

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048380.D
 Acq On : 27 Oct 2025 18:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 01:58:25 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	5.537	168	140817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	246706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	224124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	101485	51.402	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.800%			
35) Dibromofluoromethane	5.373	113	64627	38.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 76.740%			
50) Toluene-d8	8.634	98	266155	45.085	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.160%#			
62) 4-Bromofluorobenzene	11.061	95	104304	46.443	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	61427	42.433	ug/l	96
3) Chloromethane	1.300	50	32863	24.321	ug/l	100
4) Vinyl Chloride	1.380	62	84051	67.174	ug/l	99
5) Bromomethane	1.617	94	30527	35.950	ug/l	100
6) Chloroethane	1.697	64	52530	71.445	ug/l	96
7) Trichlorofluoromethane	1.898	101	138460	57.699	ug/l	99
8) Diethyl Ether	2.136	74	51867	76.815	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	75659	49.789	ug/l	99
10) Methyl Iodide	2.459	142	282790	148.032	ug/l	99
11) Tert butyl alcohol	2.934	59	39853	203.302	ug/l	100
12) 1,1-Dichloroethene	2.325	96	75053	50.767	ug/l	100
13) Acrolein	2.233	56	49040	245.289	ug/l	97
14) Allyl chloride	2.666	41	132565	54.008	ug/l	98
15) Acrylonitrile	3.056	53	181155	256.282	ug/l	98
16) Acetone	2.373	43	139793	206.392	ug/l	99
17) Carbon Disulfide	2.520	76	204845	43.964	ug/l	99
18) Methyl Acetate	2.696	43	81069	57.312	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	269364	53.408	ug/l	96
20) Methylene Chloride	2.788	84	87312	52.905	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	81187	49.994	ug/l	97
22) Diisopropyl ether	3.751	45	295300	60.319	ug/l	96
23) Vinyl Acetate	3.715	43	1024205	261.903	ug/l	99
24) 1,1-Dichloroethane	3.605	63	161445	54.538	ug/l	100
25) 2-Butanone	4.538	43	204512	238.551	ug/l	99
26) 2,2-Dichloropropane	4.471	77	130151	48.711	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	99606	52.556	ug/l	99
28) Bromochloromethane	4.891	49	65961	53.740	ug/l	98
29) Tetrahydrofuran	4.989	42	135882	264.648	ug/l	99
30) Chloroform	5.086	83	164525	52.021	ug/l	96
31) Cyclohexane	5.464	56	127193	51.899	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	146545	50.277	ug/l	98
36) 1,1-Dichloropropene	5.684	75	107033	44.711	ug/l	99
37) Ethyl Acetate	4.696	43	100387	50.593	ug/l	98
38) Carbon Tetrachloride	5.672	117	124498	42.154	ug/l	97
39) Methylcyclohexane	7.366	83	127885	45.235	ug/l	98
40) Benzene	6.025	78	332325	47.815	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	54518	52.320	ug/l	99
42) 1,2-Dichloroethane	6.074	62	127723	49.801	ug/l	100
43) Isopropyl Acetate	6.324	43	171679	52.674	ug/l	99
44) Trichloroethene	7.110	130	83554	45.528	ug/l	98
45) 1,2-Dichloropropane	7.415	63	84231	50.974	ug/l	98
46) Dibromomethane	7.568	93	61356	47.659	ug/l	99
47) Bromodichloromethane	7.805	83	133217	47.926	ug/l	97
48) Methyl methacrylate	7.677	41	83676	50.877	ug/l	98
49) 1,4-Dioxane	7.641	88	17627	811.250	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	473645	252.047	ug/l	97
52) Toluene	8.701	92	210277	47.624	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	120990	45.168	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	126345	43.718	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	78584	47.859	ug/l	99
56) Ethyl methacrylate	9.104	69	118736	49.439	ug/l	98
57) 1,3-Dichloropropane	9.293	76	137291	48.950	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	335436	259.685	ug/l	99
59) 2-Hexanone	9.415	43	324893	247.945	ug/l	100
60) Dibromochloromethane	9.506	129	97114	44.004	ug/l	98
61) 1,2-Dibromoethane	9.592	107	80599	46.044	ug/l	98
64) Tetrachloroethene	9.256	164	74347	44.436	ug/l	97
65) Chlorobenzene	10.061	112	232775	46.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	82537	44.571	ug/l	99
67) Ethyl Benzene	10.177	91	401983	46.830	ug/l	99
68) m/p-Xylenes	10.287	106	300620	94.258	ug/l	100
69) o-Xylene	10.622	106	146005	47.418	ug/l	99
70) Styrene	10.640	104	251273	47.926	ug/l	100
71) Bromoform	10.780	173	59358	40.106	ug/l #	100
73) Isopropylbenzene	10.945	105	380535	45.845	ug/l	99
74) N-amyl acetate	10.823	43	149758	50.864	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	99873	44.060	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	78344m	42.511	ug/l	
77) Bromobenzene	11.183	156	90748	43.602	ug/l	98
78) n-propylbenzene	11.286	91	449533	46.775	ug/l	99
79) 2-Chlorotoluene	11.347	91	267035	45.829	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	313707	45.669	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	22317	29.462	ug/l #	91
82) 4-Chlorotoluene	11.439	91	319192	46.147	ug/l	99
83) tert-Butylbenzene	11.695	119	318298	45.099	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	317986	46.386	ug/l	100
85) sec-Butylbenzene	11.872	105	384726	45.309	ug/l	100
86) p-Isopropyltoluene	11.987	119	331904	45.222	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	171365	43.676	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	172017	42.320	ug/l	99
89) n-Butylbenzene	12.311	91	308244	46.143	ug/l	99
90) Hexachloroethane	12.518	117	57474	39.655	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	160549	43.583	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	19726	42.872	ug/l	93
93) 1,2,4-Trichlorobenzene	13.566	180	108552	43.574	ug/l	100
94) Hexachlorobutadiene	13.707	225	43780	46.902	ug/l	96
95) Naphthalene	13.755	128	298363	45.206	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	100417	43.927	ug/l	98

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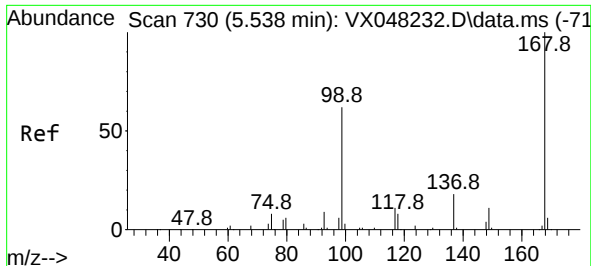
Manual Integrations
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Response via : Initial Calibration

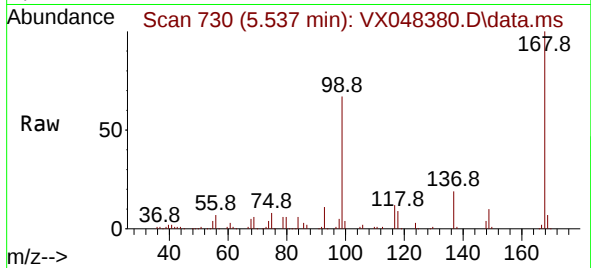
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
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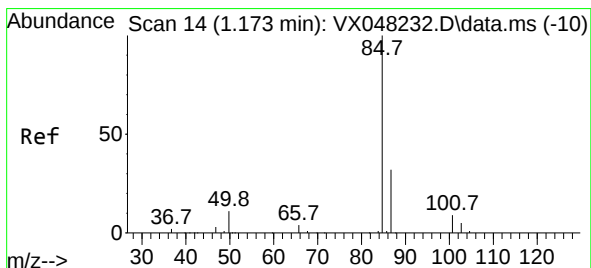
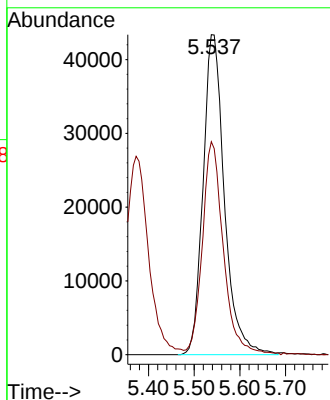
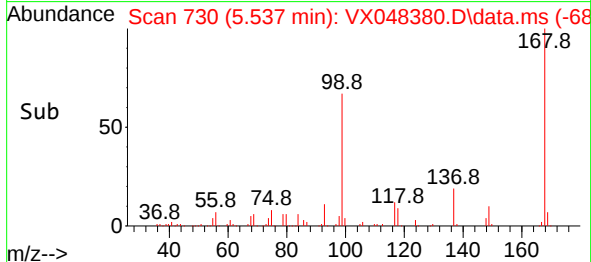
Instrument :
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Tgt Ion:168 Resp: 14081
Ion Ratio Lower Upper
168 100
99 66.0 46.4 69.6

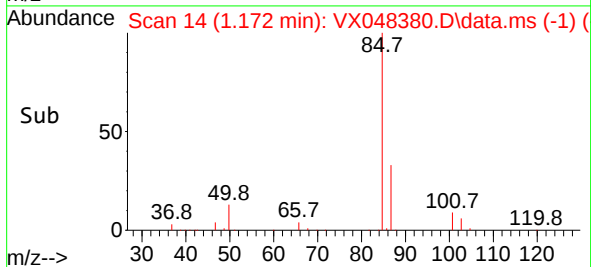
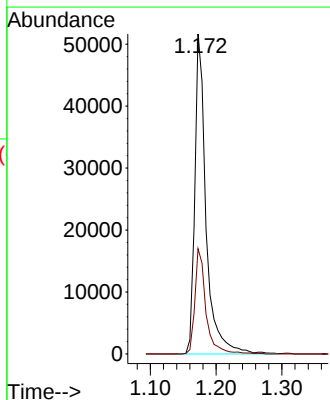
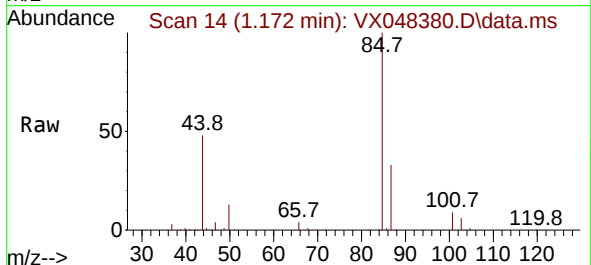
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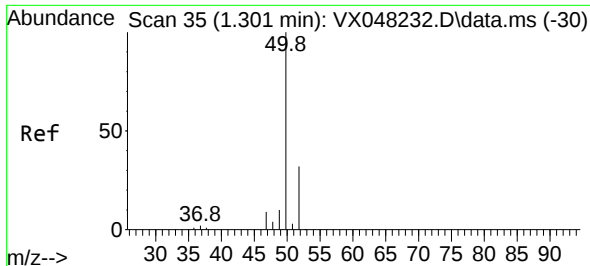
Reviewed By :John Carlone 10/28/2025
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#2
Dichlorodifluoromethane
Concen: 42.433 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

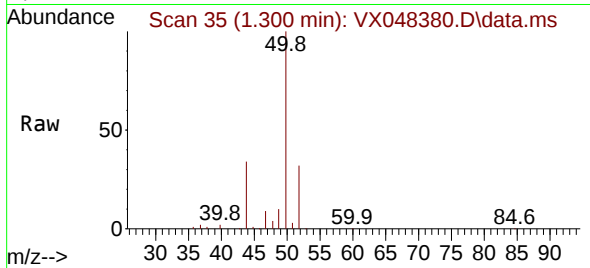
Tgt Ion: 85 Resp: 61427
Ion Ratio Lower Upper
85 100
87 32.9 15.3 45.9





#3
Chloromethane
Concen: 24.321 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

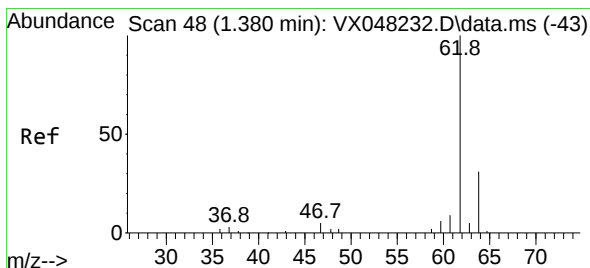
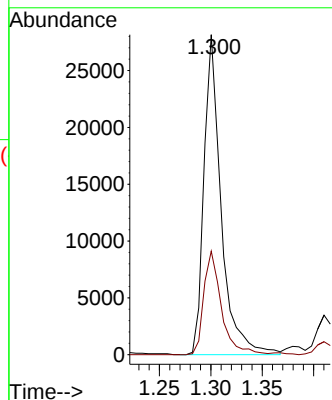
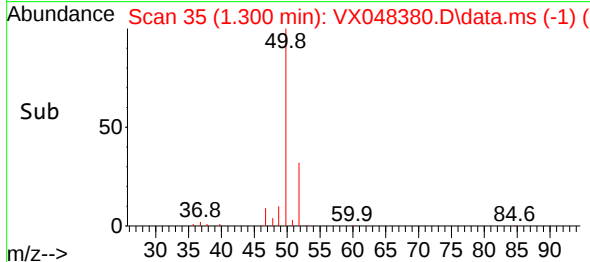
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Tgt Ion: 50 Resp: 3286
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9

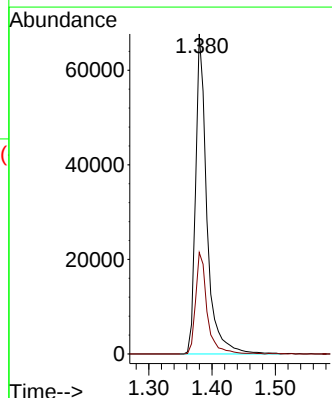
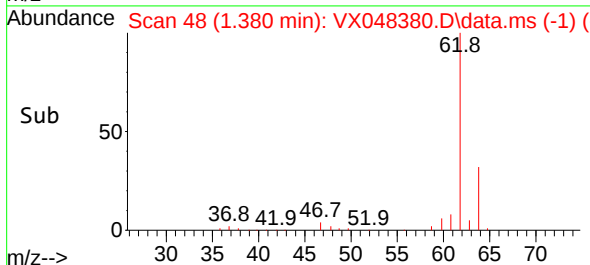
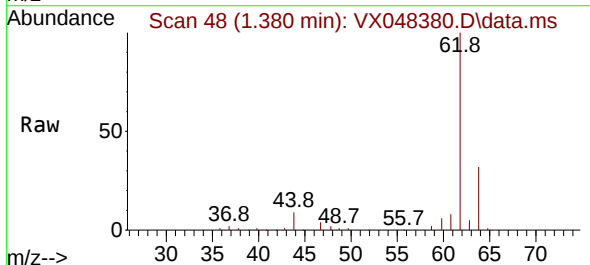
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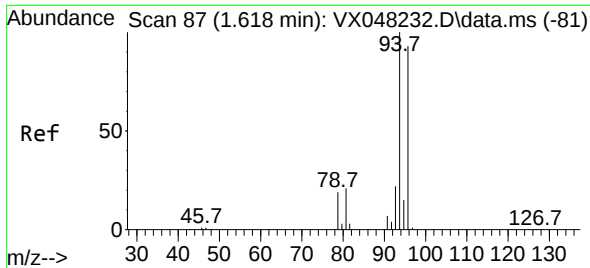
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#4
Vinyl Chloride
Concen: 67.174 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Tgt Ion: 62 Resp: 84051
Ion Ratio Lower Upper
62 100
64 31.7 25.1 37.7





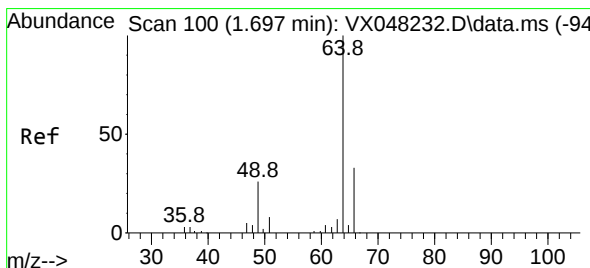
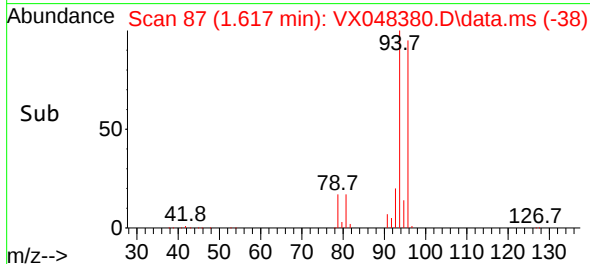
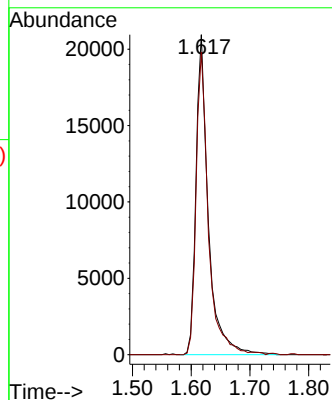
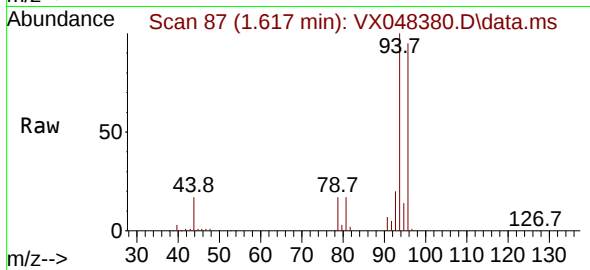
#5
Bromomethane
Concen: 35.950 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048380.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 3052
Ion Ratio Lower Upper
94 100
96 94.6 76.0 114.0

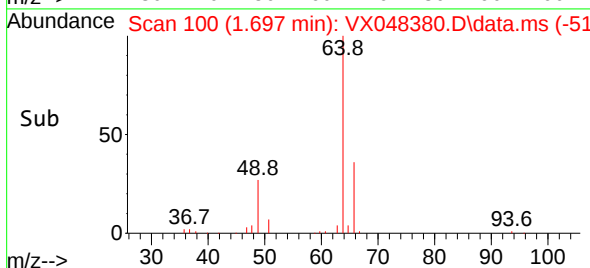
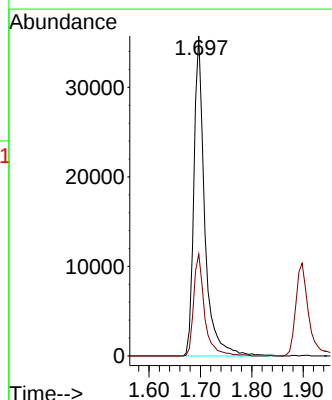
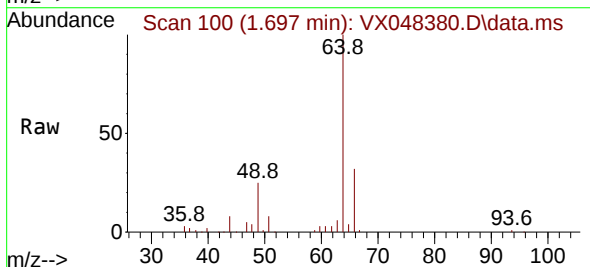
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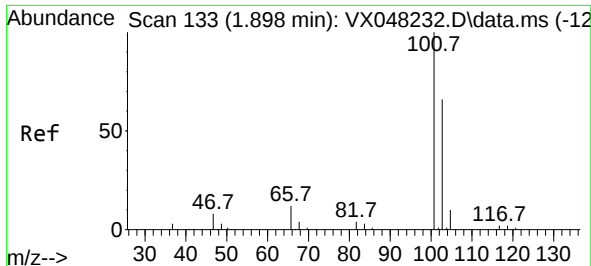
Reviewed By :John Carlone 10/28/2025
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#6
Chloroethane
Concen: 71.445 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048380.D
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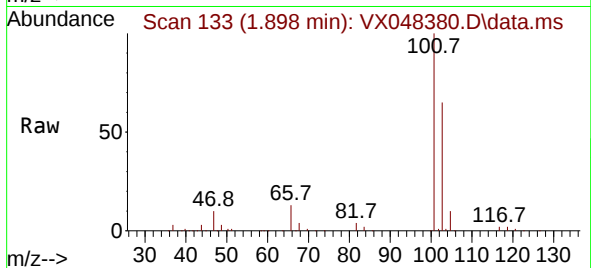
Tgt Ion: 64 Resp: 52530
Ion Ratio Lower Upper
64 100
66 31.9 23.9 35.9





#7
 Trichlorofluoromethane
 Concen: 57.699 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048380.D
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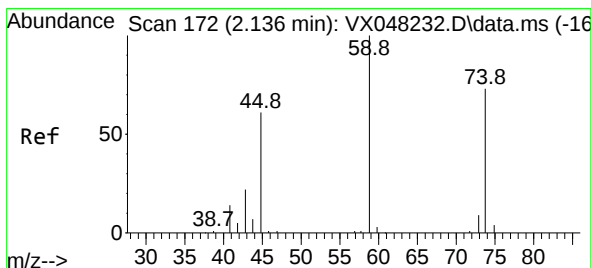
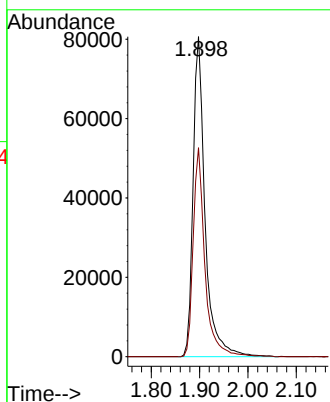
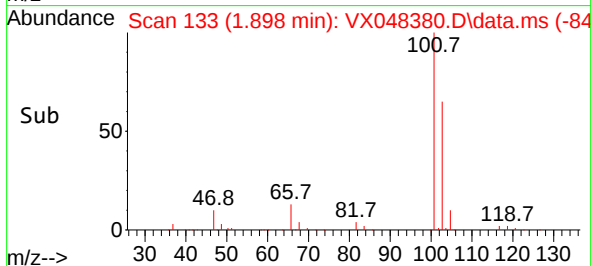
Instrument :
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Tgt Ion:101 Resp: 138460
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.6 77.4

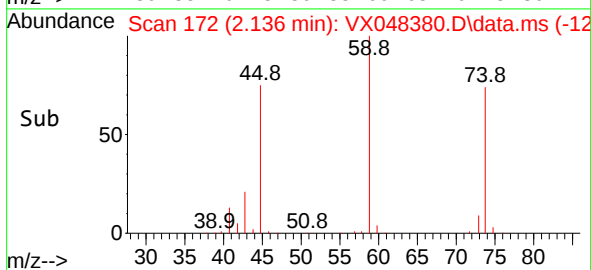
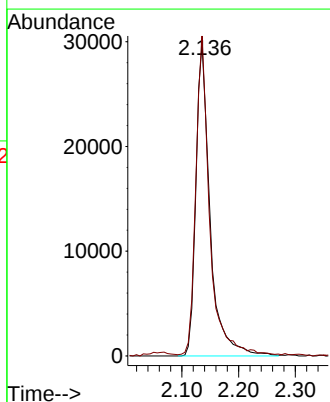
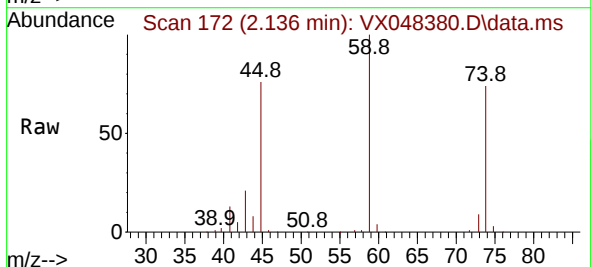
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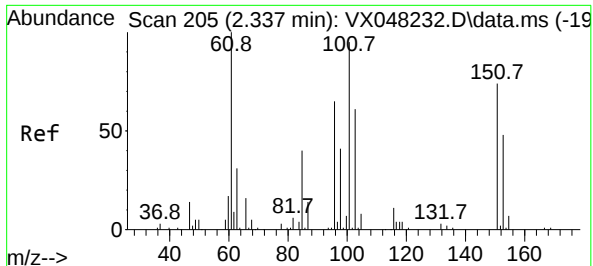
Reviewed By :John Carlone 10/28/2025
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#8
 Diethyl Ether
 Concen: 76.815 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX048380.D
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Tgt Ion: 74 Resp: 51867
 Ion Ratio Lower Upper
 74 100
 45 99.4 50.0 149.8





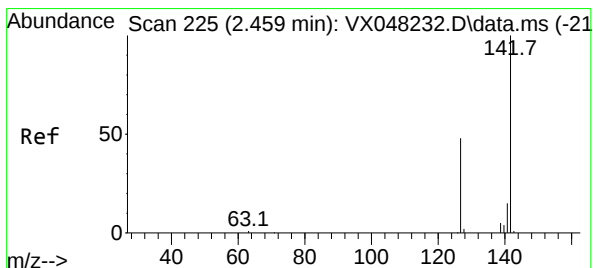
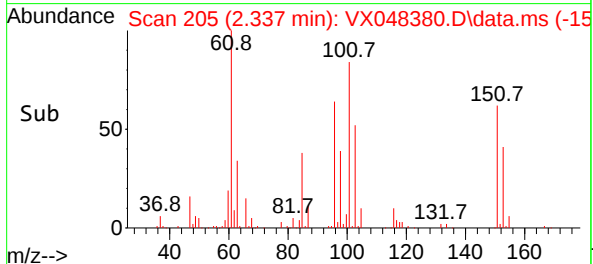
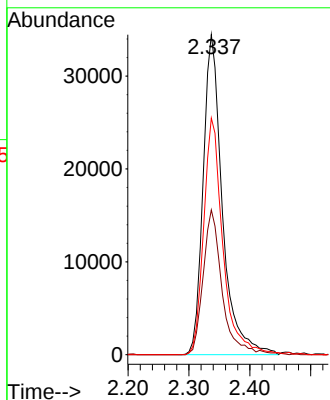
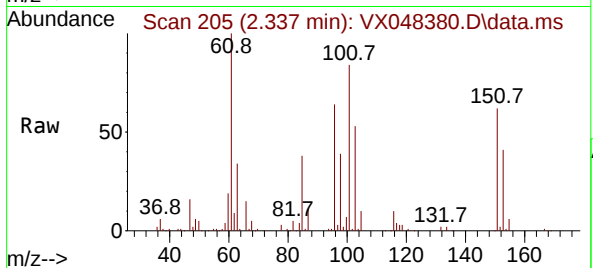
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.789 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 75659
Ion Ratio Lower Upper
101 100
85 44.8 35.6 53.4
151 74.3 58.0 87.0

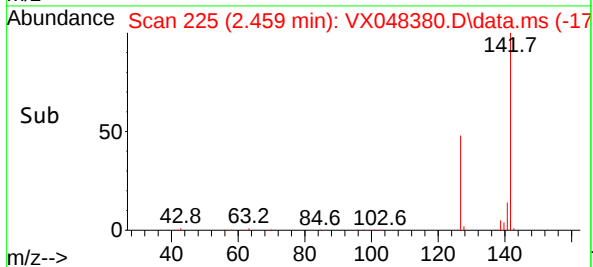
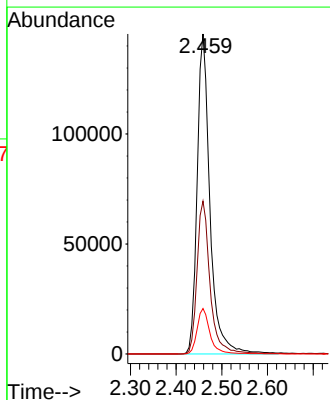
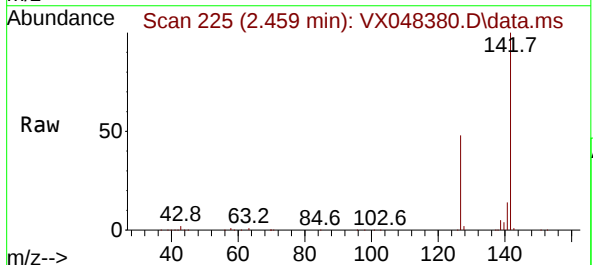
Manual Integrations
APPROVED

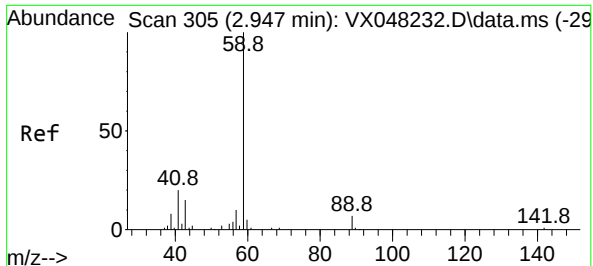
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#10
Methyl Iodide
Concen: 148.032 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

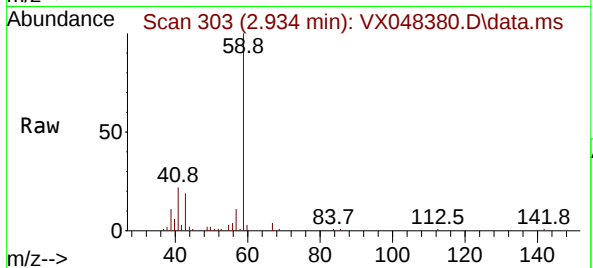
Tgt Ion:142 Resp: 282790
Ion Ratio Lower Upper
142 100
127 48.8 38.5 57.7
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 203.302 ug/l
RT: 2.934 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

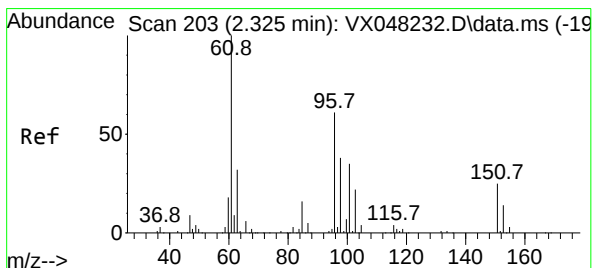
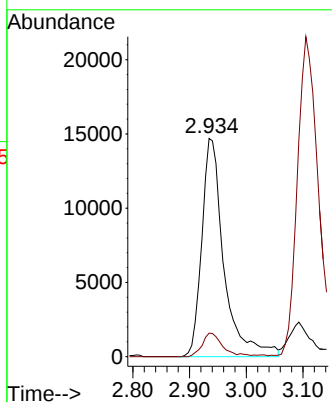
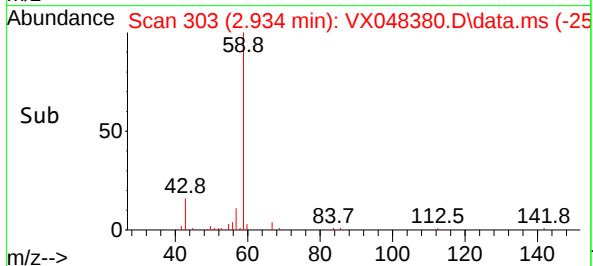
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



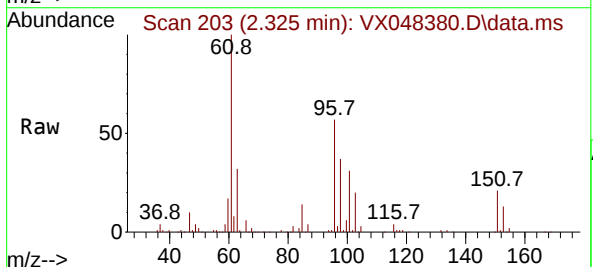
Tgt Ion: 59 Resp: 3985
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

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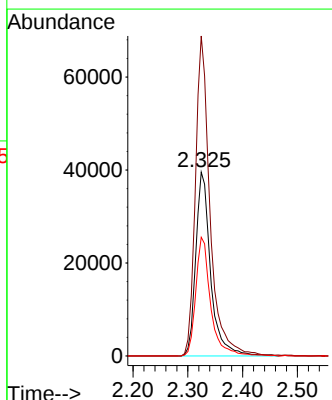
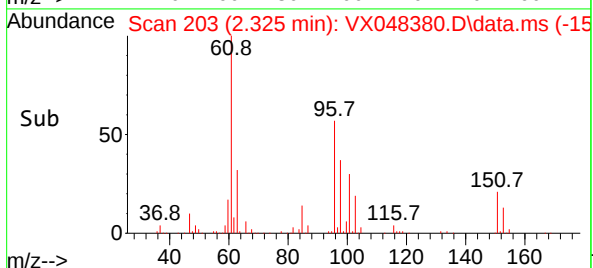
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

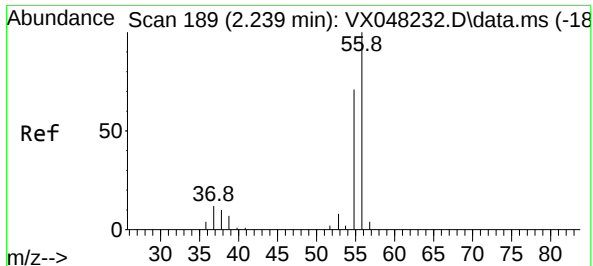


#12
1,1-Dichloroethene
Concen: 50.767 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07



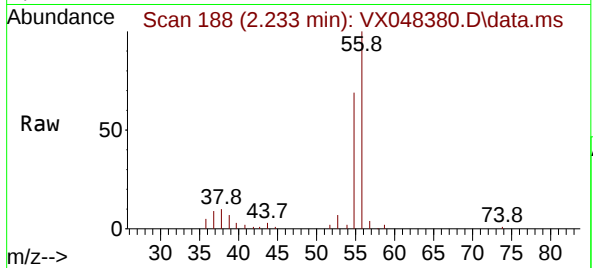
Tgt Ion: 96 Resp: 75053
Ion Ratio Lower Upper
96 100
61 174.1 139.0 208.6
98 64.6 52.4 78.6





#13
Acrolein
Concen: 245.289 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

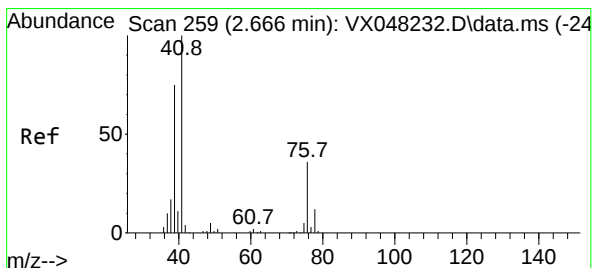
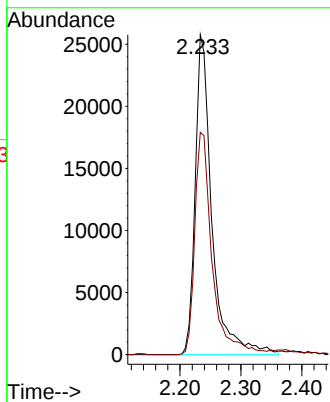
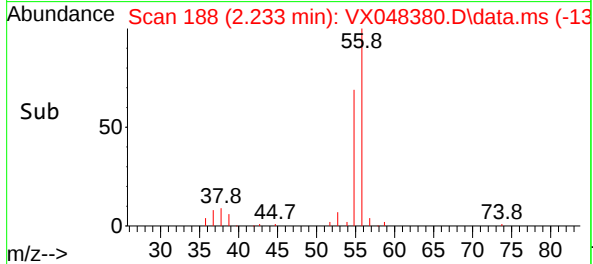
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 49040
Ion Ratio Lower Upper
56 100
55 72.3 56.1 84.1

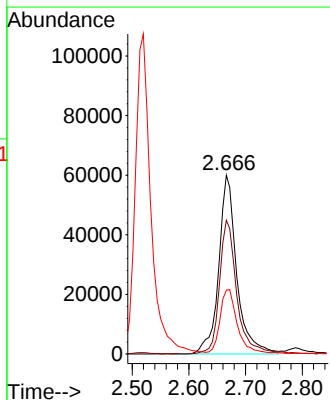
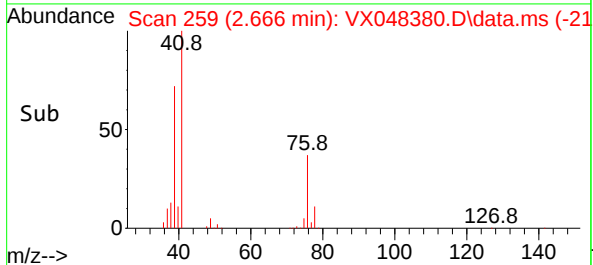
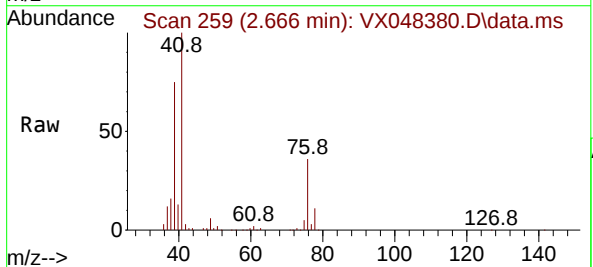
Manual Integrations
APPROVED

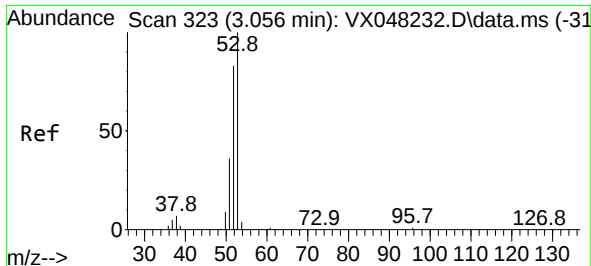
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#14
Allyl chloride
Concen: 54.008 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

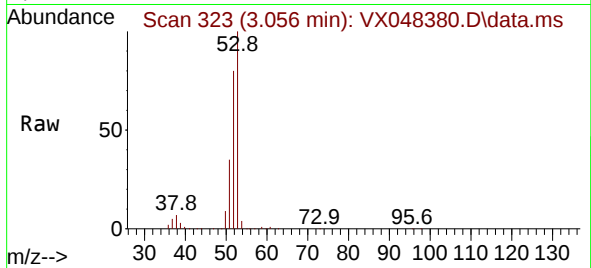
Tgt Ion: 41 Resp: 132565
Ion Ratio Lower Upper
41 100
39 72.6 56.0 84.0
76 34.4 27.5 41.3





#15
Acrylonitrile
Concen: 256.282 ug/l
RT: 3.056 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

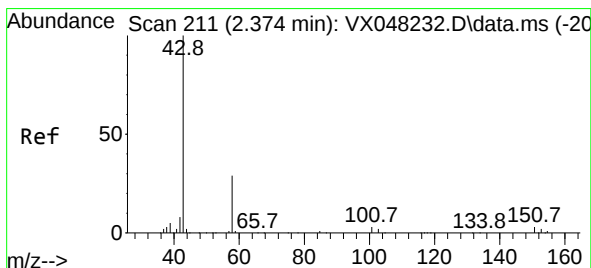
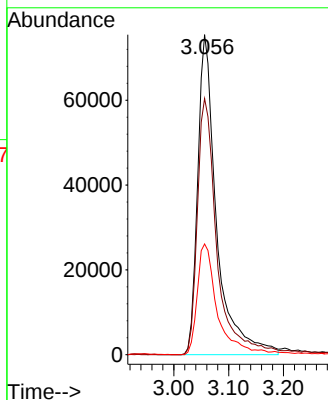
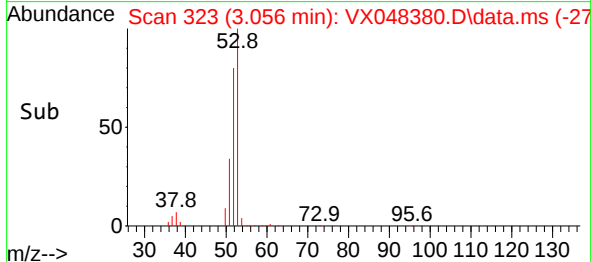
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



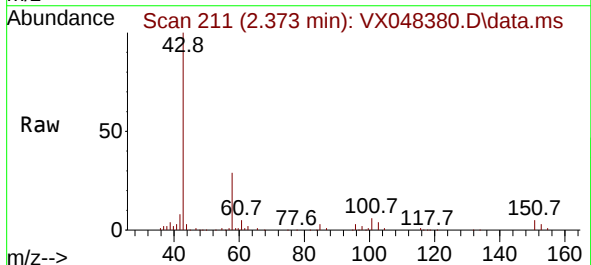
Tgt Ion: 53 Resp: 181158
Ion Ratio Lower Upper
53 100
52 83.6 66.1 99.1
51 37.6 29.0 43.4

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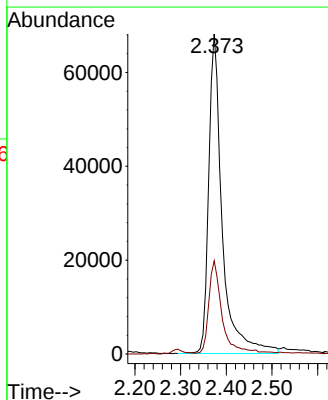
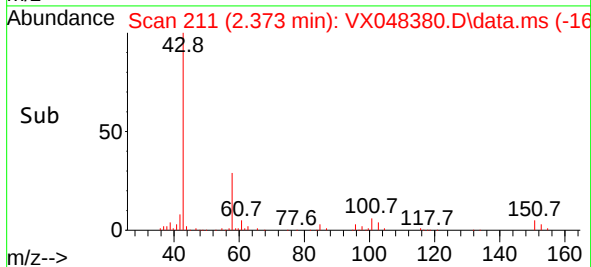
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

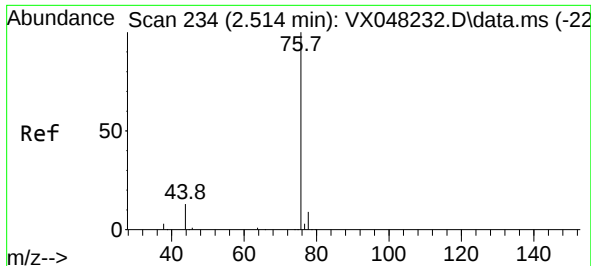


#16
Acetone
Concen: 206.392 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07



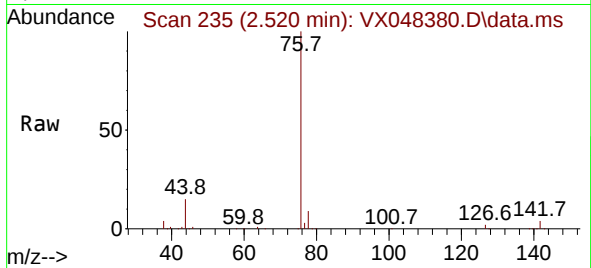
Tgt Ion: 43 Resp: 139793
Ion Ratio Lower Upper
43 100
58 28.8 23.4 35.2





#17
Carbon Disulfide
Concen: 43.964 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

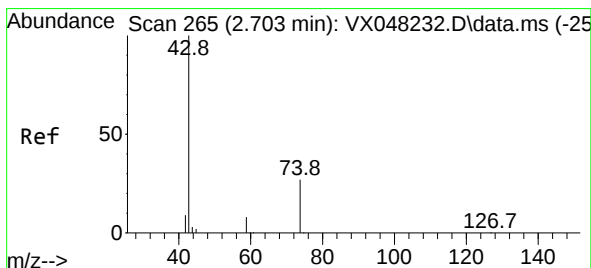
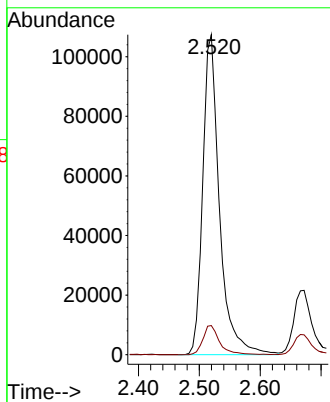
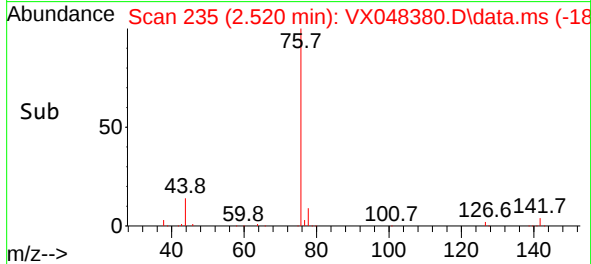
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 20484
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

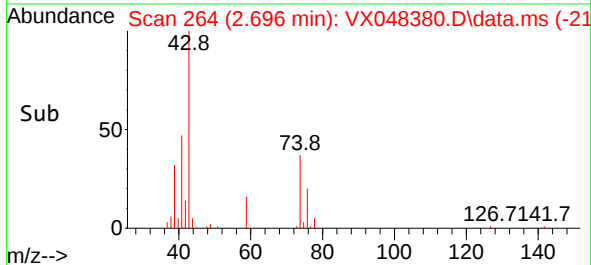
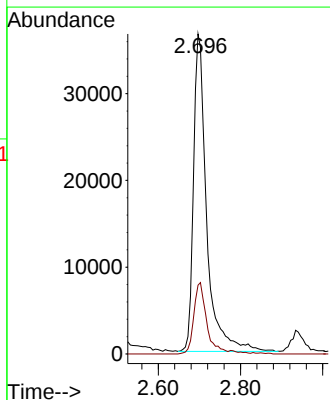
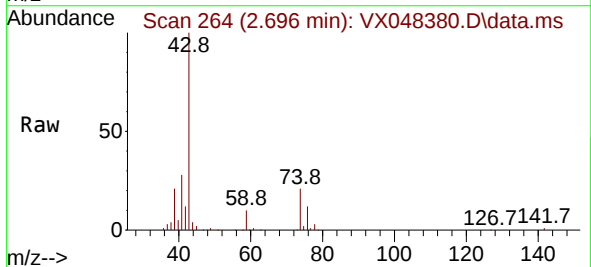
Manual Integrations
APPROVED

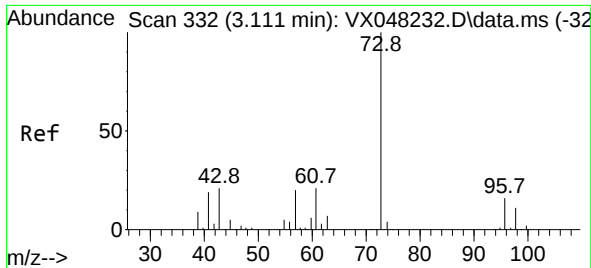
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#18
Methyl Acetate
Concen: 57.312 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

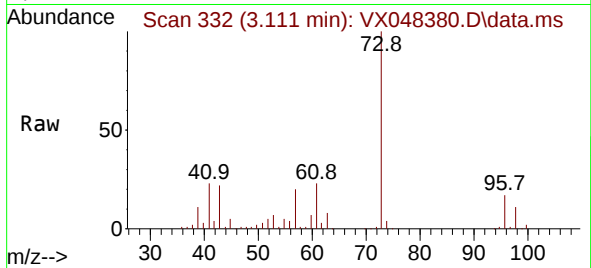
Tgt Ion: 43 Resp: 81069
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 53.408 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

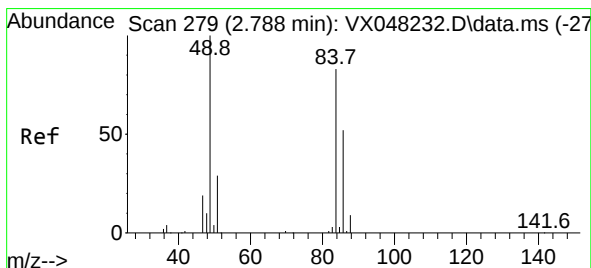
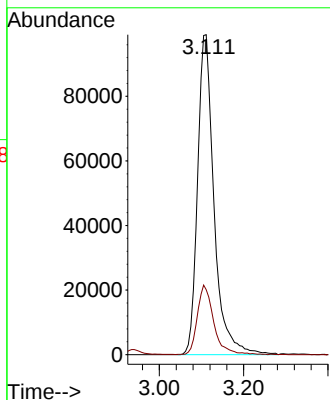
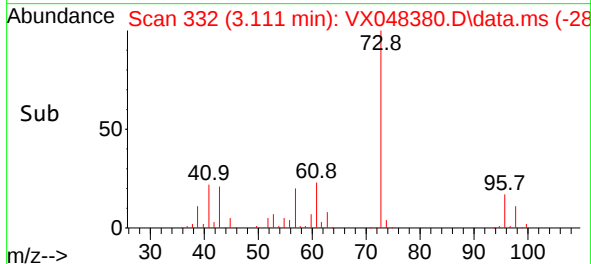
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 269364
Ion Ratio Lower Upper
73 100
57 20.2 17.7 26.5

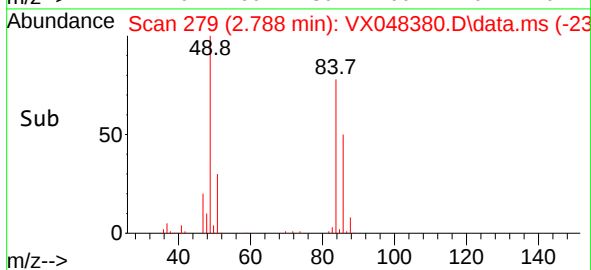
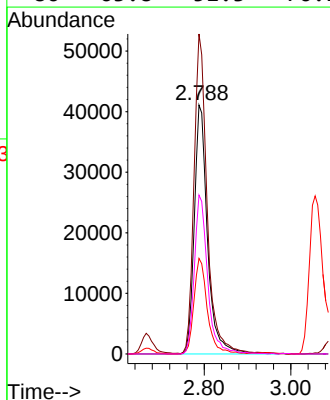
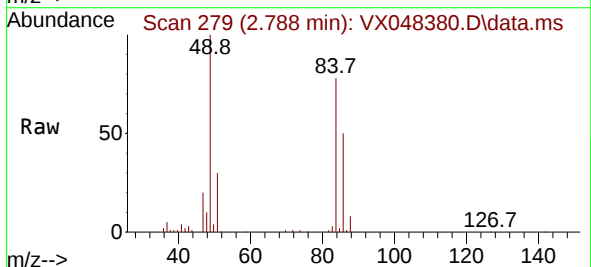
Manual Integrations
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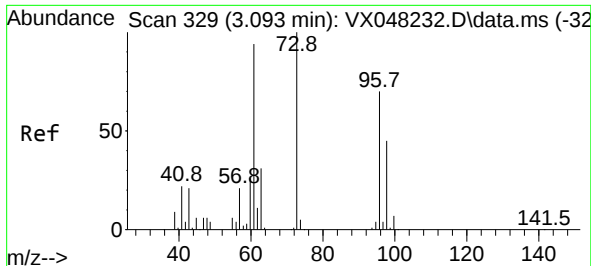
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#20
Methylene Chloride
Concen: 52.905 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

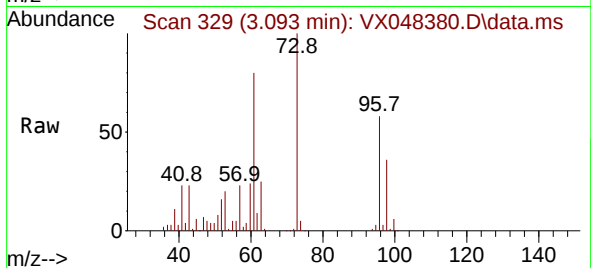
Tgt Ion: 84 Resp: 87312
Ion Ratio Lower Upper
84 100
49 128.3 104.1 156.1
51 38.3 31.3 46.9
86 63.8 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 49.994 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

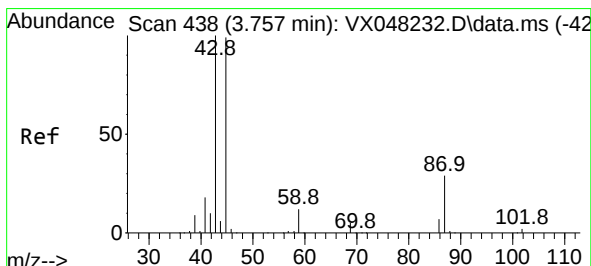
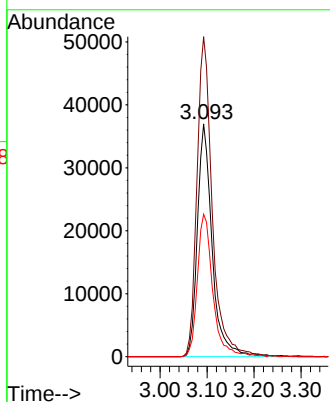
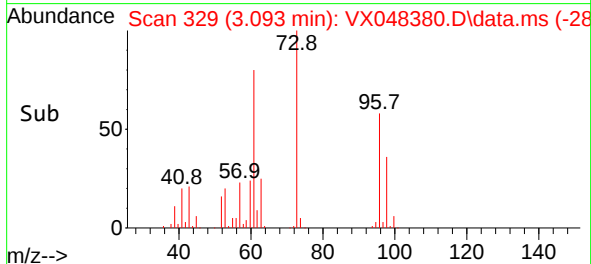
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 8118
Ion Ratio Lower Upper
96 100
61 137.4 111.9 167.9
98 61.2 51.2 76.8

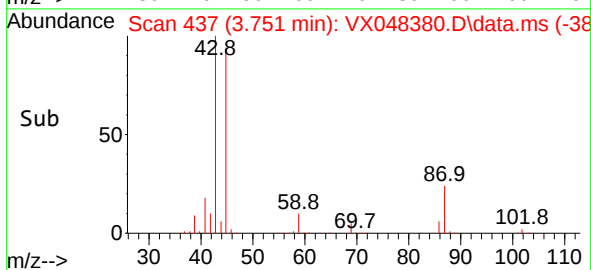
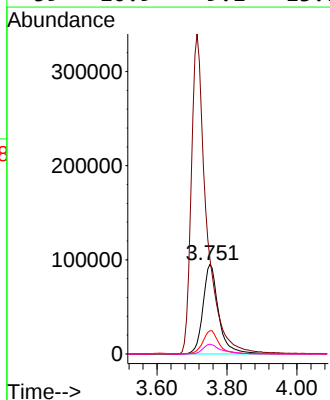
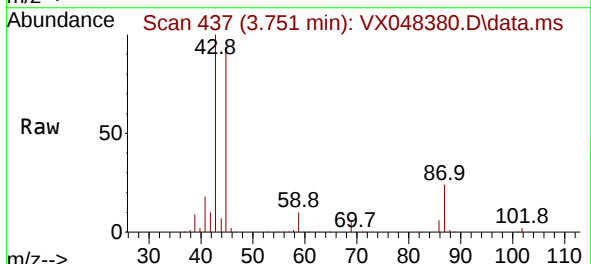
Manual Integrations
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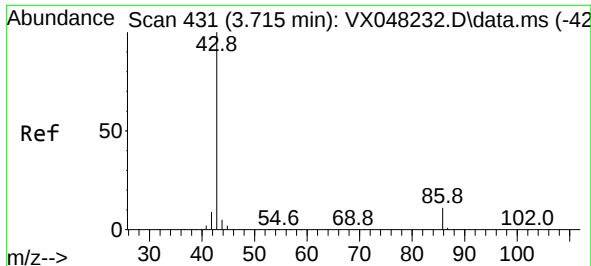
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#22
Diisopropyl ether
Concen: 60.319 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

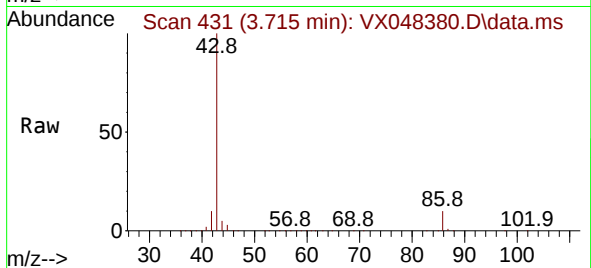
Tgt Ion: 45 Resp: 295300
Ion Ratio Lower Upper
45 100
43 106.3 89.8 134.8
87 25.9 20.6 31.0
59 10.9 9.1 13.7





#23
 Vinyl Acetate
 Concen: 261.903 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048380.D
 Acq: 27 Oct 2025 18:07

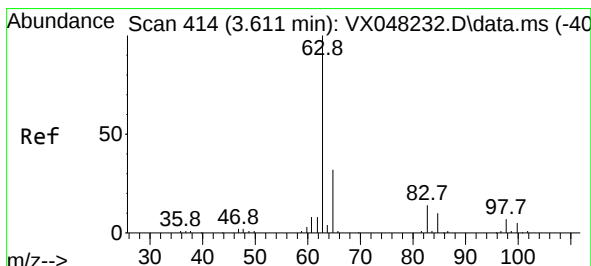
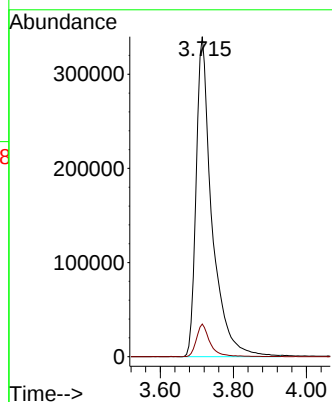
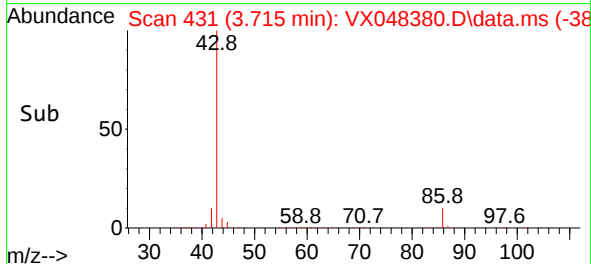
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



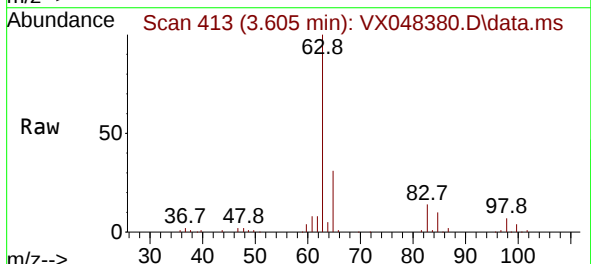
Tgt Ion: 43 Resp: 102420
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.9 11.9

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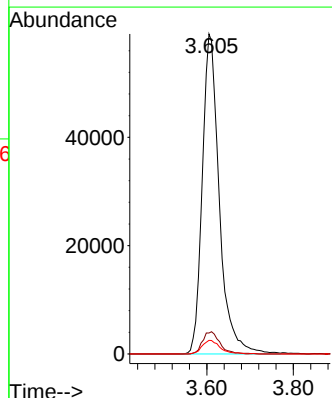
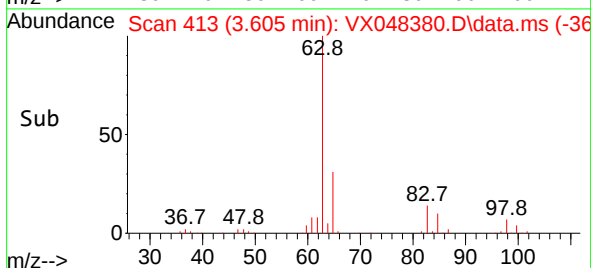
Reviewed By :John Carlone 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025

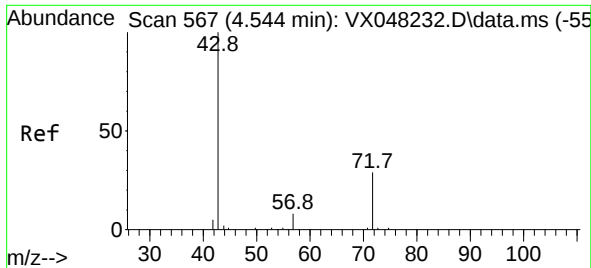


#24
 1,1-Dichloroethane
 Concen: 54.538 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048380.D
 Acq: 27 Oct 2025 18:07



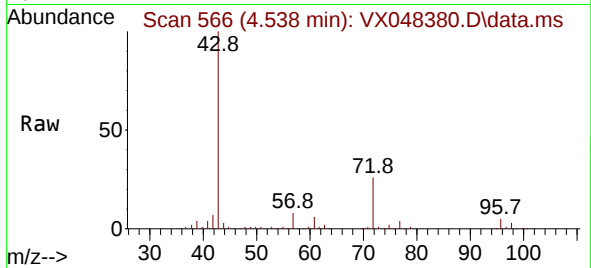
Tgt Ion: 63 Resp: 161445
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.4 2.1 6.3





#25
2-Butanone
Concen: 238.551 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

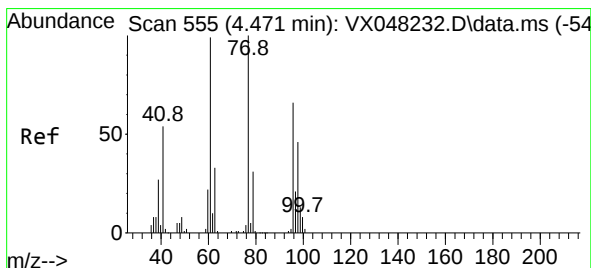
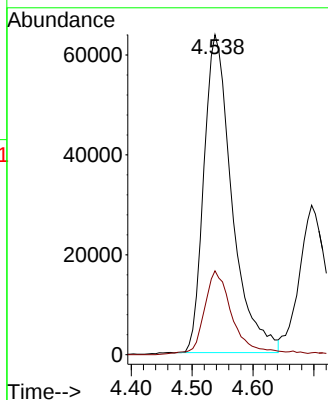
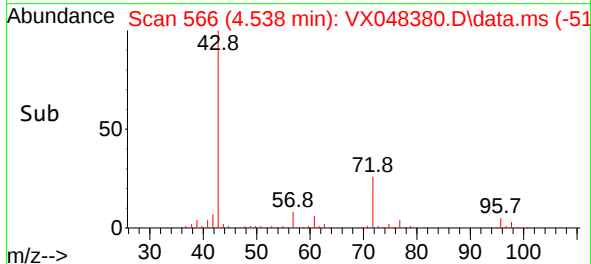
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 204512
Ion Ratio Lower Upper
43 100
72 25.6 19.9 29.9

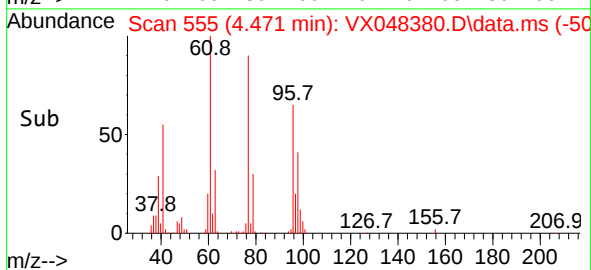
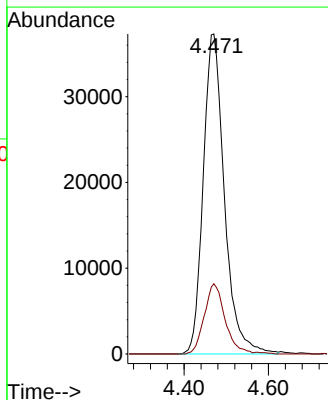
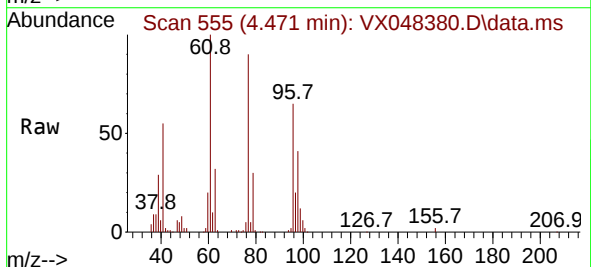
Manual Integrations
APPROVED

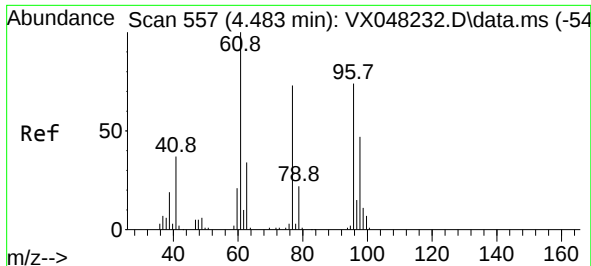
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#26
2,2-Dichloropropane
Concen: 48.711 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Tgt Ion: 77 Resp: 130151
Ion Ratio Lower Upper
77 100
97 21.5 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 52.556 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 99600

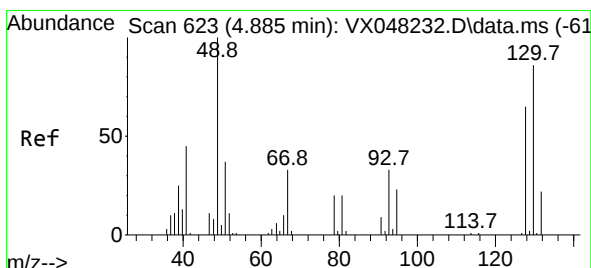
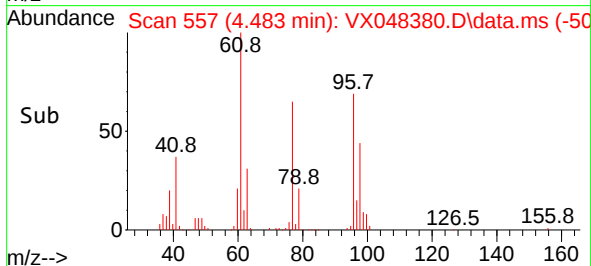
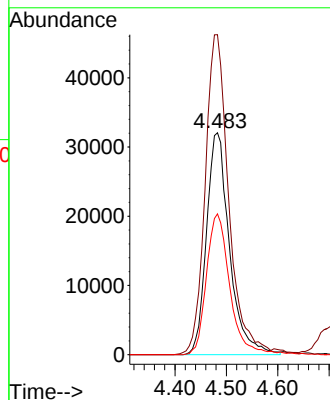
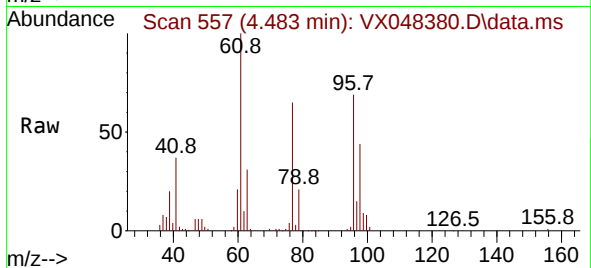
Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	294.2
98	64.8	0.0	128.4

Manual Integrations

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Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#28

Bromochloromethane

Concen: 53.740 ug/l

RT: 4.891 min Scan# 624

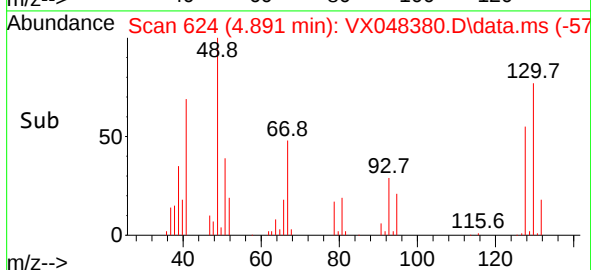
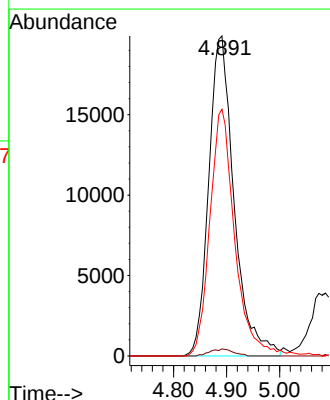
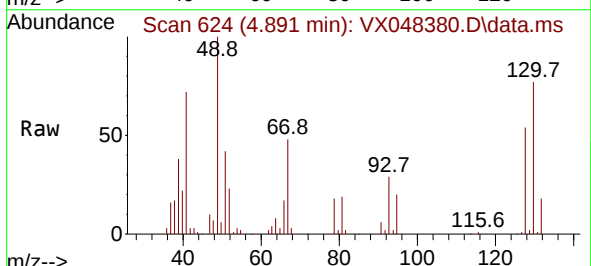
Delta R.T. 0.006 min

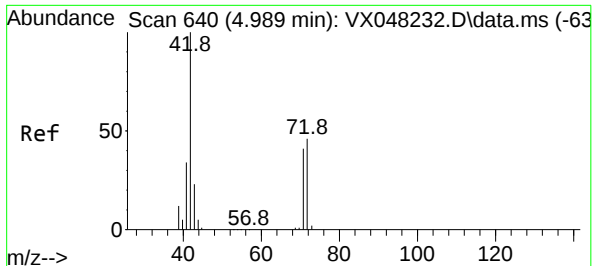
Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

Tgt Ion: 49 Resp: 65961

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	75.5	59.3	88.9





#29

Tetrahydrofuran

Concen: 264.648 ug/l

RT: 4.989 min Scan# 640

Delta R.T. -0.000 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

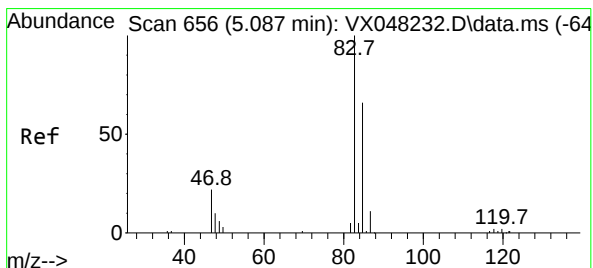
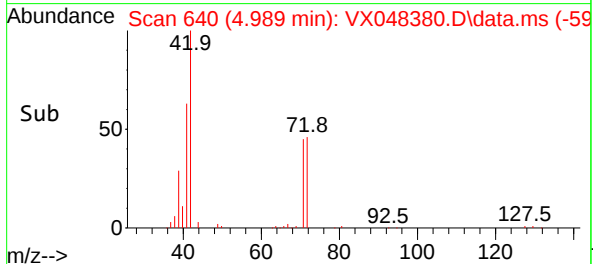
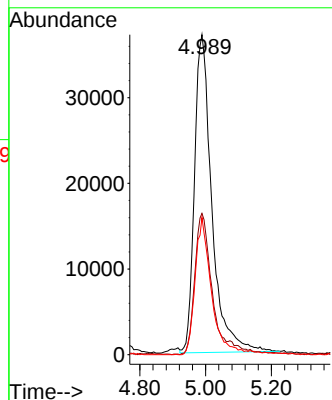
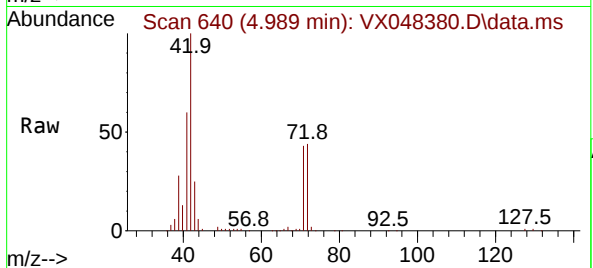
Tgt Ion: 42 Resp: 13588
 Ion Ratio Lower Upper
 42 100
 72 45.6 35.3 52.9
 71 40.2 32.2 48.4

Manual Integrations

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Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#30

Chloroform

Concen: 52.021 ug/l

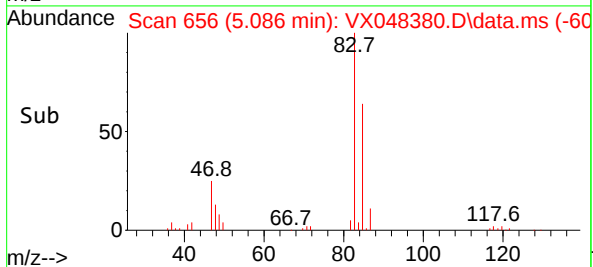
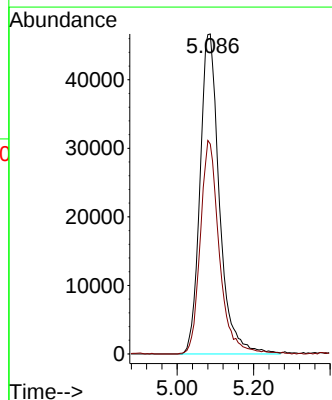
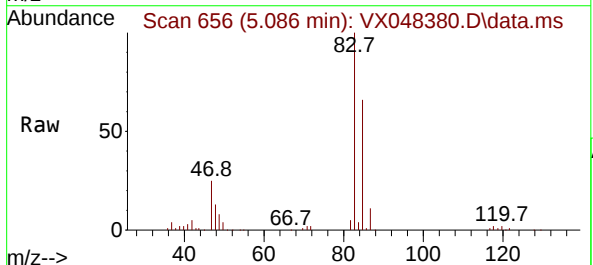
RT: 5.086 min Scan# 656

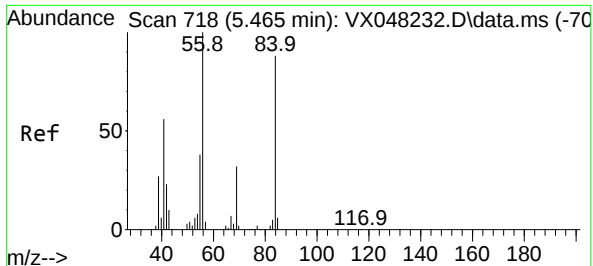
Delta R.T. 0.006 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

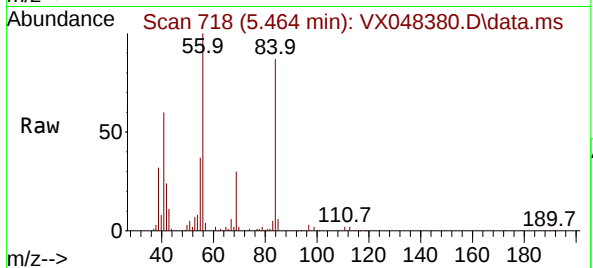
Tgt Ion: 83 Resp: 164525
 Ion Ratio Lower Upper
 83 100
 85 65.4 50.1 75.1





#31
Cyclohexane
Concen: 51.899 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

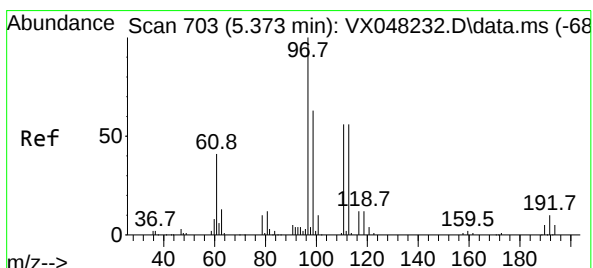
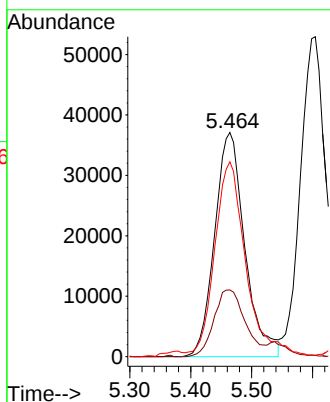
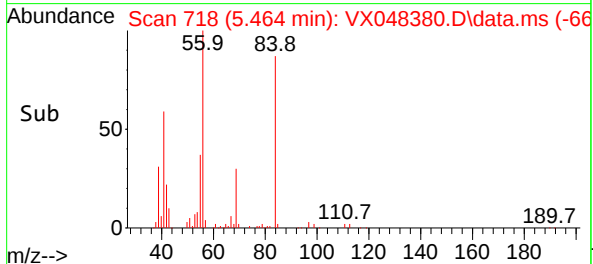
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



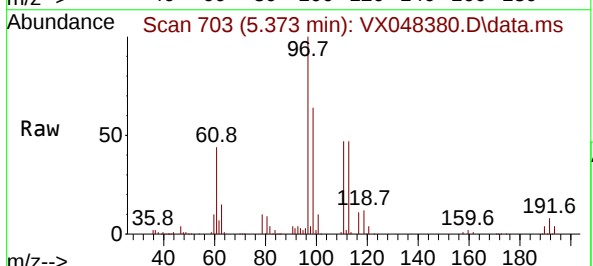
Tgt Ion: 56 Resp: 127193
Ion Ratio Lower Upper
56 100
69 29.2 23.0 34.6
84 84.5 64.6 97.0

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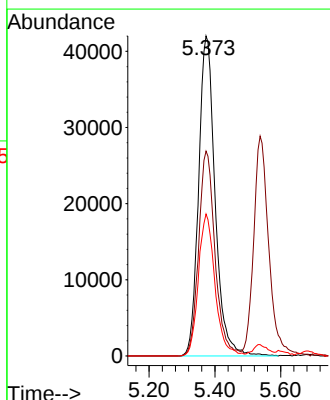
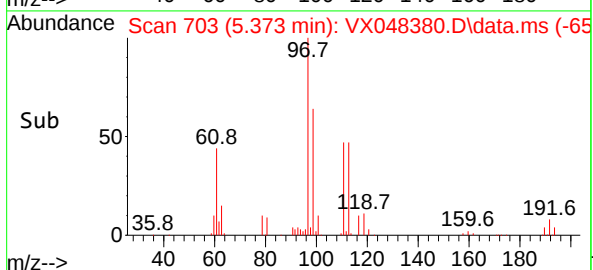
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

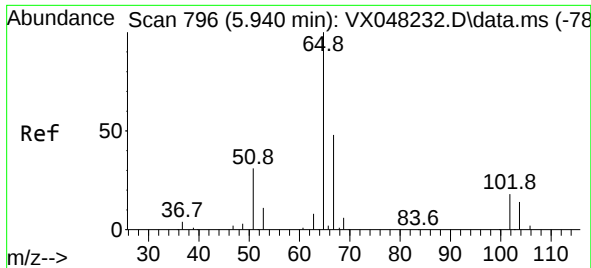


#32
1,1,1-Trichloroethane
Concen: 50.277 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07



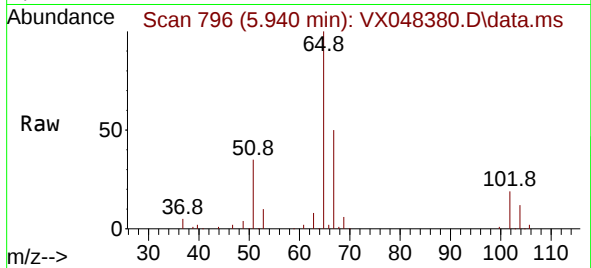
Tgt Ion: 97 Resp: 146545
Ion Ratio Lower Upper
97 100
99 63.4 51.7 77.5
61 44.7 34.8 52.2





#33
1,2-Dichloroethane-d4
Concen: 51.402 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

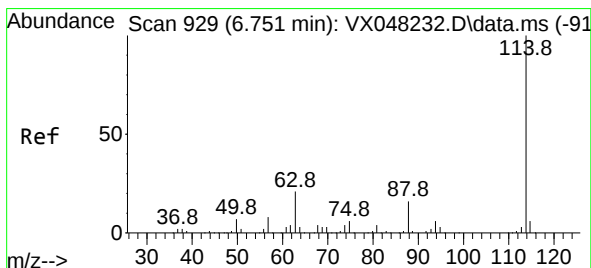
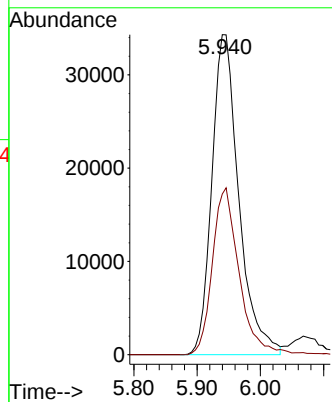
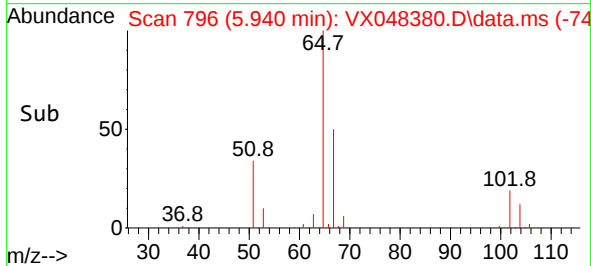
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



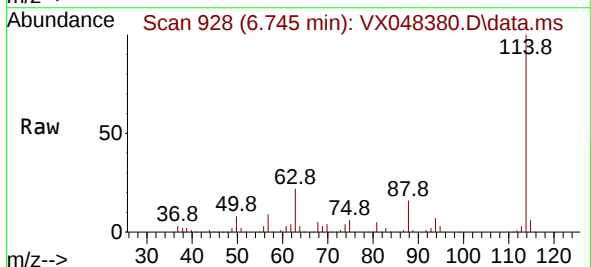
Tgt Ion: 65 Resp: 101485
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0

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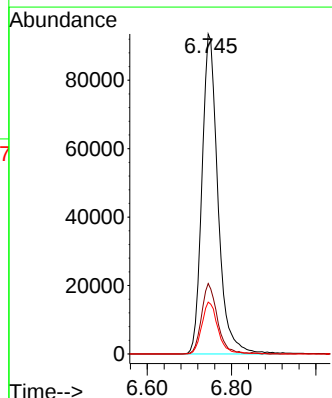
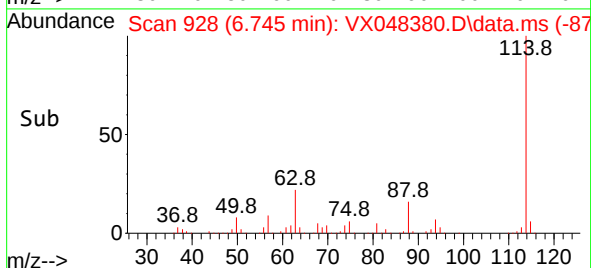
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

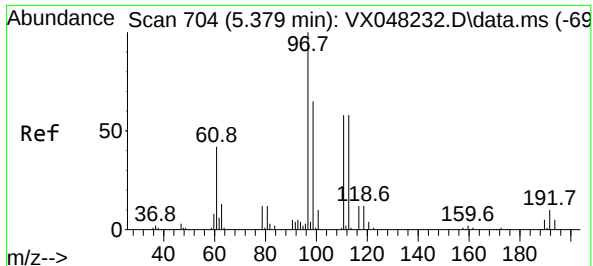


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07



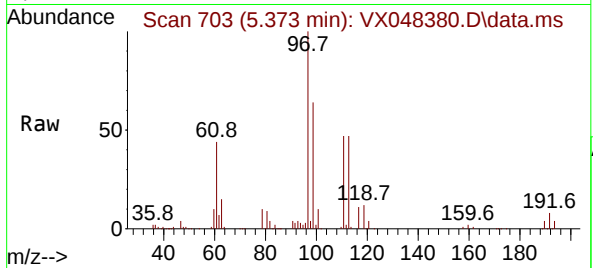
Tgt Ion:114 Resp: 246706
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 16.2 0.0 33.6





#35
Dibromofluoromethane
Concen: 38.371 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

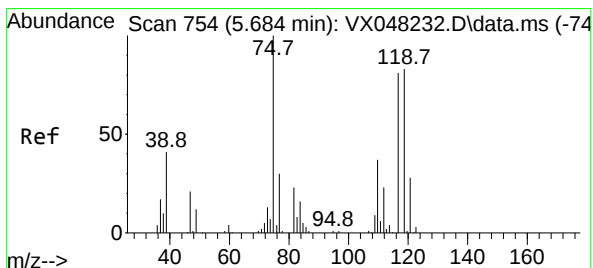
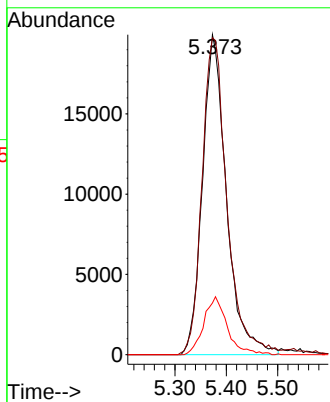
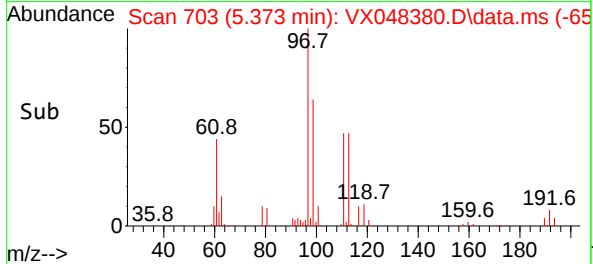
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 6462
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.7 15.1 22.7

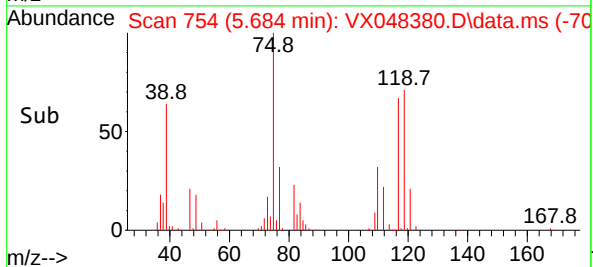
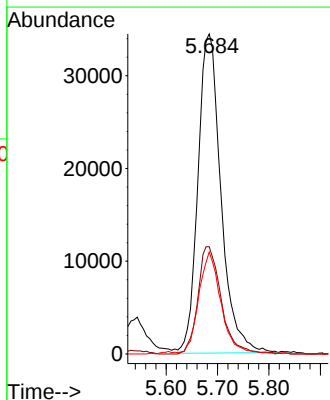
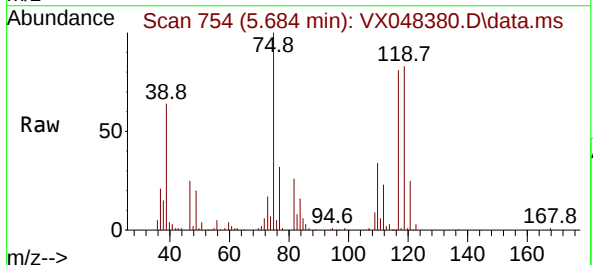
Manual Integrations
APPROVED

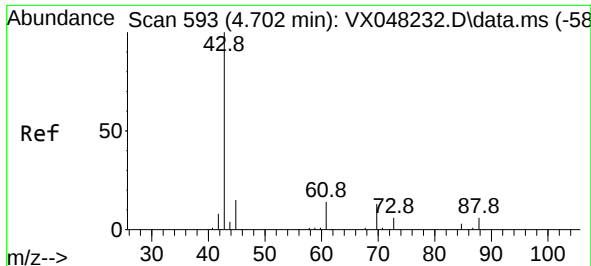
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#36
1,1-Dichloropropene
Concen: 44.711 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

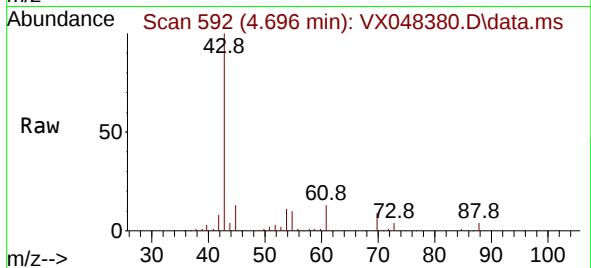
Tgt Ion: 75 Resp: 107033
Ion Ratio Lower Upper
75 100
110 34.2 17.7 53.1
77 30.2 24.3 36.5





#37
Ethyl Acetate
Concen: 50.593 ug/l
RT: 4.696 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

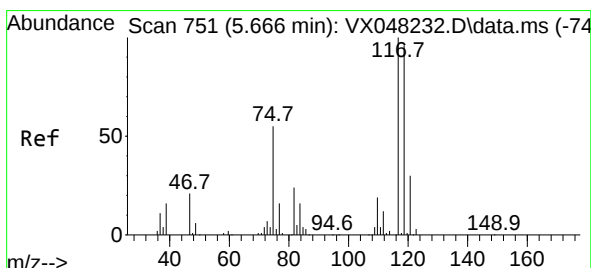
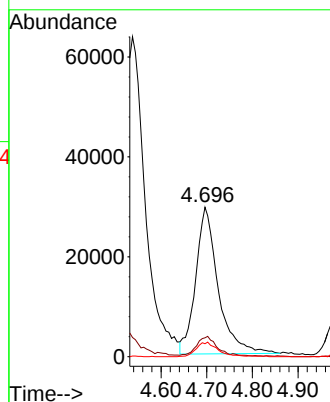
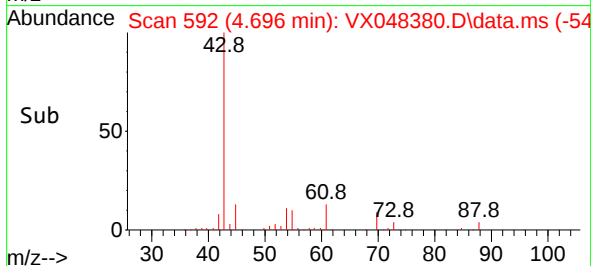
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 10038
Ion Ratio Lower Upper
43 100
61 11.8 10.6 15.8
70 9.4 7.8 11.6

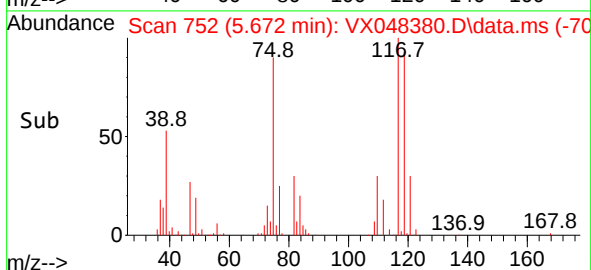
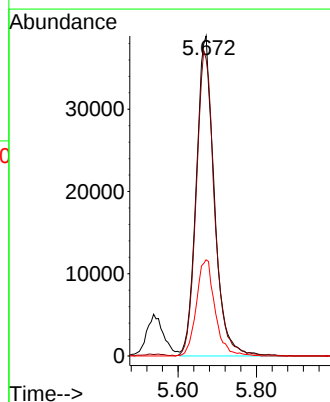
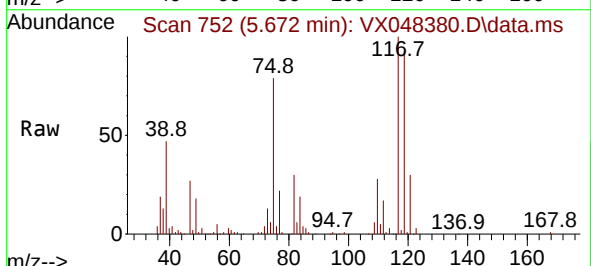
Manual Integrations
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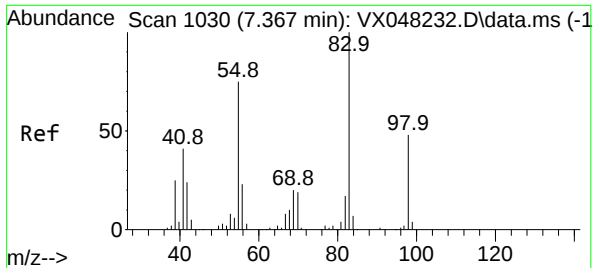
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#38
Carbon Tetrachloride
Concen: 42.154 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

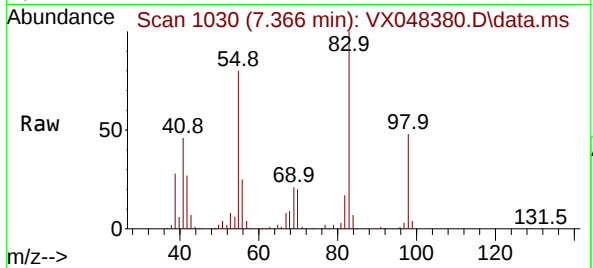
Tgt Ion:117 Resp: 124498
Ion Ratio Lower Upper
117 100
119 92.7 77.2 115.8
121 30.0 24.8 37.2





#39
Methylcyclohexane
Concen: 45.235 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

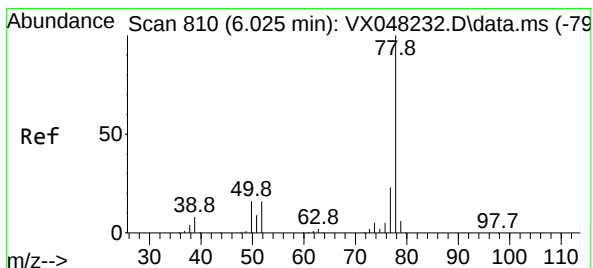
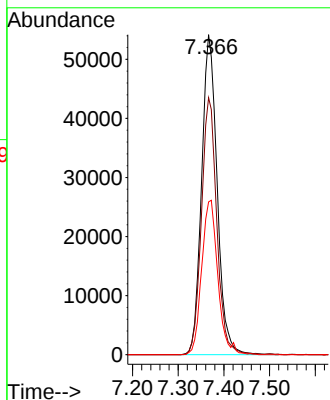
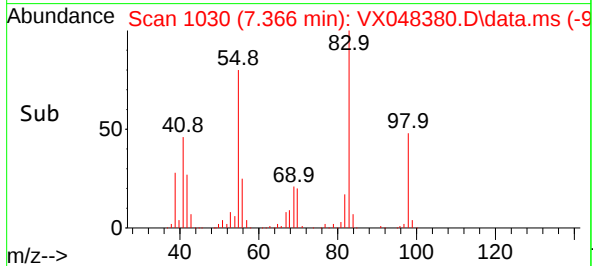
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 12788
Ion Ratio Lower Upper
83 100
55 80.3 66.2 99.2
98 47.8 38.9 58.3

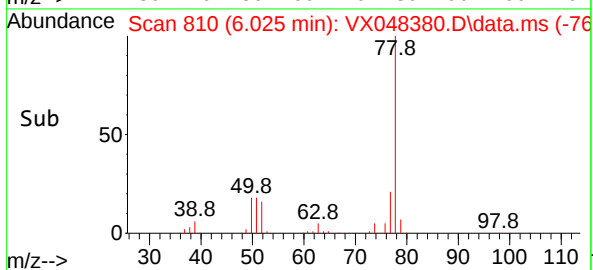
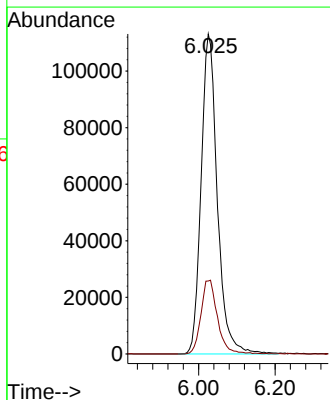
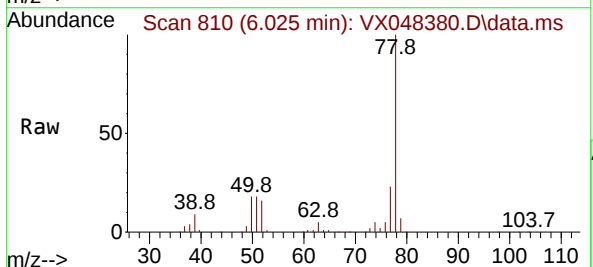
Manual Integrations
APPROVED

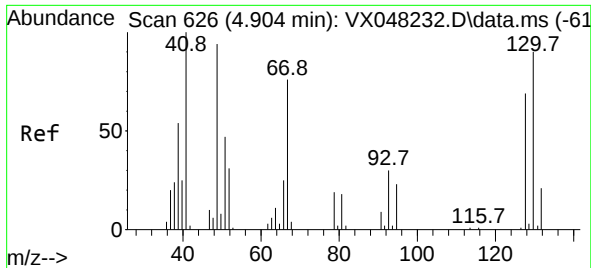
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#40
Benzene
Concen: 47.815 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

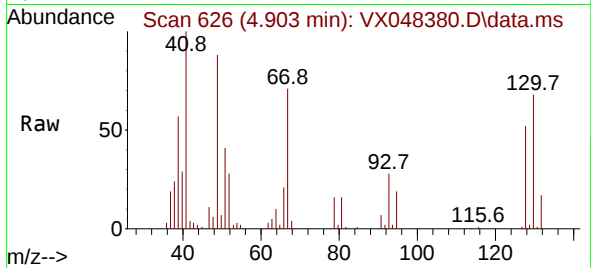
Tgt Ion: 78 Resp: 332325
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9





#41
Methacrylonitrile
Concen: 52.320 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

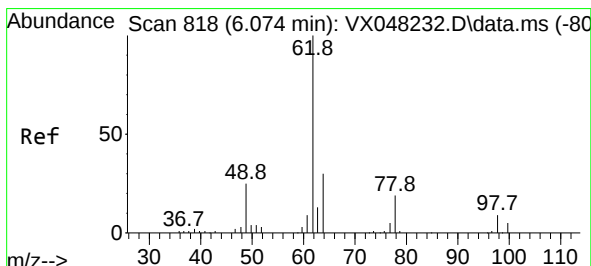
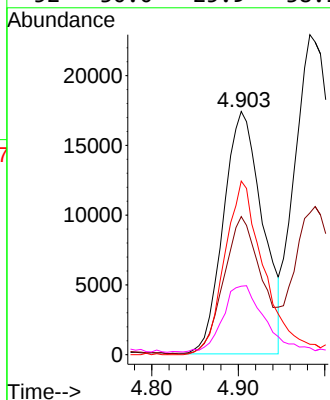
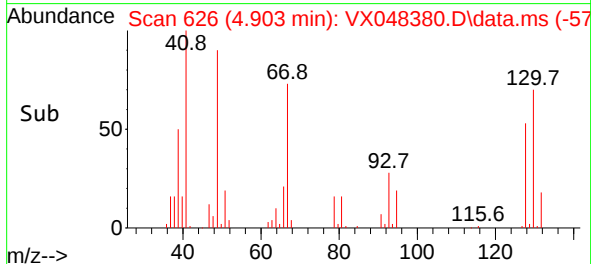
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 54518
Ion Ratio Lower Upper
41 100
39 55.0 44.0 66.0
67 74.0 58.7 88.1
52 30.0 25.9 38.9

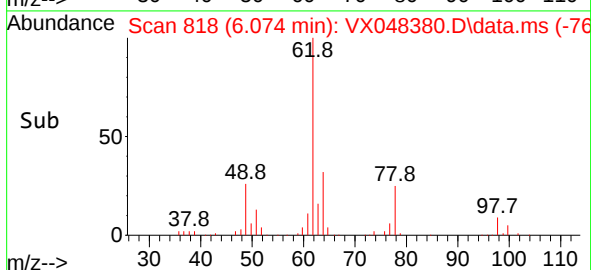
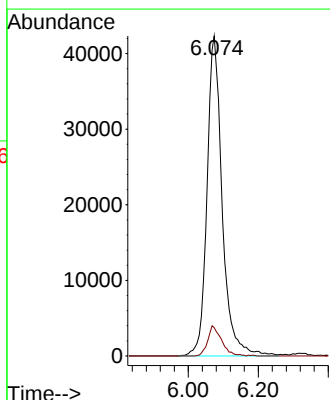
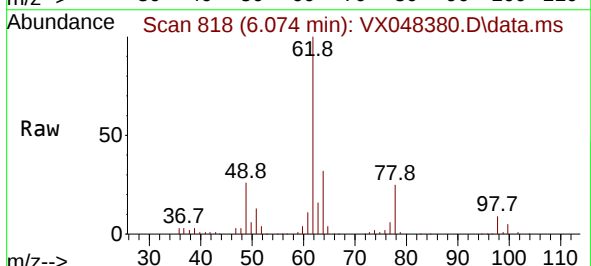
Manual Integrations
APPROVED

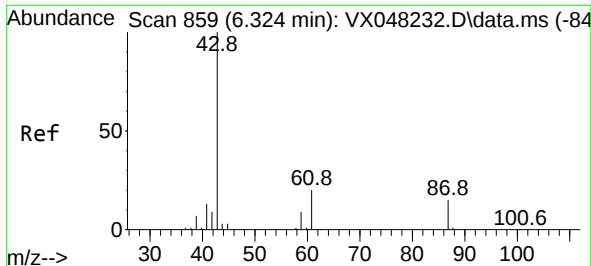
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#42
1,2-Dichloroethane
Concen: 49.801 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

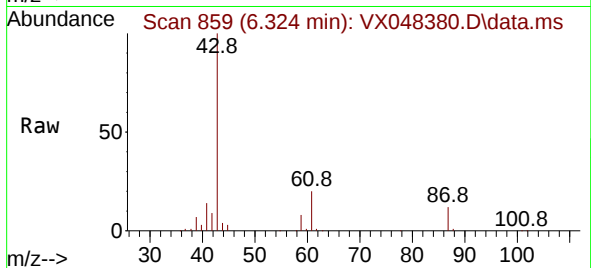
Tgt Ion: 62 Resp: 127723
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.2





#43
Isopropyl Acetate
Concen: 52.674 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

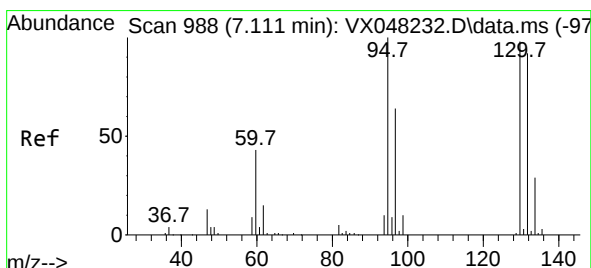
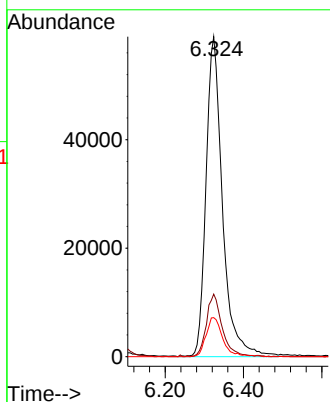
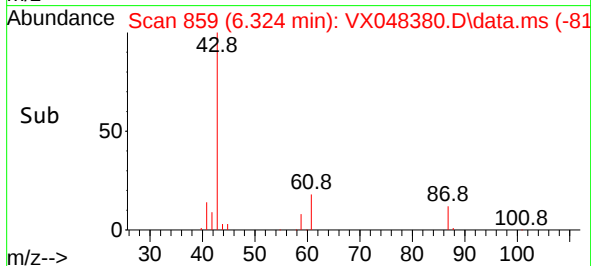
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 171679
Ion Ratio Lower Upper
43 100
61 18.7 14.9 22.3
87 12.4 9.4 14.2

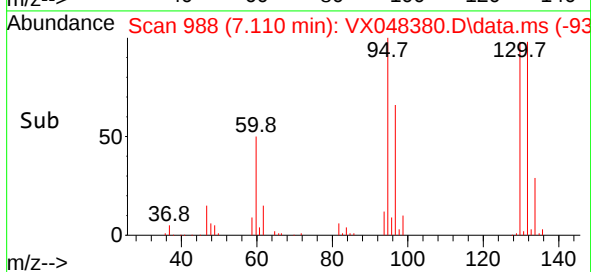
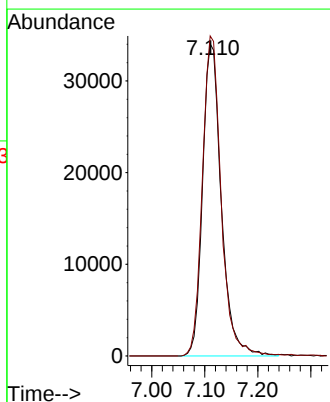
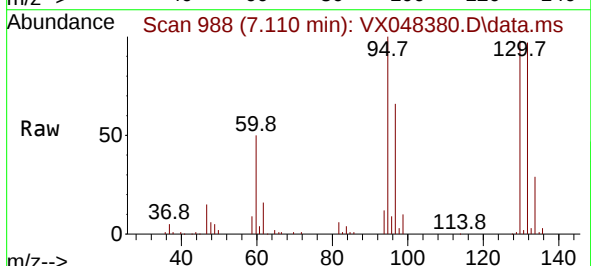
Manual Integrations
APPROVED

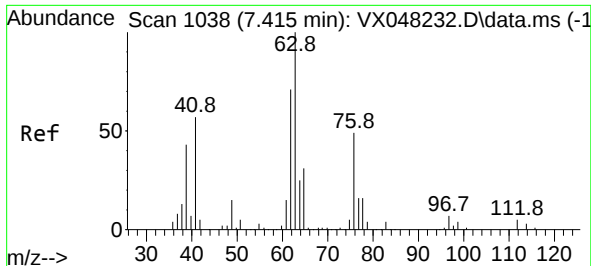
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#44
Trichloroethene
Concen: 45.528 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

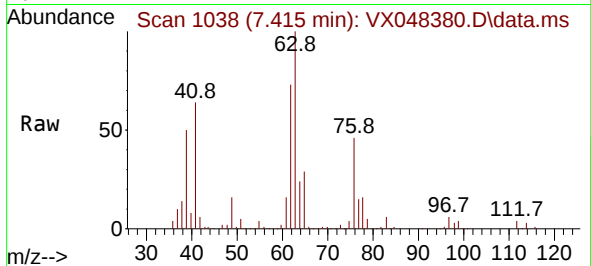
Tgt Ion:130 Resp: 83554
Ion Ratio Lower Upper
130 100
95 102.5 0.0 200.6





#45
1,2-Dichloropropane
Concen: 50.974 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

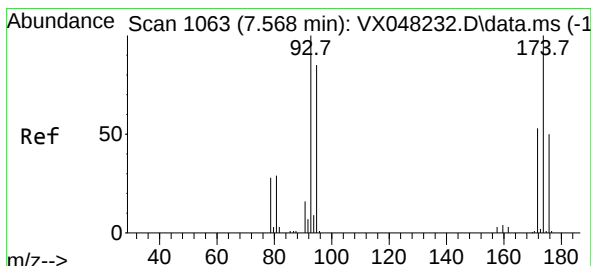
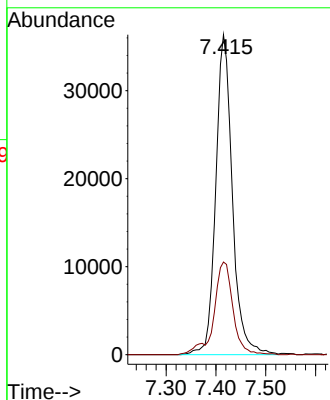
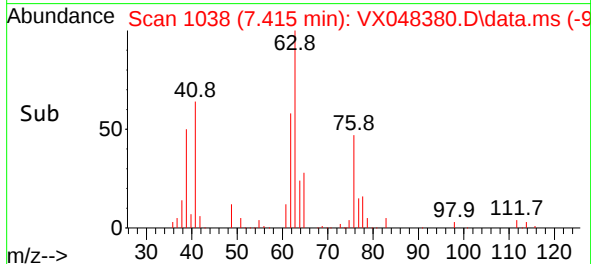
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 8423
Ion Ratio Lower Upper
63 100
65 28.9 24.1 36.1

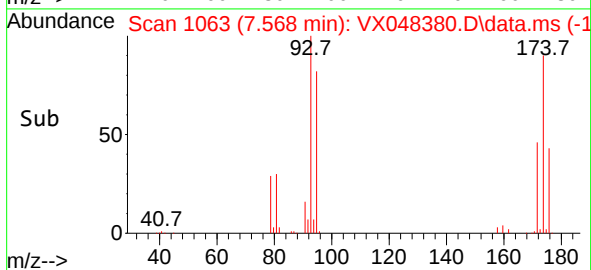
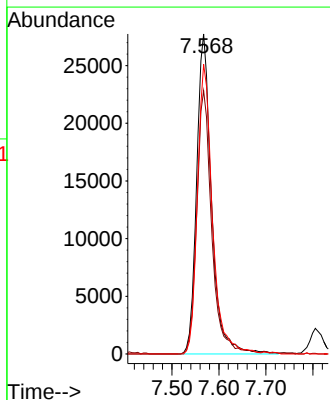
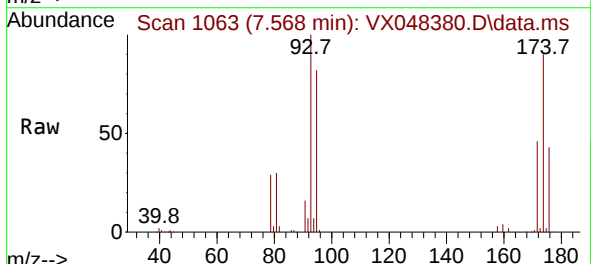
Manual Integrations
APPROVED

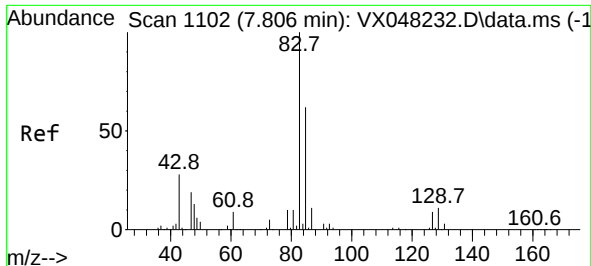
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#46
Dibromomethane
Concen: 47.659 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Tgt Ion: 93 Resp: 61356
Ion Ratio Lower Upper
93 100
95 82.2 65.9 98.9
174 91.3 71.7 107.5





#47
Bromodichloromethane
Concen: 47.926 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

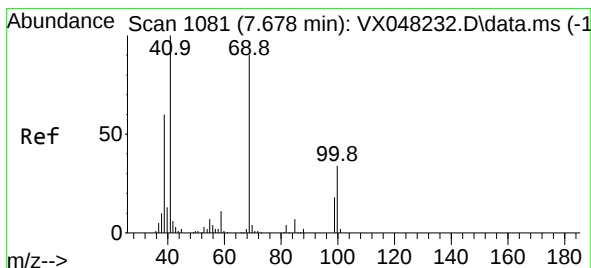
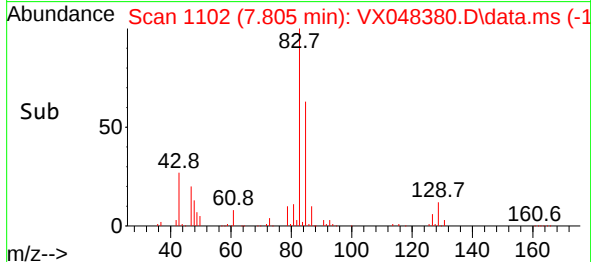
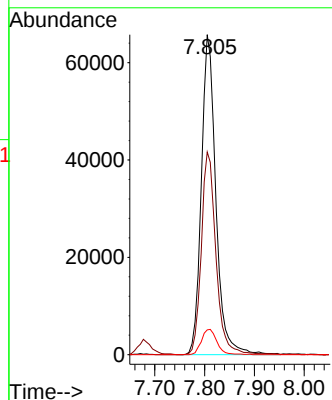
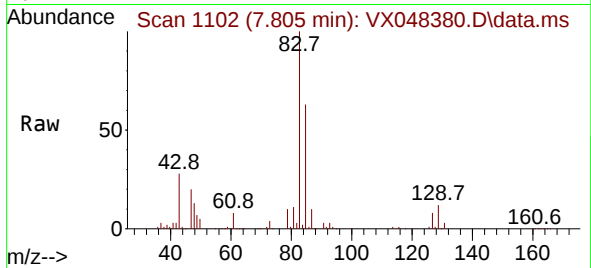
VSTDCCC050EC

Tgt Ion: 83 Resp: 13321
Ion Ratio Lower Upper
83 100
85 63.3 52.2 78.4
127 7.8 7.3 10.9

Manual Integrations

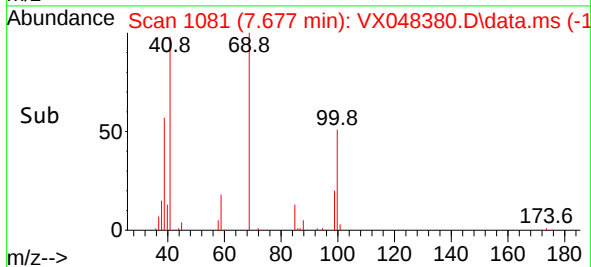
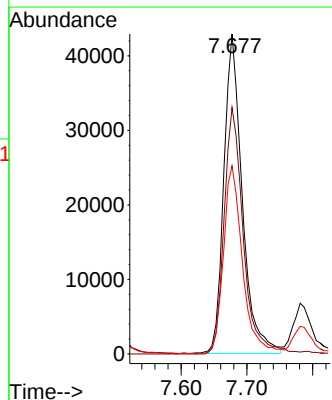
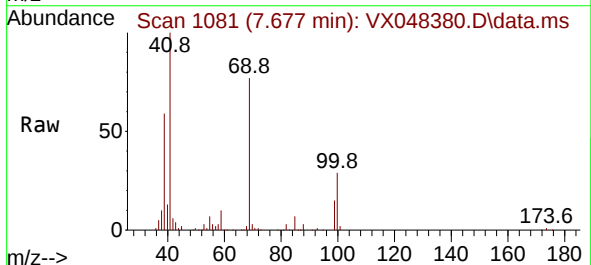
APPROVED

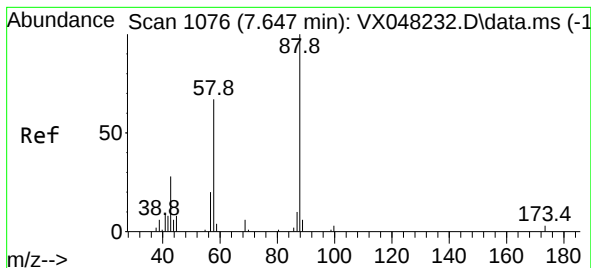
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#48
Methyl methacrylate
Concen: 50.877 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Tgt Ion: 41 Resp: 83676
Ion Ratio Lower Upper
41 100
69 80.2 63.4 95.0
39 61.1 47.1 70.7





#49

1,4-Dioxane

Concen: 811.250 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

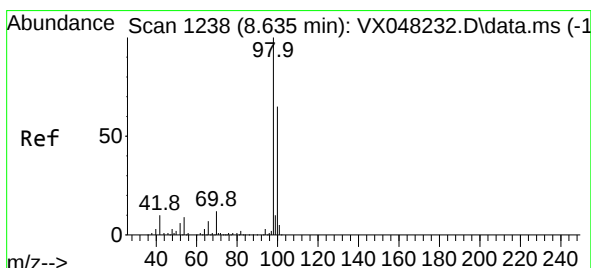
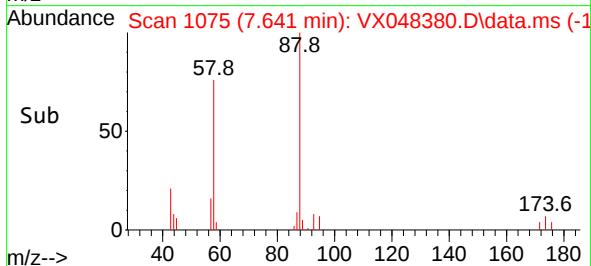
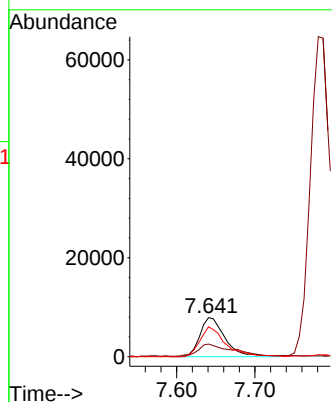
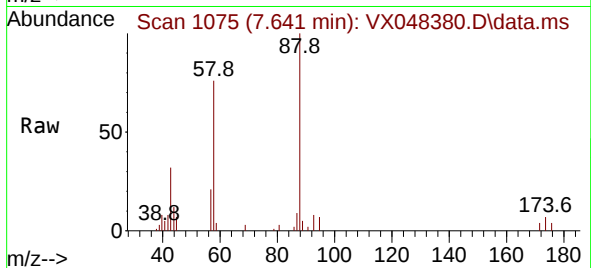
Tgt Ion:	88	Resp:	1762
Ion	Ratio	Lower	Upper
88	100		
43	41.9	35.0	52.4
58	76.8	61.9	92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#50

Toluene-d8

Concen: 45.085 ug/l

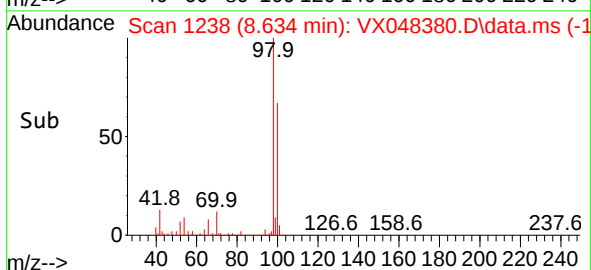
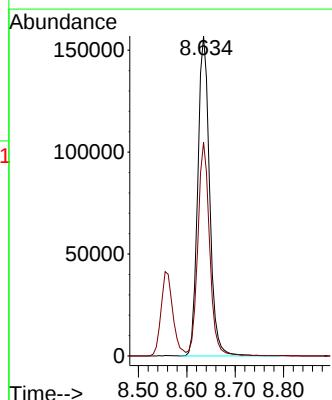
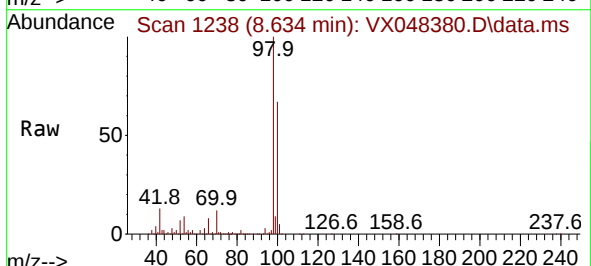
RT: 8.634 min Scan# 1238

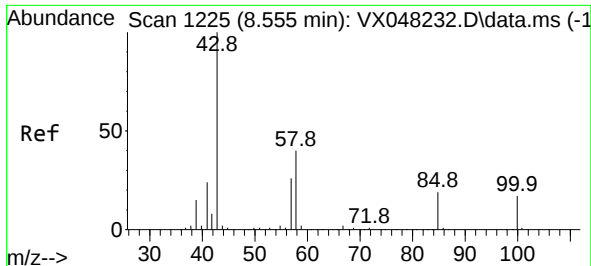
Delta R.T. -0.000 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

Tgt Ion:	98	Resp:	266155
Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4





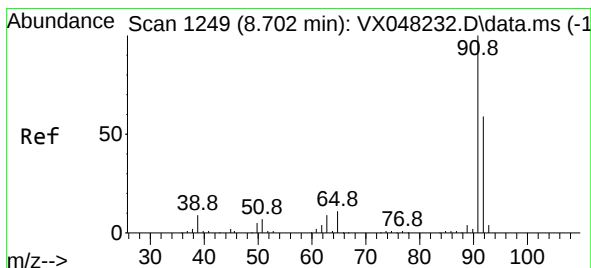
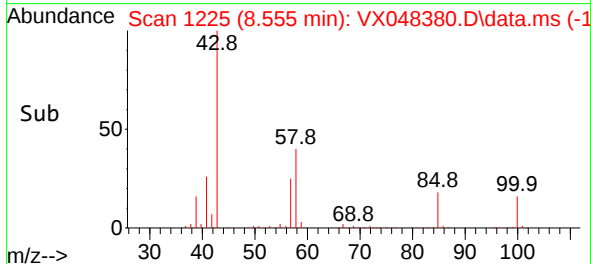
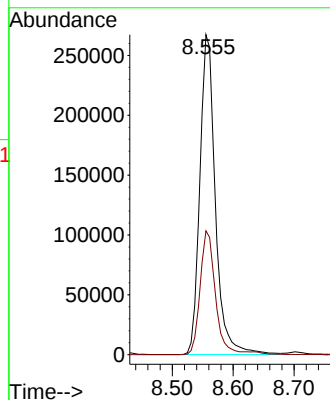
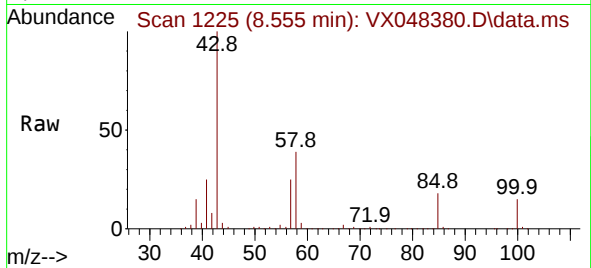
#51
4-Methyl-2-Pentanone
Concen: 252.047 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 47364
Ion Ratio Lower Upper
43 100
58 38.9 29.5 44.3

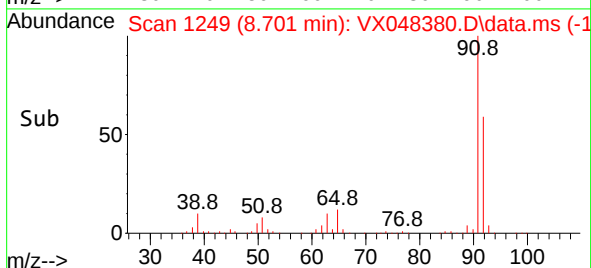
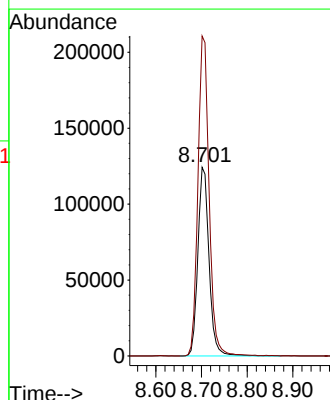
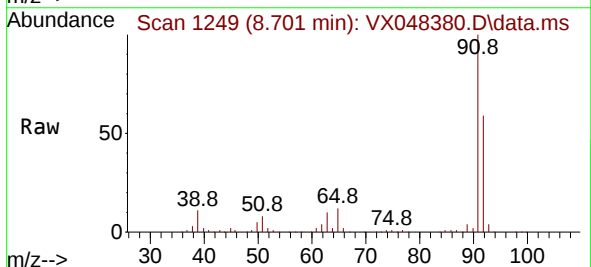
Manual Integrations
APPROVED

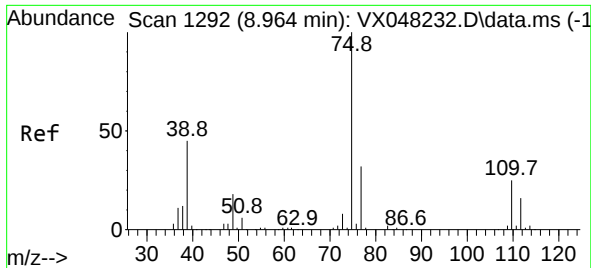
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#52
Toluene
Concen: 47.624 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Tgt Ion: 92 Resp: 210277
Ion Ratio Lower Upper
92 100
91 169.7 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 45.168 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 120990

Ion Ratio Lower Upper

75 100

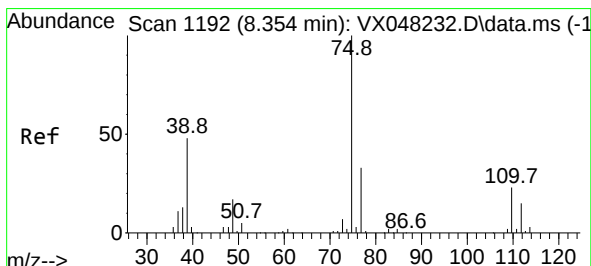
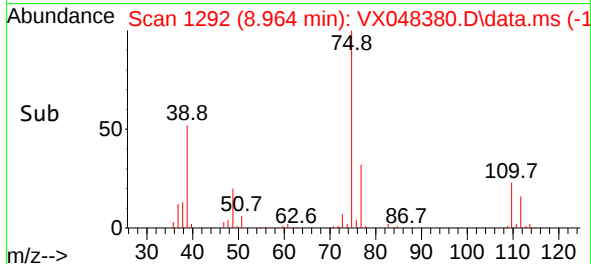
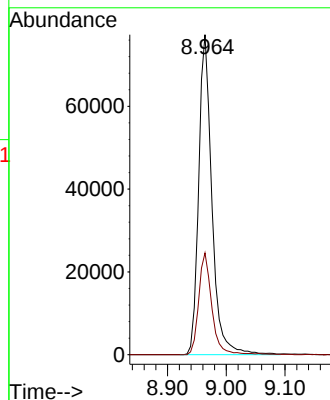
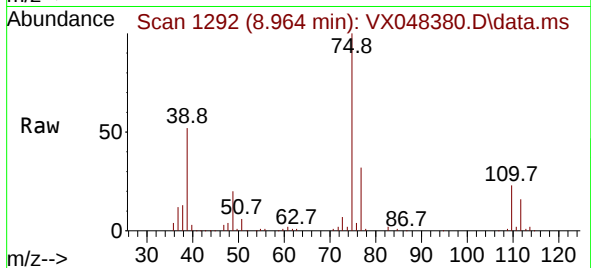
77 31.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#54

cis-1,3-Dichloropropene

Concen: 43.718 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

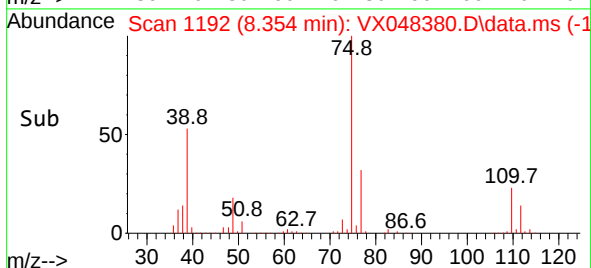
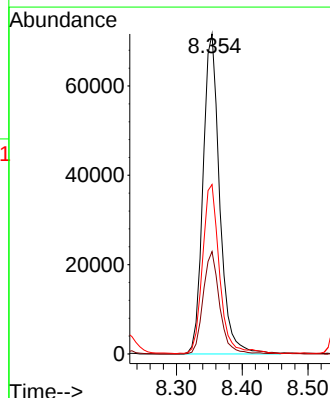
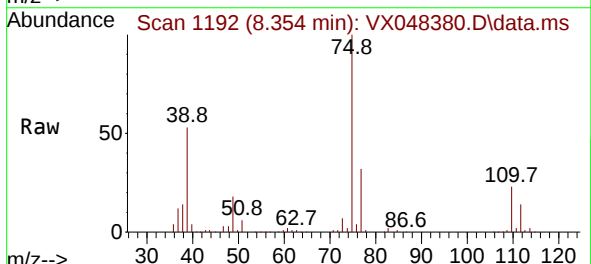
Tgt Ion: 75 Resp: 126345

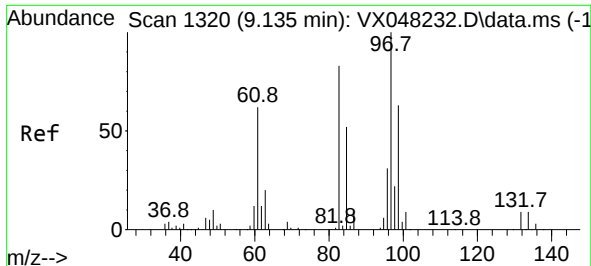
Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3

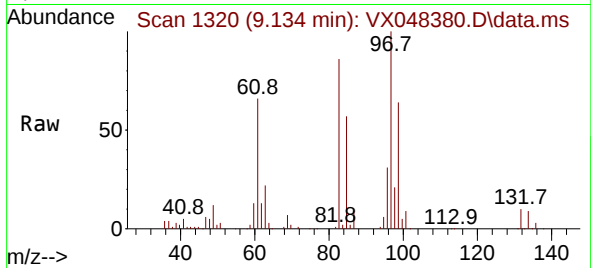
39 52.7 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 47.859 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

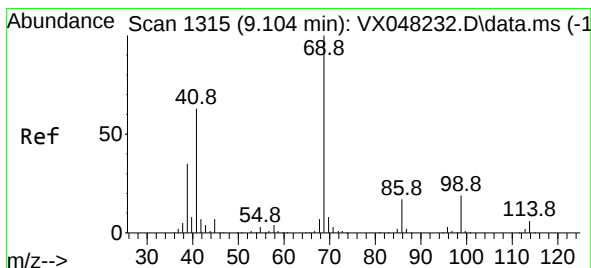
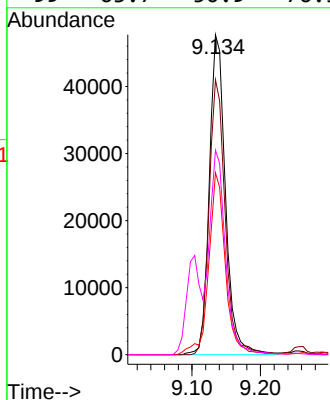
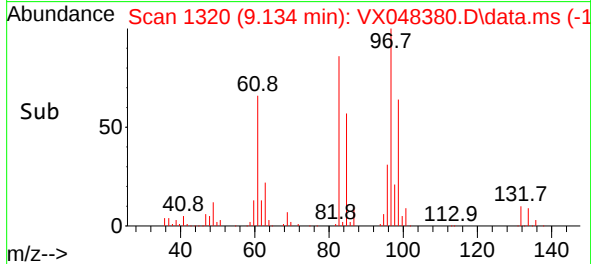
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 78584
Ion Ratio Lower Upper
97 100
83 85.9 70.6 105.8
85 56.7 45.0 67.6
99 63.7 50.9 76.3

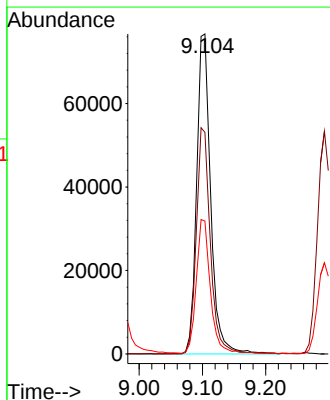
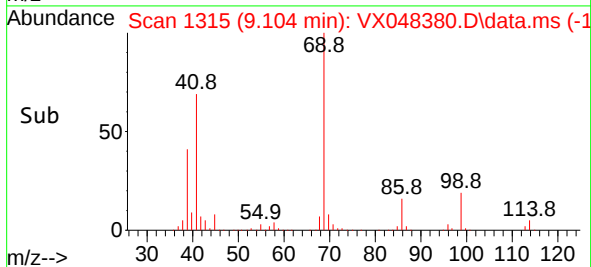
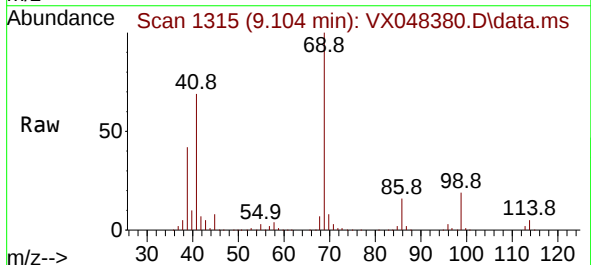
Manual Integrations
APPROVED

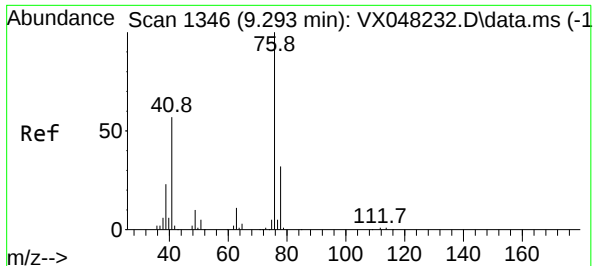
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#56
Ethyl methacrylate
Concen: 49.439 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Tgt Ion: 69 Resp: 118736
Ion Ratio Lower Upper
69 100
41 70.5 56.0 84.0
39 42.3 31.6 47.4





#57

1,3-Dichloropropane

Concen: 48.950 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 13729

Ion Ratio Lower Upper

76 100

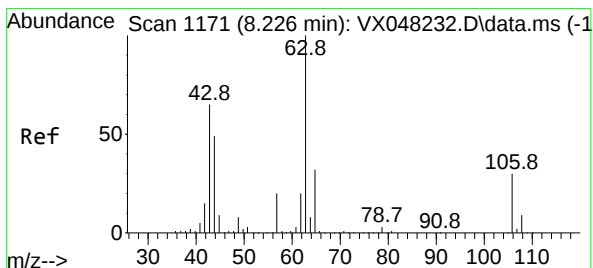
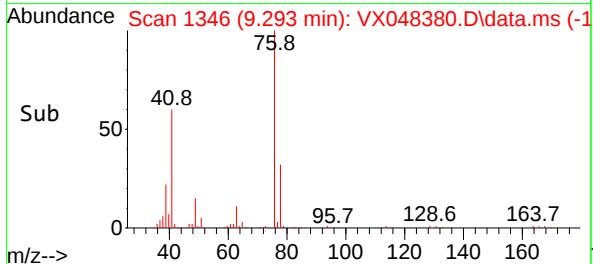
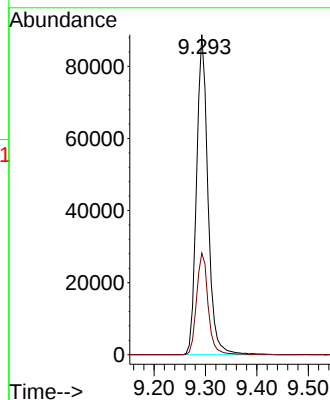
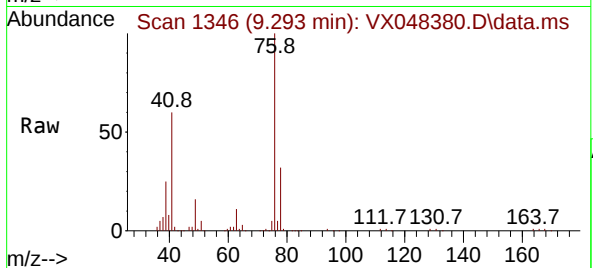
78 32.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 259.685 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX048380.D

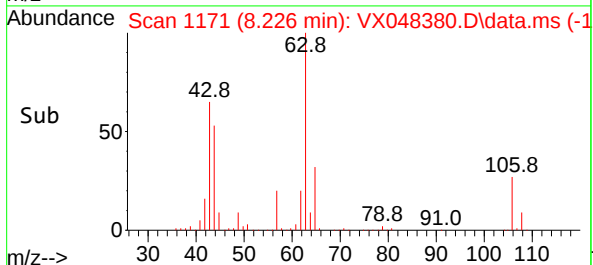
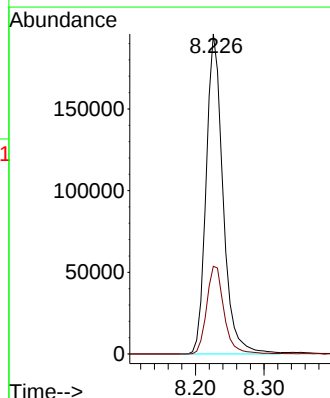
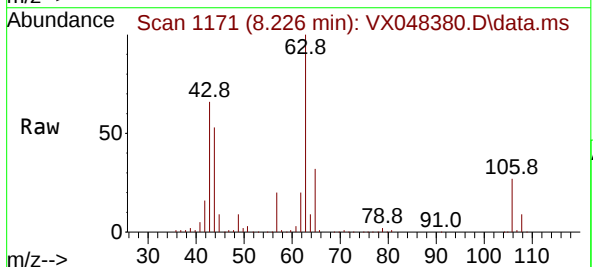
Acq: 27 Oct 2025 18:07

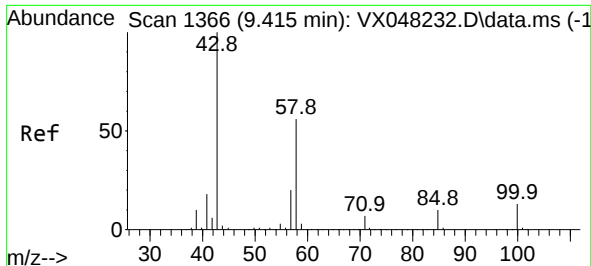
Tgt Ion: 63 Resp: 335436

Ion Ratio Lower Upper

63 100

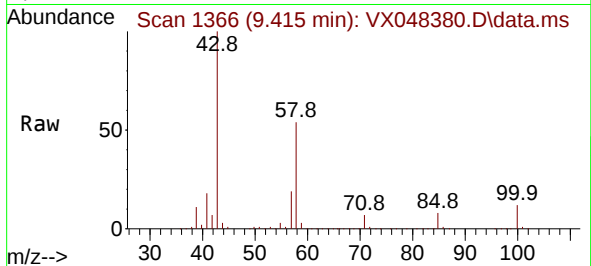
106 28.3 22.2 33.2





#59
2-Hexanone
Concen: 247.945 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

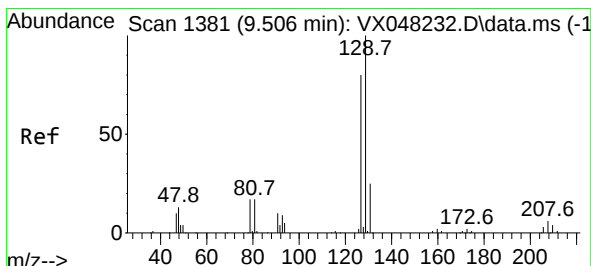
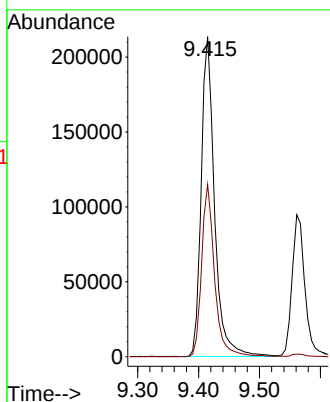
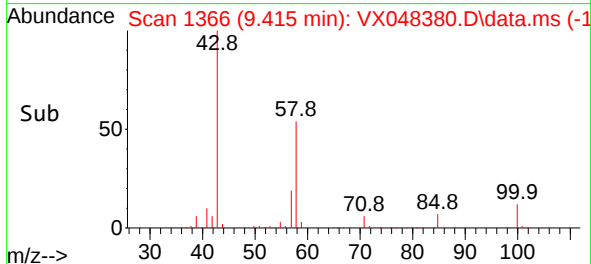
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 32489
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.8

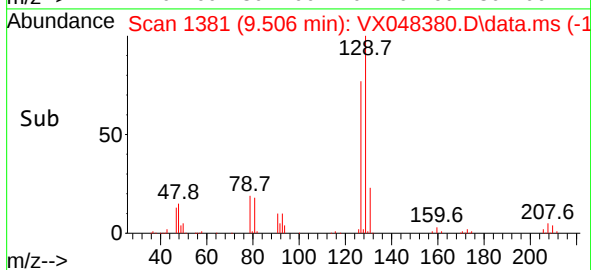
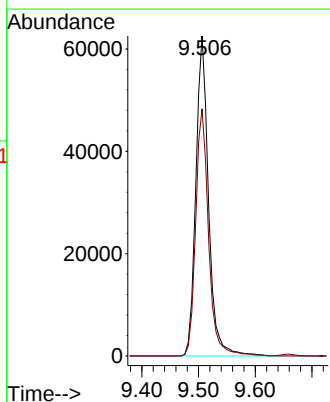
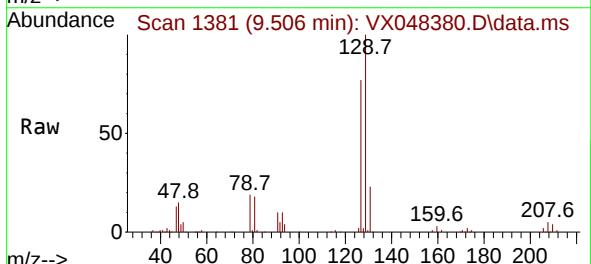
Manual Integrations
APPROVED

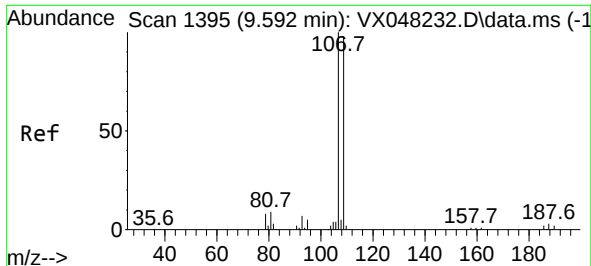
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#60
Dibromochloromethane
Concen: 44.004 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

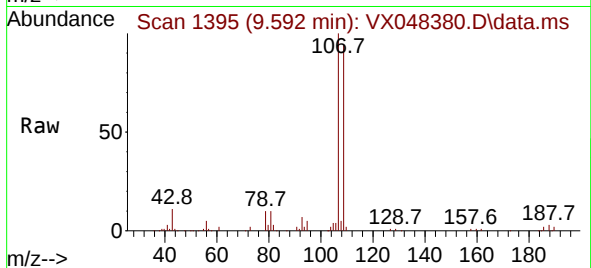
Tgt Ion:129 Resp: 97114
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.7





#61
1,2-Dibromoethane
Concen: 46.044 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

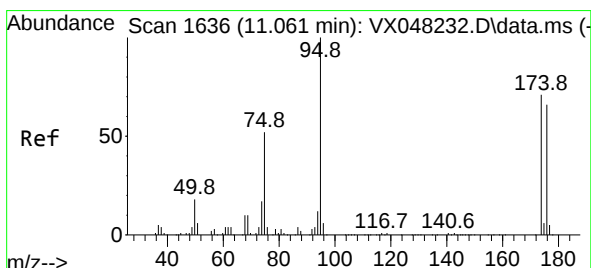
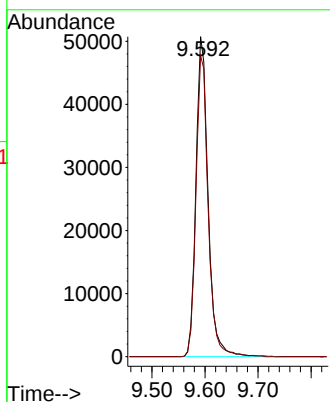
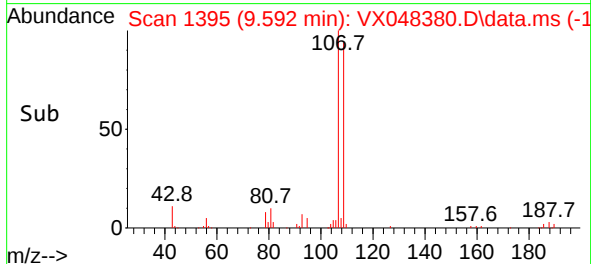
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 80599
Ion Ratio Lower Upper
107 100
109 94.4 77.0 115.4

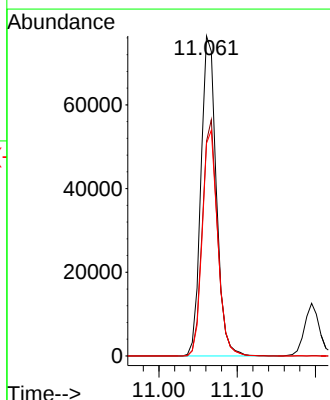
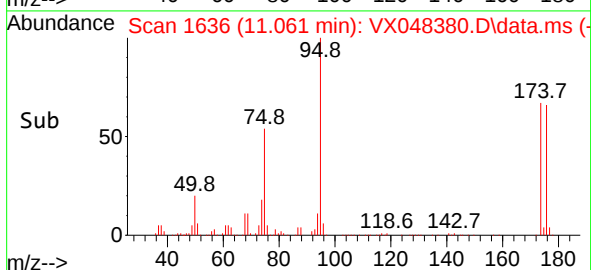
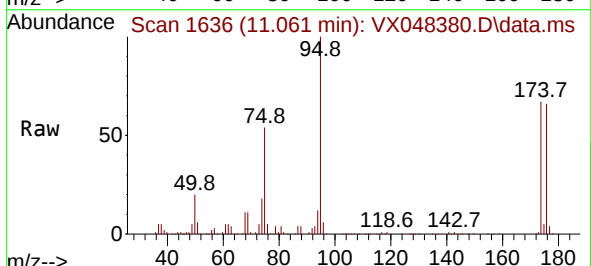
Manual Integrations
APPROVED

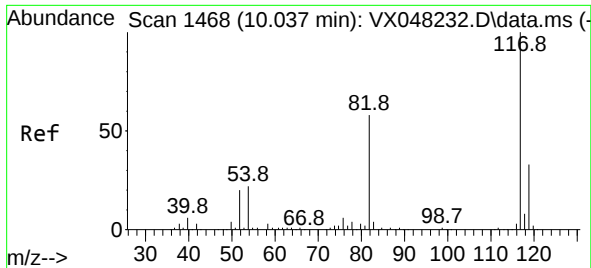
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#62
4-Bromofluorobenzene
Concen: 46.443 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

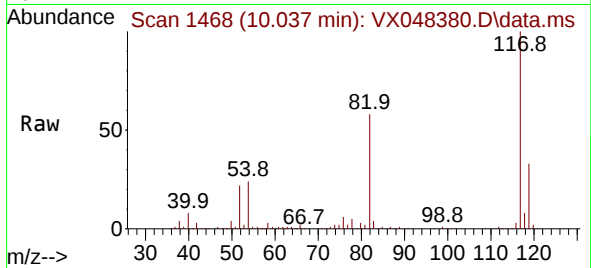
Tgt Ion: 95 Resp: 104304
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.8
176 70.6 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

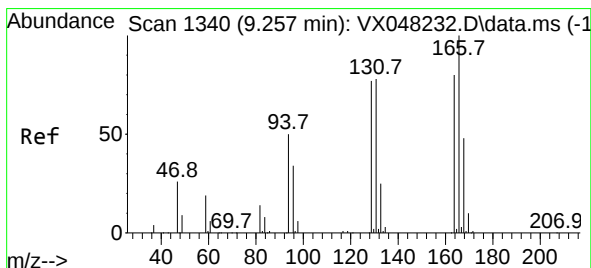
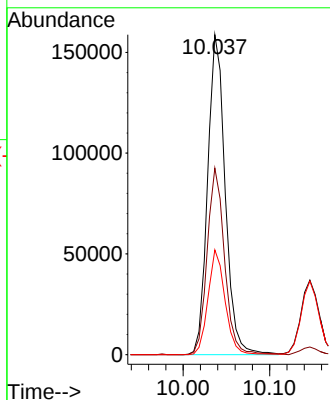
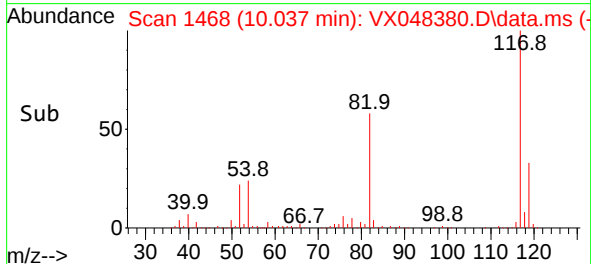
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 224124
Ion Ratio Lower Upper
117 100
82 58.2 46.5 69.7
119 32.8 25.9 38.9

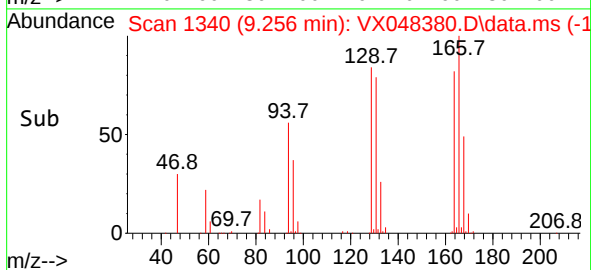
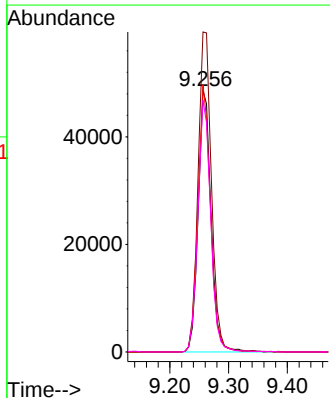
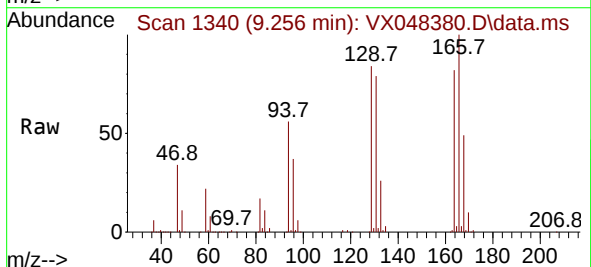
Manual Integrations
APPROVED

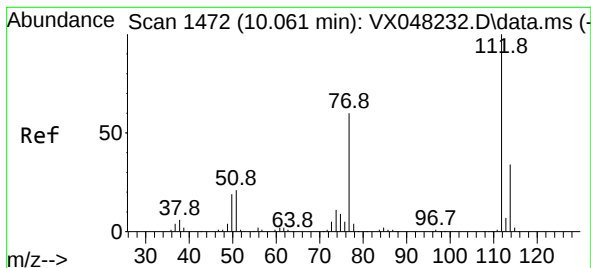
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#64
Tetrachloroethene
Concen: 44.436 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Tgt Ion:164 Resp: 74347
Ion Ratio Lower Upper
164 100
166 122.4 104.5 156.7
129 102.2 81.8 122.6
131 96.3 77.0 115.6





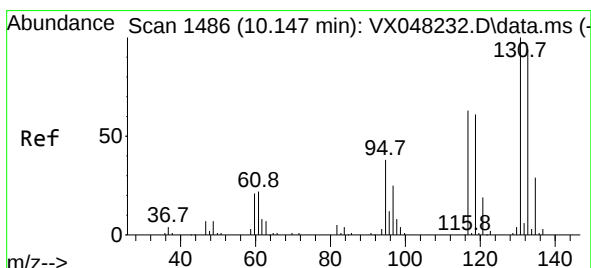
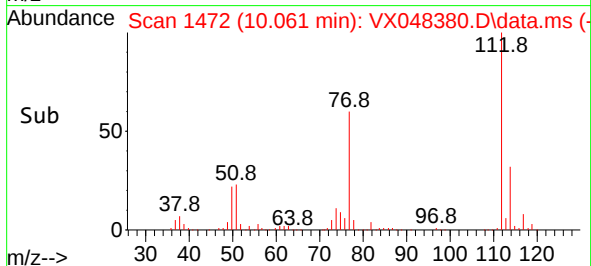
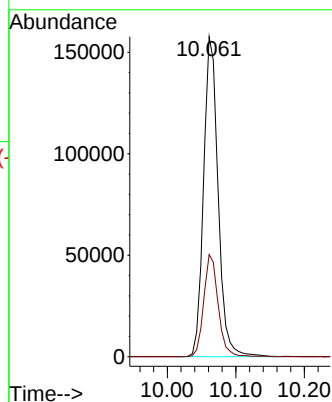
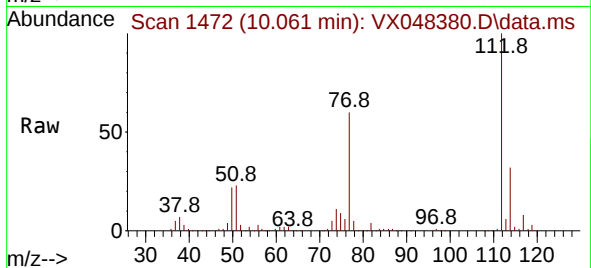
#65
Chlorobenzene
Concen: 46.170 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 232775
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

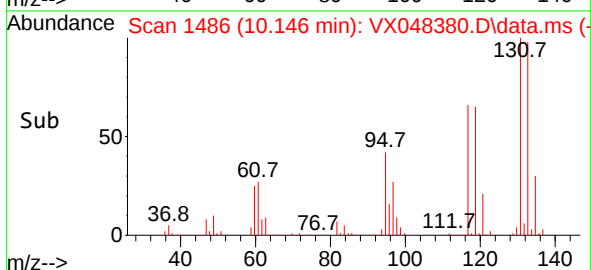
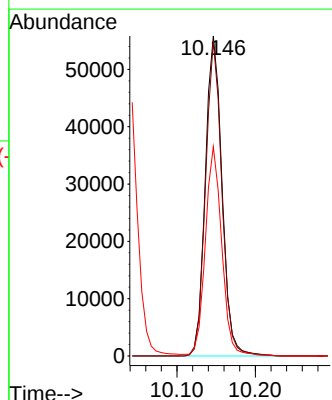
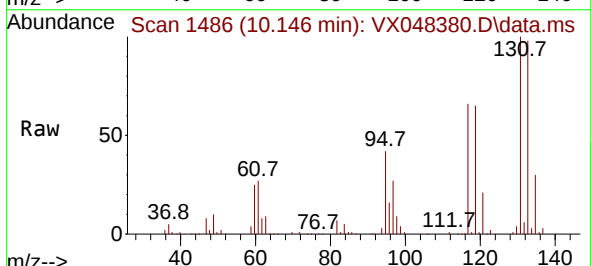
Manual Integrations
APPROVED

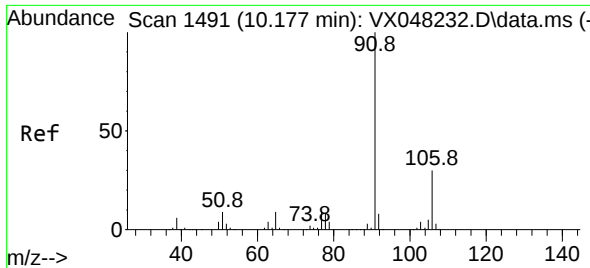
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 44.571 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

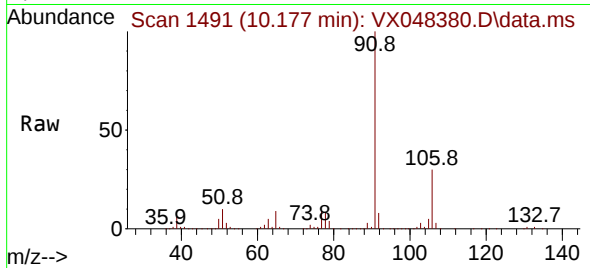
Tgt Ion:131 Resp: 82537
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.8
119 64.5 32.5 97.5





#67
Ethyl Benzene
Concen: 46.830 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

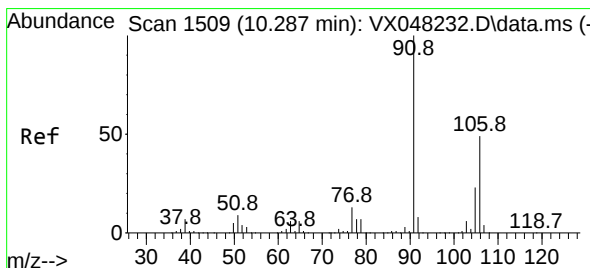
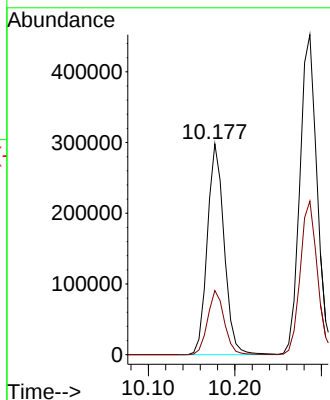
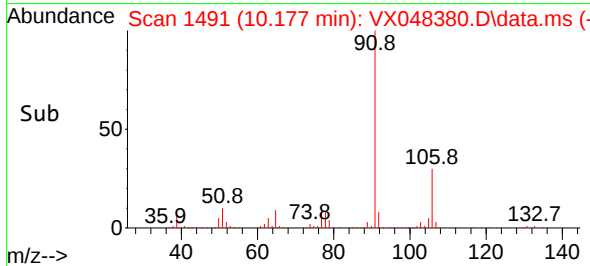
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



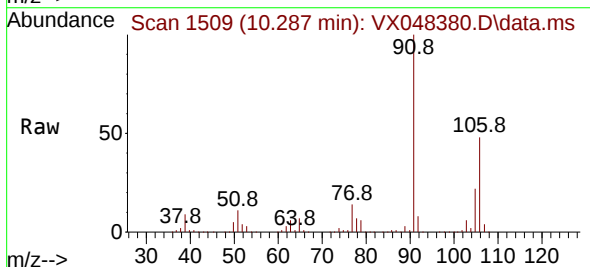
Tgt Ion: 91 Resp: 401983
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6

Manual Integrations
APPROVED

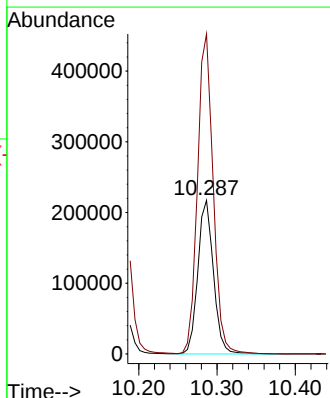
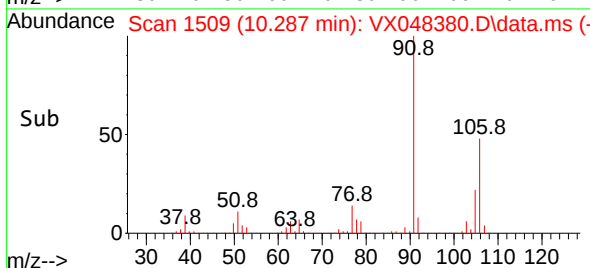
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

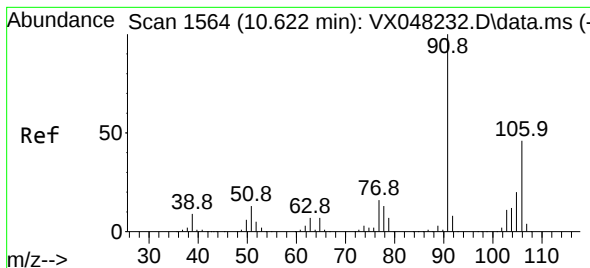


#68
m/p-Xylenes
Concen: 94.258 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07



Tgt Ion:106 Resp: 300620
Ion Ratio Lower Upper
106 100
91 209.4 167.9 251.9





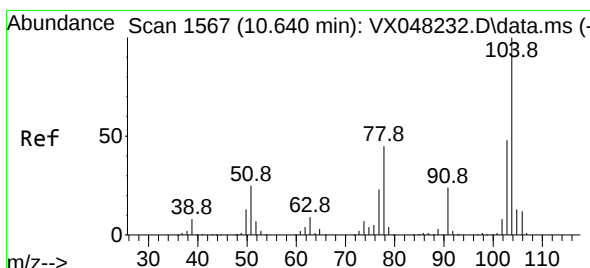
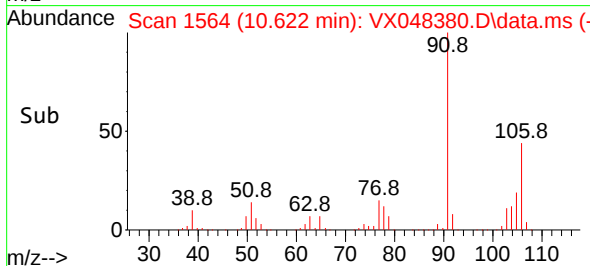
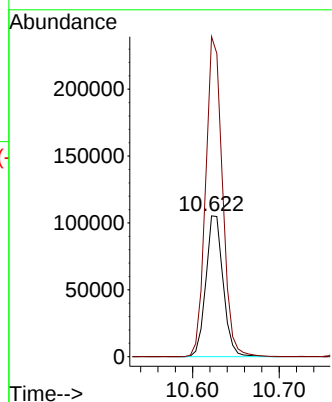
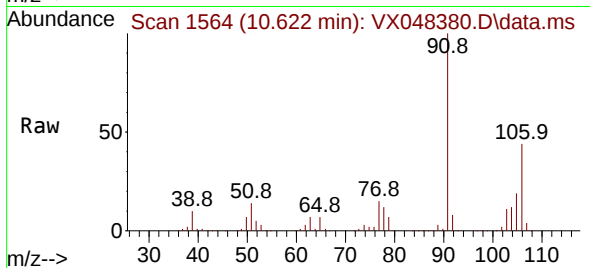
#69
o-Xylene
Concen: 47.418 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 146000
Ion Ratio Lower Upper
106 100
91 221.7 111.3 333.9

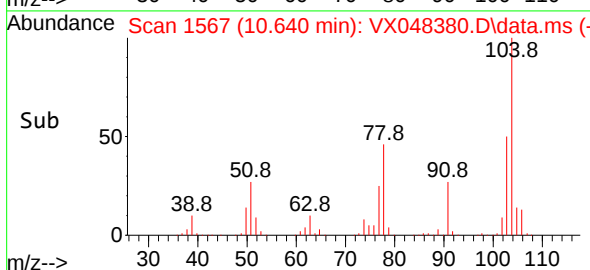
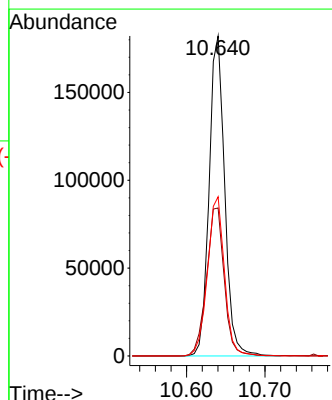
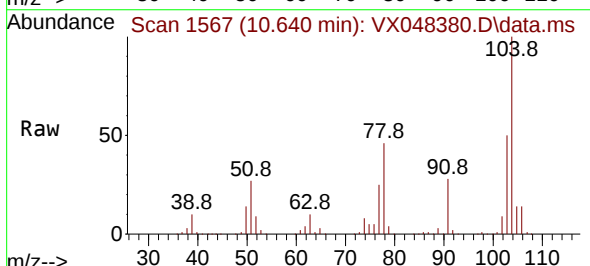
Manual Integrations
APPROVED

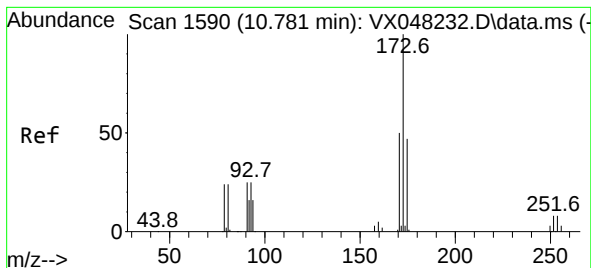
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#70
Styrene
Concen: 47.926 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Tgt Ion:104 Resp: 251273
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 54.3 43.0 64.4





#71

Bromoform

Concen: 40.106 ug/l

RT: 10.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

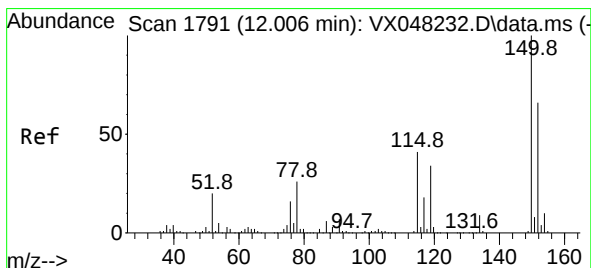
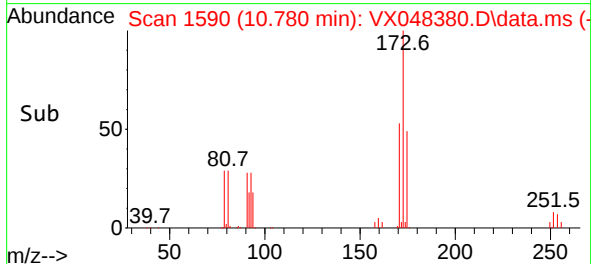
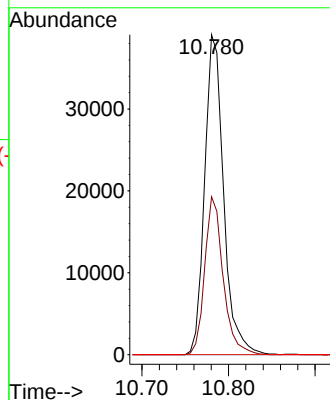
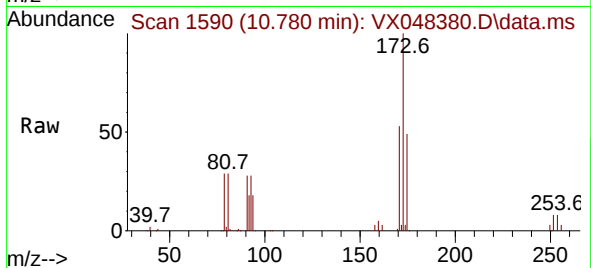
Tgt Ion:173 Resp: 59358
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.0 72.0
 254 0.0 0.0 0.0

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

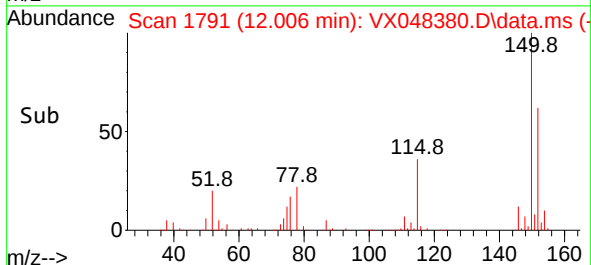
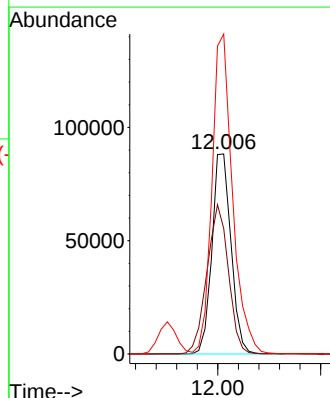
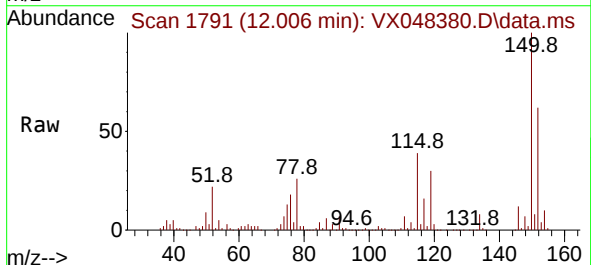
RT: 12.006 min Scan# 1791

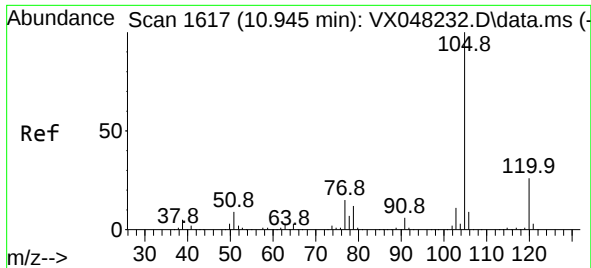
Delta R.T. -0.000 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

Tgt Ion:152 Resp: 113643
 Ion Ratio Lower Upper
 152 100
 115 84.1 43.1 129.4
 150 172.5 0.0 353.0





#73
Isopropylbenzene
Concen: 45.845 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Instrument :

MSVOA_X

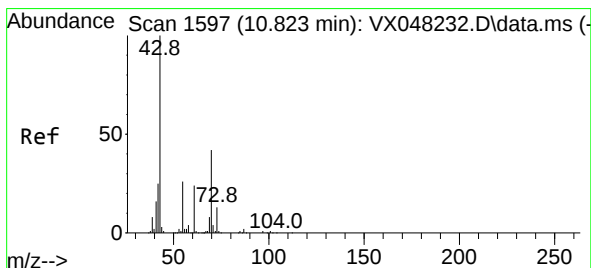
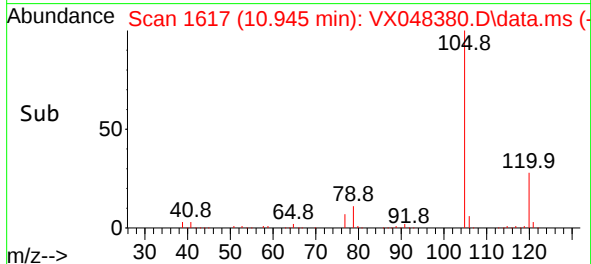
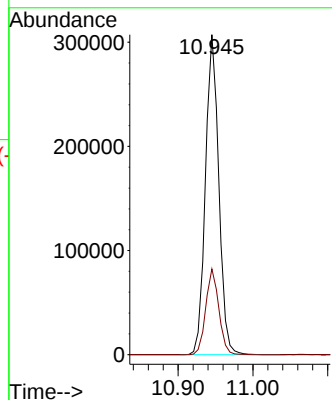
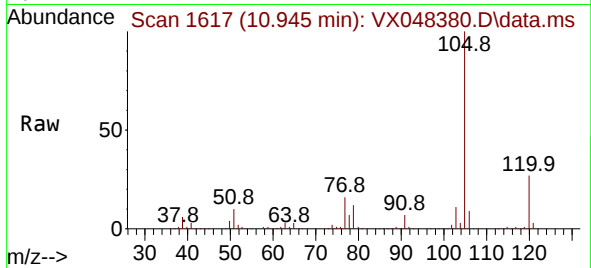
ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 380538
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

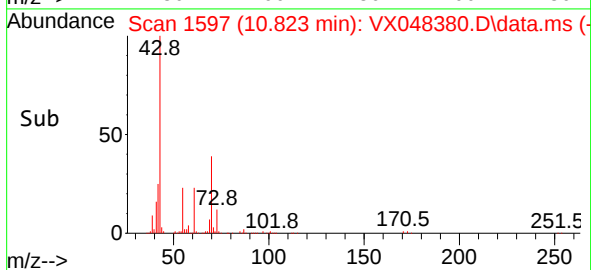
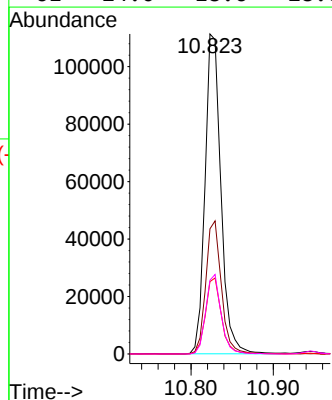
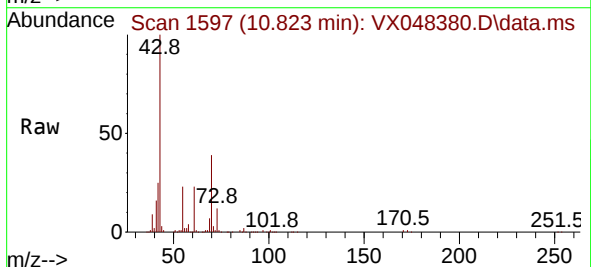
Manual Integrations
APPROVED

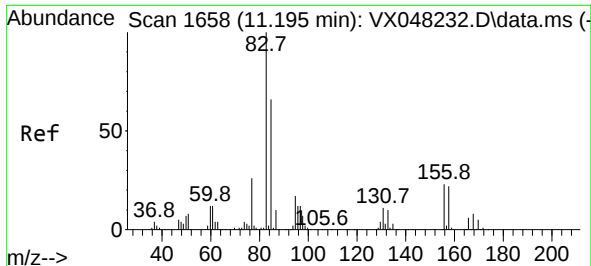
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#74
N-ethyl acetate
Concen: 50.864 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

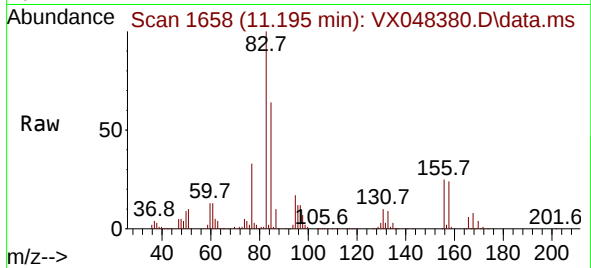
Tgt Ion: 43 Resp: 149758
Ion Ratio Lower Upper
43 100
70 40.9 32.2 48.2
55 23.8 19.1 28.7
61 24.0 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 44.060 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

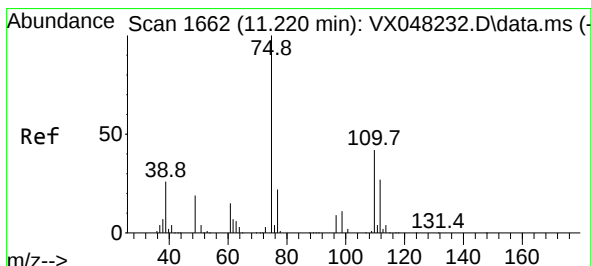
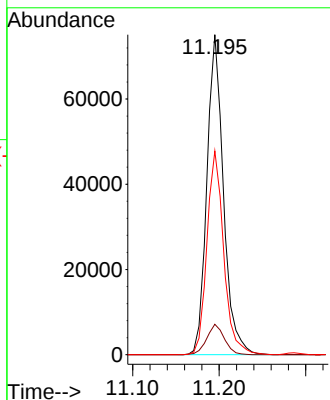
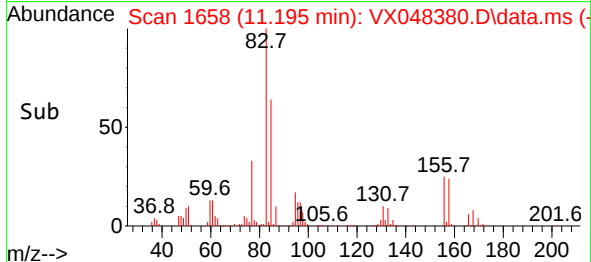
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



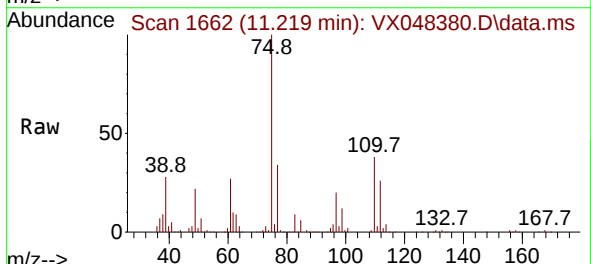
Tgt Ion: 83 Resp: 9987
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 64.3 31.9 95.7

Manual Integrations
APPROVED

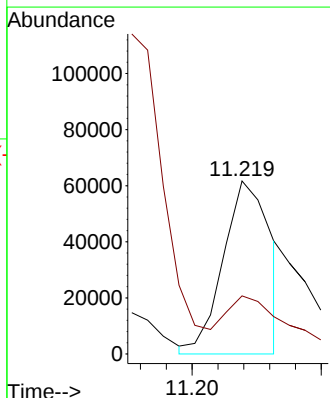
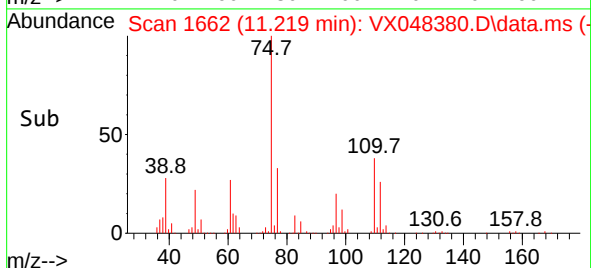
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

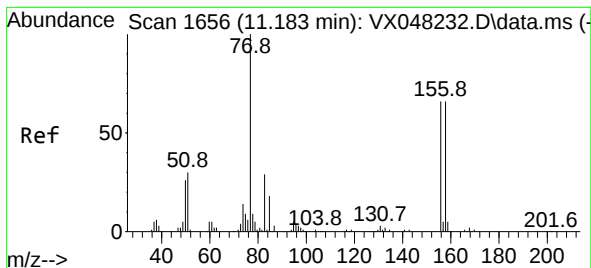


#76
1,2,3-Trichloropropane
Concen: 42.511 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07



Tgt Ion: 75 Resp: 78344
Ion Ratio Lower Upper
75 100
77 43.7 22.4 67.2





#77

Bromobenzene

Concen: 43.602 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.006 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

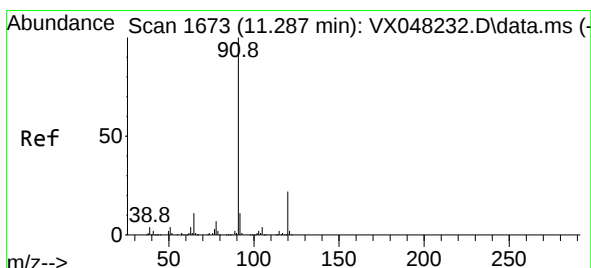
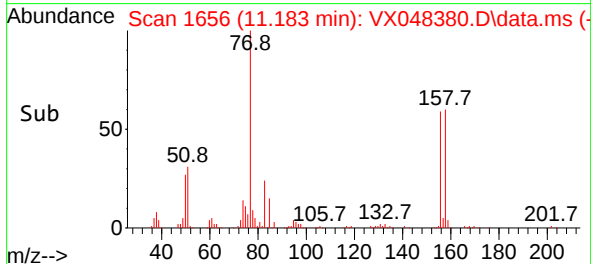
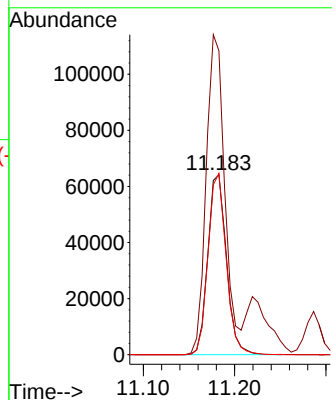
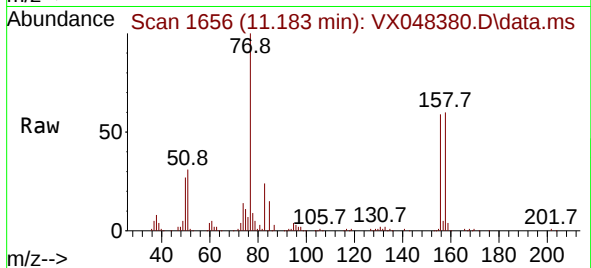
Tgt Ion:	156	Resp:	90748
Ion Ratio	Lower	Upper	
156	100		
77	177.5	87.0	261.0
158	97.8	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#78

n-propylbenzene

Concen: 46.775 ug/l

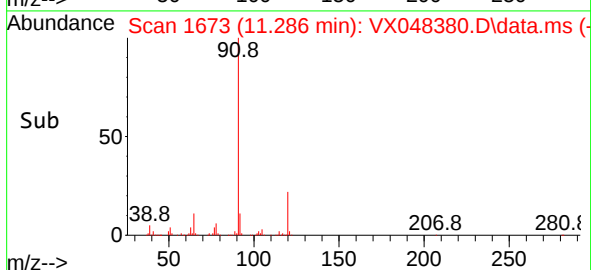
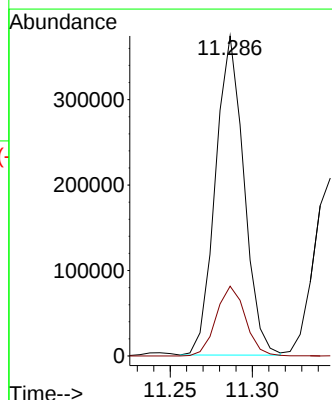
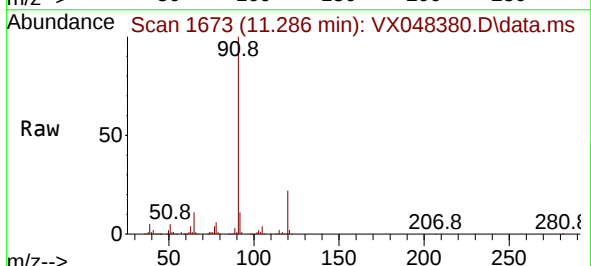
RT: 11.286 min Scan# 1673

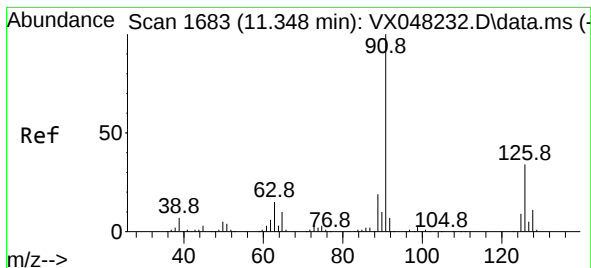
Delta R.T. -0.000 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

Tgt Ion:	91	Resp:	449533
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.1	33.1





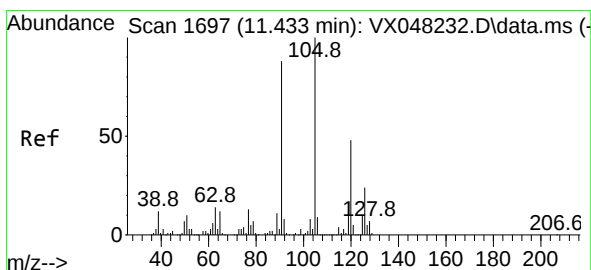
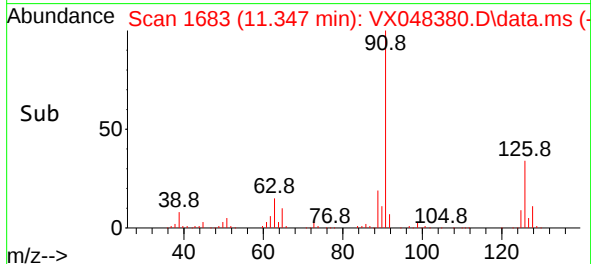
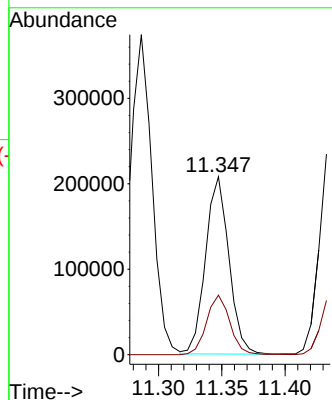
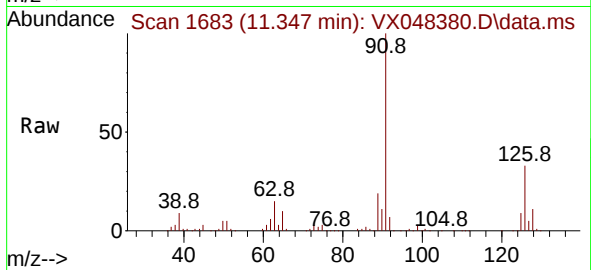
#79
2-Chlorotoluene
Concen: 45.829 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 267035
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.4

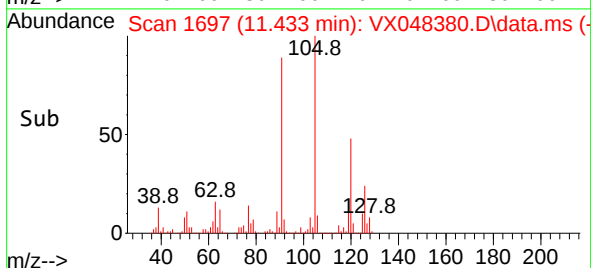
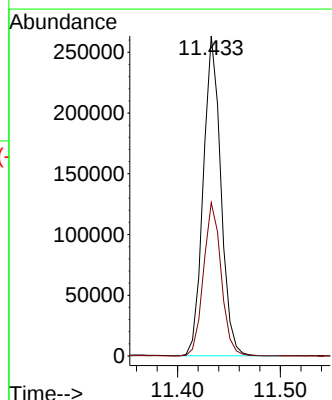
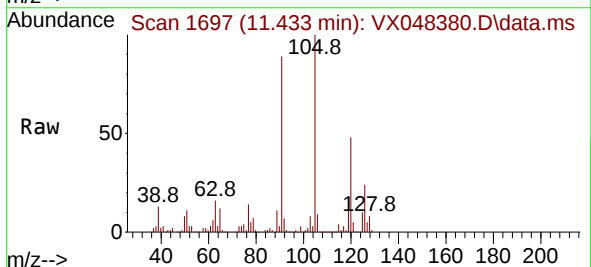
Manual Integrations
APPROVED

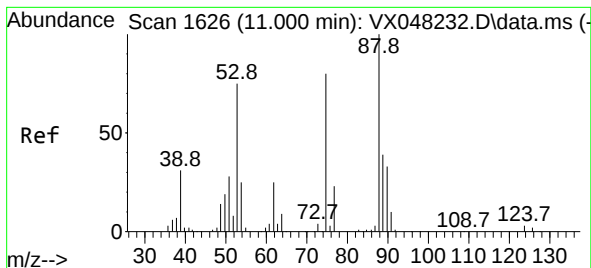
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 45.669 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Tgt Ion:105 Resp: 313707
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0





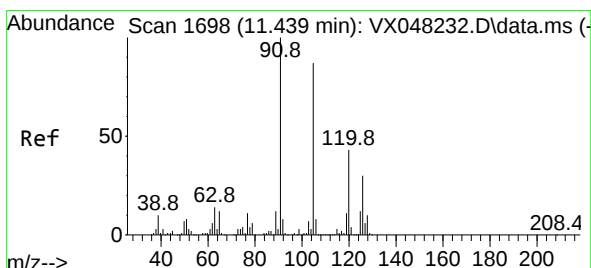
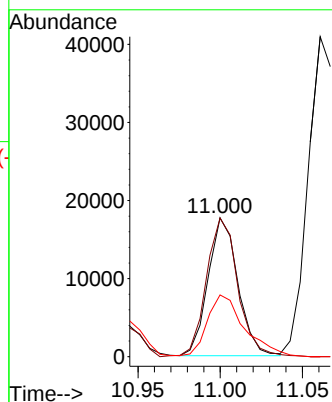
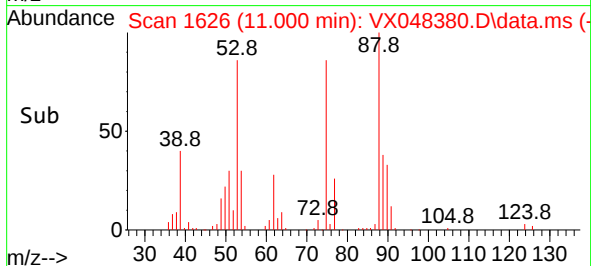
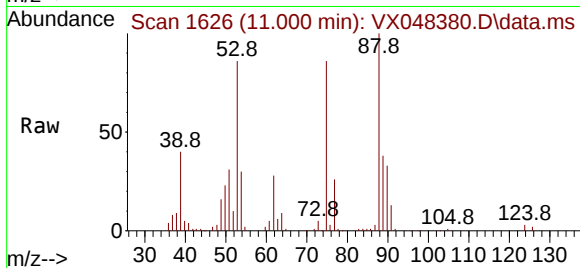
#81
trans-1,4-Dichloro-2-butene
Concen: 29.462 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2231
Ion Ratio Lower Upper
75 100
53 105.9 79.5 119.3
89 56.2 36.8 55.2

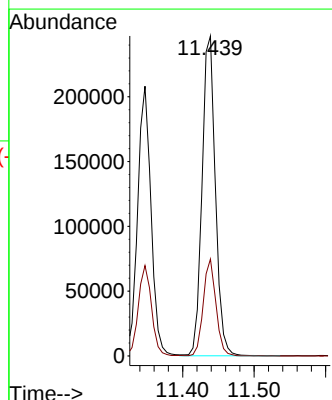
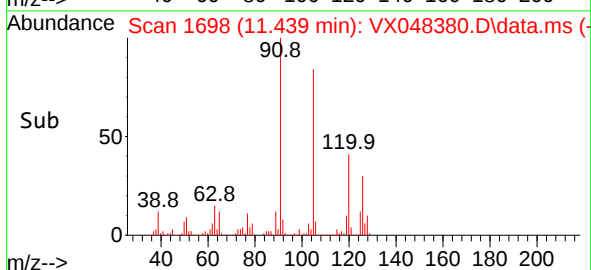
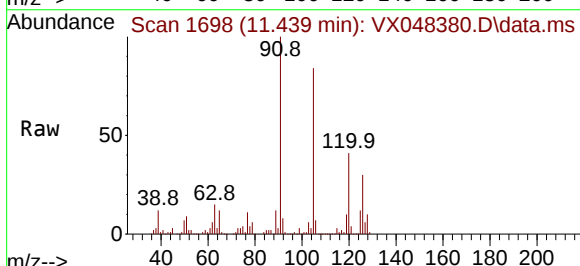
Manual Integrations
APPROVED

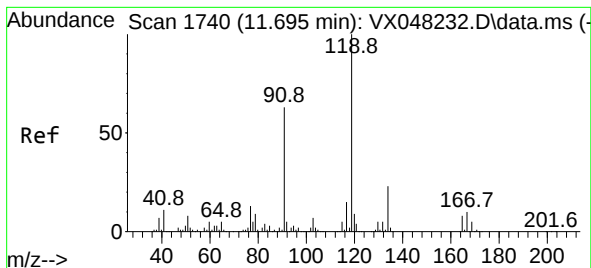
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#82
4-Chlorotoluene
Concen: 46.147 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

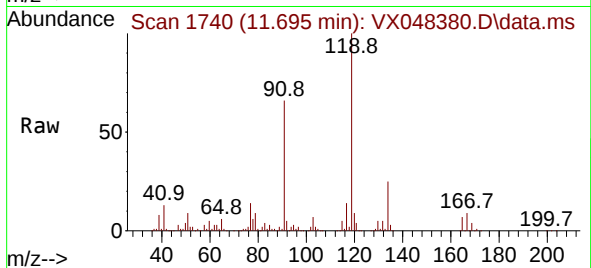
Tgt Ion: 91 Resp: 319192
Ion Ratio Lower Upper
91 100
126 29.0 14.1 42.4





#83
tert-Butylbenzene
Concen: 45.099 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

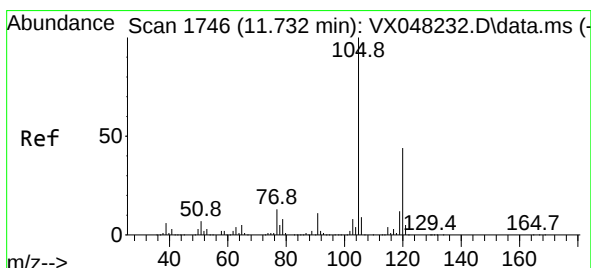
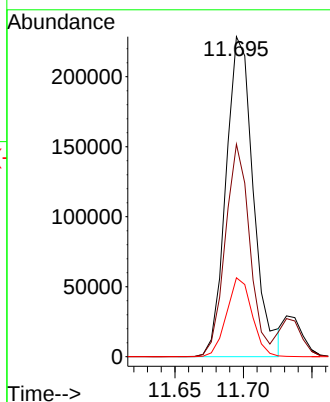
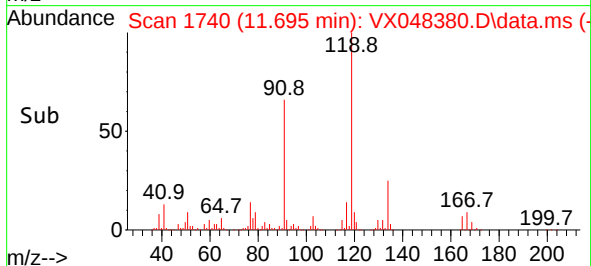
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



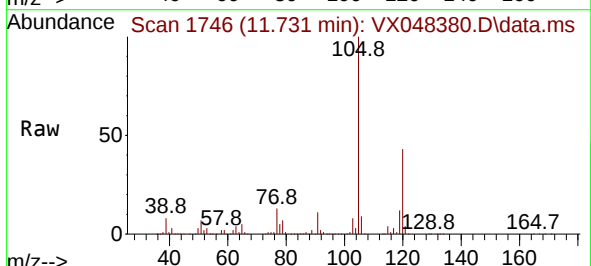
Tgt Ion:119 Resp: 318298
Ion Ratio Lower Upper
119 100
91 59.5 30.3 91.0
134 22.9 11.4 34.2

Manual Integrations
APPROVED

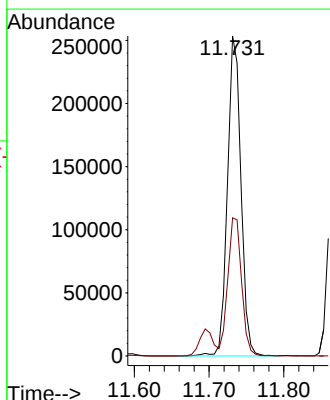
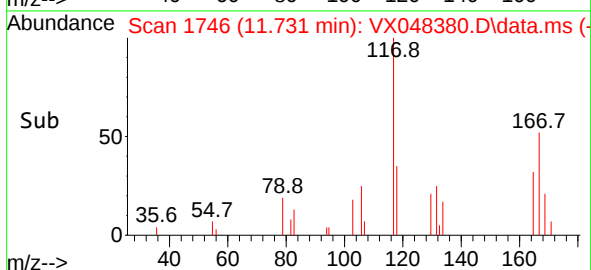
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

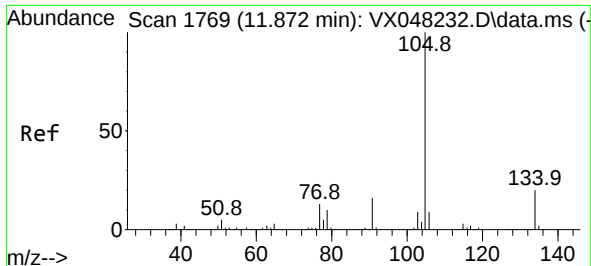


#84
1,2,4-Trimethylbenzene
Concen: 46.386 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07



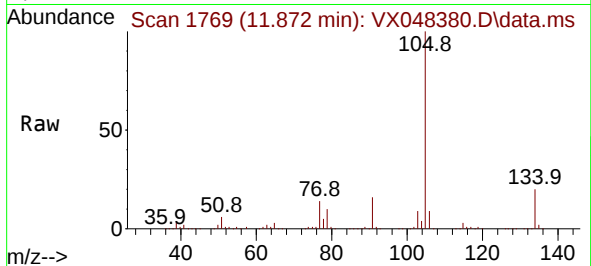
Tgt Ion:105 Resp: 317986
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 45.309 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048380.D
 Acq: 27 Oct 2025 18:07

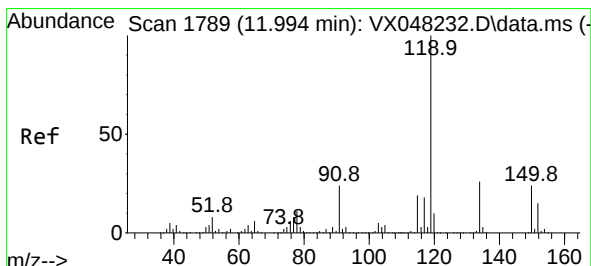
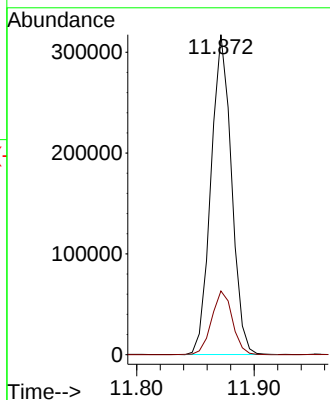
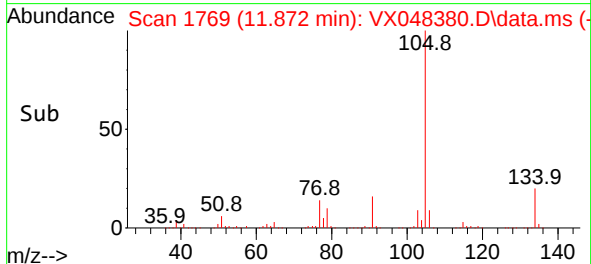
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



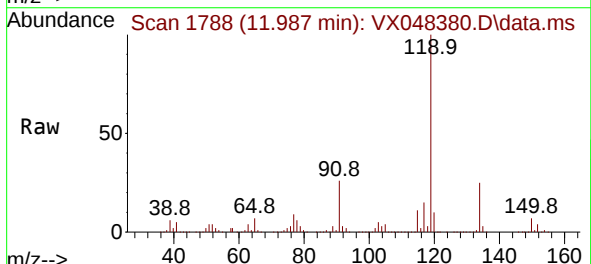
Tgt Ion:105 Resp: 384720
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
 APPROVED

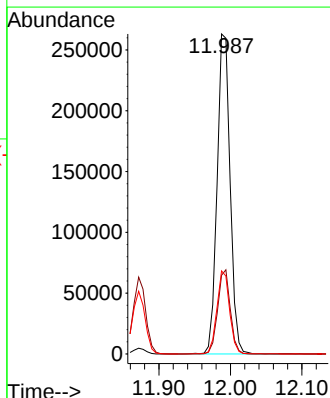
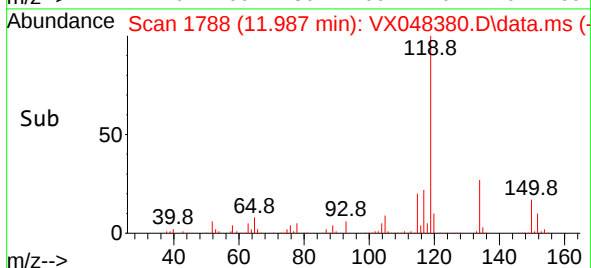
Reviewed By :John Carlone 10/28/2025
 Supervised By :Mahesh Dadoda 10/28/2025

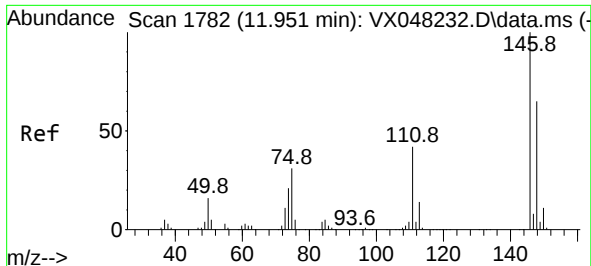


#86
 p-Isopropyltoluene
 Concen: 45.222 ug/l
 RT: 11.987 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048380.D
 Acq: 27 Oct 2025 18:07



Tgt Ion:119 Resp: 331904
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 25.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 43.676 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048380.D

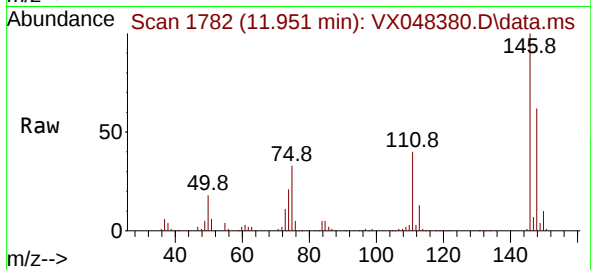
Acq: 27 Oct 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 17136

Ion Ratio Lower Upper

146 100

111 41.8 20.4 61.2

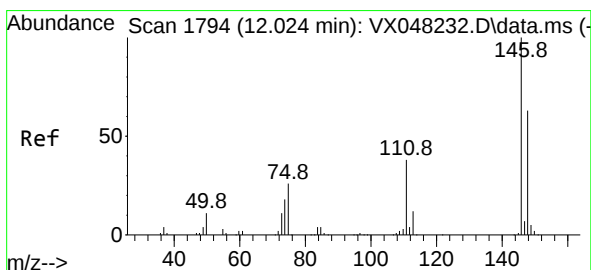
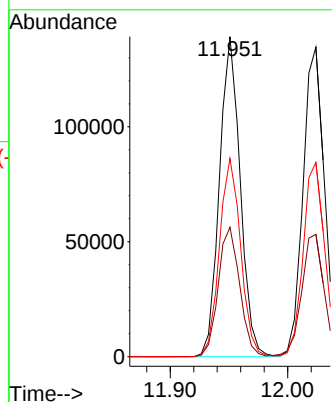
148 63.2 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#88

1,4-Dichlorobenzene

Concen: 42.320 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

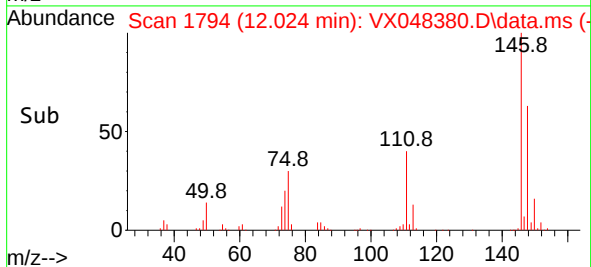
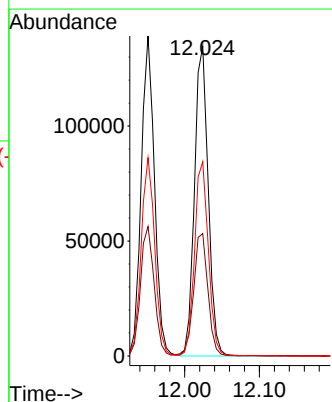
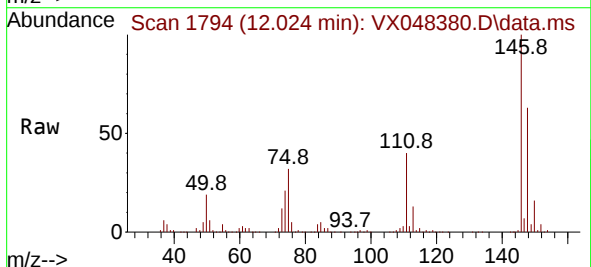
Tgt Ion:146 Resp: 172017

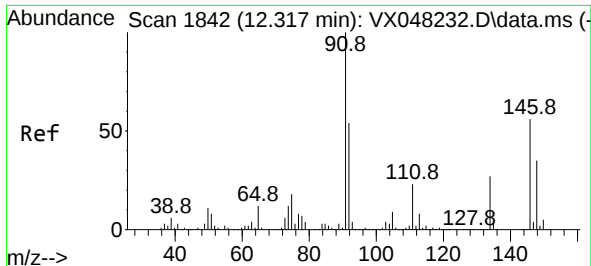
Ion Ratio Lower Upper

146 100

111 41.3 20.1 60.2

148 63.4 31.8 95.3





#89

n-Butylbenzene

Concen: 46.143 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

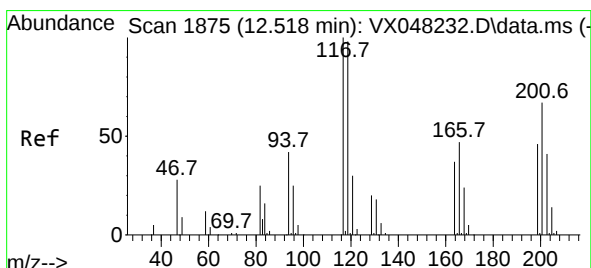
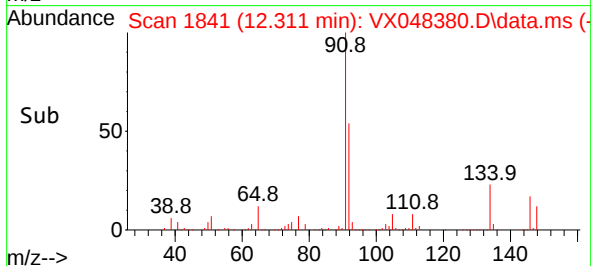
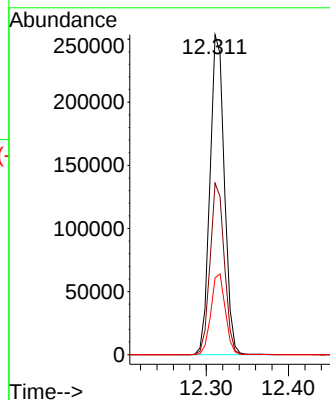
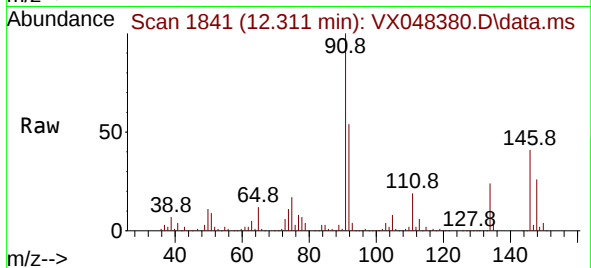
Tgt Ion: 91 Resp: 308244
 Ion Ratio Lower Upper
 91 100
 92 53.1 26.9 80.6
 134 25.3 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Mahesh Dadoda 10/28/2025



#90

Hexachloroethane

Concen: 39.655 ug/l

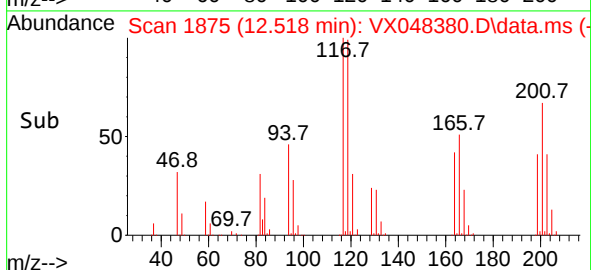
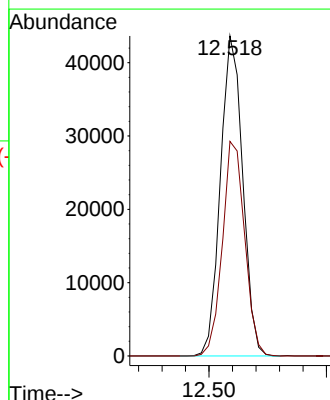
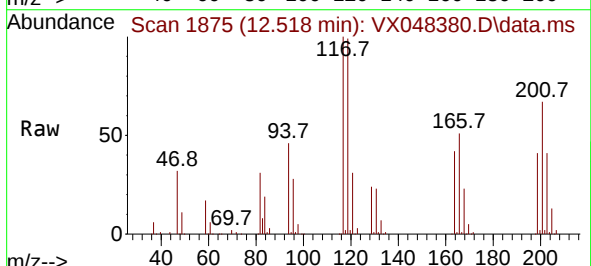
RT: 12.518 min Scan# 1875

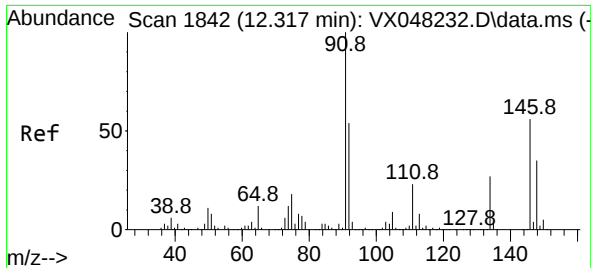
Delta R.T. -0.000 min

Lab File: VX048380.D

Acq: 27 Oct 2025 18:07

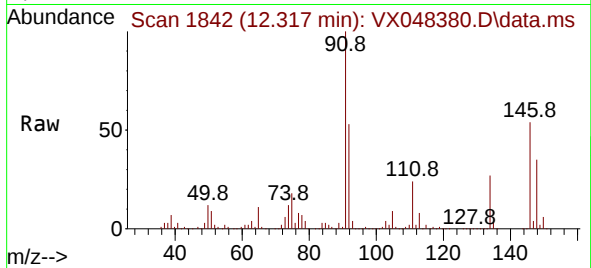
Tgt Ion:117 Resp: 57474
 Ion Ratio Lower Upper
 117 100
 201 67.2 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 43.583 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

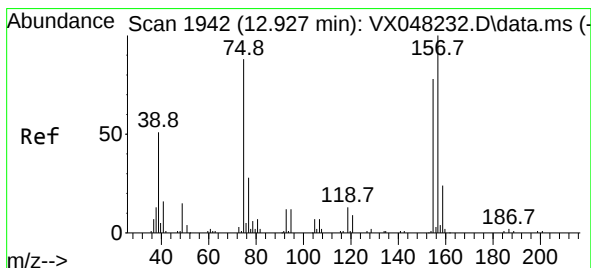
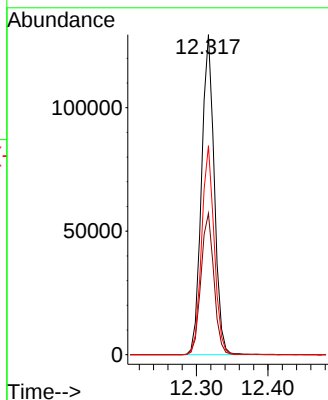
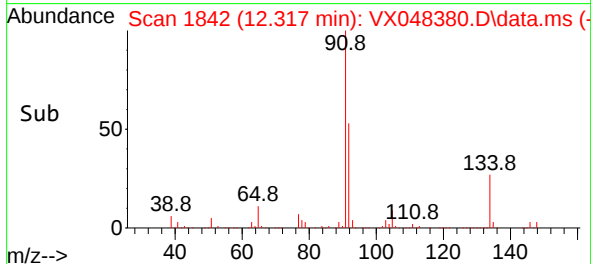
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 160549
Ion Ratio Lower Upper
146 100
111 44.6 21.9 65.5
148 64.3 31.9 95.5

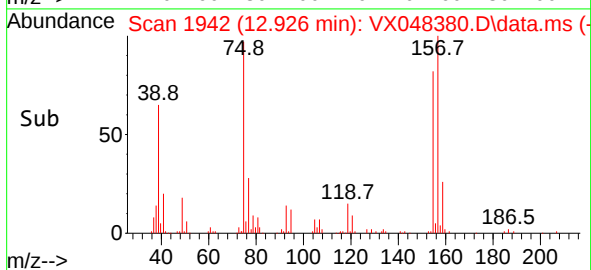
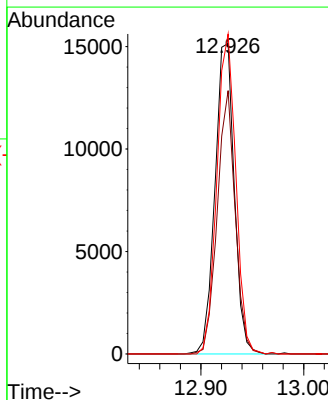
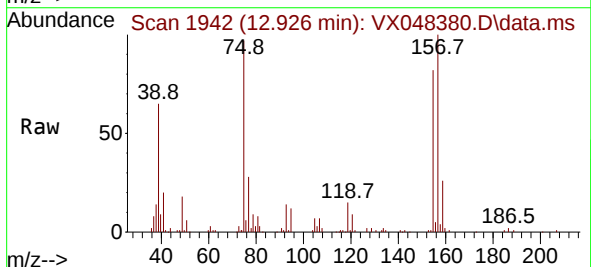
Manual Integrations
APPROVED

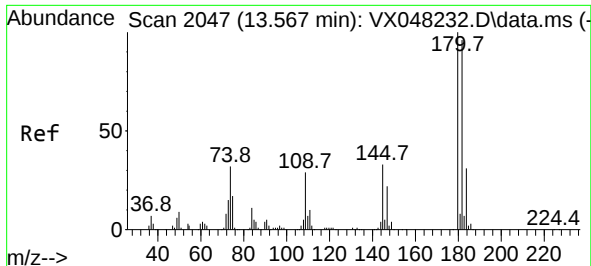
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.872 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

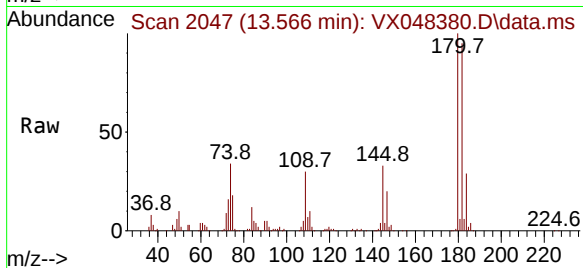
Tgt Ion: 75 Resp: 19726
Ion Ratio Lower Upper
75 100
155 79.0 42.8 128.4
157 101.1 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 43.574 ug/l
RT: 13.566 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

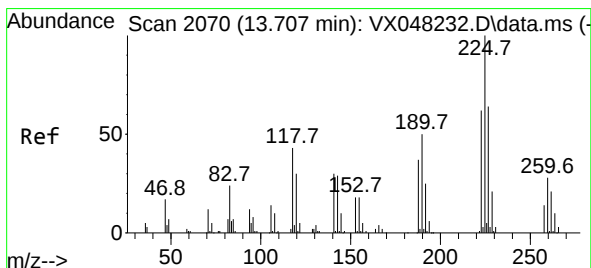
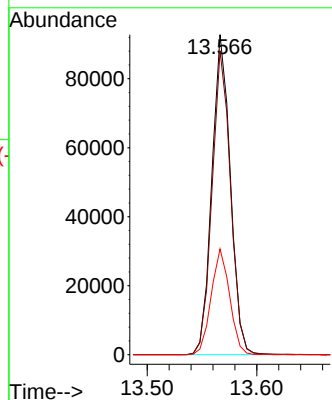
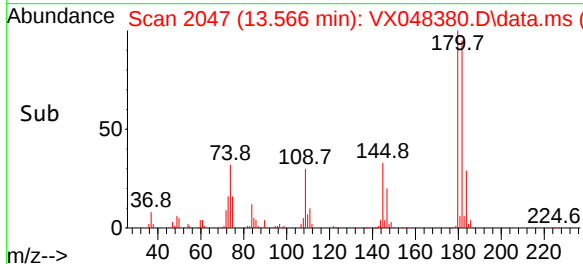
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



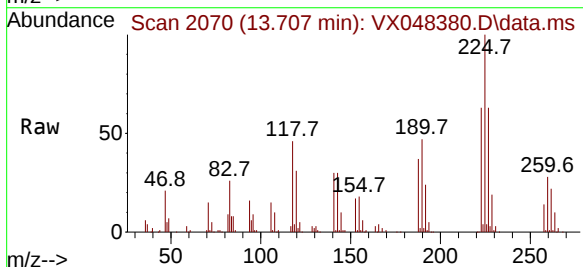
Tgt Ion:180 Resp: 108552
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 33.1 16.3 48.9

Manual Integrations
APPROVED

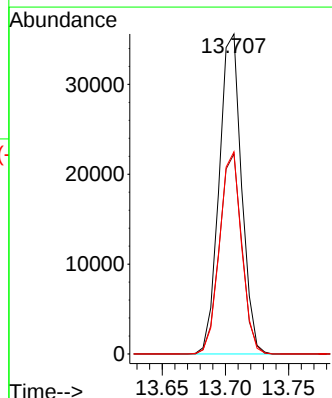
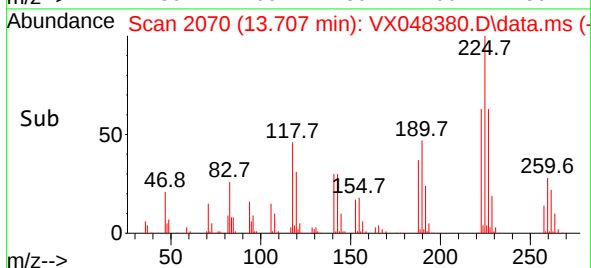
Reviewed By :John Carlone 10/28/2025
Supervised By :Mahesh Dadoda 10/28/2025

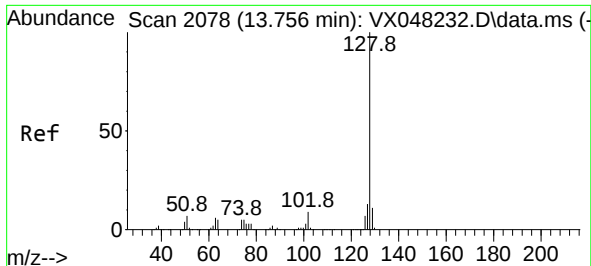


#94
Hexachlorobutadiene
Concen: 46.902 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07



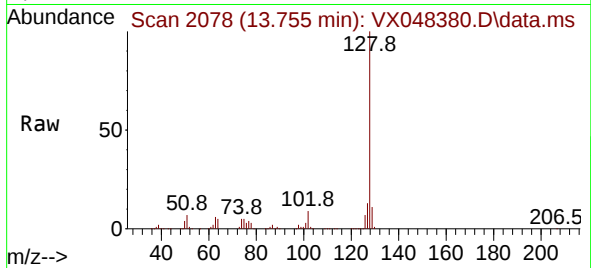
Tgt Ion:225 Resp: 43780
Ion Ratio Lower Upper
225 100
223 62.2 32.6 97.7
227 62.0 32.5 97.4





#95
Naphthalene
Concen: 45.206 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

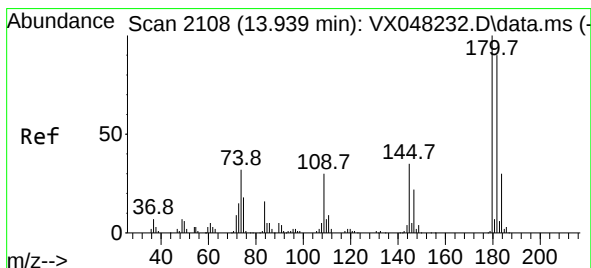
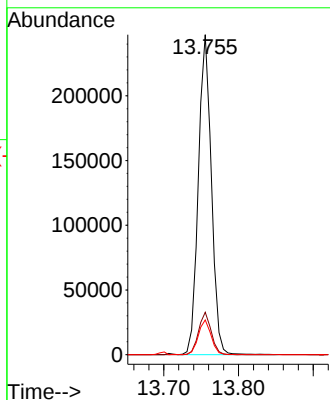
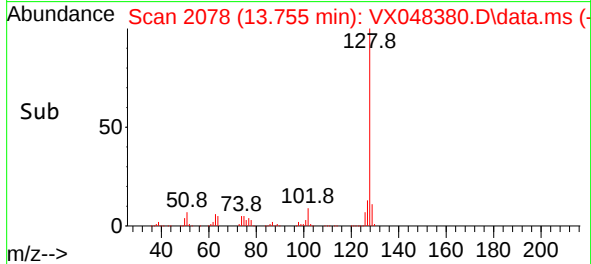
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 29836
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.7 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: 43.927 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048380.D
Acq: 27 Oct 2025 18:07

Tgt Ion:180 Resp: 100417
Ion Ratio Lower Upper
180 100
182 95.3 46.6 139.7
145 34.9 16.9 50.7

