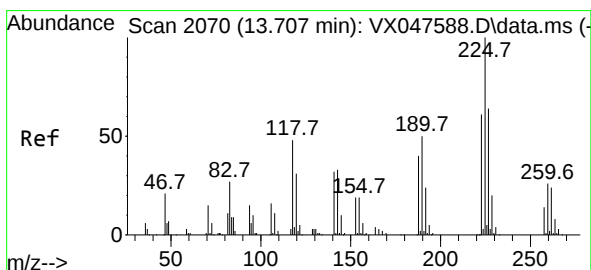
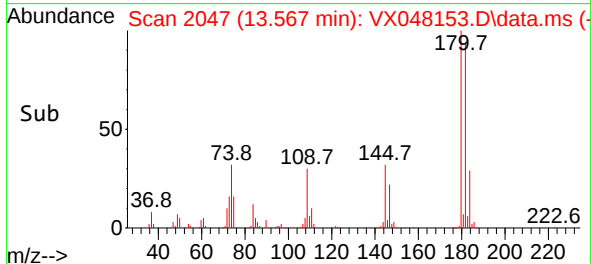
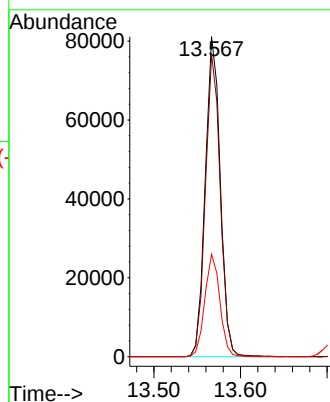
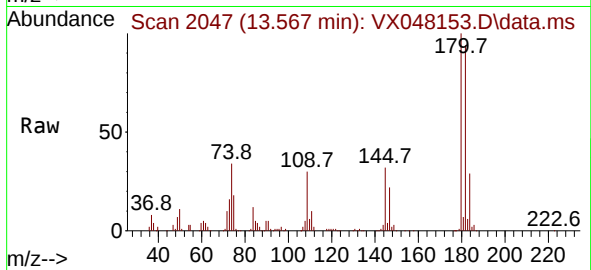
Tgt Ion:180	Resp:	9753
Ion Ratio	Lower	Upper
180	100	
182	93.9	46.6 139.8
145	32.1	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#94

Hexachlorobutadiene

Concen: 49.395 ug/l

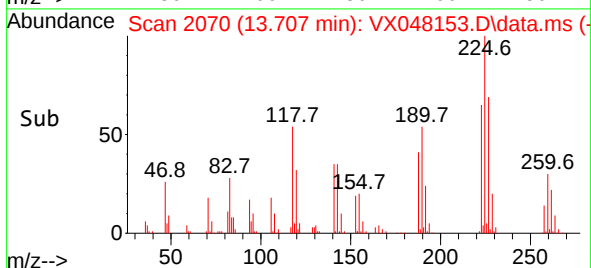
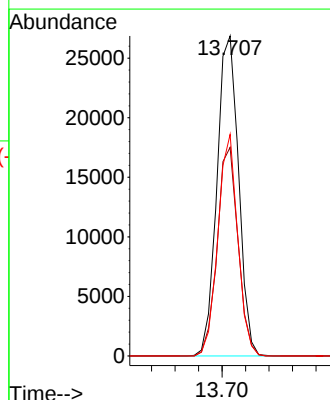
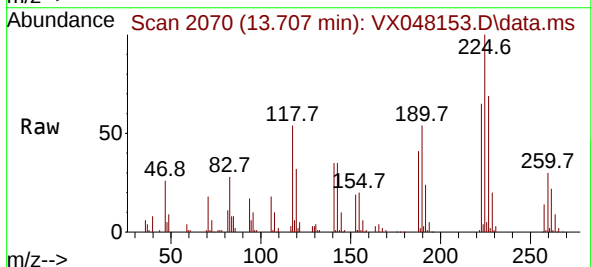
RT: 13.707 min Scan# 2070

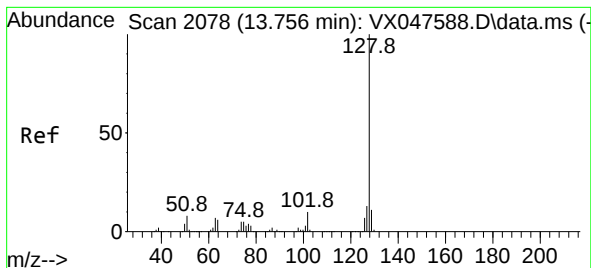
Delta R.T. -0.000 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

Tgt Ion:225	Resp:	34324
Ion Ratio	Lower	Upper
225	100	
223	62.8	31.7 95.1
227	63.6	32.0 96.0





#95

Naphthalene

Concen: 45.578 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

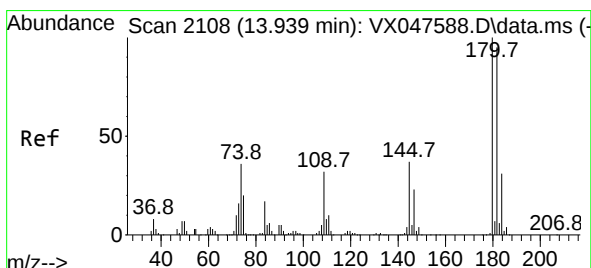
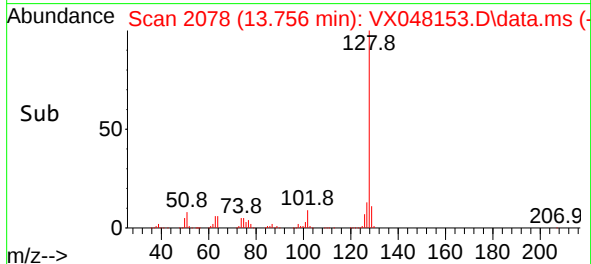
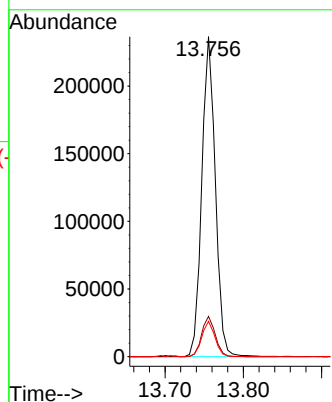
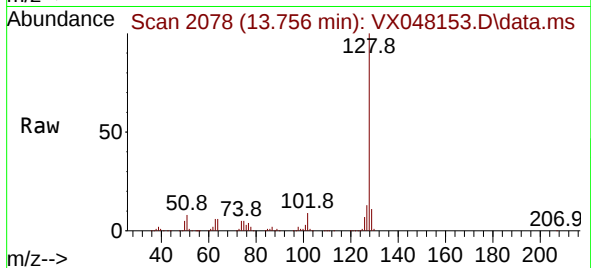
Tgt Ion:128 Resp: 283930
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.2 15.2
 129 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/15/2025

Supervised By :Mahesh Dadoda 10/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.208 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048153.D

Acq: 14 Oct 2025 10:02

Tgt Ion:180 Resp: 91741
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.8
 145 34.4 17.9 53.7

