

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048355.D
 Acq On : 27 Oct 2025 09:05
 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 10/28/2025
 Supervised By : Mahesh Dadoda 10/28/2025

Quant Time: Oct 28 01:43:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	128546	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	221660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	197395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	97107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	102955	57.124	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.240%			
35) Dibromofluoromethane	5.361	113	65372	43.199	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 86.400%			
50) Toluene-d8	8.628	98	265050	49.970	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.940%			
62) 4-Bromofluorobenzene	11.061	95	101680	50.390	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	60391	45.700	ug/l	97
3) Chloromethane	1.301	50	34159	27.693	ug/l	99
4) Vinyl Chloride	1.380	62	82569	72.289	ug/l	100
5) Bromomethane	1.611	94	34079	43.964	ug/l	98
6) Chloroethane	1.691	64	52021	77.506	ug/l	96
7) Trichlorofluoromethane	1.892	101	137418	62.731	ug/l	98
8) Diethyl Ether	2.130	74	54742	88.813	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	74431	53.657	ug/l	98
10) Methyl Iodide	2.453	142	297592	170.651	ug/l	99
11) Tert butyl alcohol	2.934	59	45280	253.037	ug/l	99
12) 1,1-Dichloroethene	2.325	96	73840	54.714	ug/l	95
13) Acrolein	2.233	56	59318	325.021	ug/l	100
14) Allyl chloride	2.660	41	135414	60.436	ug/l	97
15) Acrylonitrile	3.050	53	190072	294.566	ug/l	98
16) Acetone	2.373	43	101484	164.135	ug/l	98
17) Carbon Disulfide	2.514	76	206126	48.462	ug/l	100
18) Methyl Acetate	2.691	43	82375	63.795	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	281947	61.239	ug/l	98
20) Methylene Chloride	2.782	84	89167	59.186	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	81699	55.112	ug/l	95
22) Diisopropyl ether	3.745	45	306477	68.579	ug/l	94
23) Vinyl Acetate	3.709	43	1059204	296.708	ug/l	100
24) 1,1-Dichloroethane	3.599	63	162828	60.256	ug/l	98
25) 2-Butanone	4.526	43	178867	228.555	ug/l	96
26) 2,2-Dichloropropane	4.458	77	140783	57.720	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	101994	58.953	ug/l	98
28) Bromochloromethane	4.879	49	65875	58.793	ug/l	97
29) Tetrahydrofuran	4.983	42	135821	289.781	ug/l	98
30) Chloroform	5.074	83	172560	59.771	ug/l	98
31) Cyclohexane	5.452	56	123464	55.187	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	145395	54.644	ug/l	99
36) 1,1-Dichloropropene	5.672	75	104651	48.656	ug/l	99
37) Ethyl Acetate	4.690	43	96184	53.952	ug/l	99
38) Carbon Tetrachloride	5.660	117	121738	45.877	ug/l	98
39) Methylcyclohexane	7.360	83	128636	50.642	ug/l	97
40) Benzene	6.019	78	336921	53.954	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	54332	58.033	ug/l	98
42) 1,2-Dichloroethane	6.062	62	134544	58.388	ug/l	99
43) Isopropyl Acetate	6.312	43	174656	59.642	ug/l	99
44) Trichloroethene	7.104	130	84695	51.365	ug/l	96
45) 1,2-Dichloropropane	7.409	63	87538	58.961	ug/l	96
46) Dibromomethane	7.562	93	64397	55.674	ug/l	98
47) Bromodichloromethane	7.799	83	138966	55.643	ug/l	98
48) Methyl methacrylate	7.671	41	87827	59.435	ug/l	99
49) 1,4-Dioxane	7.641	88	18864	966.279	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	480393	284.523	ug/l	99
52) Toluene	8.702	92	207865	52.397	ug/l	100
53) t-1,3-Dichloropropene	8.958	75	128067	53.212	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	131198	50.527	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	80878	54.822	ug/l	97
56) Ethyl methacrylate	9.098	69	123158	57.075	ug/l	99
57) 1,3-Dichloropropane	9.287	76	140660	55.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.220	63	343743	295.946	ug/l	99
59) 2-Hexanone	9.409	43	298977	253.948	ug/l	100
60) Dibromochloromethane	9.500	129	102592	51.739	ug/l	100
61) 1,2-Dibromoethane	9.592	107	83935	53.368	ug/l	98
64) Tetrachloroethene	9.256	164	74288	50.413	ug/l	98
65) Chlorobenzene	10.061	112	235375	53.007	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.147	131	84894	52.052	ug/l	99
67) Ethyl Benzene	10.177	91	398991	52.775	ug/l	99
68) m/p-Xylenes	10.281	106	302203	107.585	ug/l	100
69) o-Xylene	10.622	106	146433	53.997	ug/l	100
70) Styrene	10.634	104	255432	55.316	ug/l	98
71) Bromoform	10.781	173	62908	48.260	ug/l #	99
73) Isopropylbenzene	10.945	105	375481	52.939	ug/l	100
74) N-amyl acetate	10.823	43	155140	61.665	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	101475	52.390	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	83629m	53.106	ug/l	
77) Bromobenzene	11.177	156	93954	52.830	ug/l	99
78) n-propylbenzene	11.287	91	452247	55.070	ug/l	100
79) 2-Chlorotoluene	11.348	91	274388	55.110	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	313791	53.461	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	23819	36.799	ug/l #	12
82) 4-Chlorotoluene	11.433	91	323214	54.685	ug/l	99
83) tert-Butylbenzene	11.695	119	309158	51.264	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	319307	54.510	ug/l	99
85) sec-Butylbenzene	11.872	105	387069	53.347	ug/l	99
86) p-Isopropyltoluene	11.988	119	328504	52.381	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	171851	51.258	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	173880	50.063	ug/l	99
89) n-Butylbenzene	12.311	91	311650	54.597	ug/l	99
90) Hexachloroethane	12.518	117	59508	48.050	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	165525	52.585	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	20263	51.538	ug/l	92
93) 1,2,4-Trichlorobenzene	13.567	180	112208	52.712	ug/l	99
94) Hexachlorobutadiene	13.707	225	43438	54.450	ug/l	99
95) Naphthalene	13.756	128	299825	53.163	ug/l	99
96) 1,2,3-Trichlorobenzene	13.938	180	103088	52.774	ug/l	98

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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

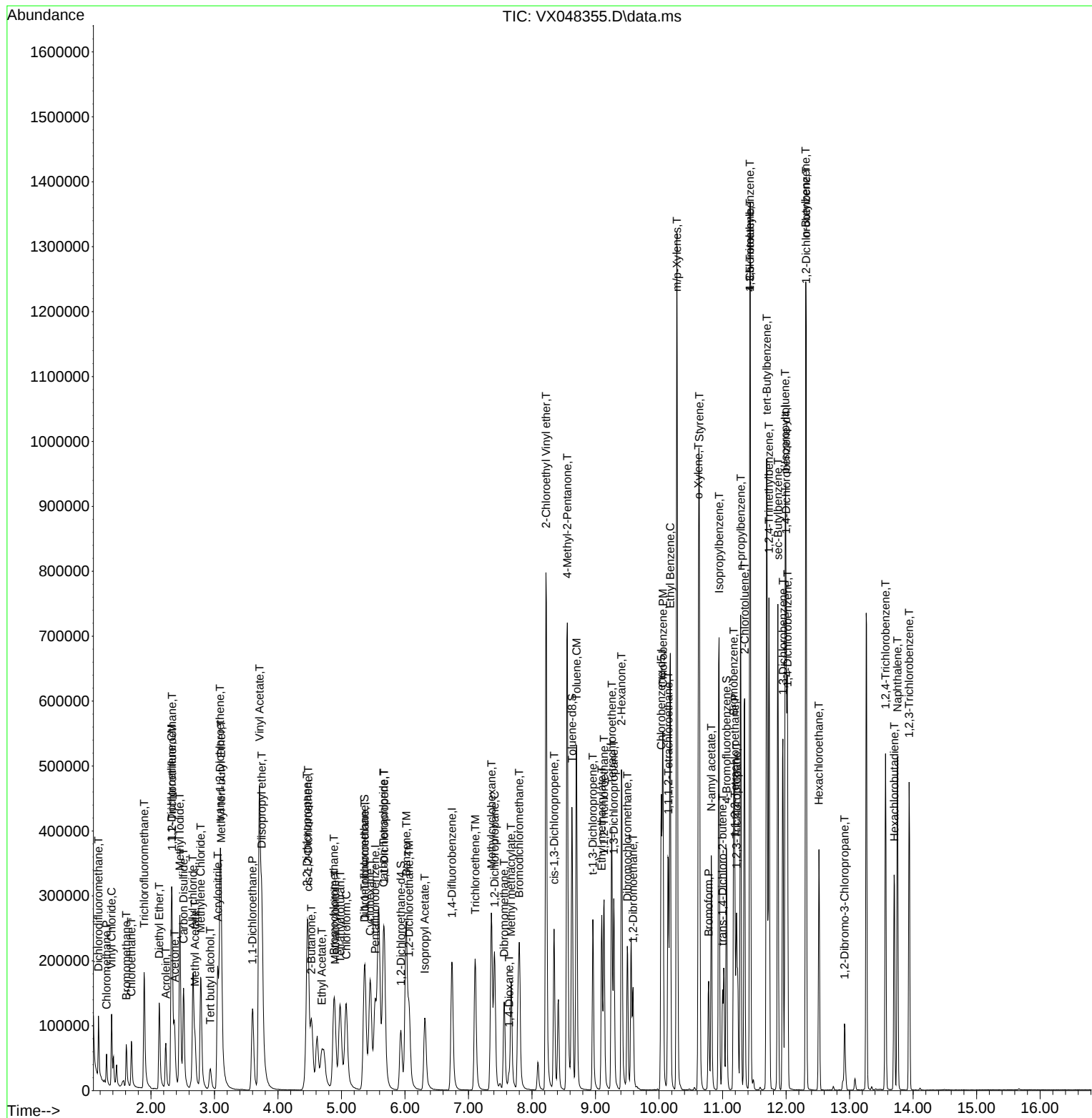
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Data File : VX048355.D  
Acq On    : 27 Oct 2025   09:05  
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ALS Vial  : 2      Sample Multiplier: 1
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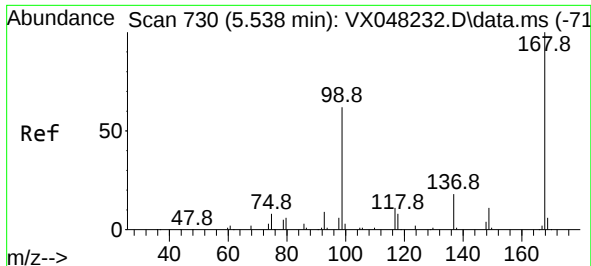
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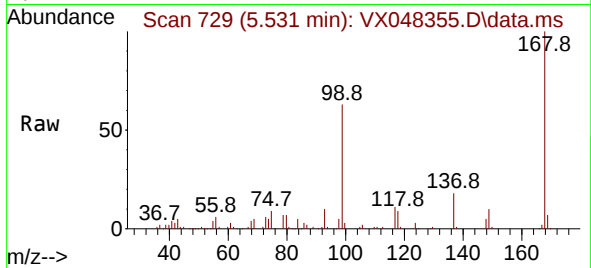
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048355.D
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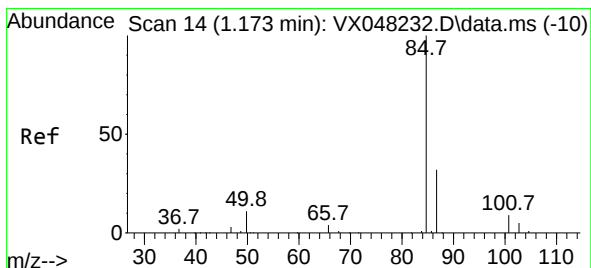
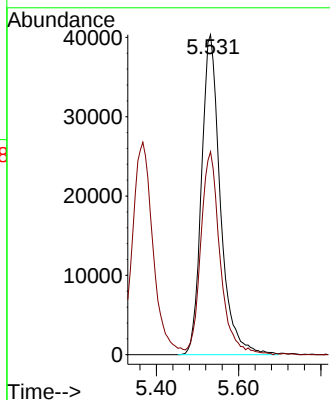
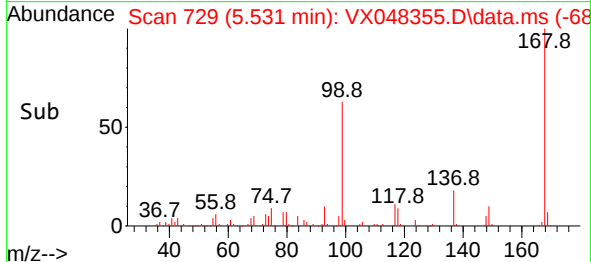
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 128540
Ion Ratio Lower Upper
168 100
99 63.2 46.4 69.6

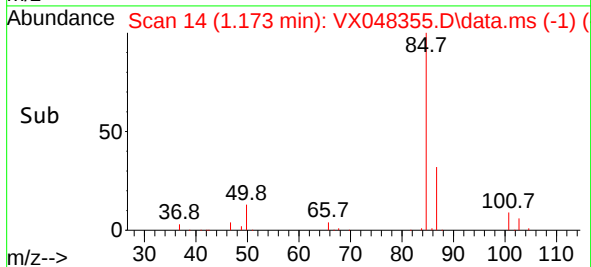
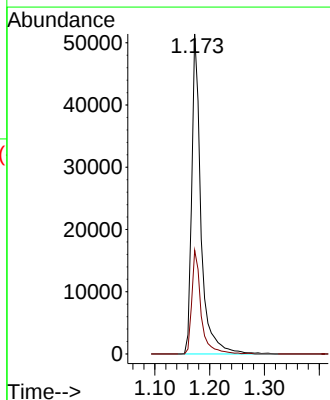
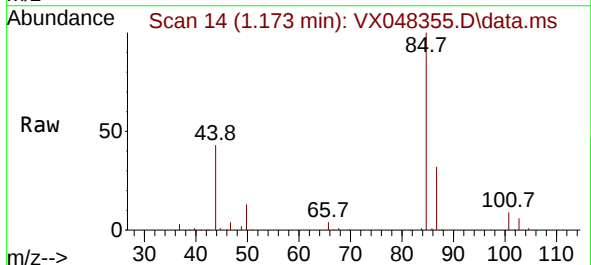
Manual Integrations
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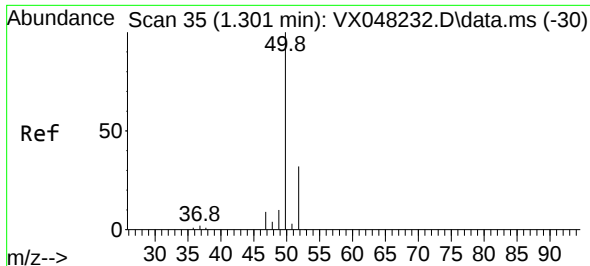
Reviewed By :John Carlone 10/28/2025
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#2
Dichlorodifluoromethane
Concen: 45.700 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

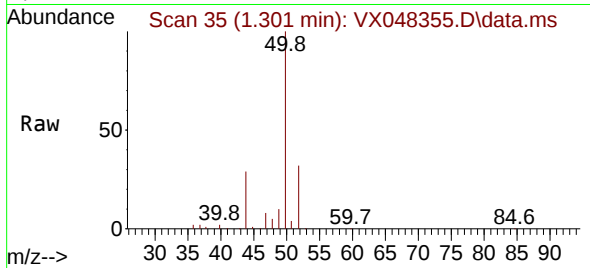
Tgt Ion: 85 Resp: 60391
Ion Ratio Lower Upper
85 100
87 32.4 15.3 45.9





#3
Chloromethane
Concen: 27.693 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

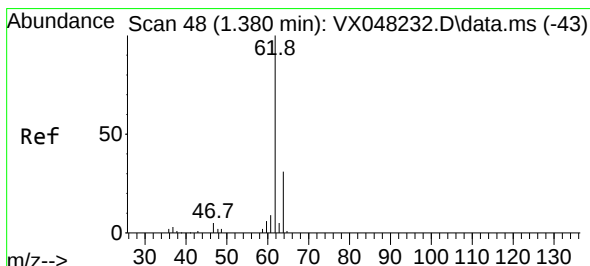
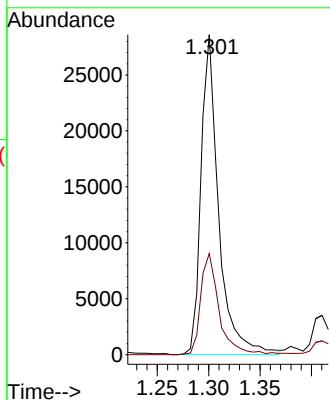
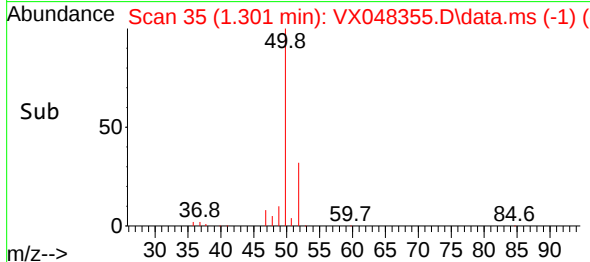
Instrument :
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Tgt Ion: 50 Resp: 34159
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9

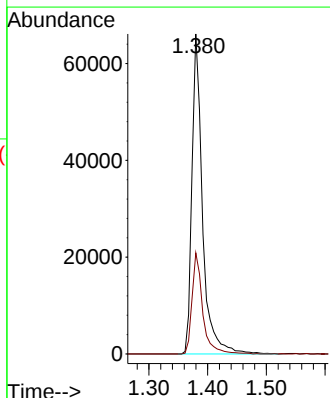
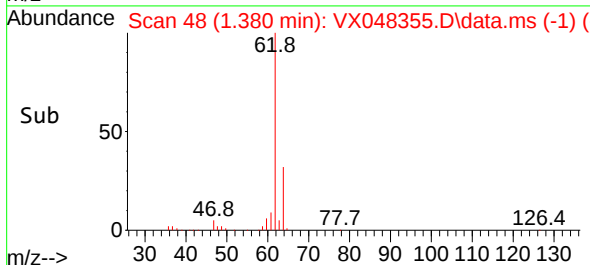
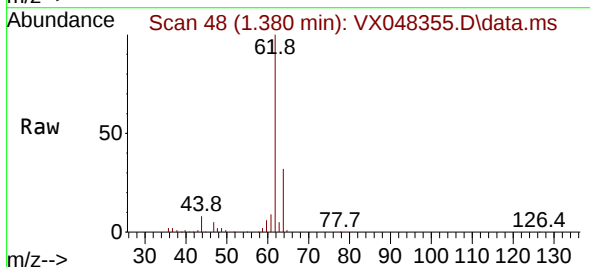
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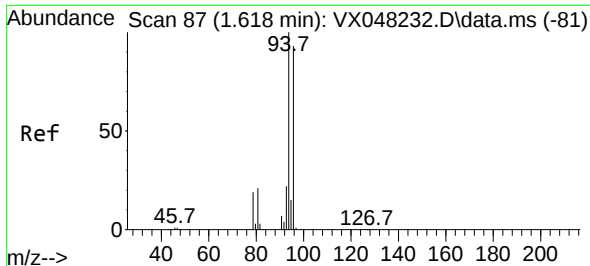
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#4
Vinyl Chloride
Concen: 72.289 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Tgt Ion: 62 Resp: 82569
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7





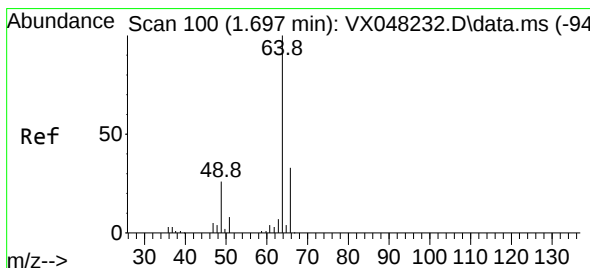
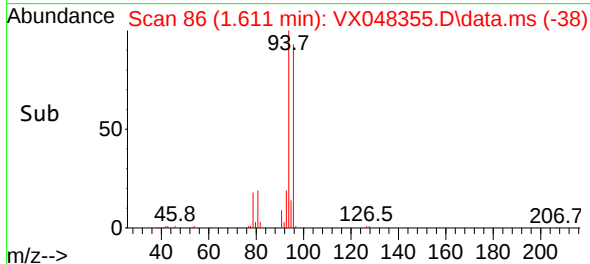
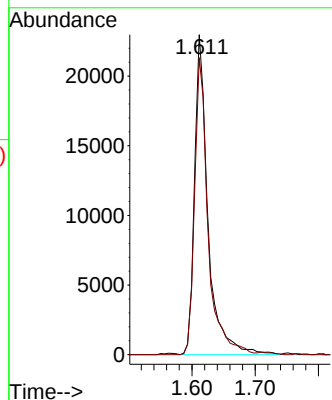
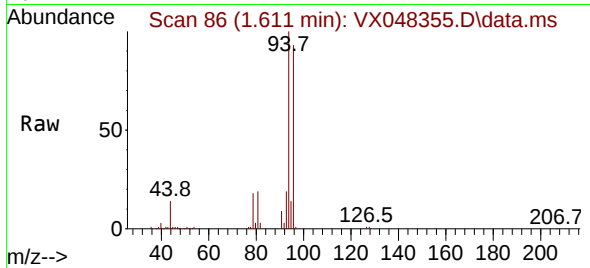
#5
Bromomethane
Concen: 43.964 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Instrument :
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Tgt Ion: 94 Resp: 34079
Ion Ratio Lower Upper
94 100
96 92.8 76.0 114.0

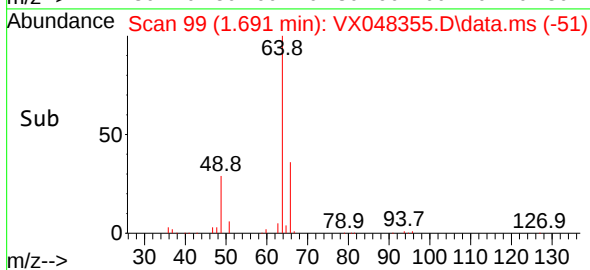
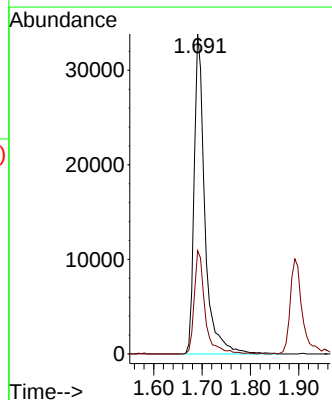
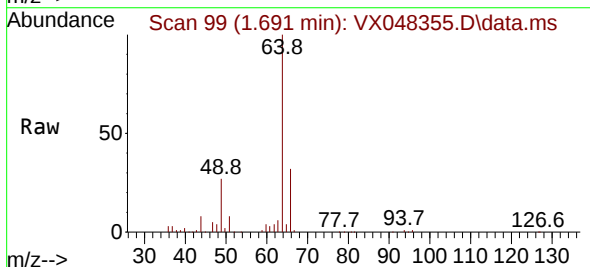
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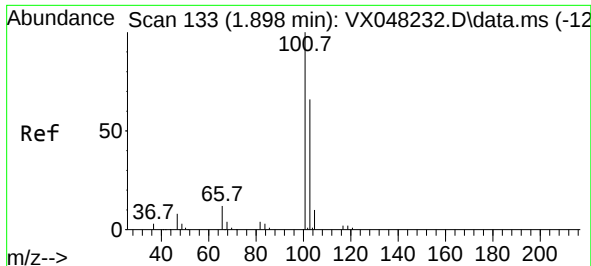
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#6
Chloroethane
Concen: 77.506 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Tgt Ion: 64 Resp: 52021
Ion Ratio Lower Upper
64 100
66 32.3 23.9 35.9





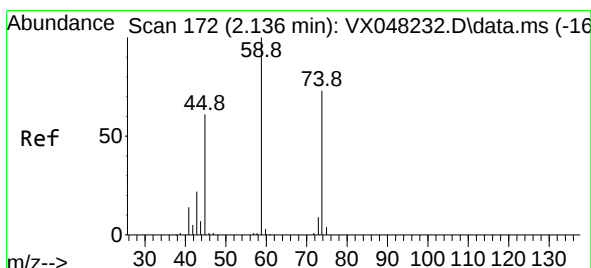
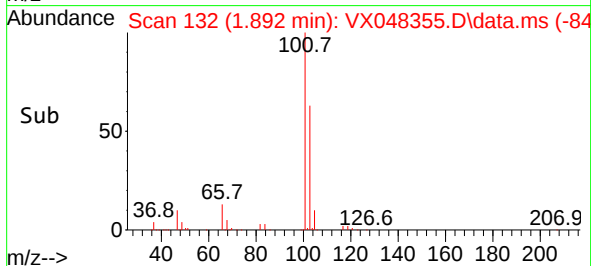
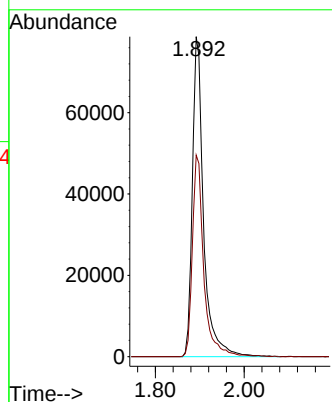
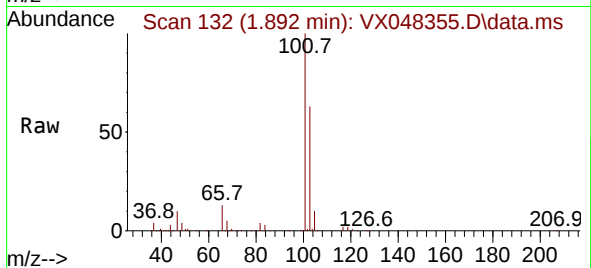
#7
Trichlorofluoromethane
Concen: 62.731 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Instrument :
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Tgt Ion:101 Resp: 137418
Ion Ratio Lower Upper
101 100
103 63.0 51.6 77.4

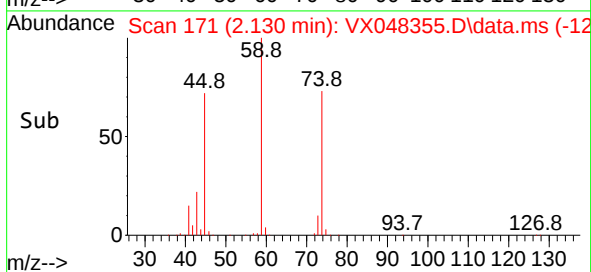
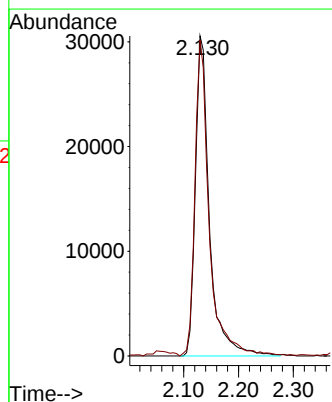
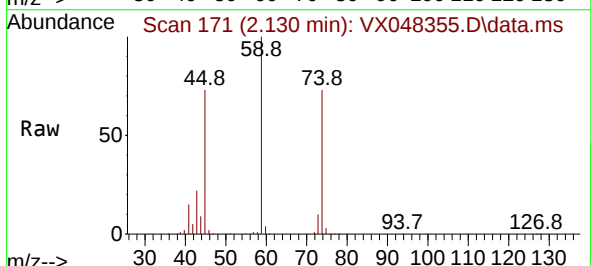
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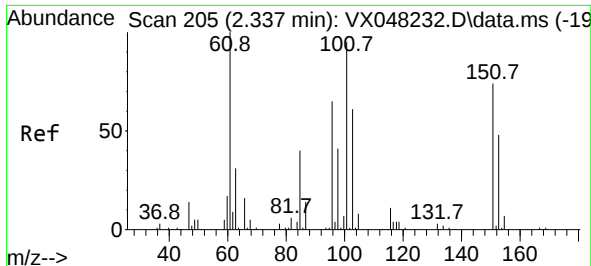
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#8
Diethyl Ether
Concen: 88.813 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Tgt Ion: 74 Resp: 54742
Ion Ratio Lower Upper
74 100
45 100.2 50.0 149.8





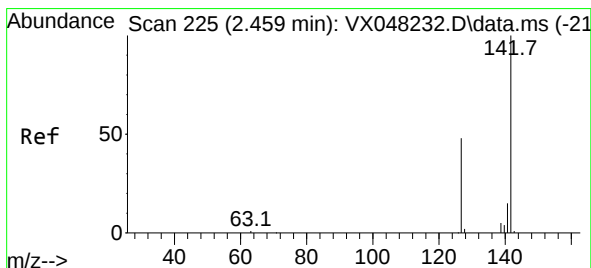
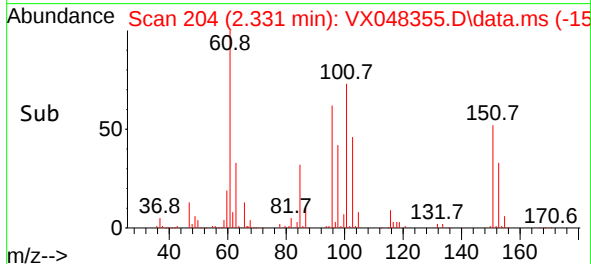
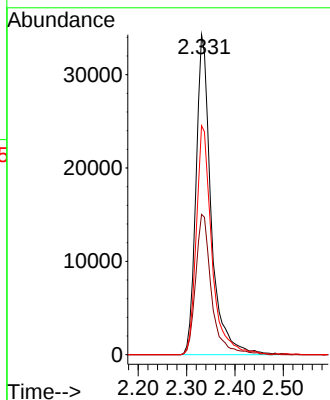
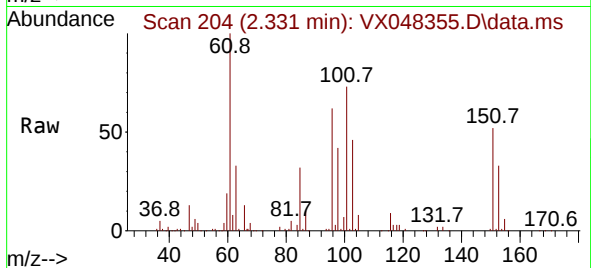
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.657 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7443
Ion Ratio Lower Upper
101 100
85 45.9 35.6 53.4
151 73.8 58.0 87.0

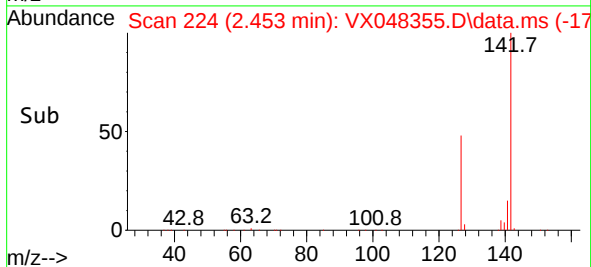
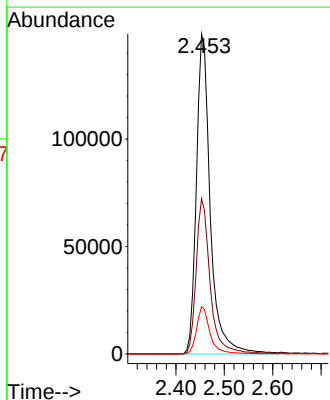
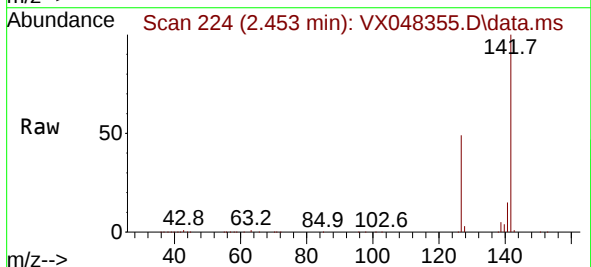
Manual Integrations
APPROVED

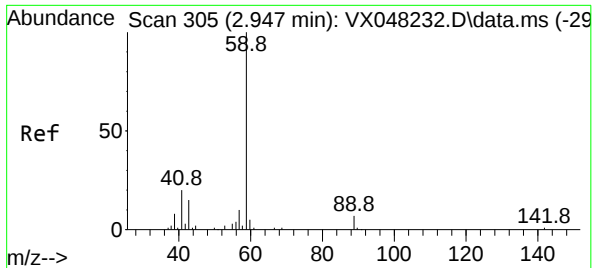
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#10
Methyl Iodide
Concen: 170.651 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

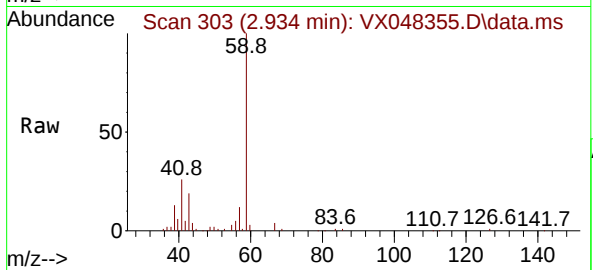
Tgt Ion:142 Resp: 297592
Ion Ratio Lower Upper
142 100
127 49.0 38.5 57.7
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 253.037 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

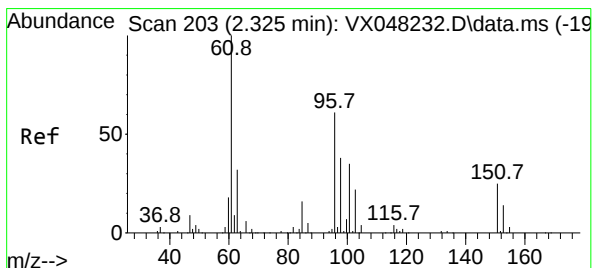
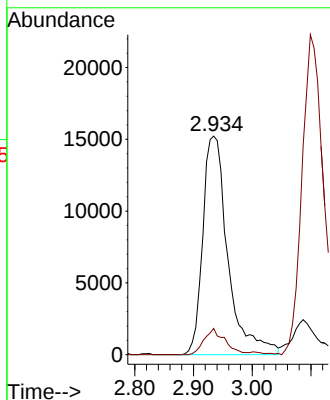
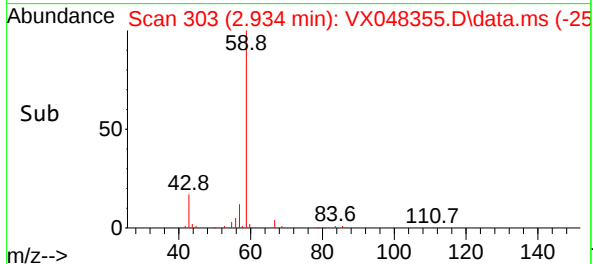
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 45280
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

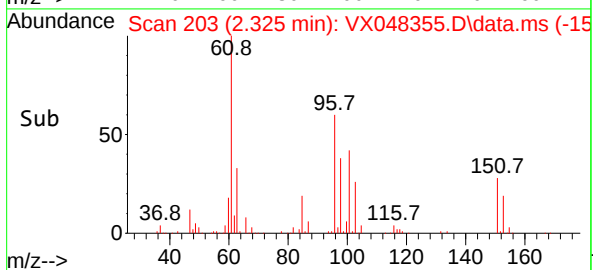
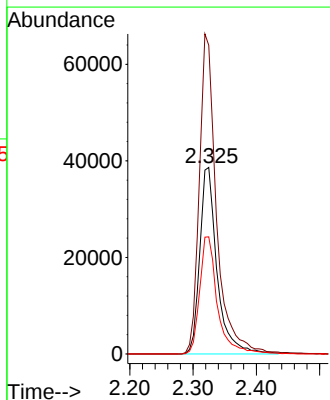
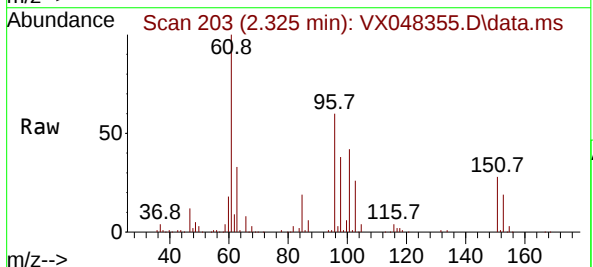
Manual Integrations
APPROVED

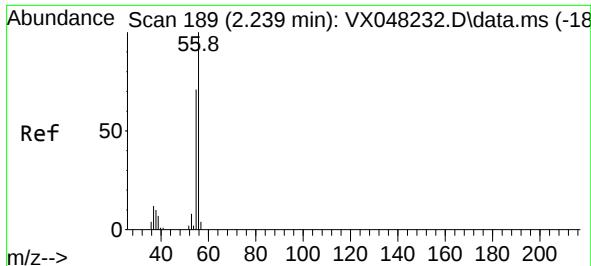
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#12
1,1-Dichloroethene
Concen: 54.714 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

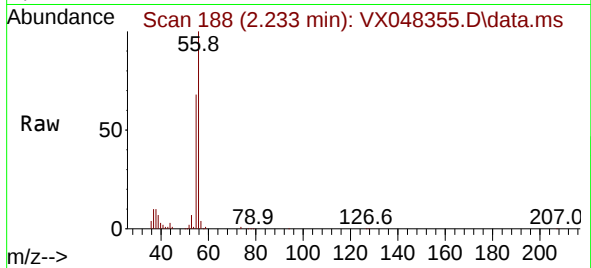
Tgt Ion: 96 Resp: 73840
Ion Ratio Lower Upper
96 100
61 165.4 139.0 208.6
98 62.8 52.4 78.6





#13
Acrolein
Concen: 325.021 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

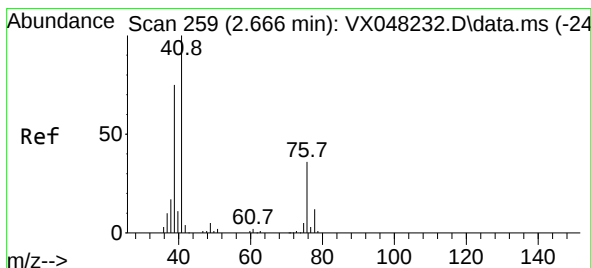
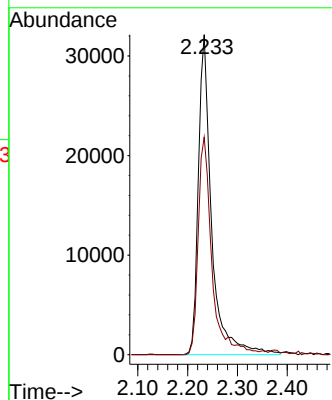
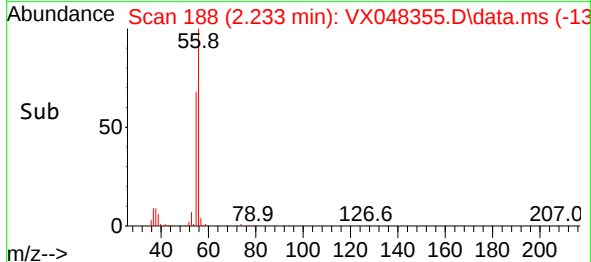
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 59318
Ion Ratio Lower Upper
56 100
55 70.3 56.1 84.1

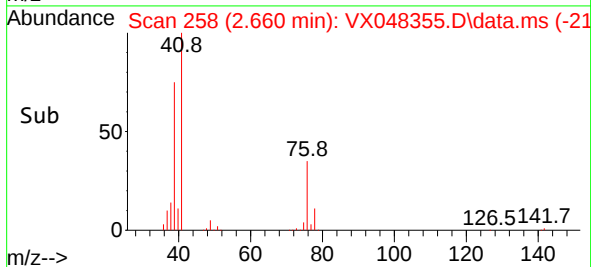
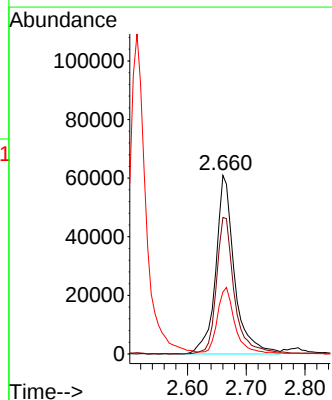
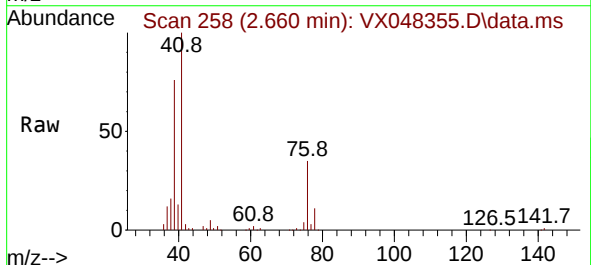
Manual Integrations
APPROVED

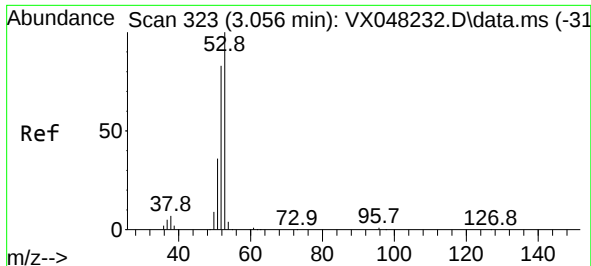
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#14
Allyl chloride
Concen: 60.436 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

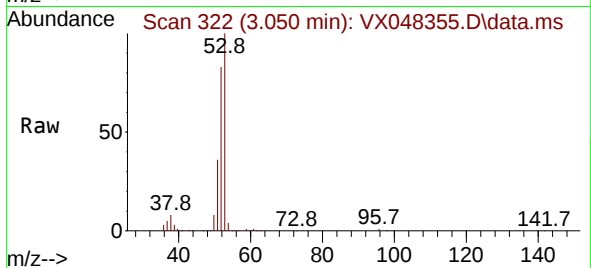
Tgt Ion: 41 Resp: 135414
Ion Ratio Lower Upper
41 100
39 73.4 56.0 84.0
76 35.2 27.5 41.3





#15
Acrylonitrile
Concen: 294.566 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

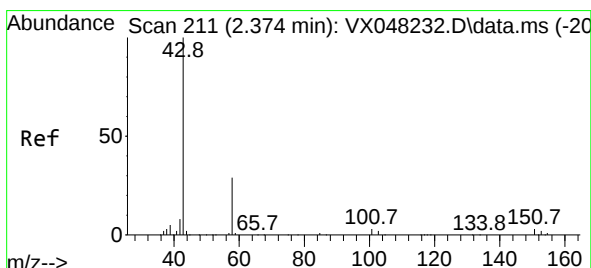
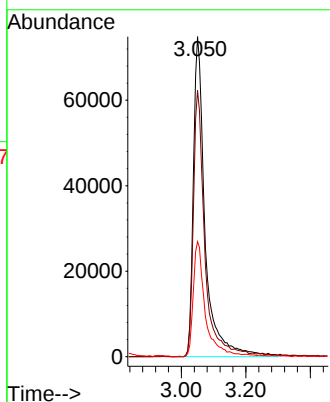
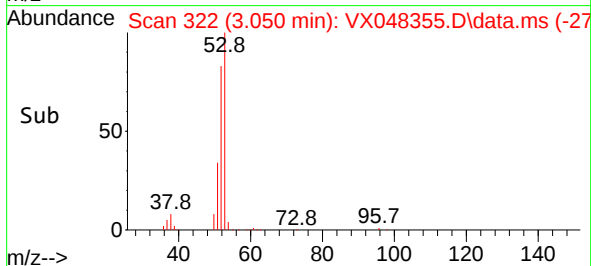
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 190072
Ion Ratio Lower Upper
53 100
52 80.7 66.1 99.1
51 36.5 29.0 43.4

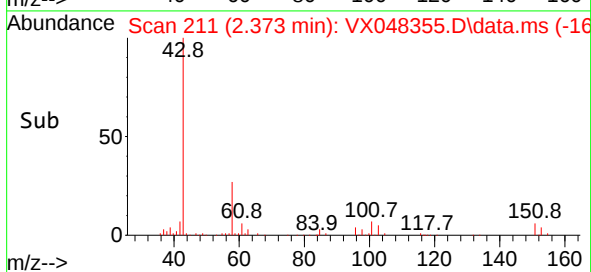
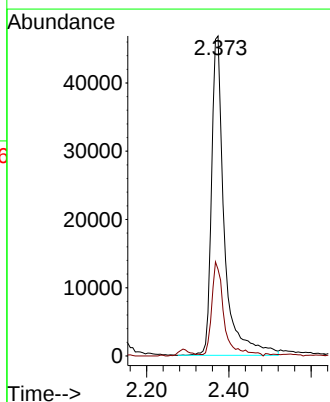
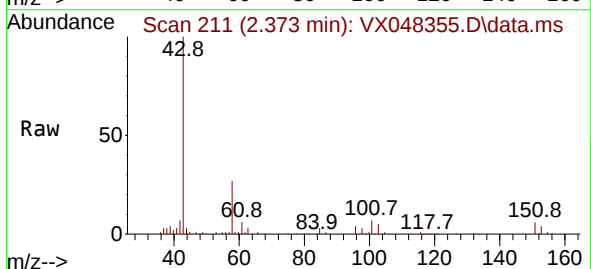
Manual Integrations
APPROVED

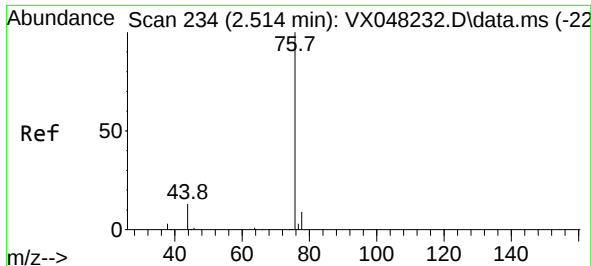
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#16
Acetone
Concen: 164.135 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

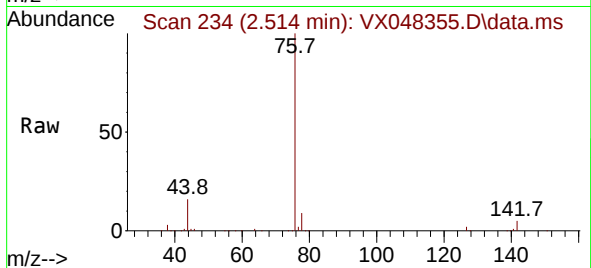
Tgt Ion: 43 Resp: 101484
Ion Ratio Lower Upper
43 100
58 28.2 23.4 35.2





#17
Carbon Disulfide
Concen: 48.462 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

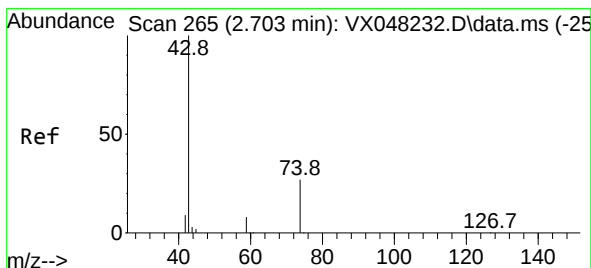
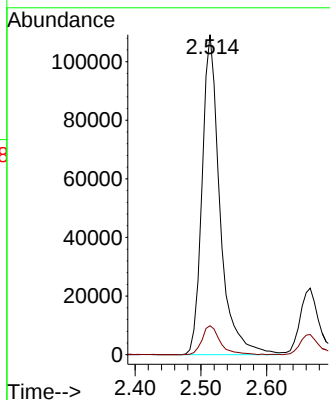
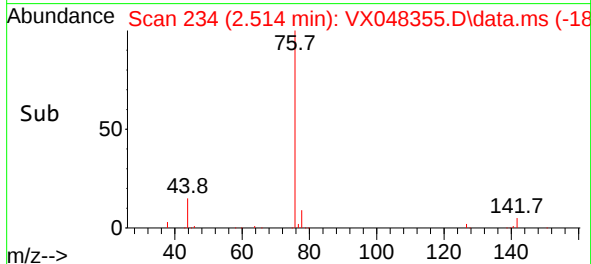
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 206120
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

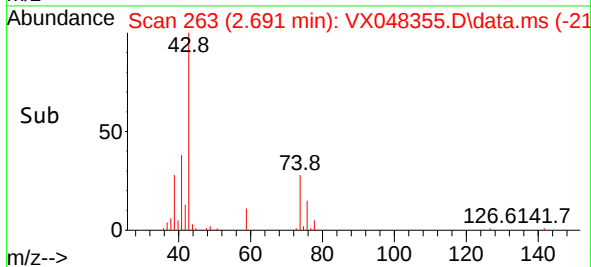
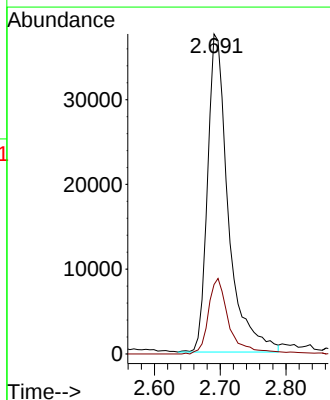
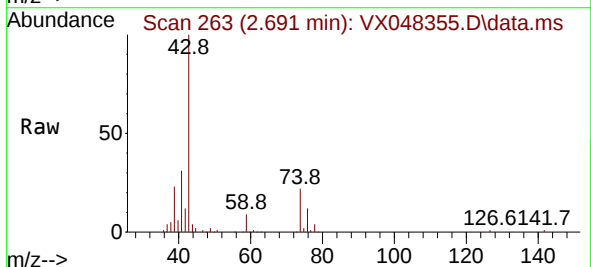
Manual Integrations
APPROVED

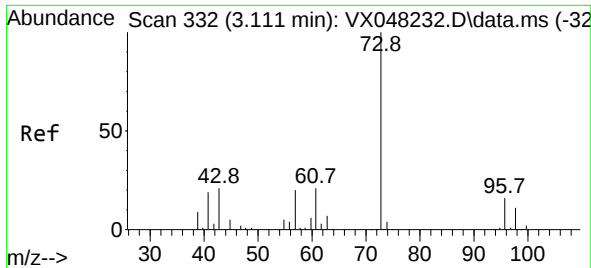
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#18
Methyl Acetate
Concen: 63.795 ug/l
RT: 2.691 min Scan# 263
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Tgt Ion: 43 Resp: 82375
Ion Ratio Lower Upper
43 100
74 23.6 17.5 26.3





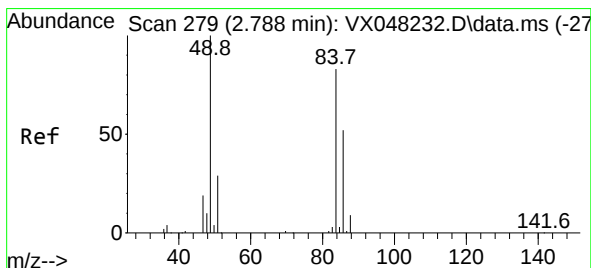
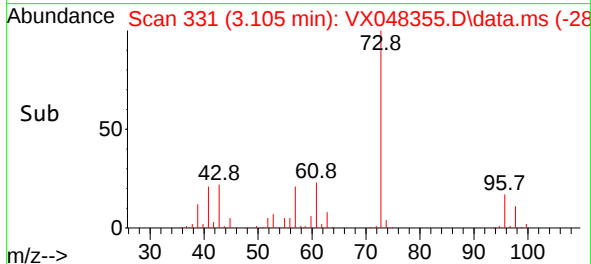
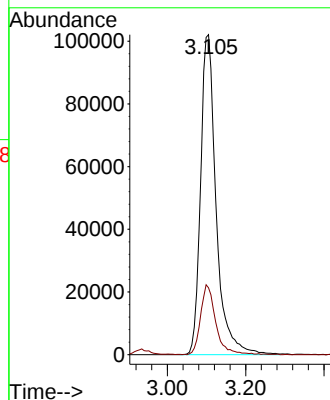
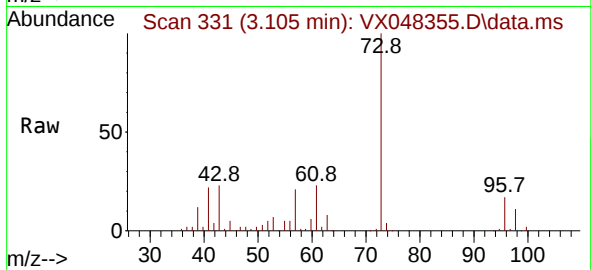
#19
Methyl tert-butyl Ether
Concen: 61.239 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 28194
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5

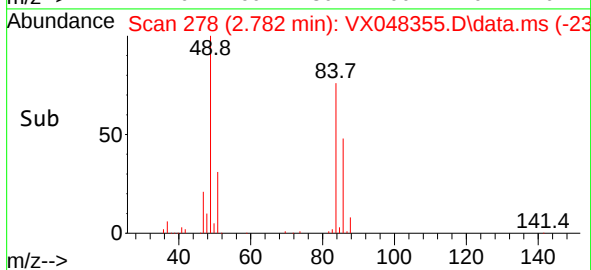
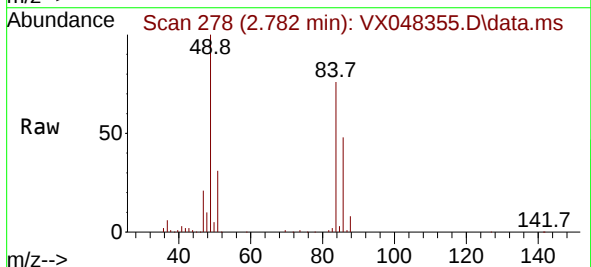
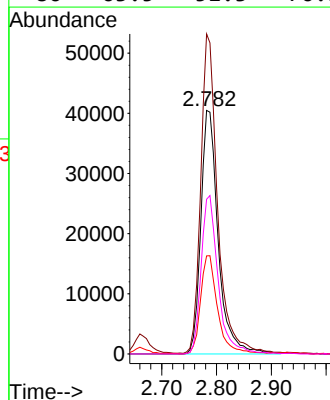
Manual Integrations
APPROVED

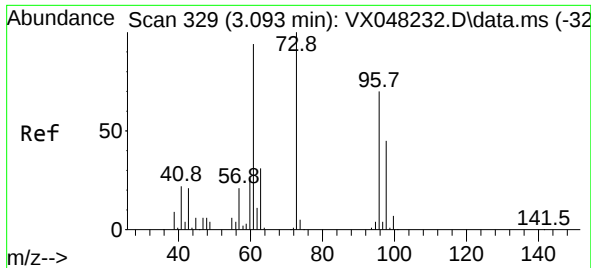
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#20
Methylene Chloride
Concen: 59.186 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

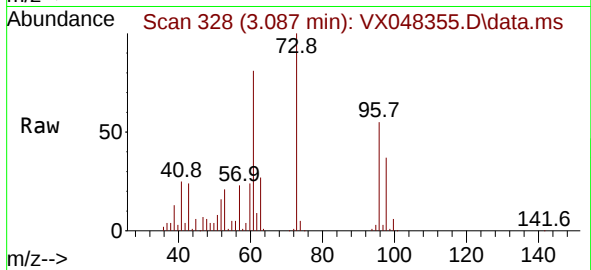
Tgt Ion: 84 Resp: 89167
Ion Ratio Lower Upper
84 100
49 131.0 104.1 156.1
51 40.3 31.3 46.9
86 63.5 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 55.112 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

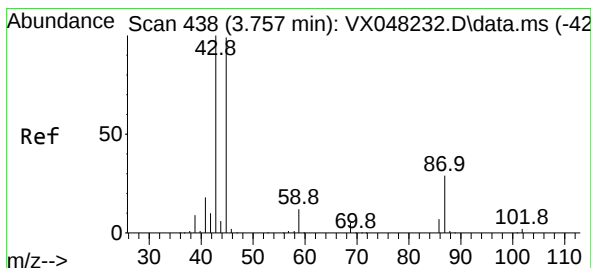
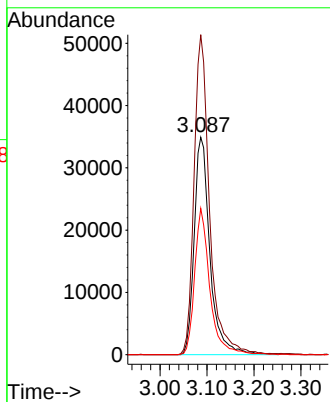
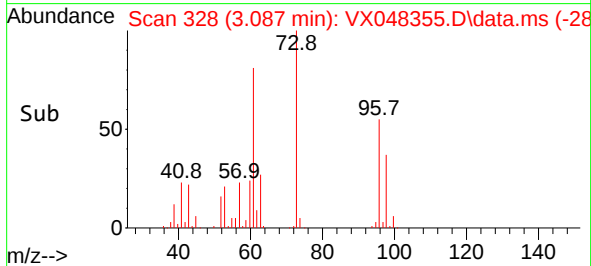
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 81699
Ion Ratio Lower Upper
96 100
61 147.1 111.9 167.9
98 67.2 51.2 76.8

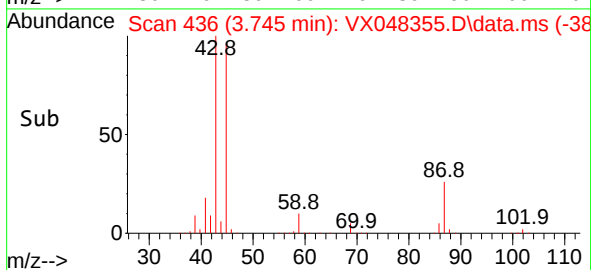
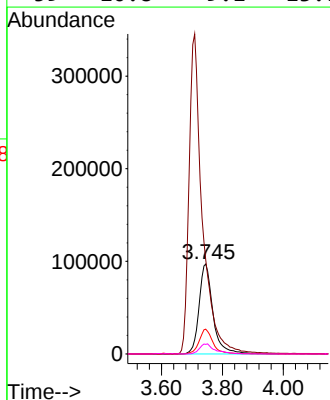
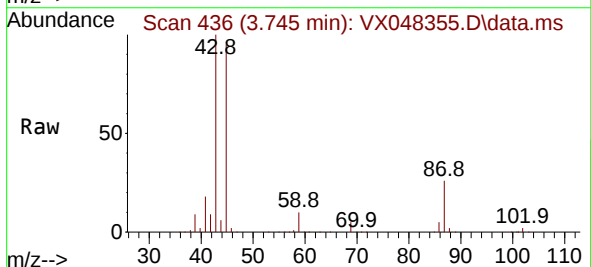
Manual Integrations
APPROVED

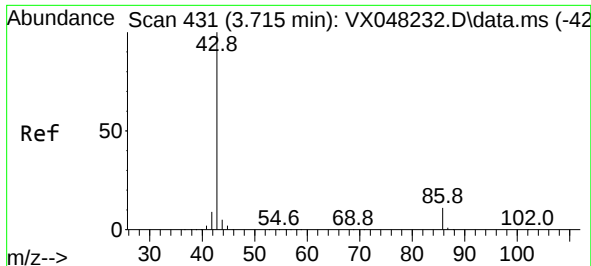
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#22
Diisopropyl ether
Concen: 68.579 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Tgt Ion: 45 Resp: 306477
Ion Ratio Lower Upper
45 100
43 104.3 89.8 134.8
87 27.6 20.6 31.0
59 10.8 9.1 13.7





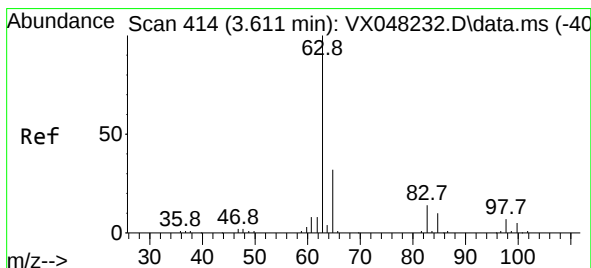
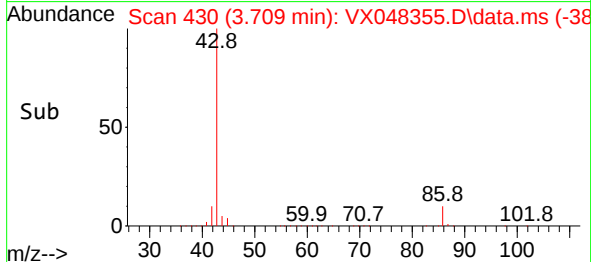
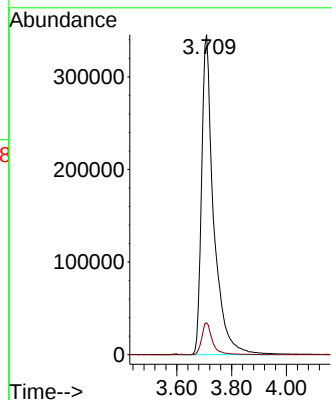
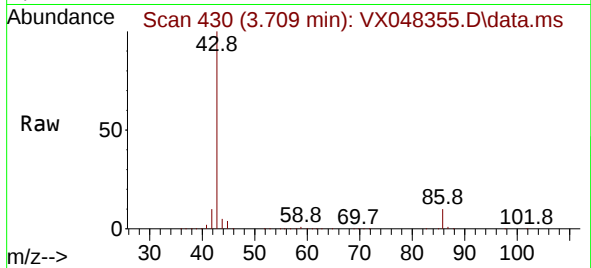
#23
 Vinyl Acetate
 Concen: 296.708 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048355.D
 Acq: 27 Oct 2025 09:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1059204
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9

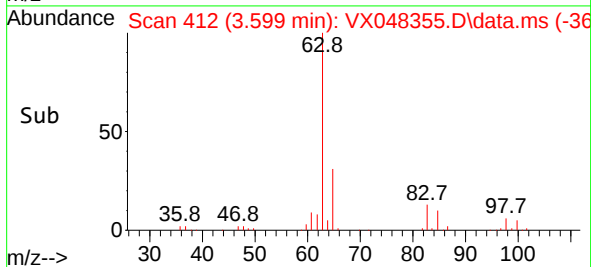
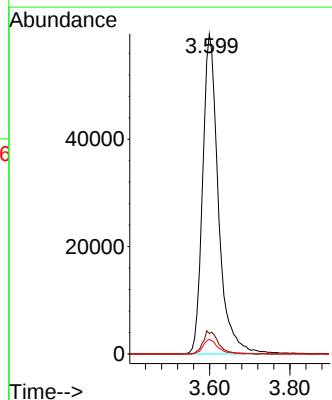
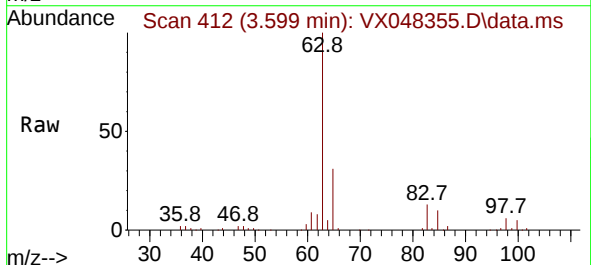
Manual Integrations
 APPROVED

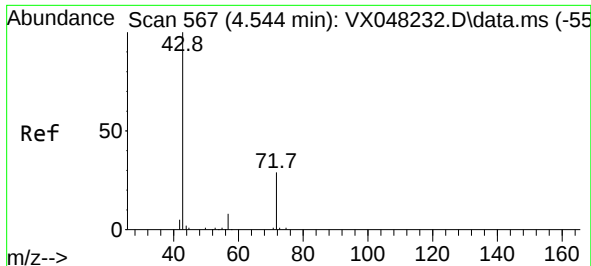
Reviewed By :John Carlone 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025



#24
 1,1-Dichloroethane
 Concen: 60.256 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048355.D
 Acq: 27 Oct 2025 09:05

Tgt Ion: 63 Resp: 162828
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 4.5 2.1 6.3





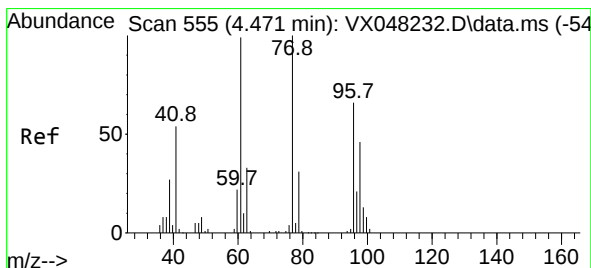
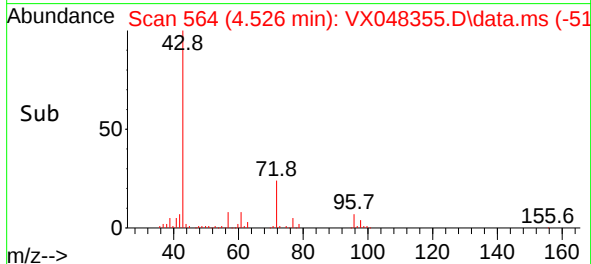
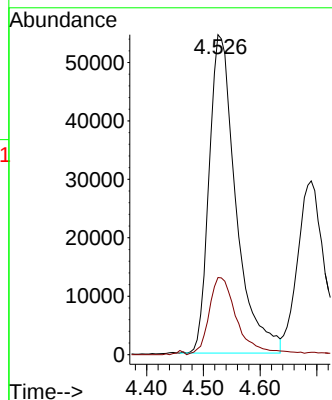
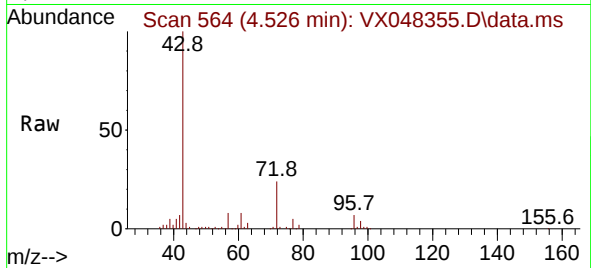
#25
2-Butanone
Concen: 228.555 ug/l
RT: 4.526 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 17886
Ion Ratio Lower Upper
43 100
72 23.1 19.9 29.9

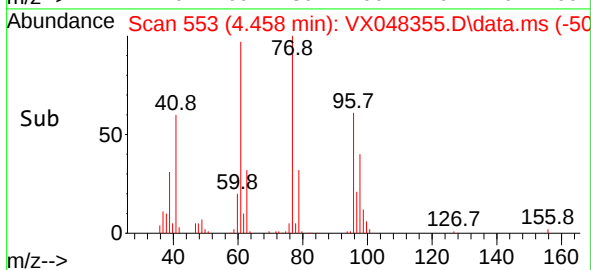
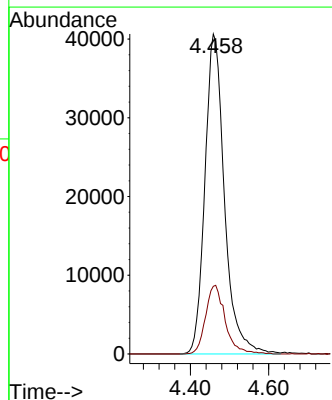
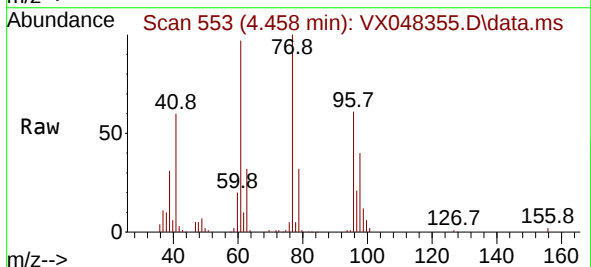
Manual Integrations
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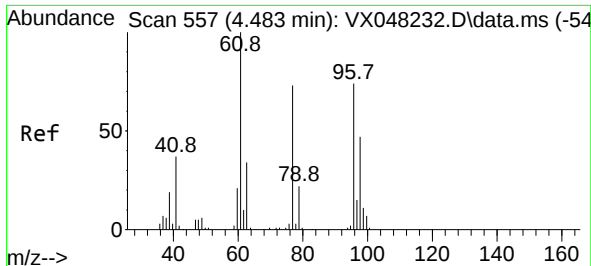
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#26
2,2-Dichloropropane
Concen: 57.720 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Tgt Ion: 77 Resp: 140783
Ion Ratio Lower Upper
77 100
97 21.6 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 58.953 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX048355.D

Acq: 27 Oct 2025 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

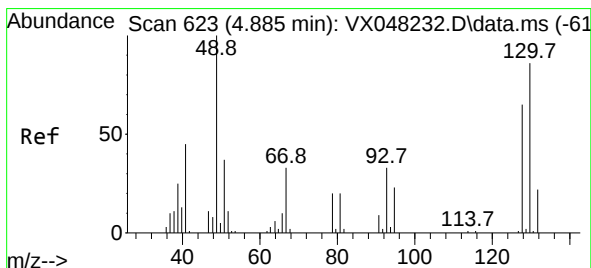
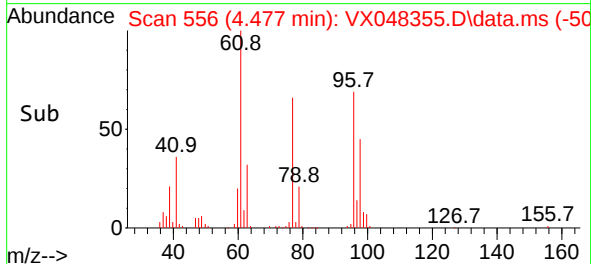
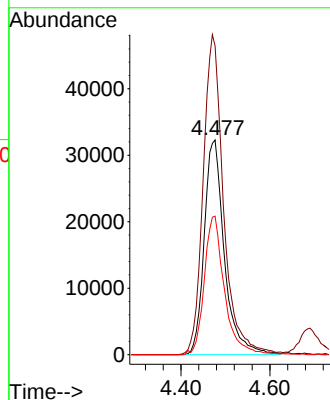
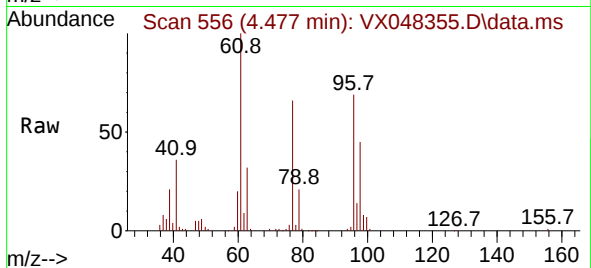
Tgt Ion: 96 Resp: 101994
 Ion Ratio Lower Upper
 96 100
 61 150.6 0.0 294.2
 98 64.7 0.0 128.4

Manual Integrations

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Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#28

Bromochloromethane

Concen: 58.793 ug/l

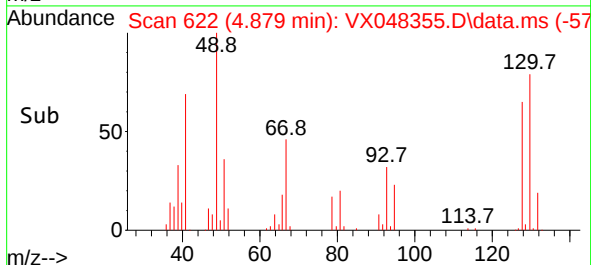
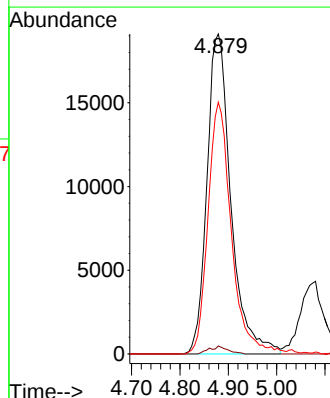
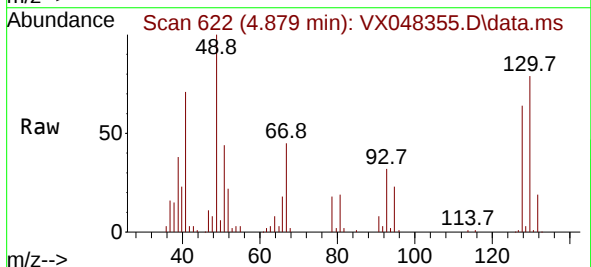
RT: 4.879 min Scan# 622

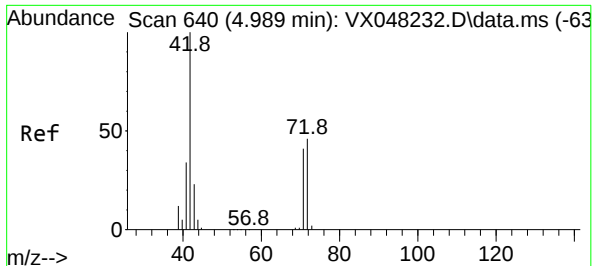
Delta R.T. -0.006 min

Lab File: VX048355.D

Acq: 27 Oct 2025 09:05

Tgt Ion: 49 Resp: 65875
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.4
 130 76.4 59.3 88.9





#29

Tetrahydrofuran

Concen: 289.781 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048355.D

Acq: 27 Oct 2025 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 13582

Ion Ratio Lower Upper

42 100

72 45.7 35.3 52.9

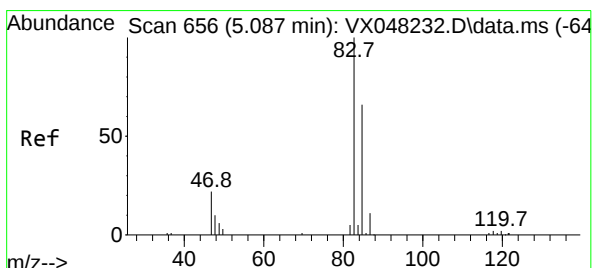
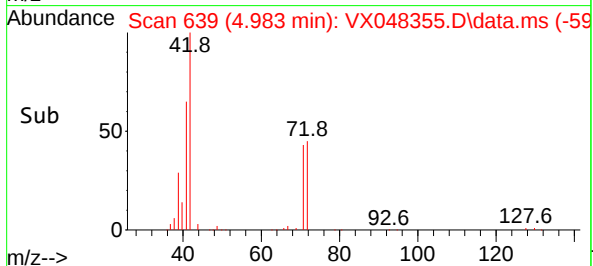
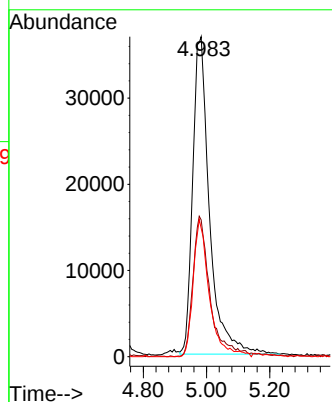
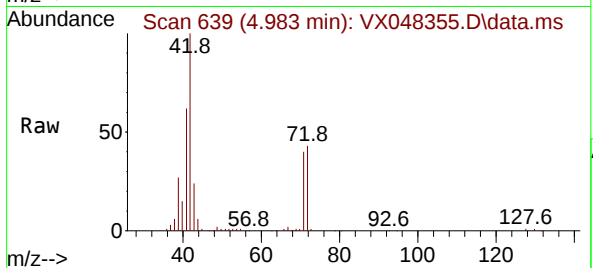
71 40.7 32.2 48.4

Manual Integrations

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Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#30

Chloroform

Concen: 59.771 ug/l

RT: 5.074 min Scan# 654

Delta R.T. -0.006 min

Lab File: VX048355.D

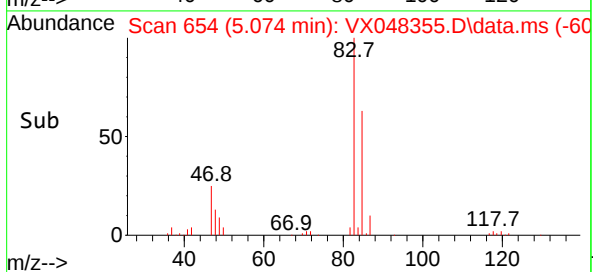
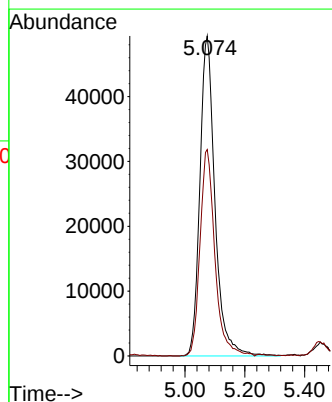
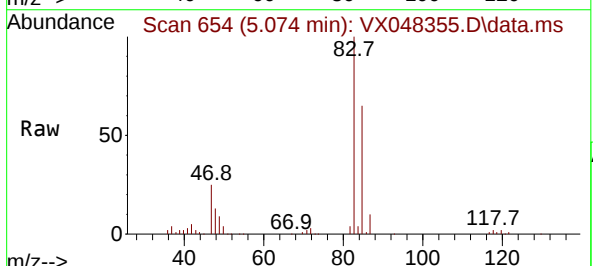
Acq: 27 Oct 2025 09:05

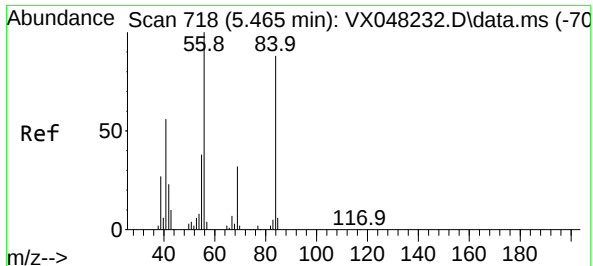
Tgt Ion: 83 Resp: 172560

Ion Ratio Lower Upper

83 100

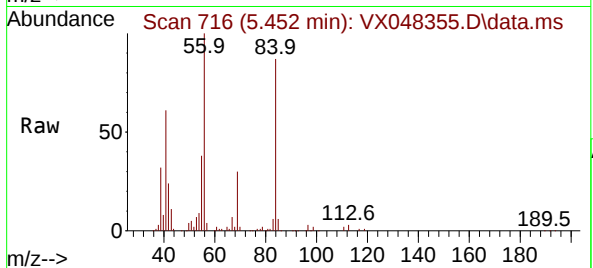
85 64.5 50.1 75.1





#31
Cyclohexane
Concen: 55.187 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

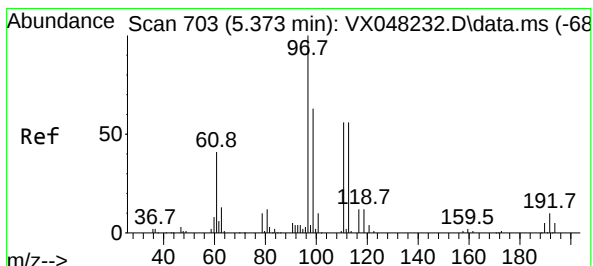
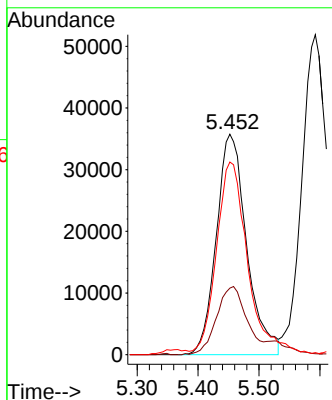
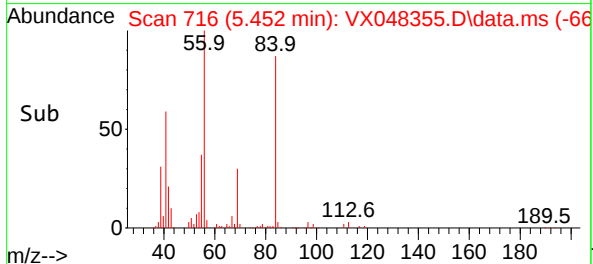
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



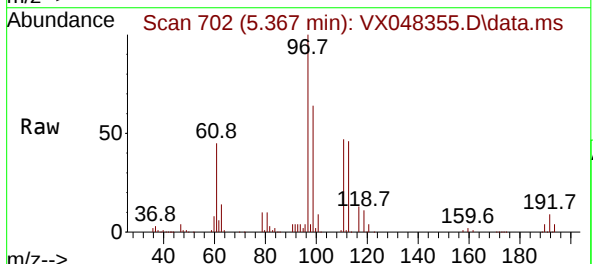
Tgt Ion: 56 Resp: 123464
Ion Ratio Lower Upper
56 100
69 29.7 23.0 34.6
84 84.6 64.6 97.0

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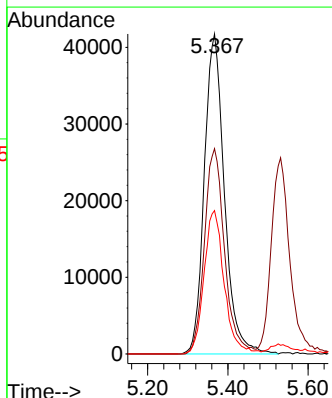
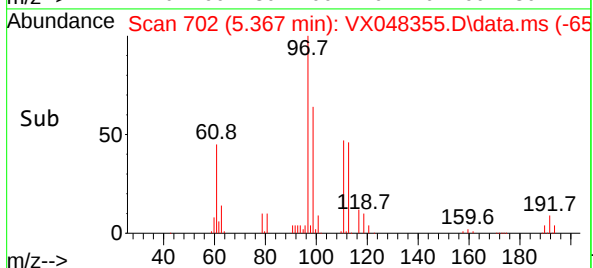
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#32
1,1,1-Trichloroethane
Concen: 54.644 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05



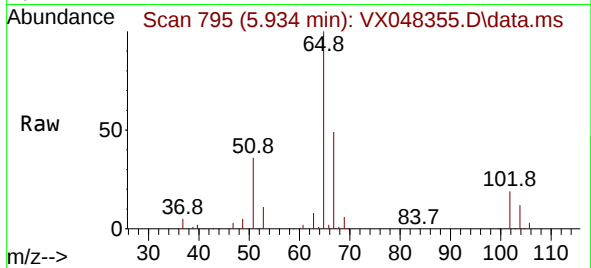
Tgt Ion: 97 Resp: 145395
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 45.0 34.8 52.2





#33
 1,2-Dichloroethane-d4
 Concen: 57.124 ug/l
 RT: 5.934 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: VX048355.D
 Acq: 27 Oct 2025 09:05

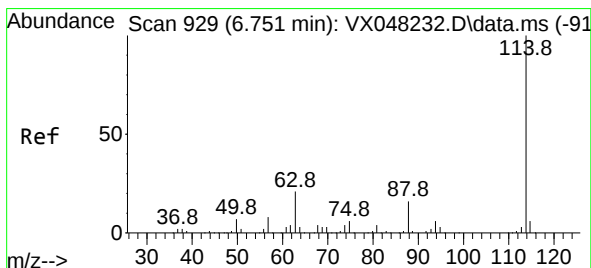
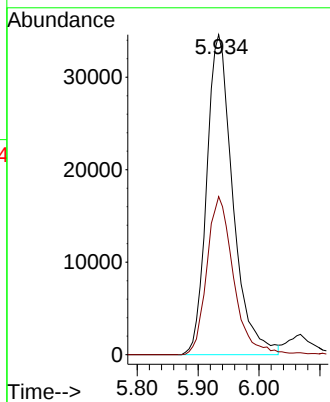
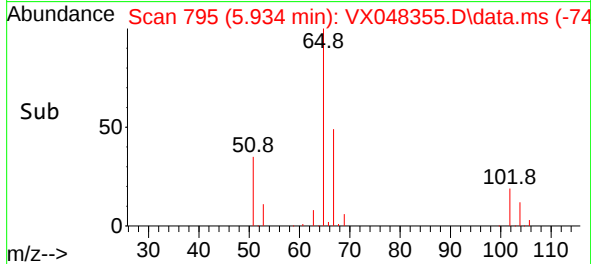
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



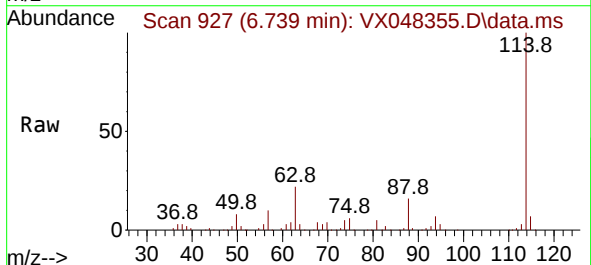
Tgt Ion: 65 Resp: 10295
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 105.0

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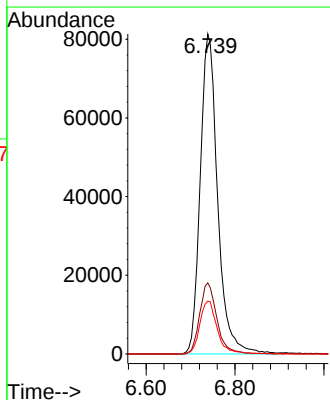
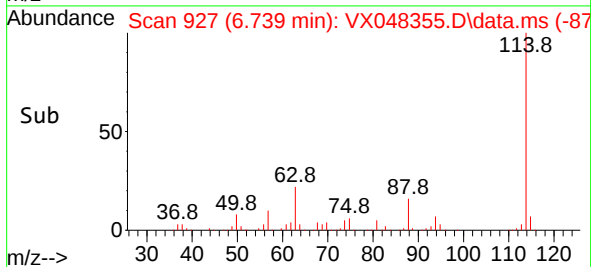
Reviewed By :John Carlone 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025

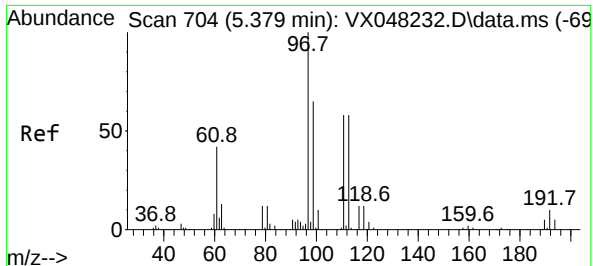


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048355.D
 Acq: 27 Oct 2025 09:05



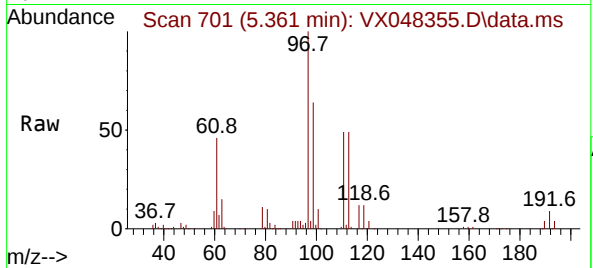
Tgt Ion:114 Resp: 221660
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 16.5 0.0 33.6





#35
Dibromofluoromethane
Concen: 43.199 ug/l
RT: 5.361 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

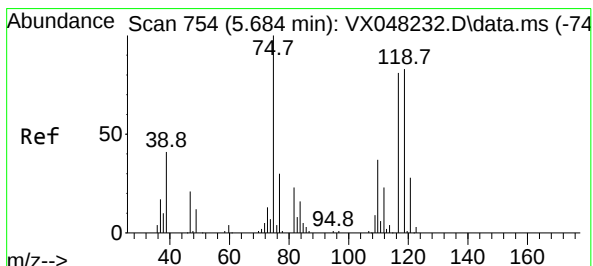
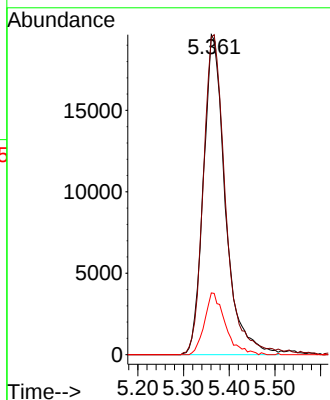
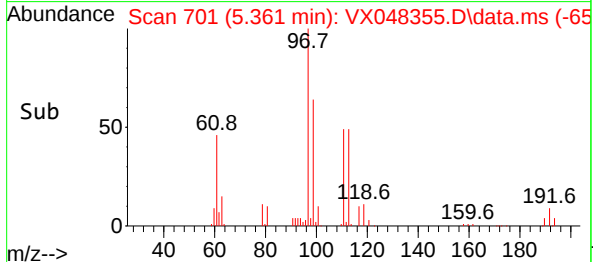
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 65372
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 18.3 15.1 22.7

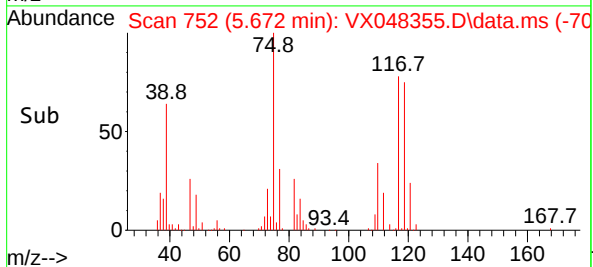
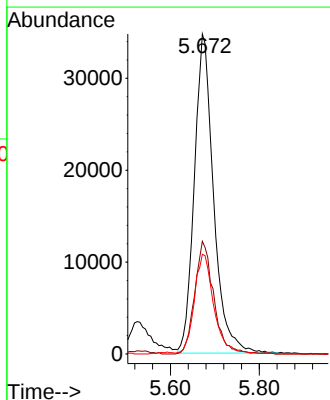
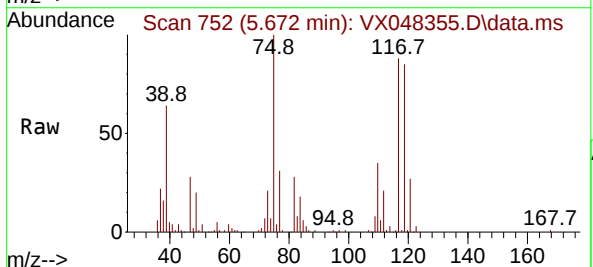
Manual Integrations
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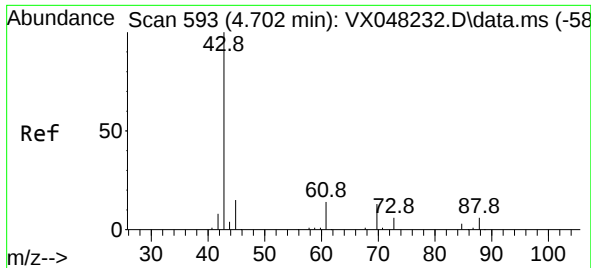
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#36
1,1-Dichloropropene
Concen: 48.656 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Tgt Ion: 75 Resp: 104651
Ion Ratio Lower Upper
75 100
110 34.7 17.7 53.1
77 31.3 24.3 36.5





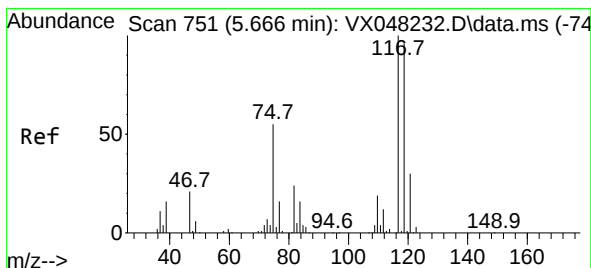
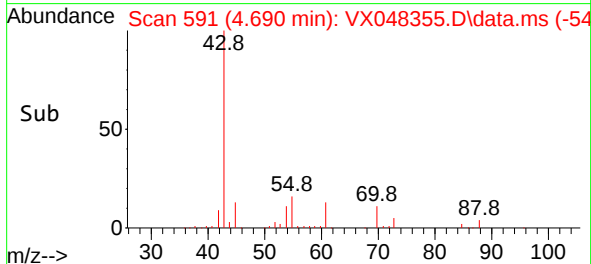
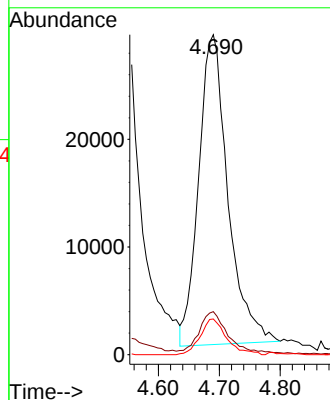
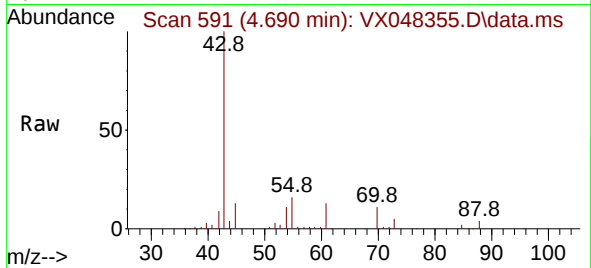
#37
Ethyl Acetate
Concen: 53.952 ug/l
RT: 4.690 min Scan# 591
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 96184
Ion Ratio Lower Upper
43 100
61 13.0 10.6 15.8
70 10.3 7.8 11.6

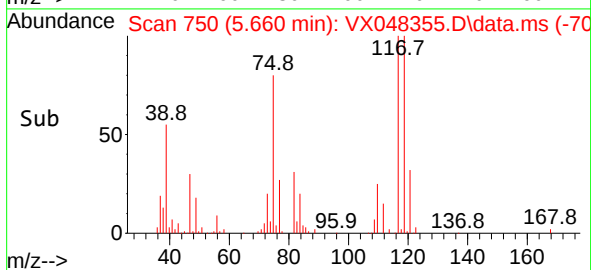
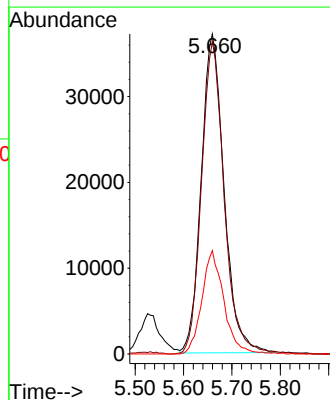
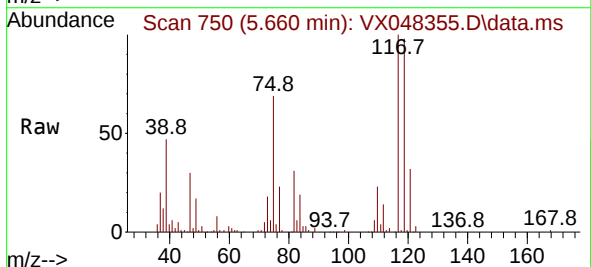
Manual Integrations
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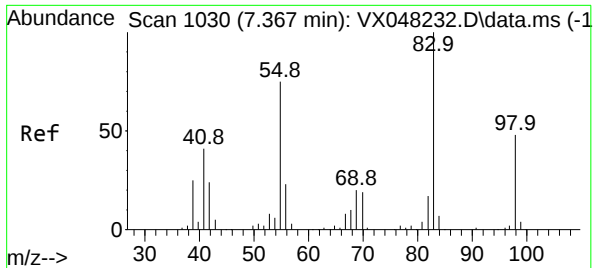
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#38
Carbon Tetrachloride
Concen: 45.877 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Tgt Ion:117 Resp: 121738
Ion Ratio Lower Upper
117 100
119 97.8 77.2 115.8
121 32.5 24.8 37.2





#39
Methylcyclohexane
Concen: 50.642 ug/l
RT: 7.360 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

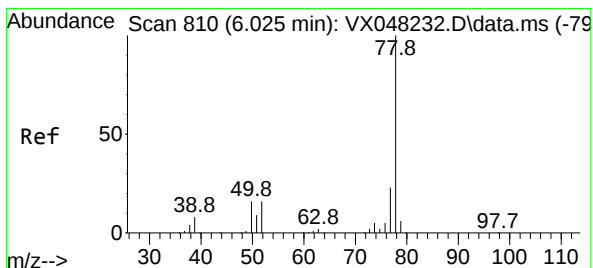
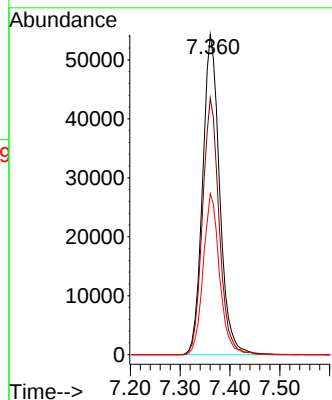
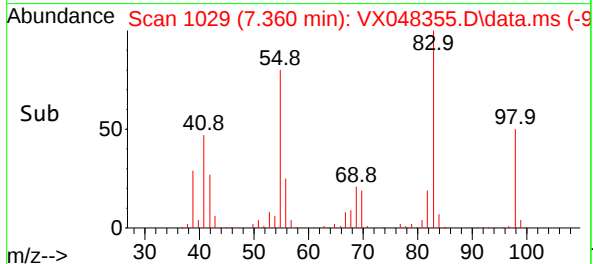
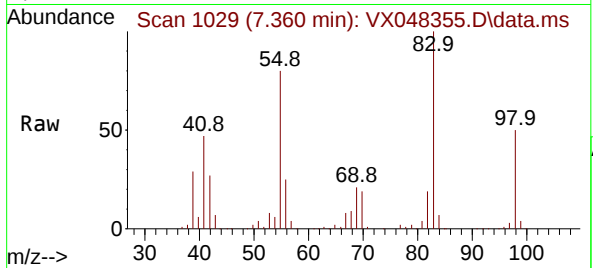
Tgt Ion: 83 Resp: 128630
Ion Ratio Lower Upper
83 100
55 80.2 66.2 99.2
98 50.3 38.9 58.3

Manual Integrations

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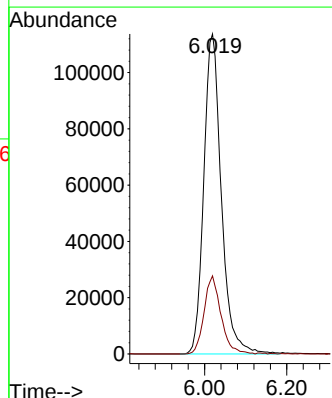
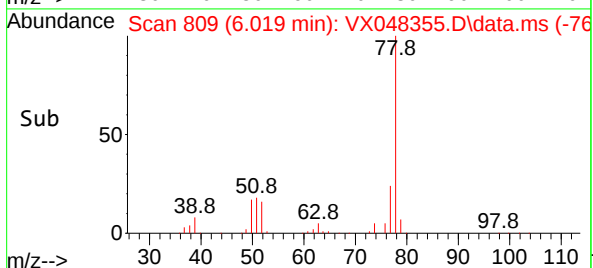
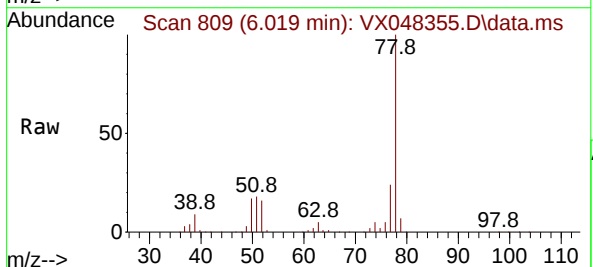
Reviewed By :John Carlone 10/28/2025

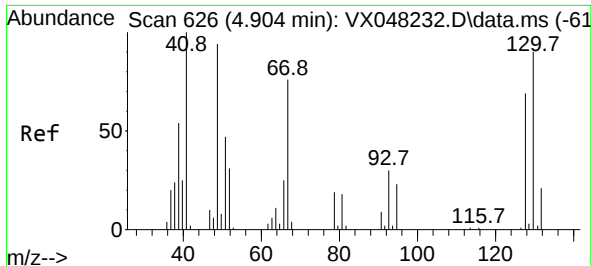
Supervised By :Mahesh Dadoda 10/28/2025



#40
Benzene
Concen: 53.954 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

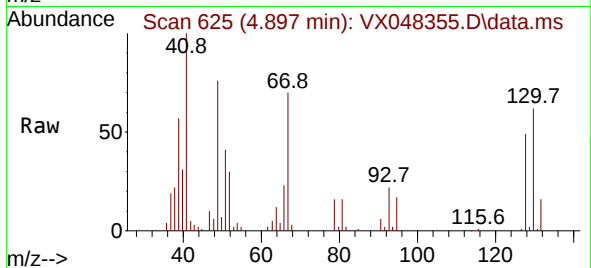
Tgt Ion: 78 Resp: 336921
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9





#41
Methacrylonitrile
Concen: 58.033 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

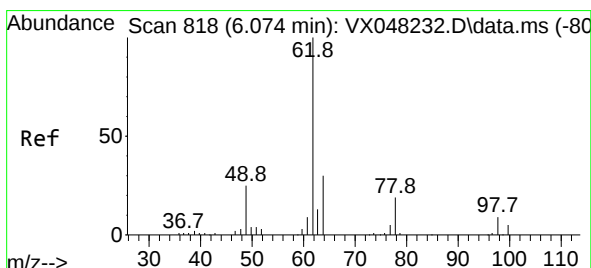
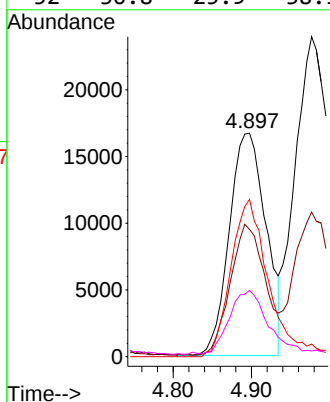
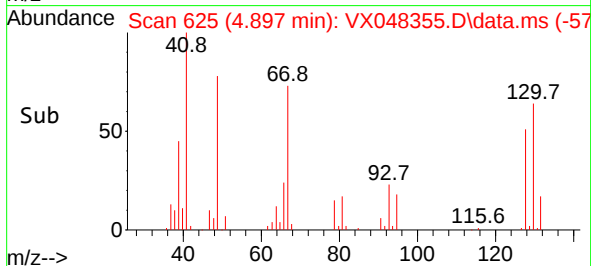
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5433
Ion Ratio Lower Upper
41 100
39 55.9 44.0 66.0
67 75.0 58.7 88.1
52 30.8 25.9 38.9

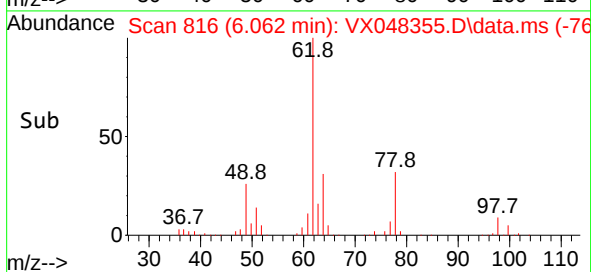
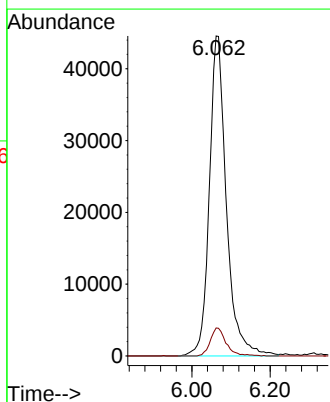
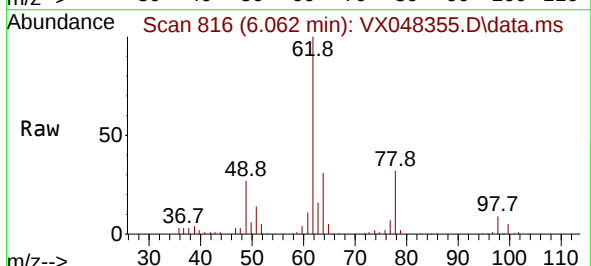
Manual Integrations
APPROVED

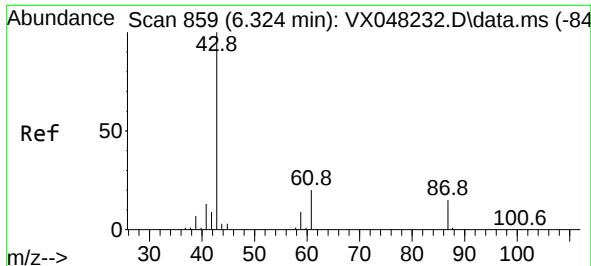
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#42
1,2-Dichloroethane
Concen: 58.388 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Tgt Ion: 62 Resp: 134544
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.2





#43

Isopropyl Acetate

Concen: 59.642 ug/l

RT: 6.312 min Scan# 857

Delta R.T. -0.012 min

Lab File: VX048355.D

Acq: 27 Oct 2025 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

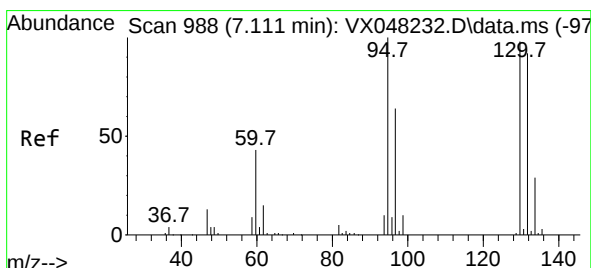
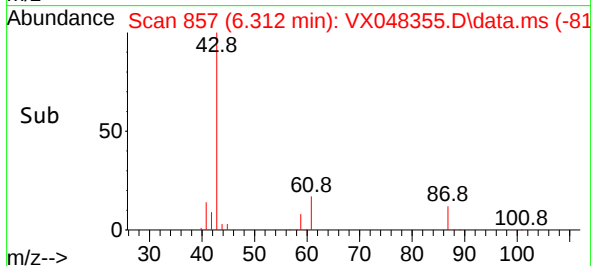
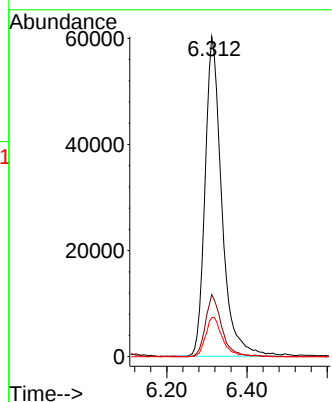
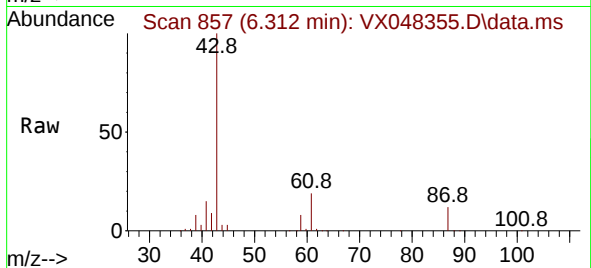
Tgt Ion: 43 Resp: 174650
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.9 22.3
 87 12.6 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#44

Trichloroethene

Concen: 51.365 ug/l

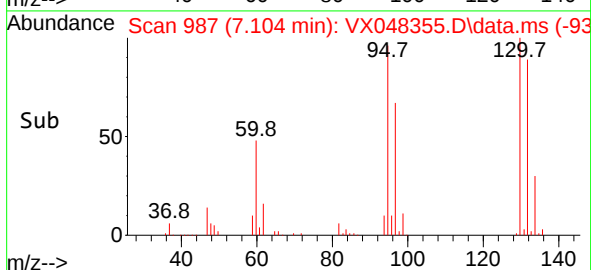
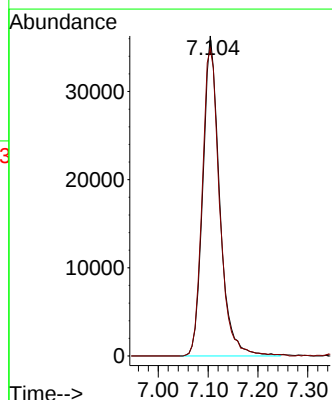
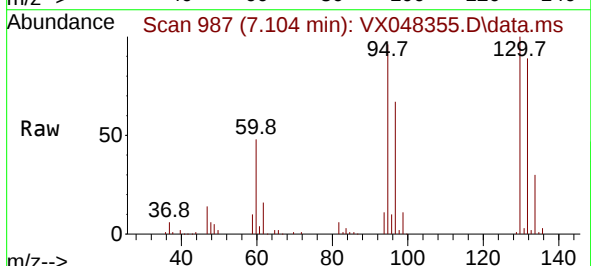
RT: 7.104 min Scan# 987

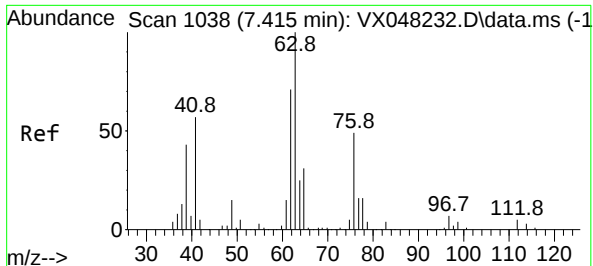
Delta R.T. -0.006 min

Lab File: VX048355.D

Acq: 27 Oct 2025 09:05

Tgt Ion:130 Resp: 84695
 Ion Ratio Lower Upper
 130 100
 95 96.1 0.0 200.6





#45

1,2-Dichloropropane

Concen: 58.961 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048355.D

Acq: 27 Oct 2025 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 87538

Ion Ratio Lower Upper

63 100

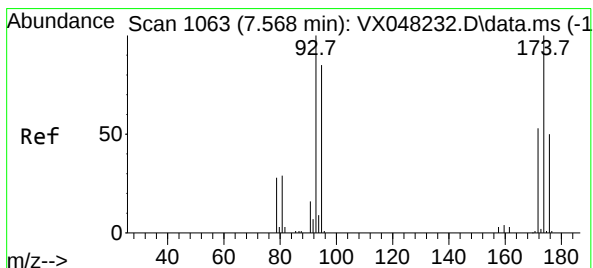
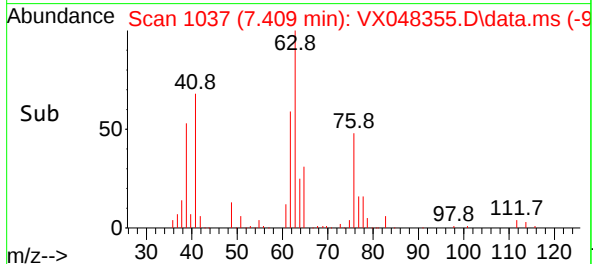
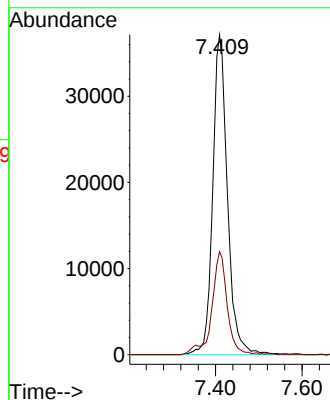
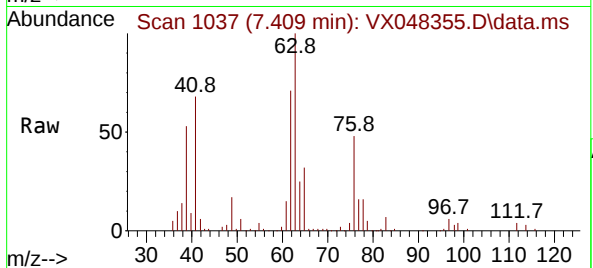
65 32.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#46

Dibromomethane

Concen: 55.674 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048355.D

Acq: 27 Oct 2025 09:05

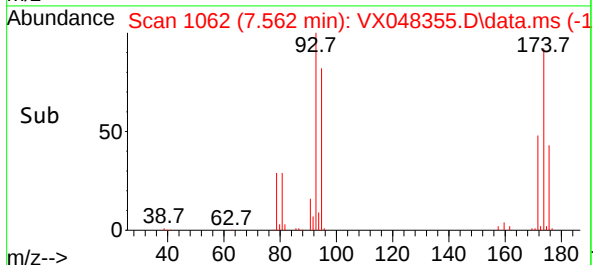
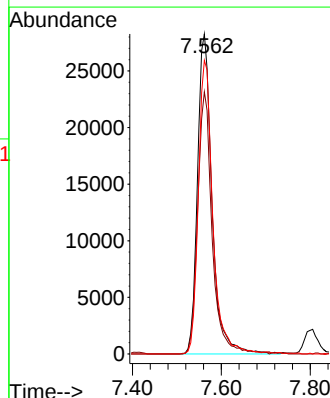
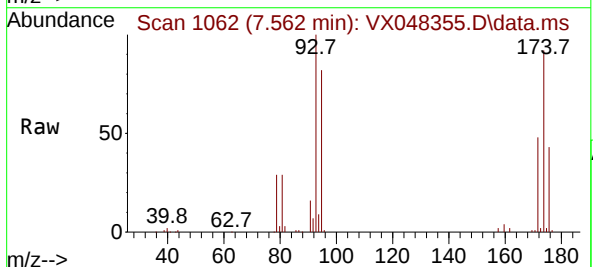
Tgt Ion: 93 Resp: 64397

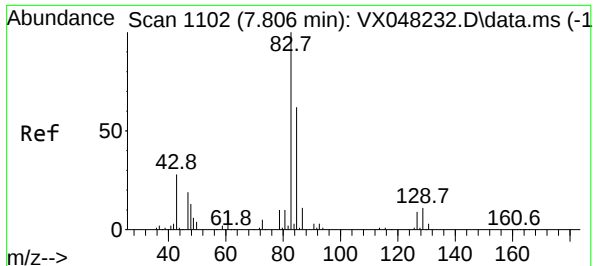
Ion Ratio Lower Upper

93 100

95 81.2 65.9 98.9

174 91.2 71.7 107.5





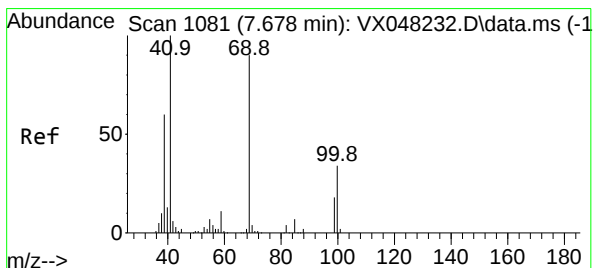
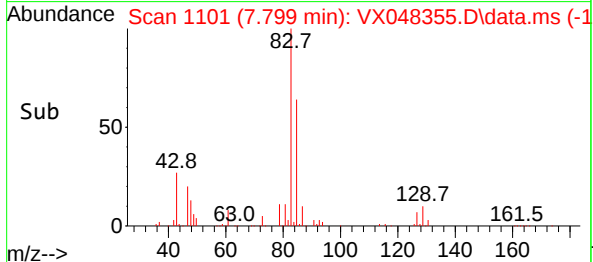
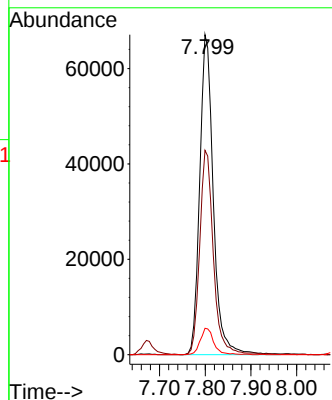
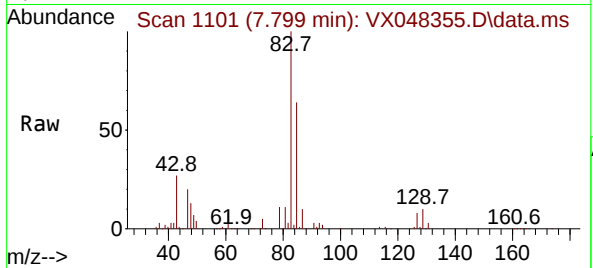
#47
Bromodichloromethane
Concen: 55.643 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 138960
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.4
127 8.2 7.3 10.9

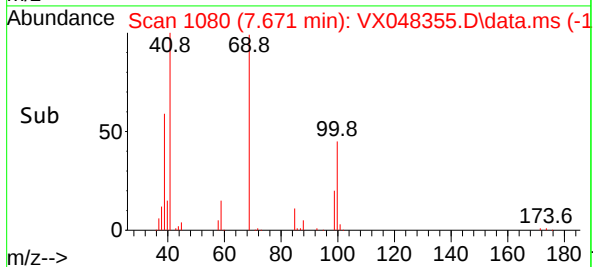
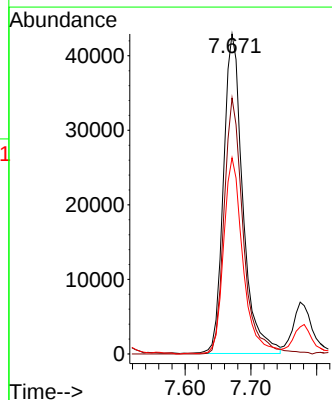
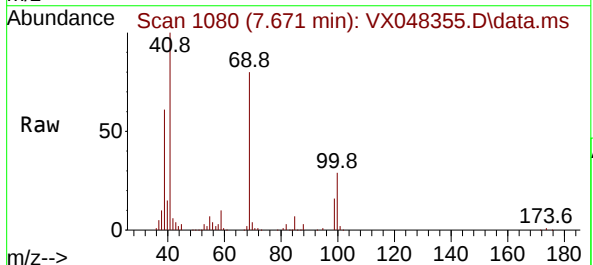
Manual Integrations
APPROVED

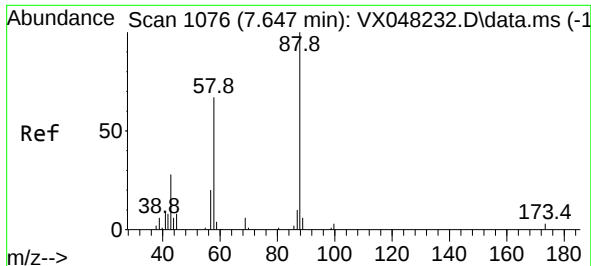
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#48
Methyl methacrylate
Concen: 59.435 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

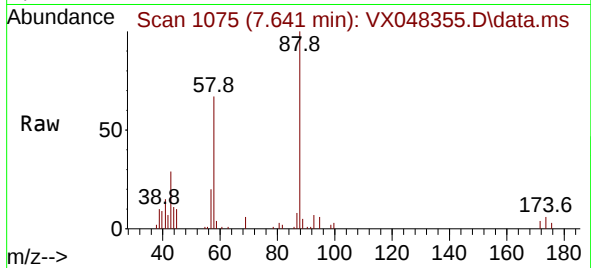
Tgt Ion: 41 Resp: 87827
Ion Ratio Lower Upper
41 100
69 79.0 63.4 95.0
39 60.7 47.1 70.7





#49
1,4-Dioxane
Concen: 966.279 ug/l
RT: 7.641 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

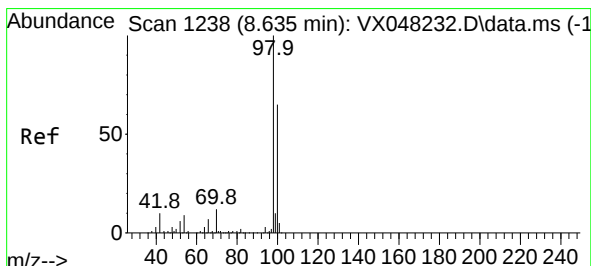
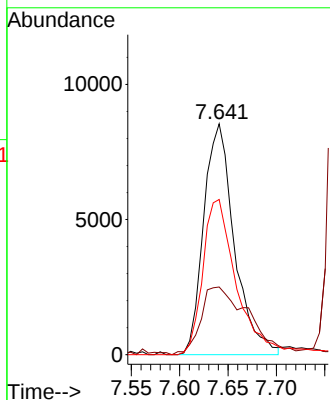
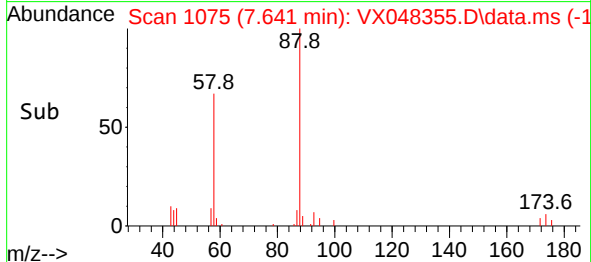
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 18864
Ion Ratio Lower Upper
88 100
43 45.6 35.0 52.4
58 75.0 61.9 92.9

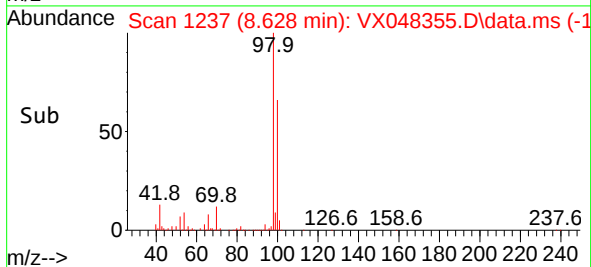
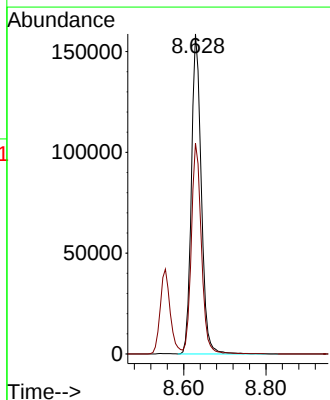
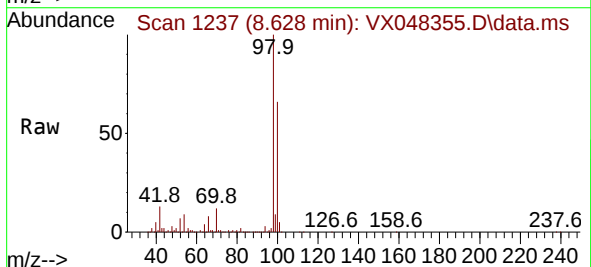
Manual Integrations
APPROVED

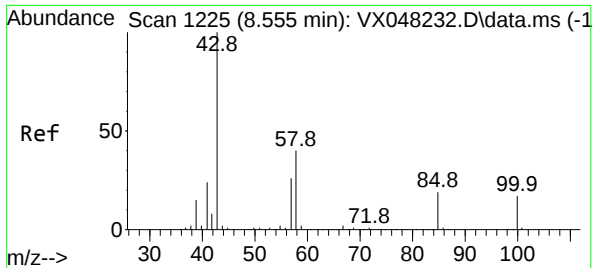
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#50
Toluene-d8
Concen: 49.970 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

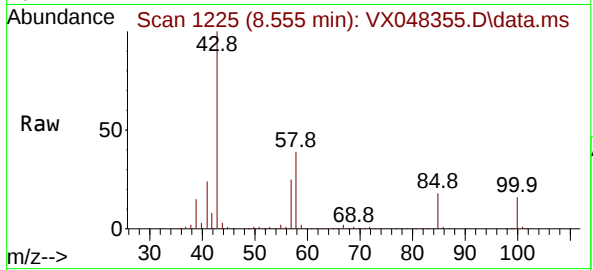
Tgt Ion: 98 Resp: 265050
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 284.523 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

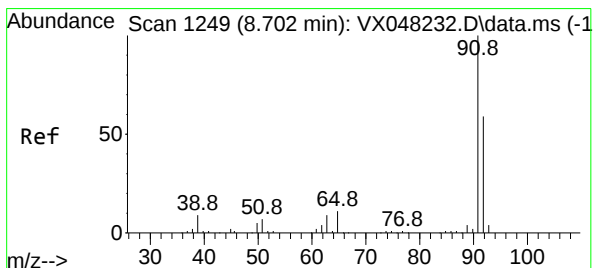
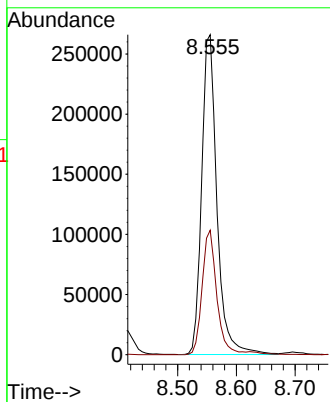
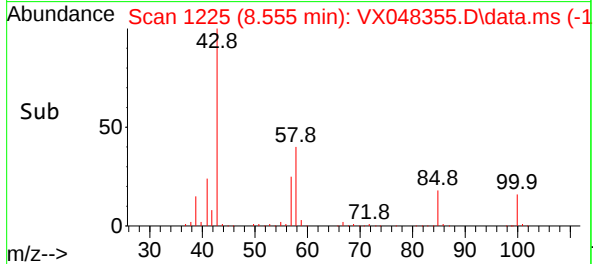
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 48039
Ion Ratio Lower Upper
43 100
58 37.3 29.5 44.3

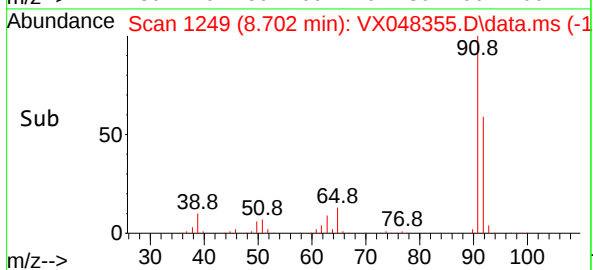
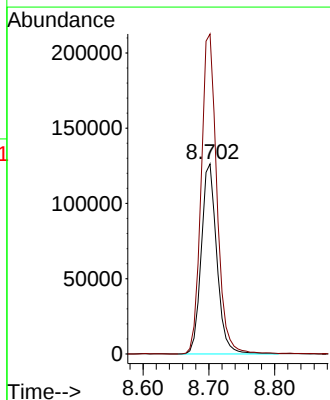
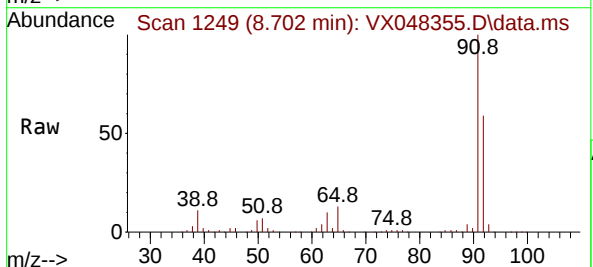
Manual Integrations
APPROVED

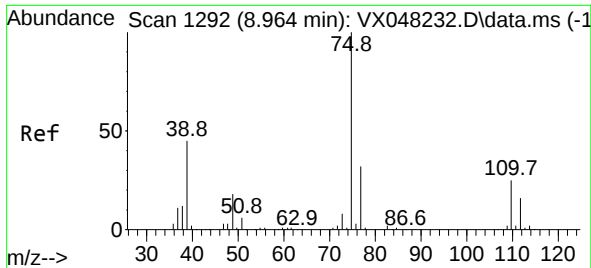
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#52
Toluene
Concen: 52.397 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Tgt Ion: 92 Resp: 207865
Ion Ratio Lower Upper
92 100
91 170.5 136.1 204.1





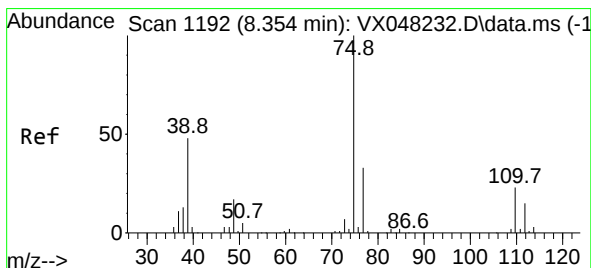
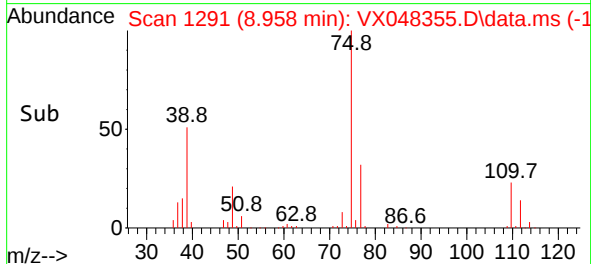
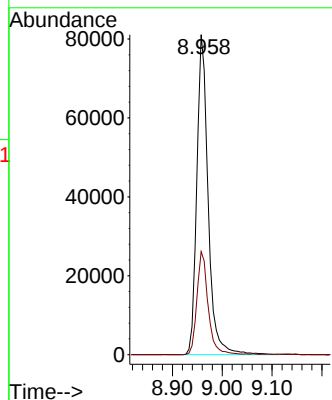
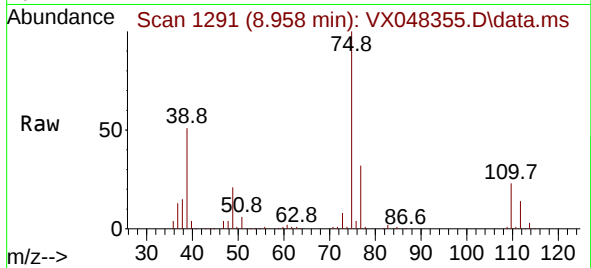
#53
 t-1,3-Dichloropropene
 Concen: 53.212 ug/l
 RT: 8.958 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: VX048355.D
 Acq: 27 Oct 2025 09:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 12806
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.6

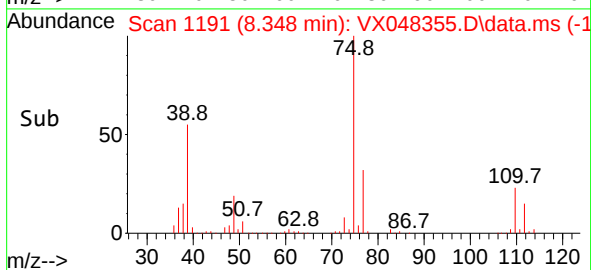
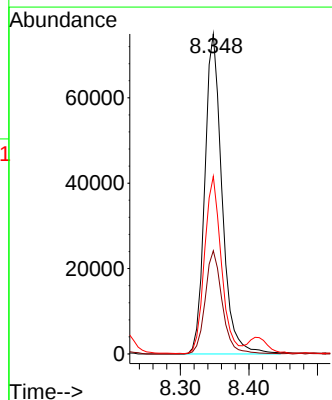
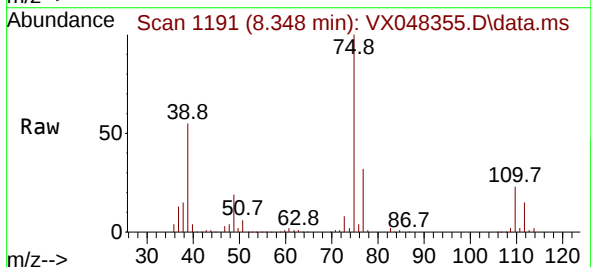
Manual Integrations
 APPROVED

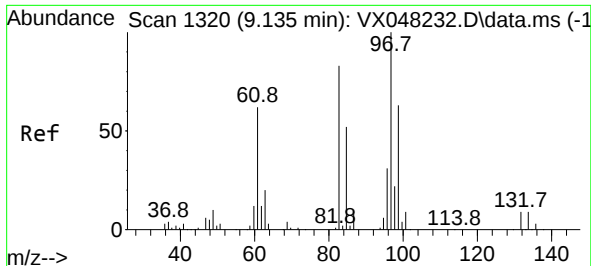
Reviewed By :John Carlone 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025



#54
 cis-1,3-Dichloropropene
 Concen: 50.527 ug/l
 RT: 8.348 min Scan# 1191
 Delta R.T. -0.000 min
 Lab File: VX048355.D
 Acq: 27 Oct 2025 09:05

Tgt Ion: 75 Resp: 131198
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.9 37.3
 39 54.4 42.6 64.0





#55
 1,1,2-Trichloroethane
 Concen: 54.822 ug/l
 RT: 9.134 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VX048355.D
 Acq: 27 Oct 2025 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

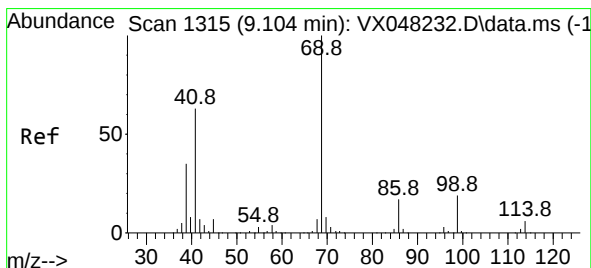
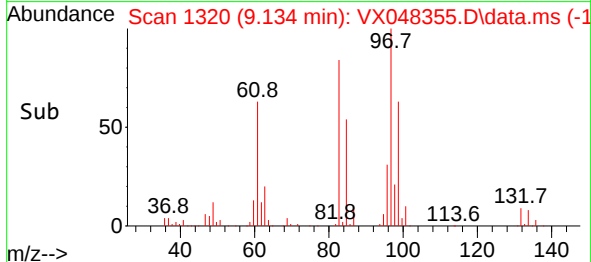
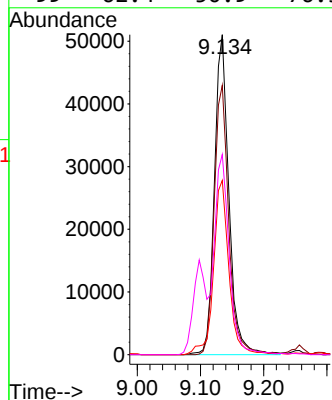
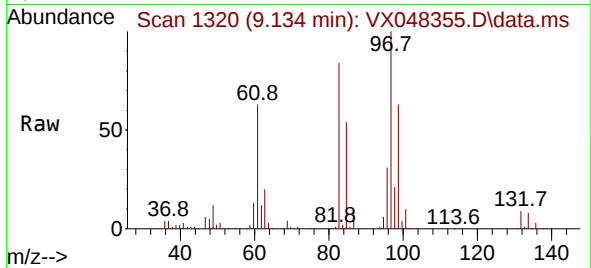
Tgt Ion: 97 Resp: 80878
 Ion Ratio Lower Upper
 97 100
 83 84.2 70.6 105.8
 85 54.4 45.0 67.6
 99 62.4 50.9 76.3

Manual Integrations

APPROVED

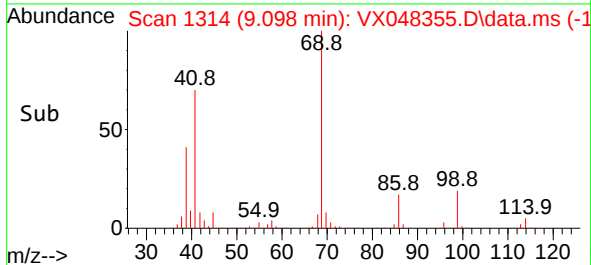
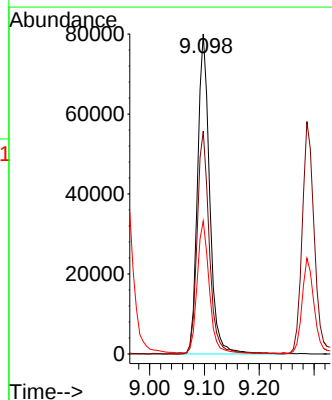
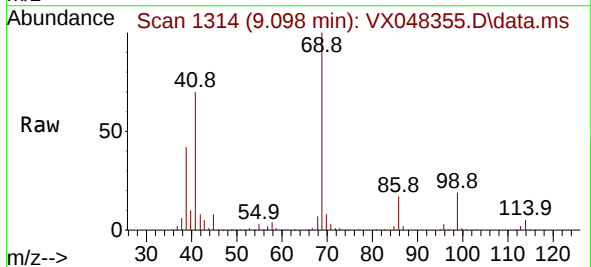
Reviewed By :John Carlone 10/28/2025

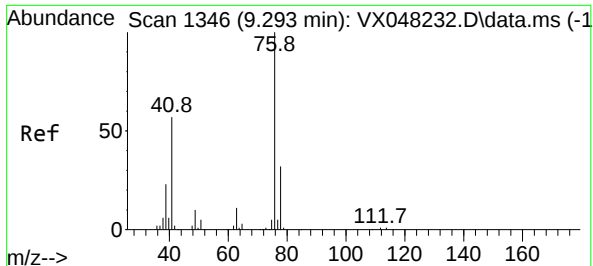
Supervised By :Mahesh Dadoda 10/28/2025



#56
 Ethyl methacrylate
 Concen: 57.075 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VX048355.D
 Acq: 27 Oct 2025 09:05

Tgt Ion: 69 Resp: 123158
 Ion Ratio Lower Upper
 69 100
 41 70.3 56.0 84.0
 39 41.5 31.6 47.4





#57

1,3-Dichloropropane

Concen: 55.818 ug/l

RT: 9.287 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048355.D

Acq: 27 Oct 2025 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 140660

Ion Ratio Lower Upper

76 100

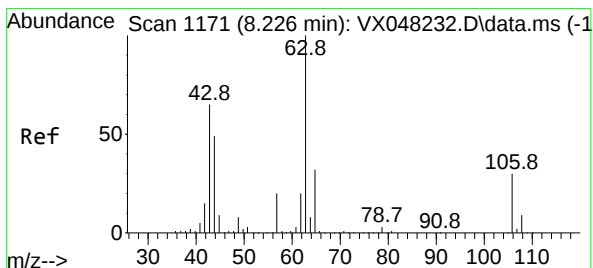
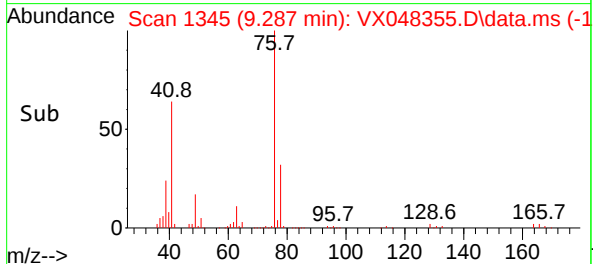
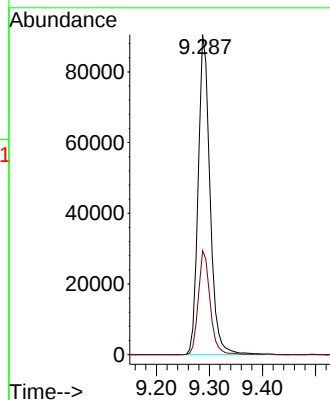
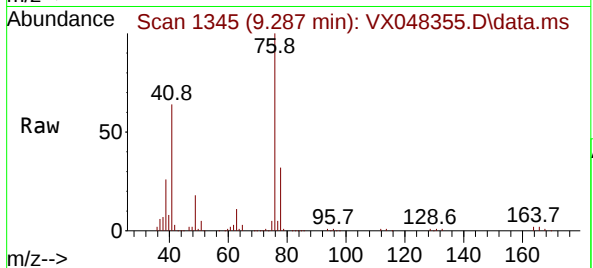
78 32.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 295.946 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048355.D

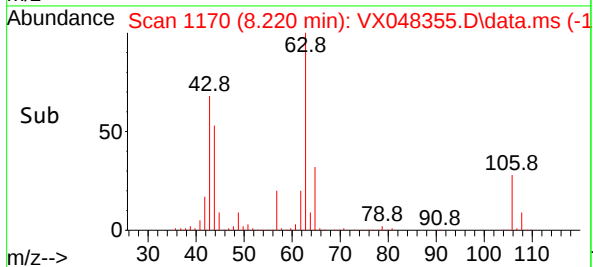
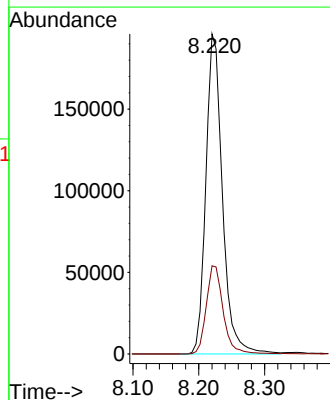
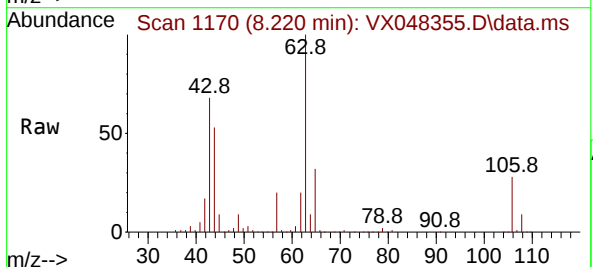
Acq: 27 Oct 2025 09:05

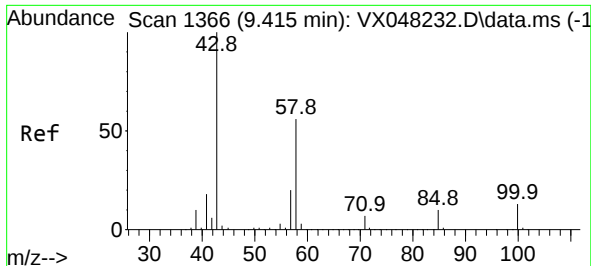
Tgt Ion: 63 Resp: 343743

Ion Ratio Lower Upper

63 100

106 28.2 22.2 33.2





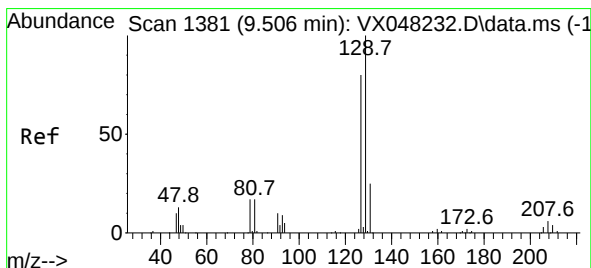
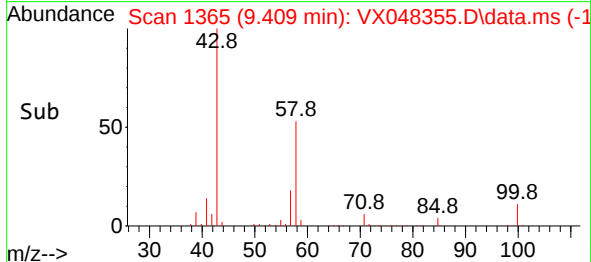
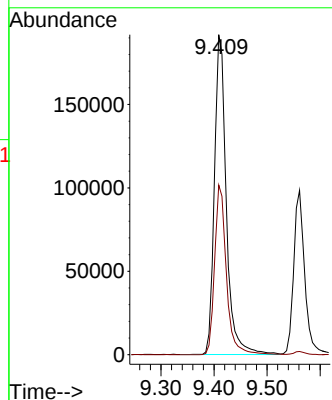
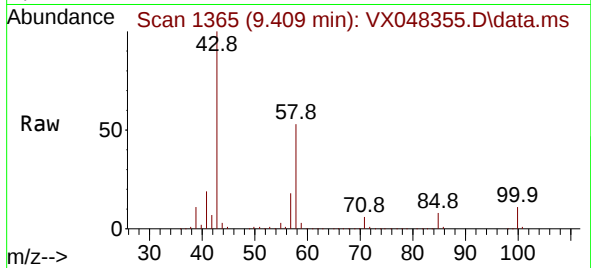
#59
2-Hexanone
Concen: 253.948 ug/l
RT: 9.409 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 29897
Ion Ratio Lower Upper
43 100
58 52.7 26.3 78.8

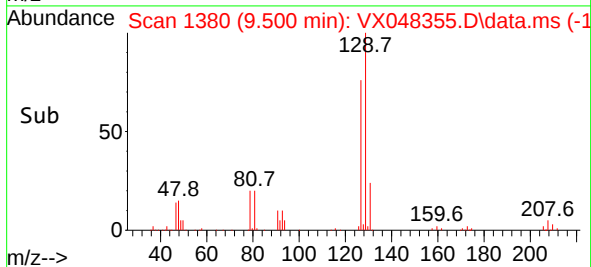
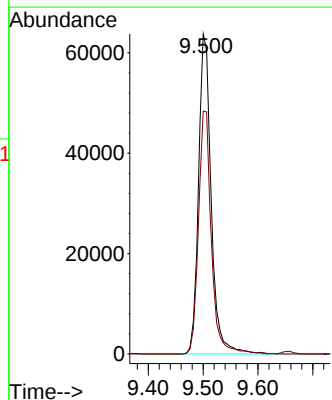
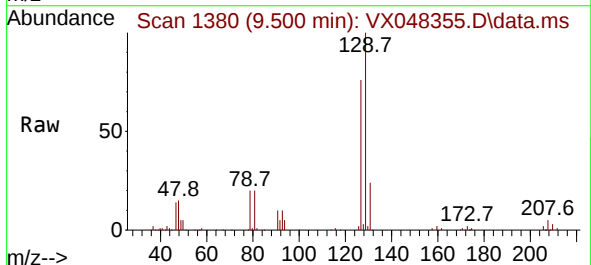
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#60
Dibromochloromethane
Concen: 51.739 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

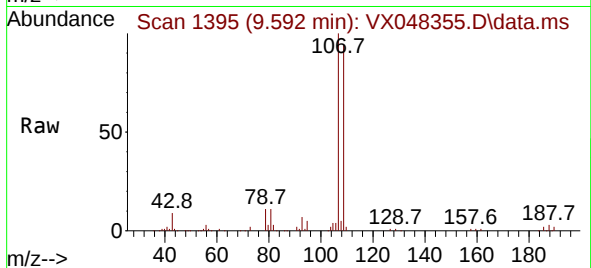
Tgt Ion:129 Resp: 102592
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 53.368 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

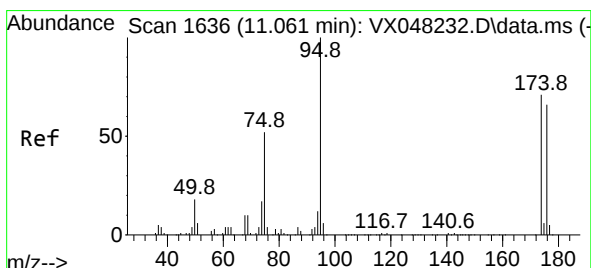
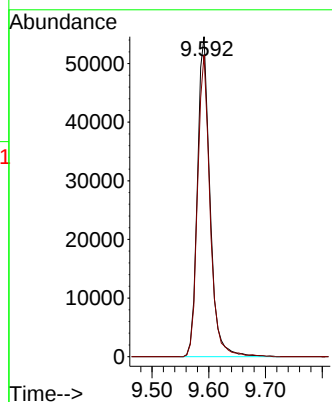
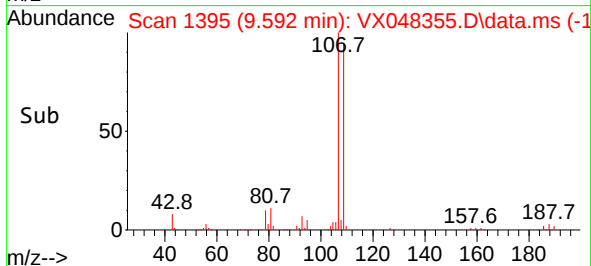
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



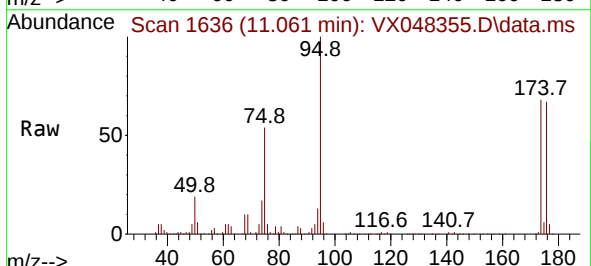
Tgt Ion:107 Resp: 83935
Ion Ratio Lower Upper
107 100
109 93.9 77.0 115.4

Manual Integrations
APPROVED

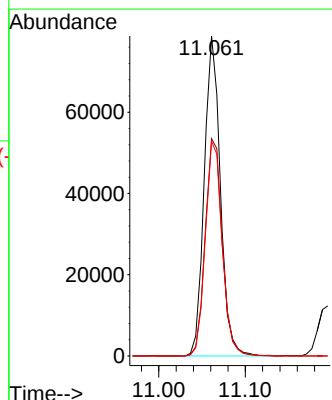
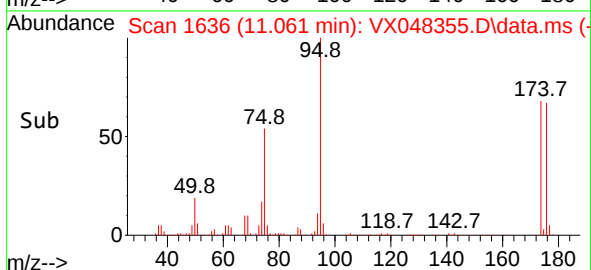
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

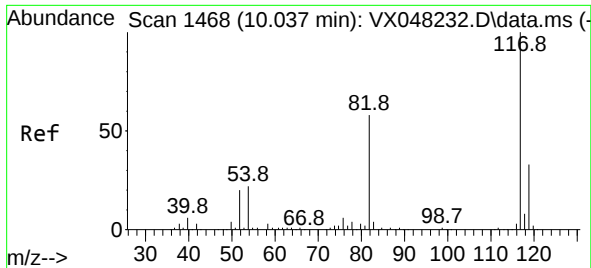


#62
4-Bromofluorobenzene
Concen: 50.390 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05



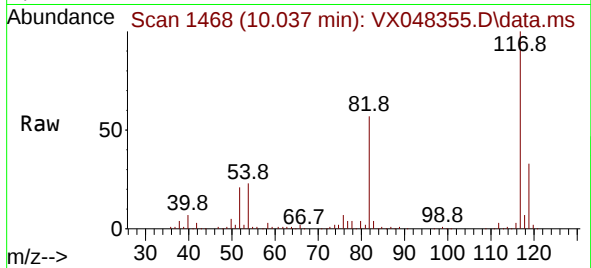
Tgt Ion: 95 Resp: 101680
Ion Ratio Lower Upper
95 100
174 71.9 0.0 147.8
176 70.1 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

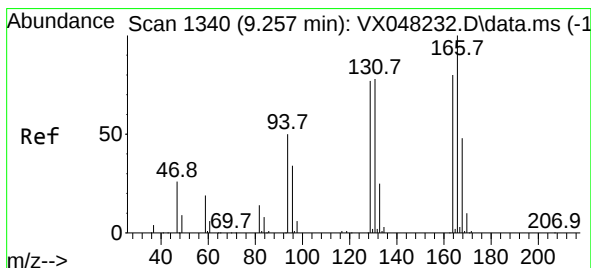
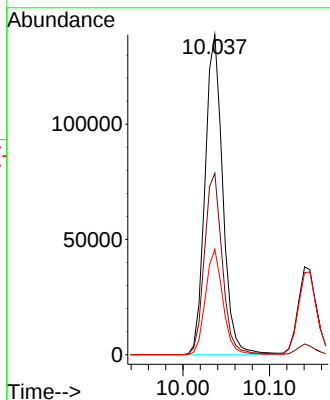
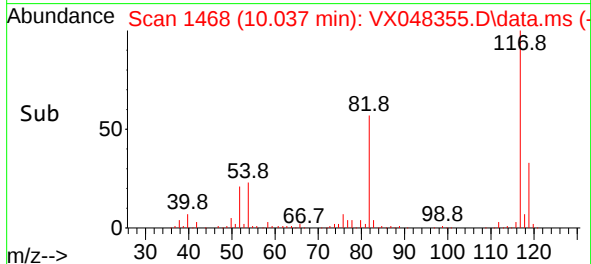
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 19739
Ion Ratio Lower Upper
117 100
82 56.7 46.5 69.7
119 32.9 25.9 38.9

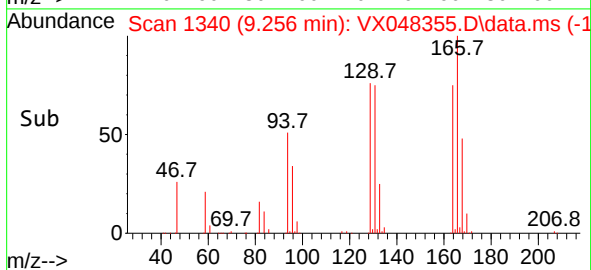
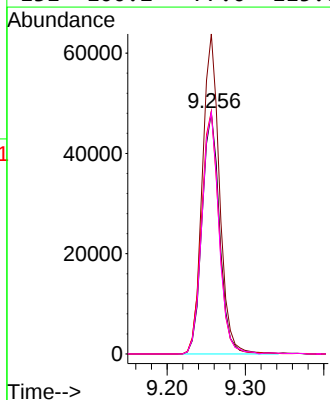
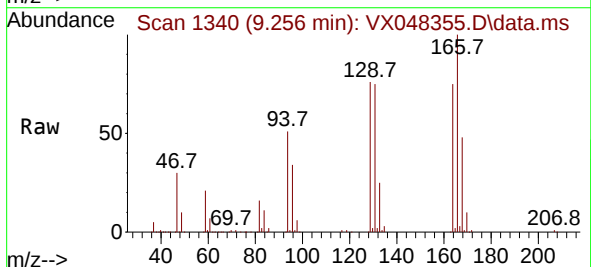
Manual Integrations
APPROVED

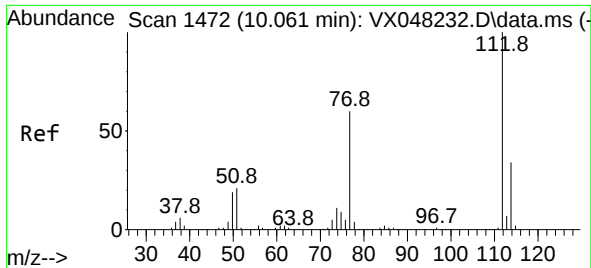
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#64
Tetrachloroethene
Concen: 50.413 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Tgt Ion:164 Resp: 74288
Ion Ratio Lower Upper
164 100
166 132.7 104.5 156.7
129 100.7 81.8 122.6
131 100.2 77.0 115.6





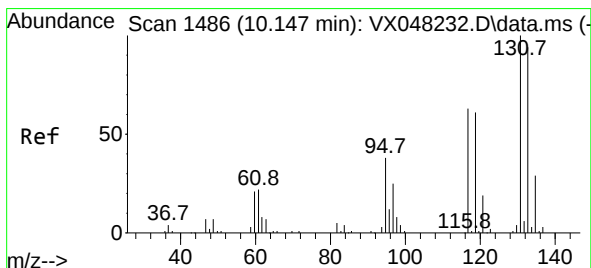
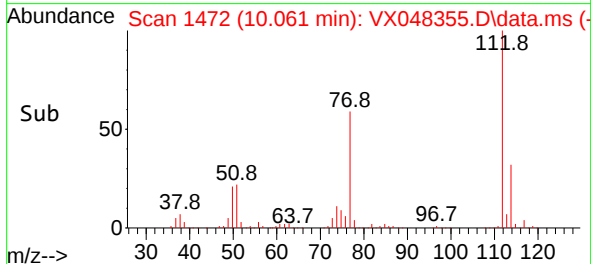
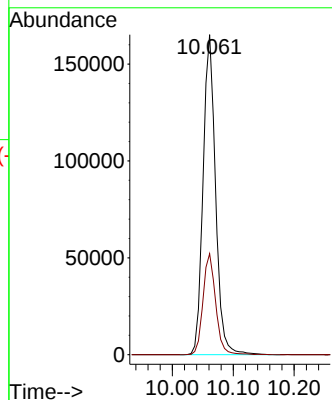
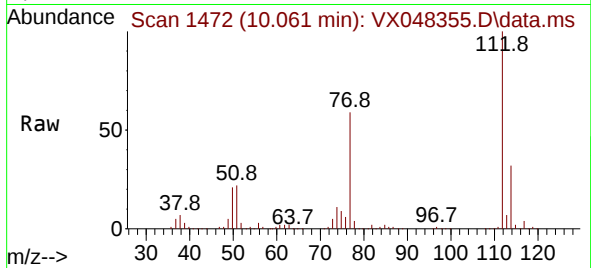
#65
Chlorobenzene
Concen: 53.007 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 235379
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

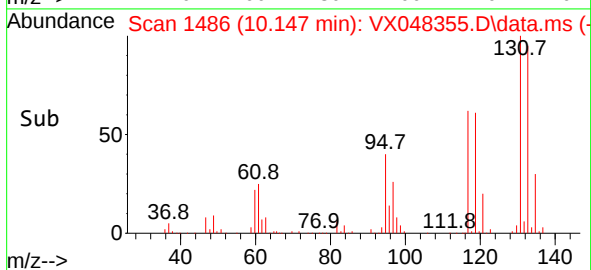
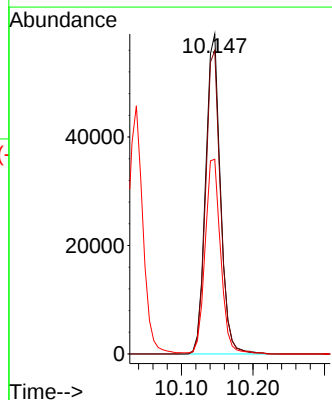
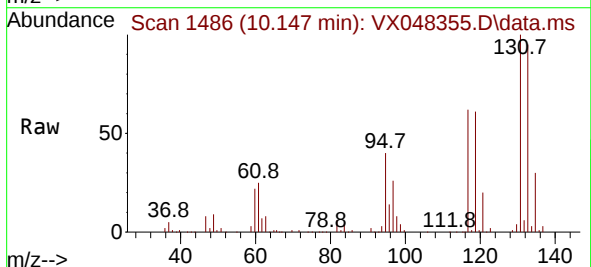
Manual Integrations
APPROVED

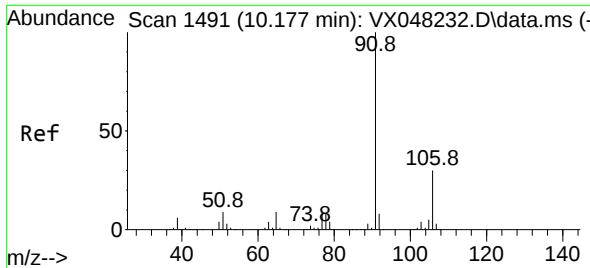
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.052 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

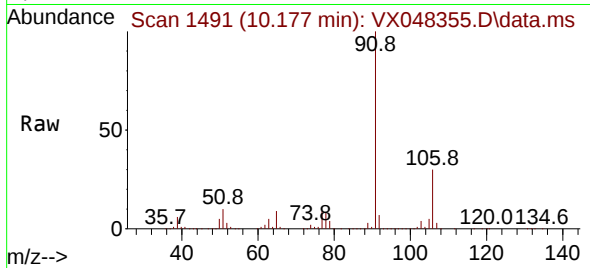
Tgt Ion:131 Resp: 84894
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 64.1 32.5 97.5





#67
Ethyl Benzene
Concen: 52.775 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

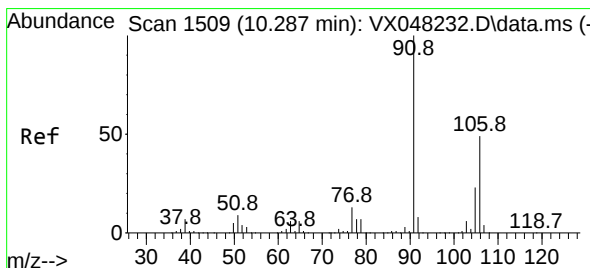
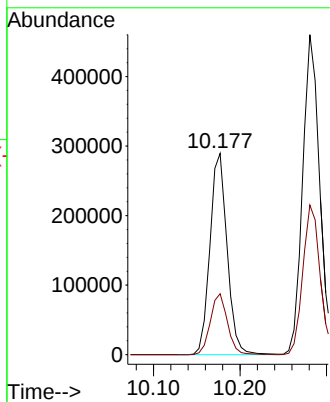
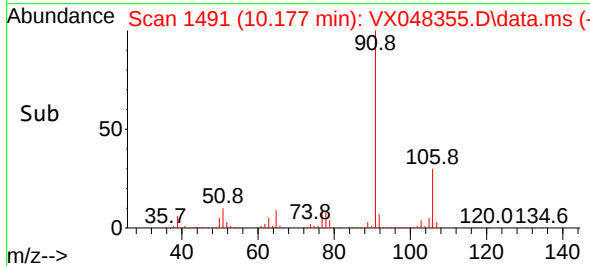
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 398991
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.6

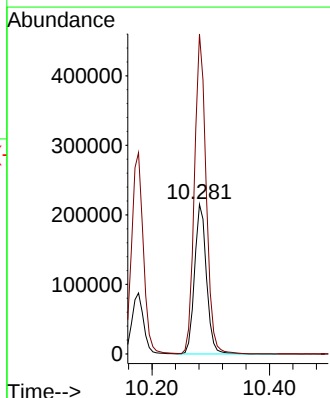
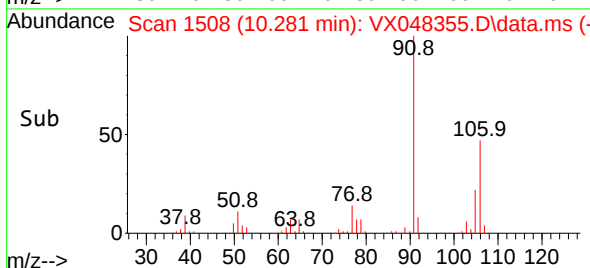
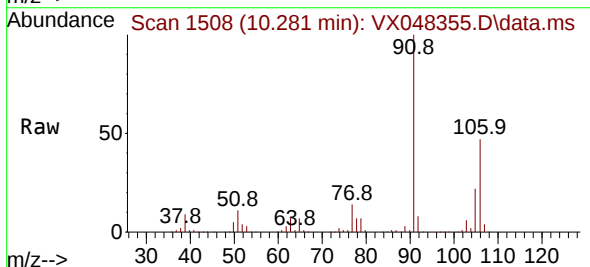
Manual Integrations
APPROVED

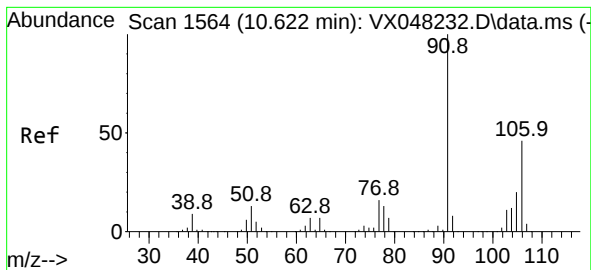
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#68
m/p-Xylenes
Concen: 107.585 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Tgt Ion:106 Resp: 302203
Ion Ratio Lower Upper
106 100
91 210.1 167.9 251.9





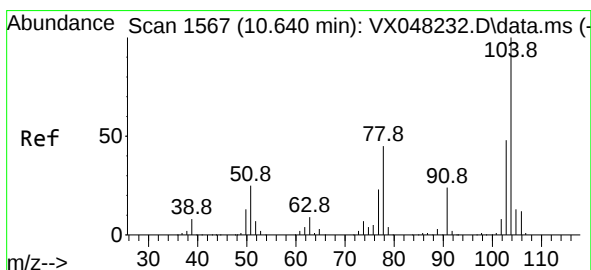
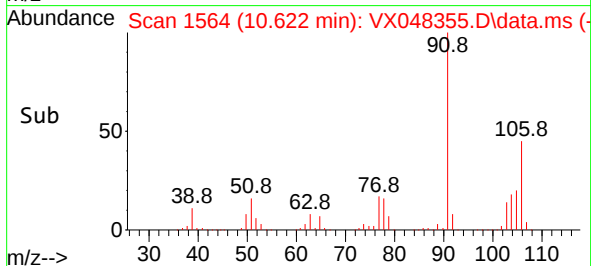
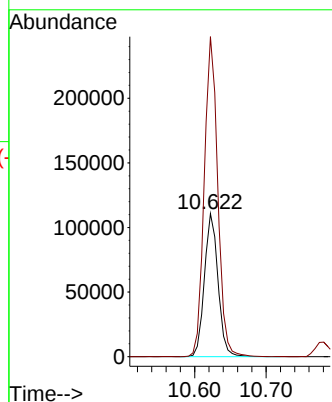
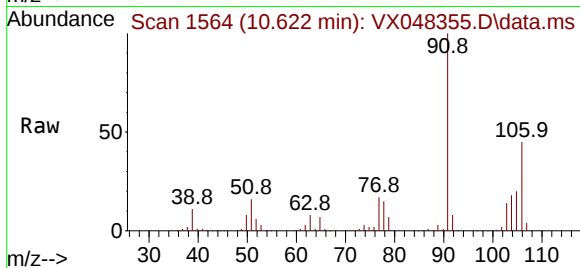
#69
o-Xylene
Concen: 53.997 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 146432
Ion Ratio Lower Upper
106 100
91 222.3 111.3 333.9

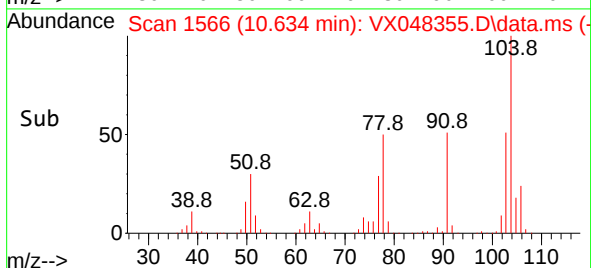
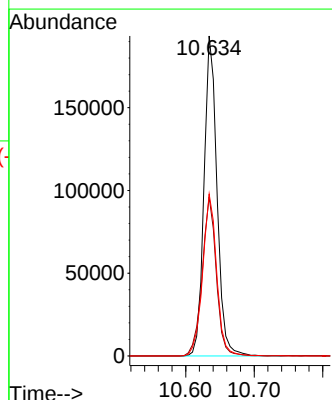
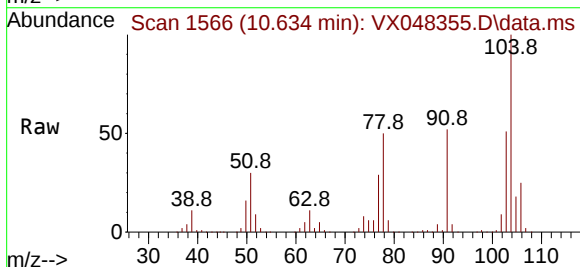
Manual Integrations
APPROVED

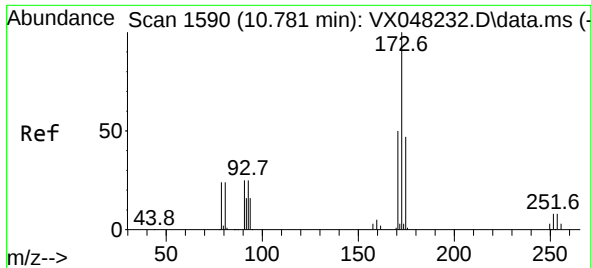
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#70
Styrene
Concen: 55.316 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

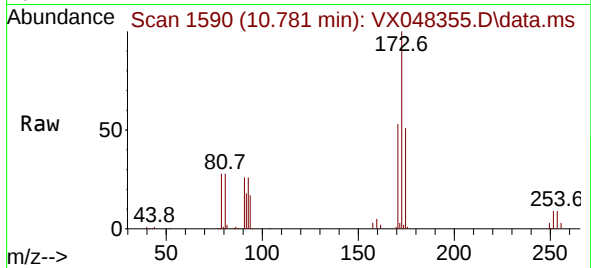
Tgt Ion:104 Resp: 255432
Ion Ratio Lower Upper
104 100
78 54.0 42.2 63.4
103 54.7 43.0 64.4





#71
Bromoform
Concen: 48.260 ug/l
RT: 10.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

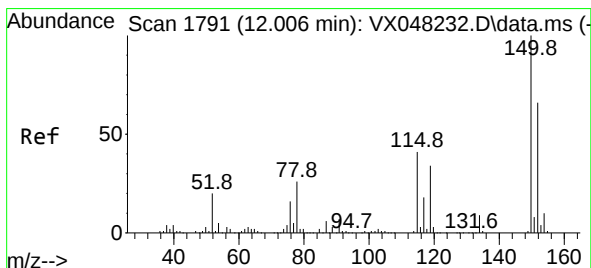
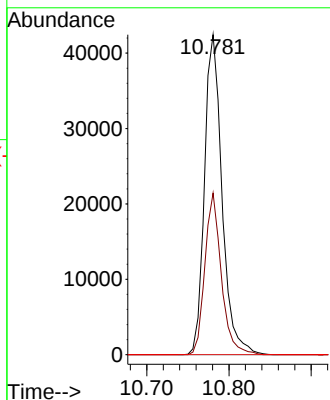
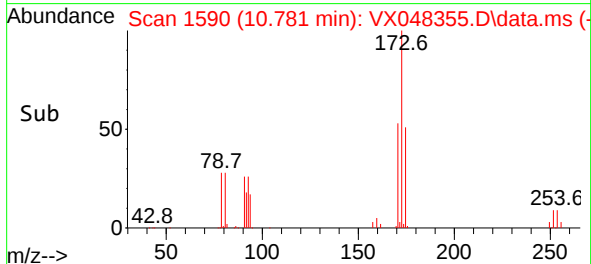
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



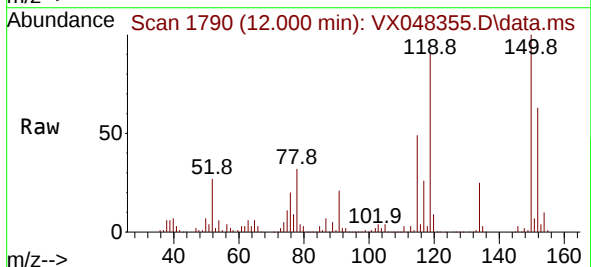
Tgt Ion:173 Resp: 62908
Ion Ratio Lower Upper
173 100
175 47.4 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

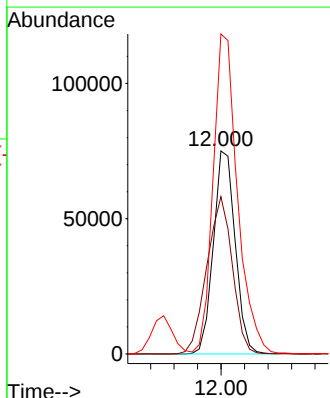
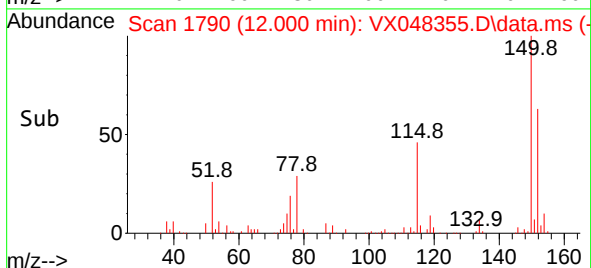
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

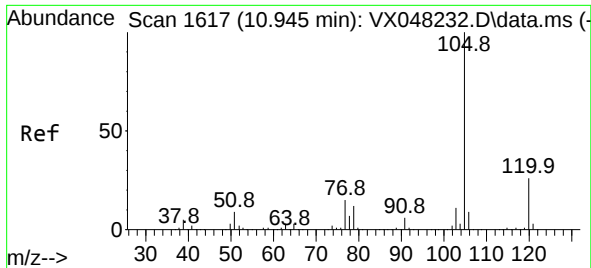


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05



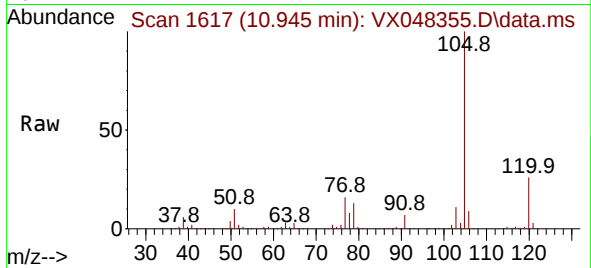
Tgt Ion:152 Resp: 97107
Ion Ratio Lower Upper
152 100
115 90.3 43.1 129.4
150 175.4 0.0 353.0





#73
Isopropylbenzene
Concen: 52.939 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

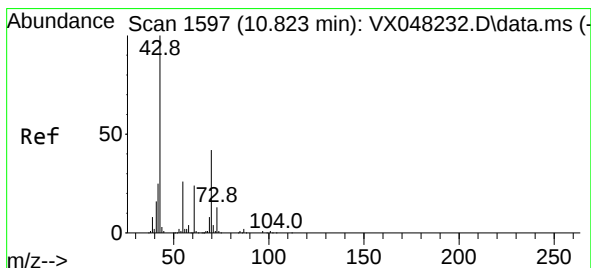
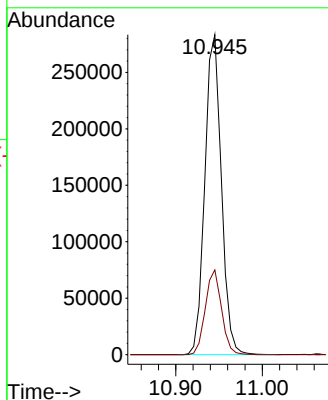
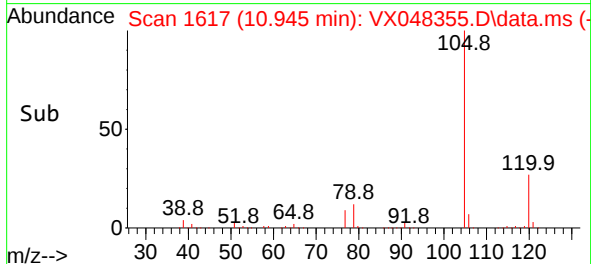
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 37548
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

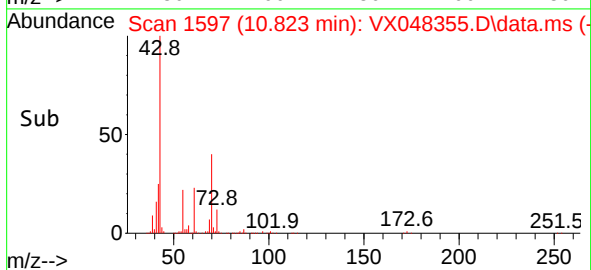
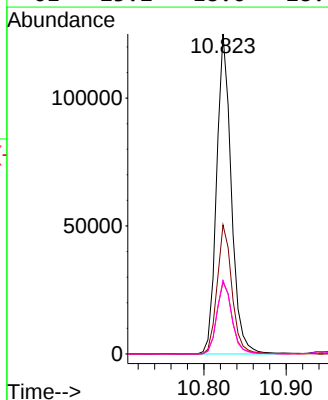
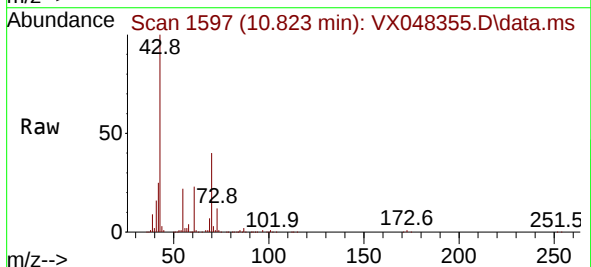
Manual Integrations
APPROVED

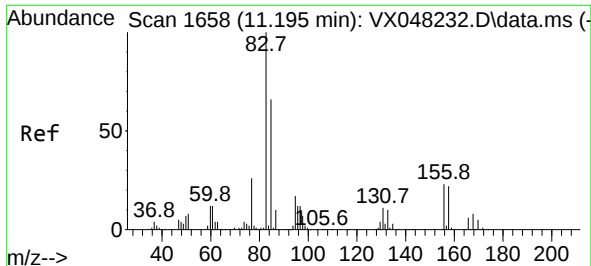
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#74
N-ethyl acetate
Concen: 61.665 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

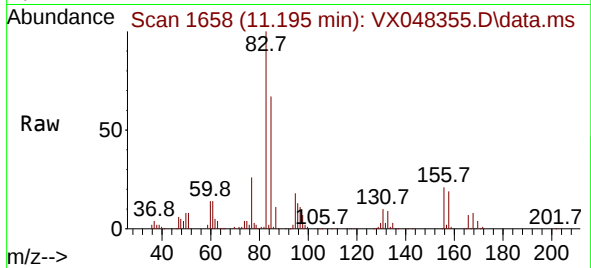
Tgt Ion: 43 Resp: 155140
Ion Ratio Lower Upper
43 100
70 40.8 32.2 48.2
55 23.5 19.1 28.7
61 23.2 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 52.390 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

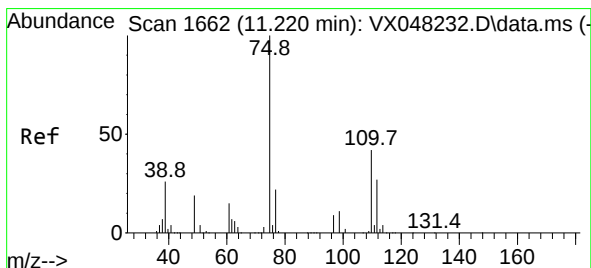
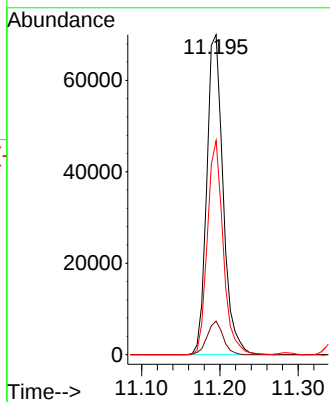
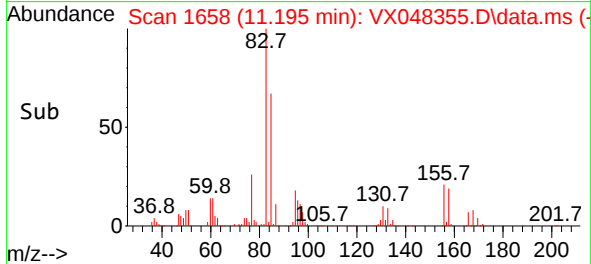
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 101475
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.4
85 64.6 31.9 95.7

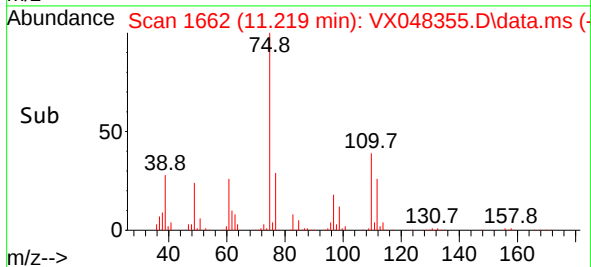
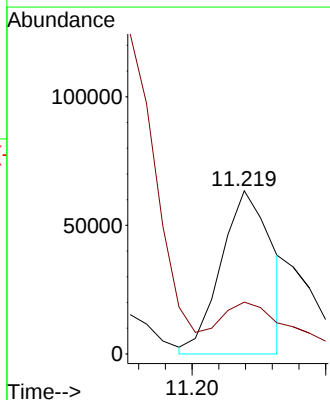
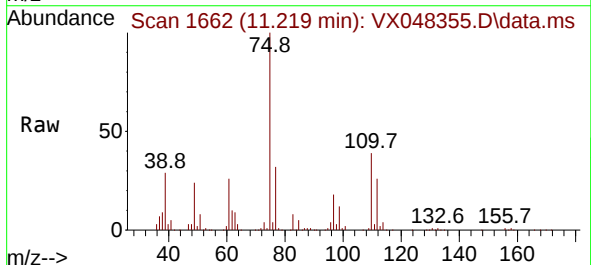
Manual Integrations
APPROVED

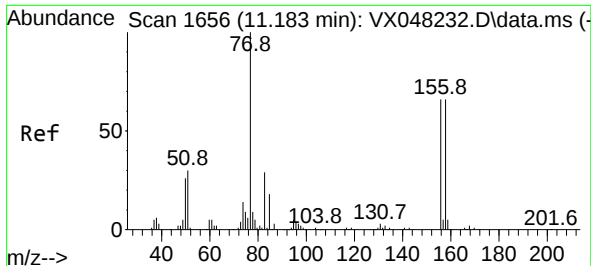
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#76
1,2,3-Trichloropropane
Concen: 53.106 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

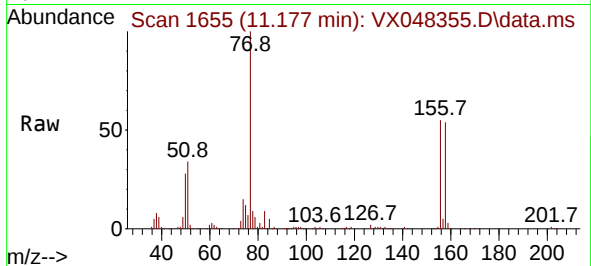
Tgt Ion: 75 Resp: 83629
Ion Ratio Lower Upper
75 100
77 45.0 22.4 67.2





#77
Bromobenzene
Concen: 52.830 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

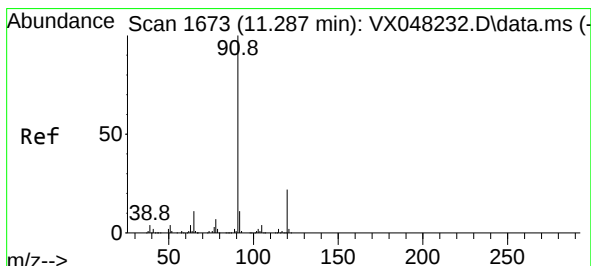
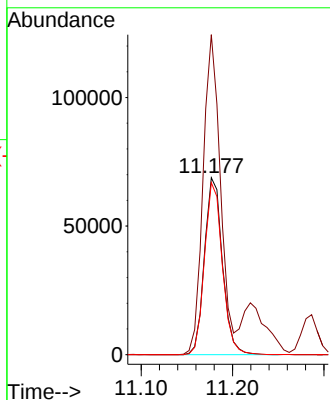
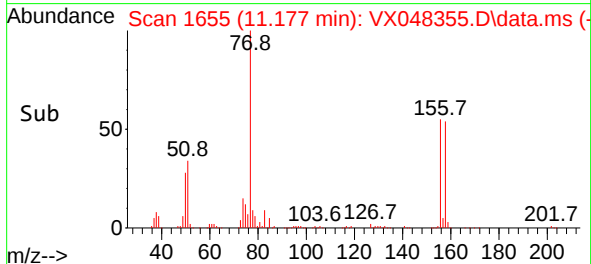
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



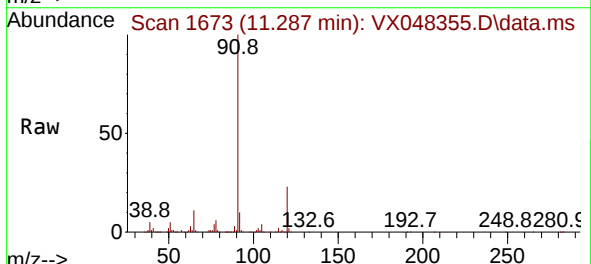
Tgt Ion:156 Resp: 93954
Ion Ratio Lower Upper
156 100
77 173.6 87.0 261.0
158 96.5 47.8 143.4

Manual Integrations
APPROVED

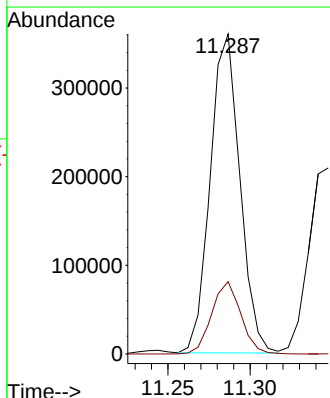
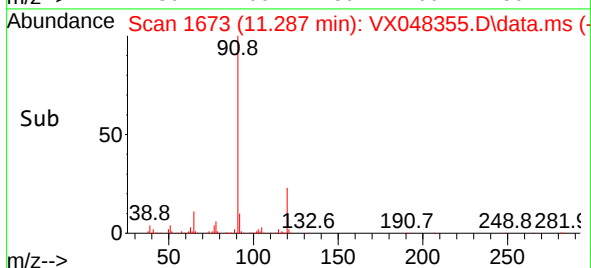
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

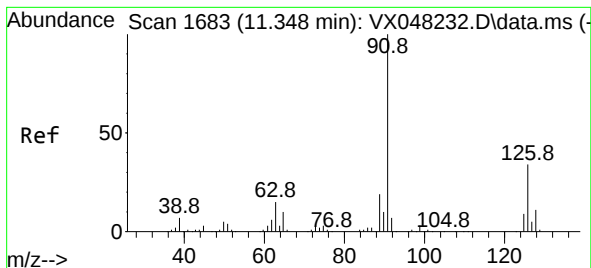


#78
n-propylbenzene
Concen: 55.070 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05



Tgt Ion: 91 Resp: 452247
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.1





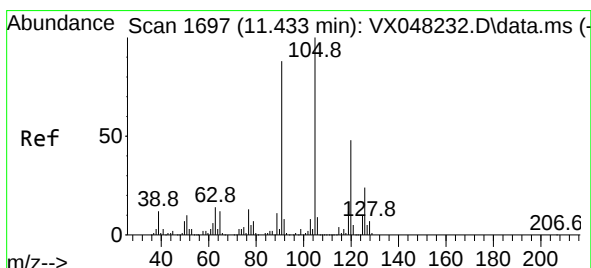
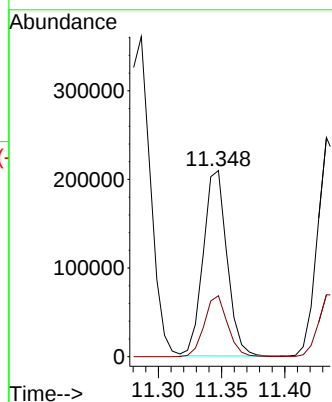
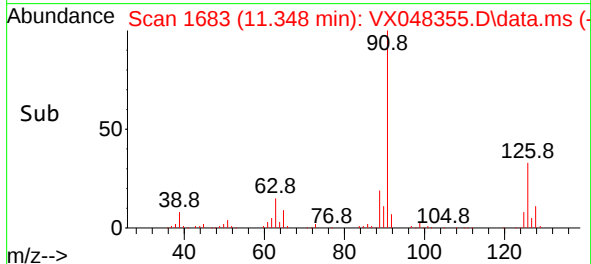
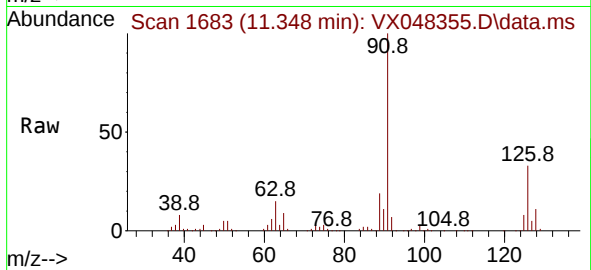
#79
2-Chlorotoluene
Concen: 55.110 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 274388
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.4

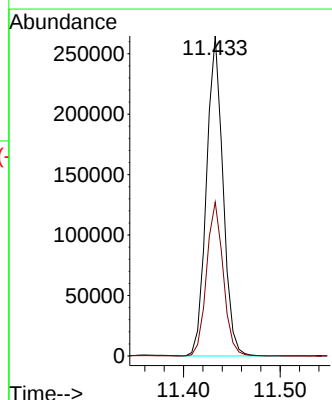
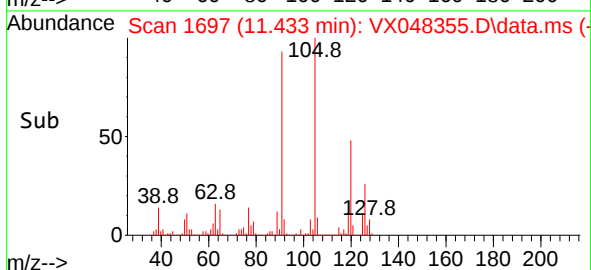
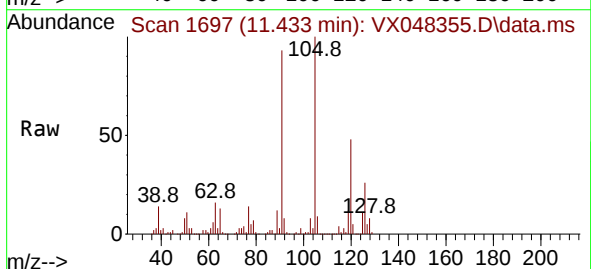
Manual Integrations
APPROVED

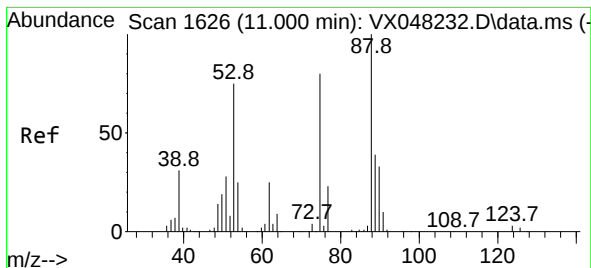
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.461 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

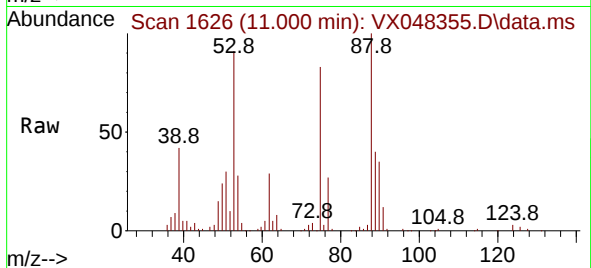
Tgt Ion:105 Resp: 313791
Ion Ratio Lower Upper
105 100
120 48.5 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 36.799 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

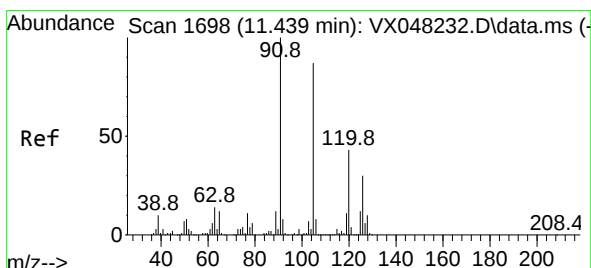
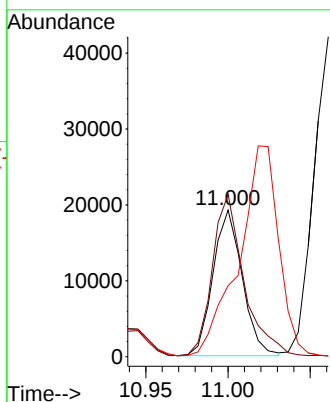
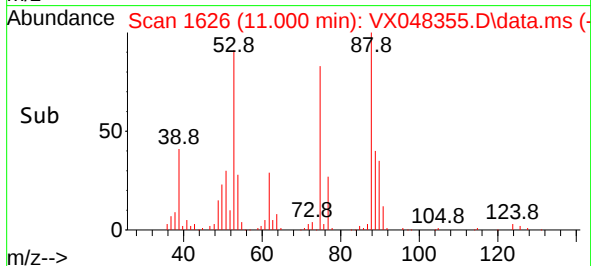
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



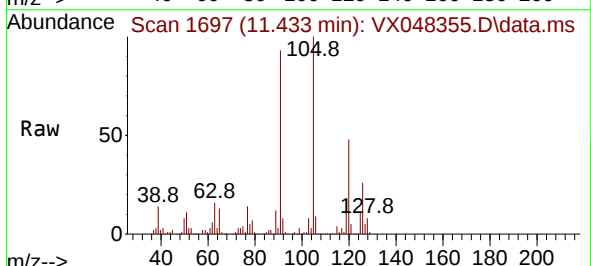
Tgt Ion: 75 Resp: 23819
Ion Ratio Lower Upper
75 100
53 122.1 79.5 119.3
89 197.7 36.8 55.2

Manual Integrations
APPROVED

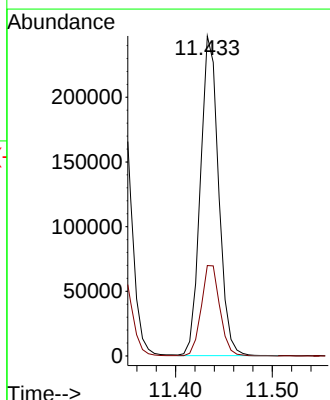
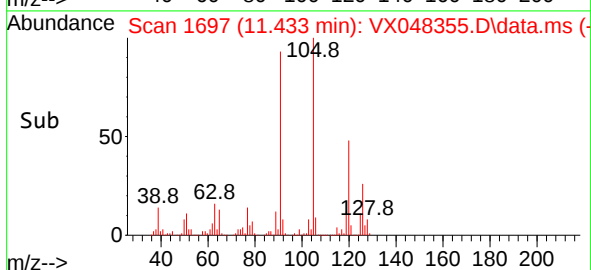
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

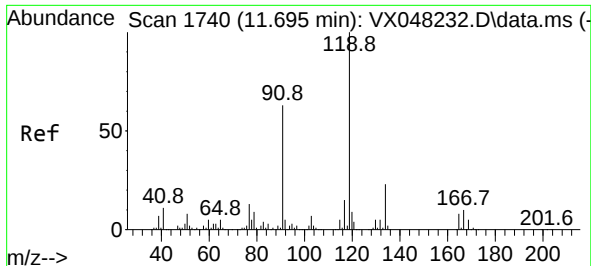


#82
4-Chlorotoluene
Concen: 54.685 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05



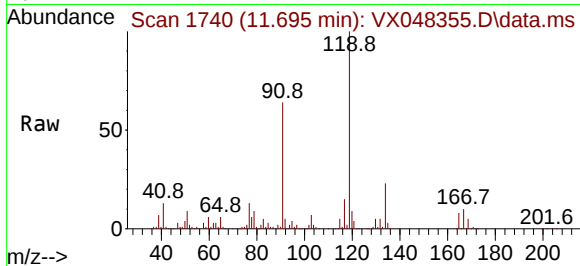
Tgt Ion: 91 Resp: 323214
Ion Ratio Lower Upper
91 100
126 29.1 14.1 42.4





#83
tert-Butylbenzene
Concen: 51.264 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

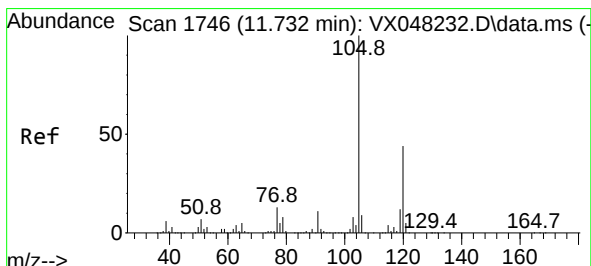
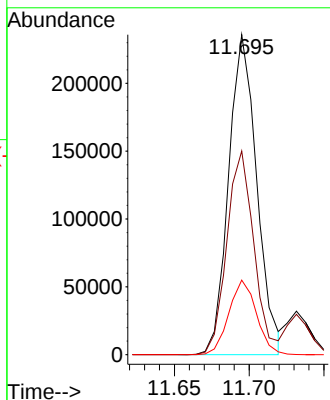
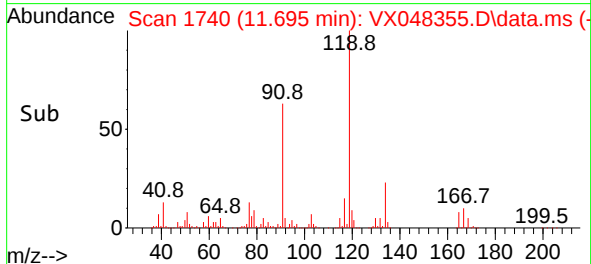
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



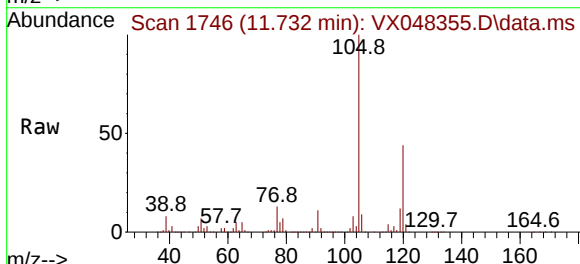
Tgt Ion:119 Resp: 309158
Ion Ratio Lower Upper
119 100
91 61.4 30.3 91.0
134 22.9 11.4 34.2

Manual Integrations
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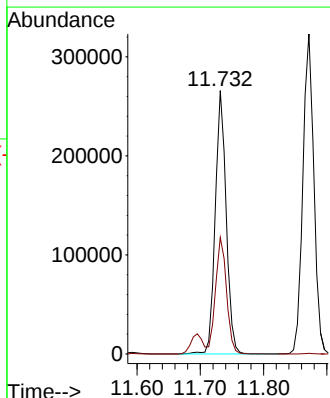
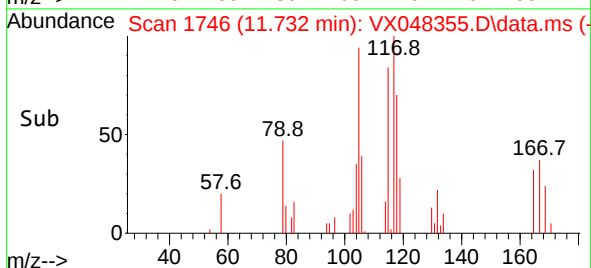
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

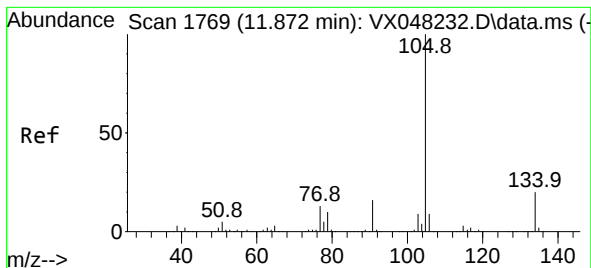


#84
1,2,4-Trimethylbenzene
Concen: 54.510 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05



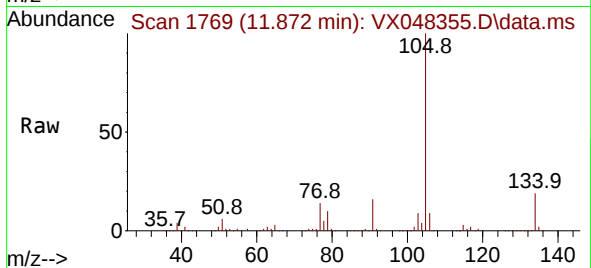
Tgt Ion:105 Resp: 319307
Ion Ratio Lower Upper
105 100
120 44.8 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 53.347 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048355.D
 Acq: 27 Oct 2025 09:05

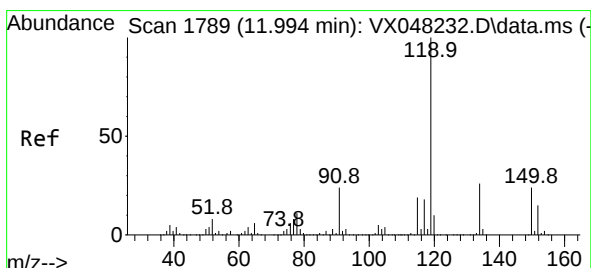
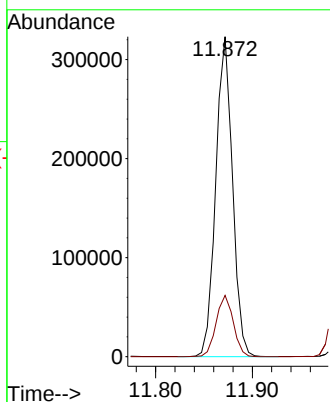
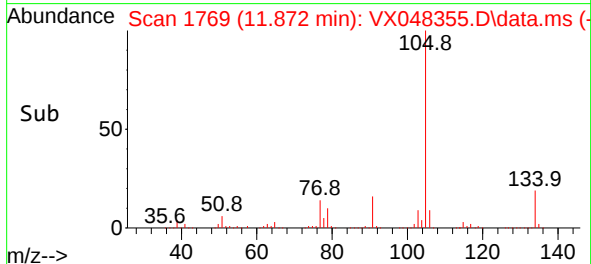
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



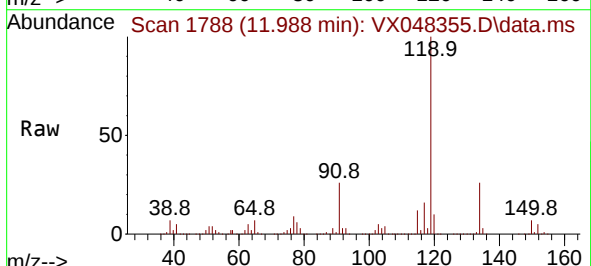
Tgt Ion:105 Resp: 387069
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1

Manual Integrations
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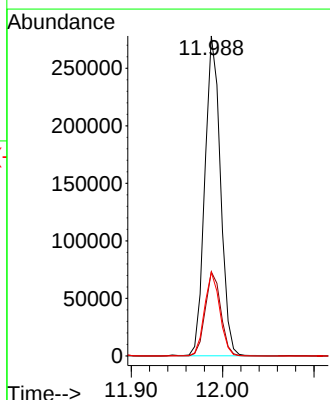
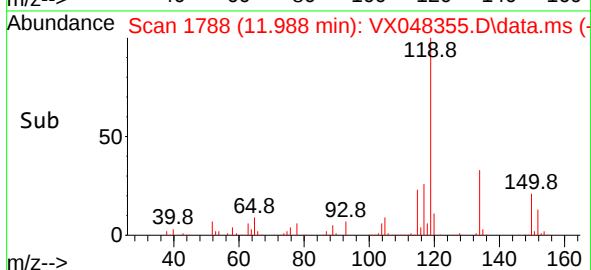
Reviewed By :John Carlone 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025

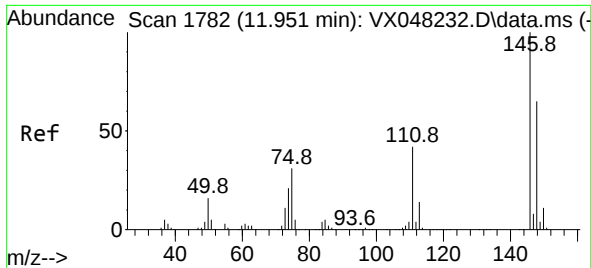


#86
 p-Isopropyltoluene
 Concen: 52.381 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048355.D
 Acq: 27 Oct 2025 09:05



Tgt Ion:119 Resp: 328504
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 25.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 51.258 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048355.D

Acq: 27 Oct 2025 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 17185

Ion Ratio Lower Upper

146 100

111 42.9 20.4 61.2

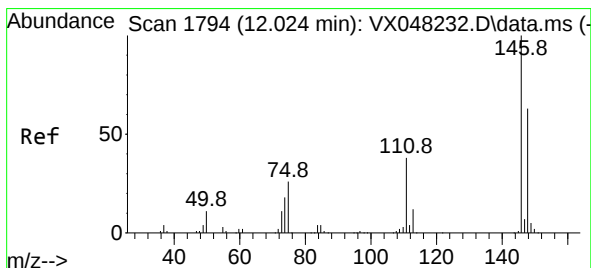
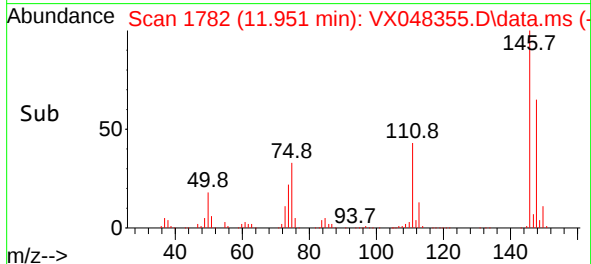
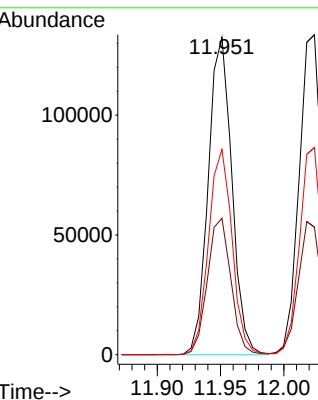
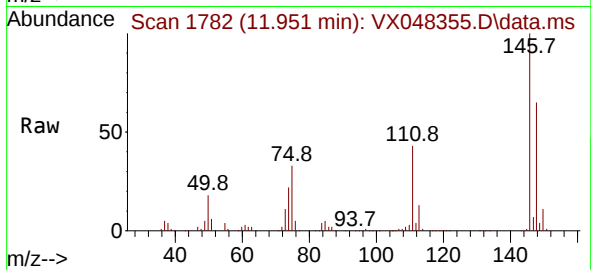
148 64.7 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#88

1,4-Dichlorobenzene

Concen: 50.063 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048355.D

Acq: 27 Oct 2025 09:05

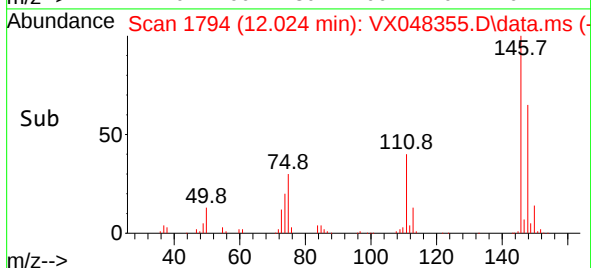
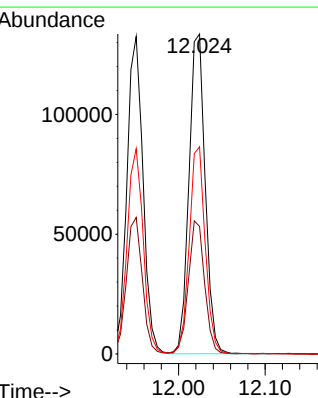
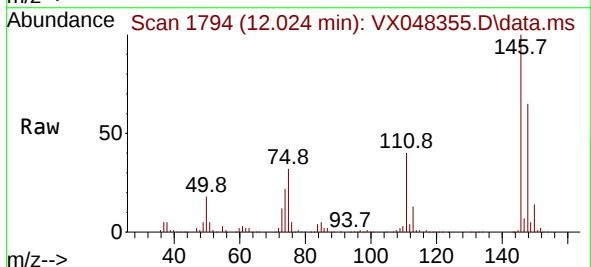
Tgt Ion:146 Resp: 173880

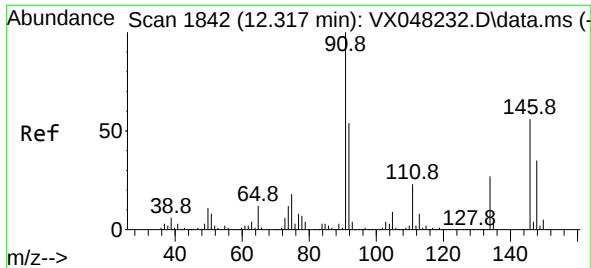
Ion Ratio Lower Upper

146 100

111 41.6 20.1 60.2

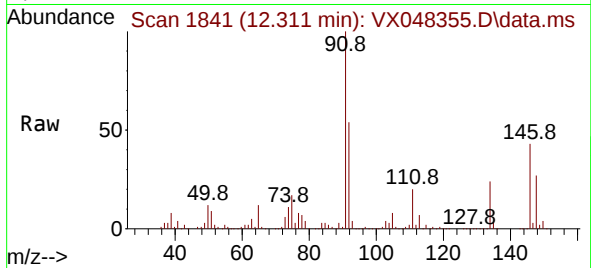
148 63.8 31.8 95.3





#89
n-Butylbenzene
Concen: 54.597 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

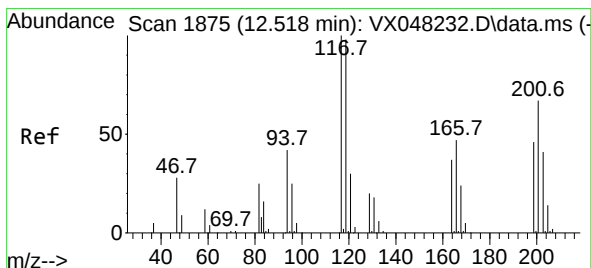
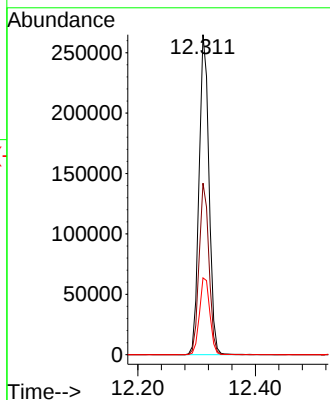
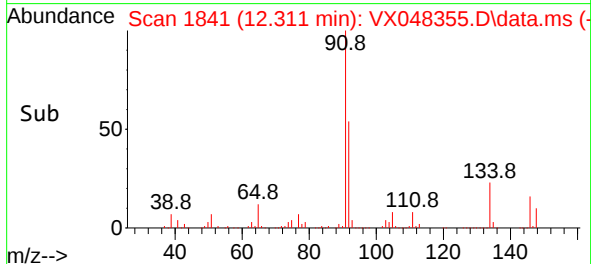
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 311650
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.6
134 25.0 12.7 38.1

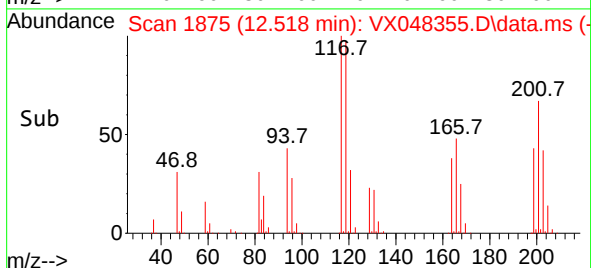
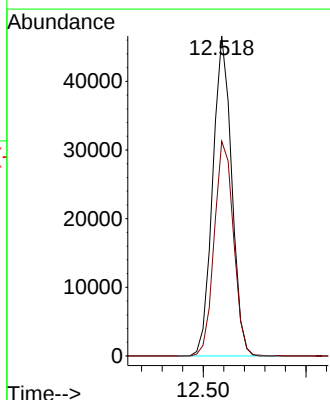
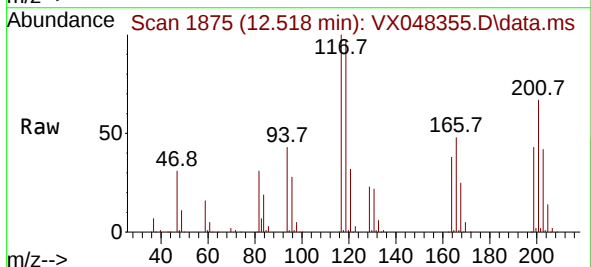
Manual Integrations
APPROVED

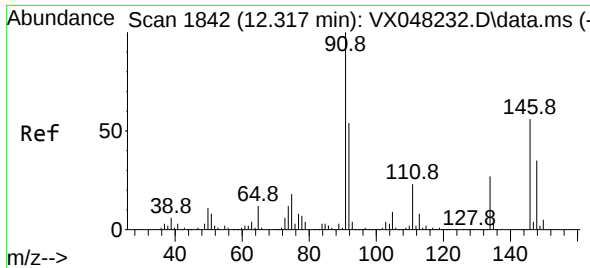
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#90
Hexachloroethane
Concen: 48.050 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

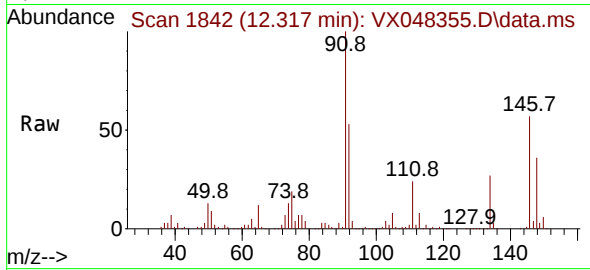
Tgt Ion:117 Resp: 59508
Ion Ratio Lower Upper
117 100
201 68.2 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 52.585 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

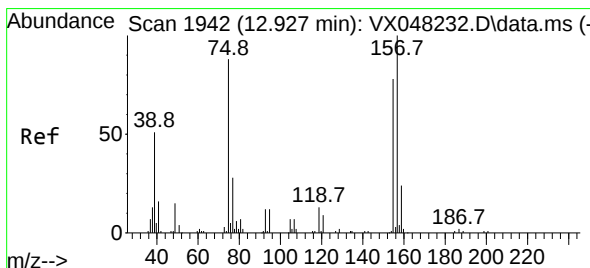
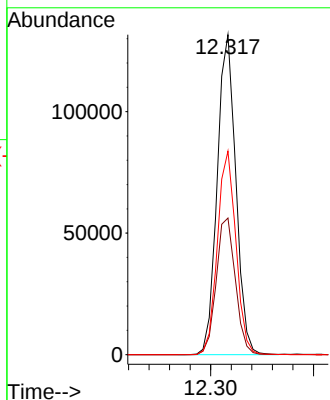
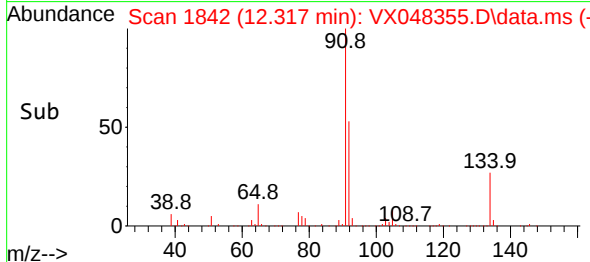
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion:146 Resp: 165529
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.5
148 63.2 31.9 95.5

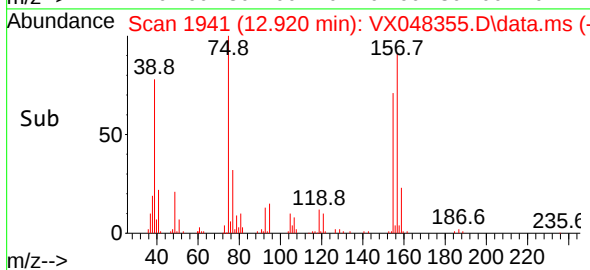
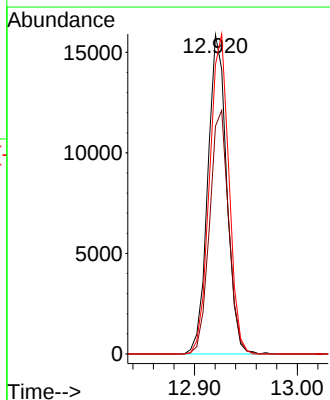
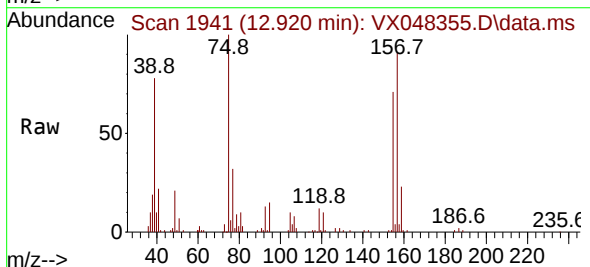
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.538 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

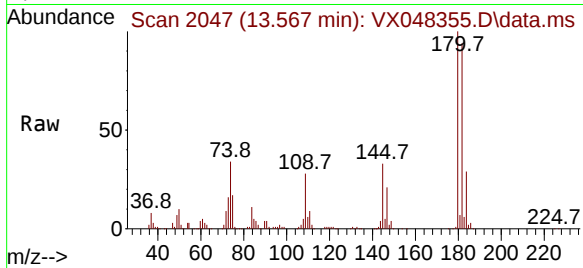
Tgt Ion: 75 Resp: 20263
Ion Ratio Lower Upper
75 100
155 77.0 42.8 128.4
157 101.9 54.2 162.6





#93
 1,2,4-Trichlorobenzene
 Concen: 52.712 ug/l
 RT: 13.567 min Scan# 2047
 Delta R.T. -0.000 min
 Lab File: VX048355.D
 Acq: 27 Oct 2025 09:05

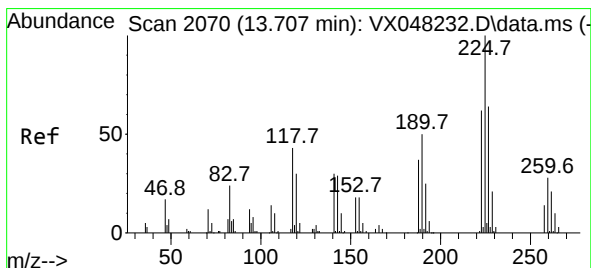
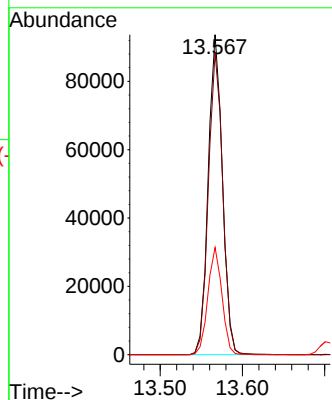
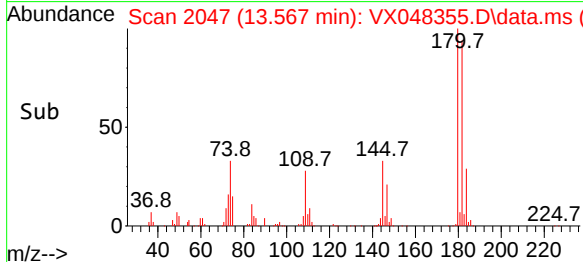
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



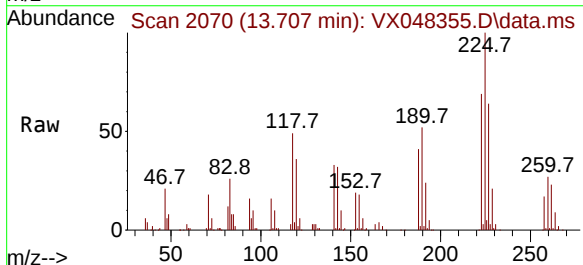
Tgt Ion:180 Resp: 112208
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 142.0
 145 33.1 16.3 48.9

Manual Integrations
 APPROVED

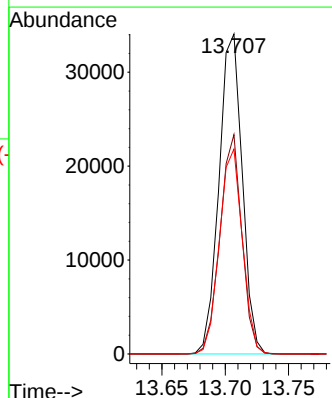
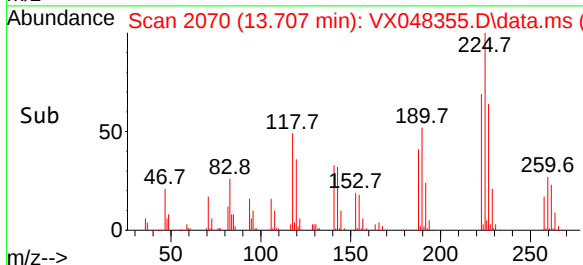
Reviewed By :John Carlone 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025

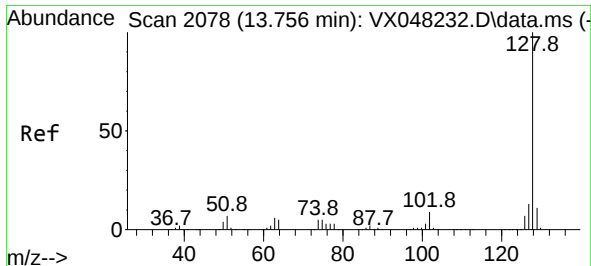


#94
 Hexachlorobutadiene
 Concen: 54.450 ug/l
 RT: 13.707 min Scan# 2070
 Delta R.T. 0.006 min
 Lab File: VX048355.D
 Acq: 27 Oct 2025 09:05



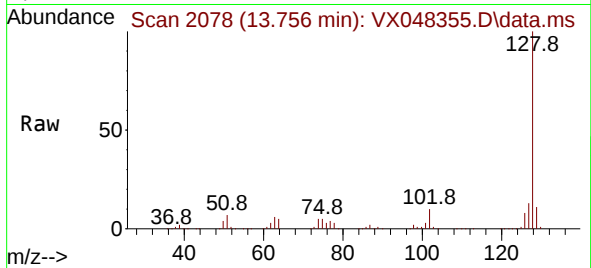
Tgt Ion:225 Resp: 43438
 Ion Ratio Lower Upper
 225 100
 223 64.5 32.6 97.7
 227 63.4 32.5 97.4





#95
Naphthalene
Concen: 53.163 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

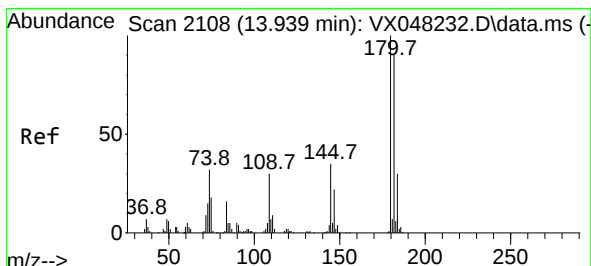
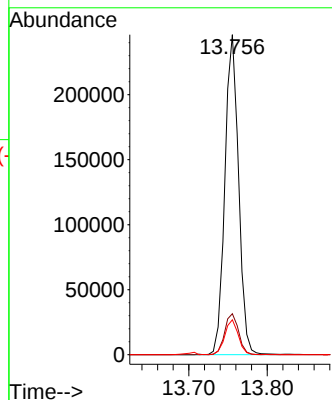
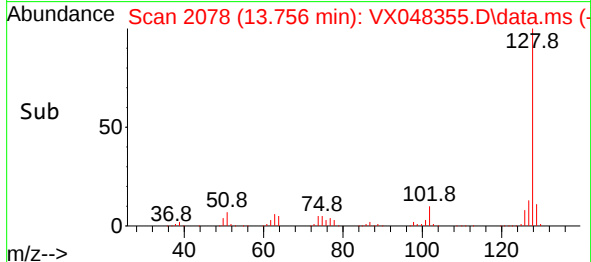
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 299825
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.774 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048355.D
Acq: 27 Oct 2025 09:05

Tgt Ion:180 Resp: 103088
Ion Ratio Lower Upper
180 100
182 94.6 46.6 139.7
145 35.2 16.9 50.7

