

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110222\
 Data File : VX032527.D
 Acq On : 02 Nov 2022 10:57
 Operator : JC/MD
 Sample : VX1102MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102MBL01

Quant Time: Nov 03 03:07:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

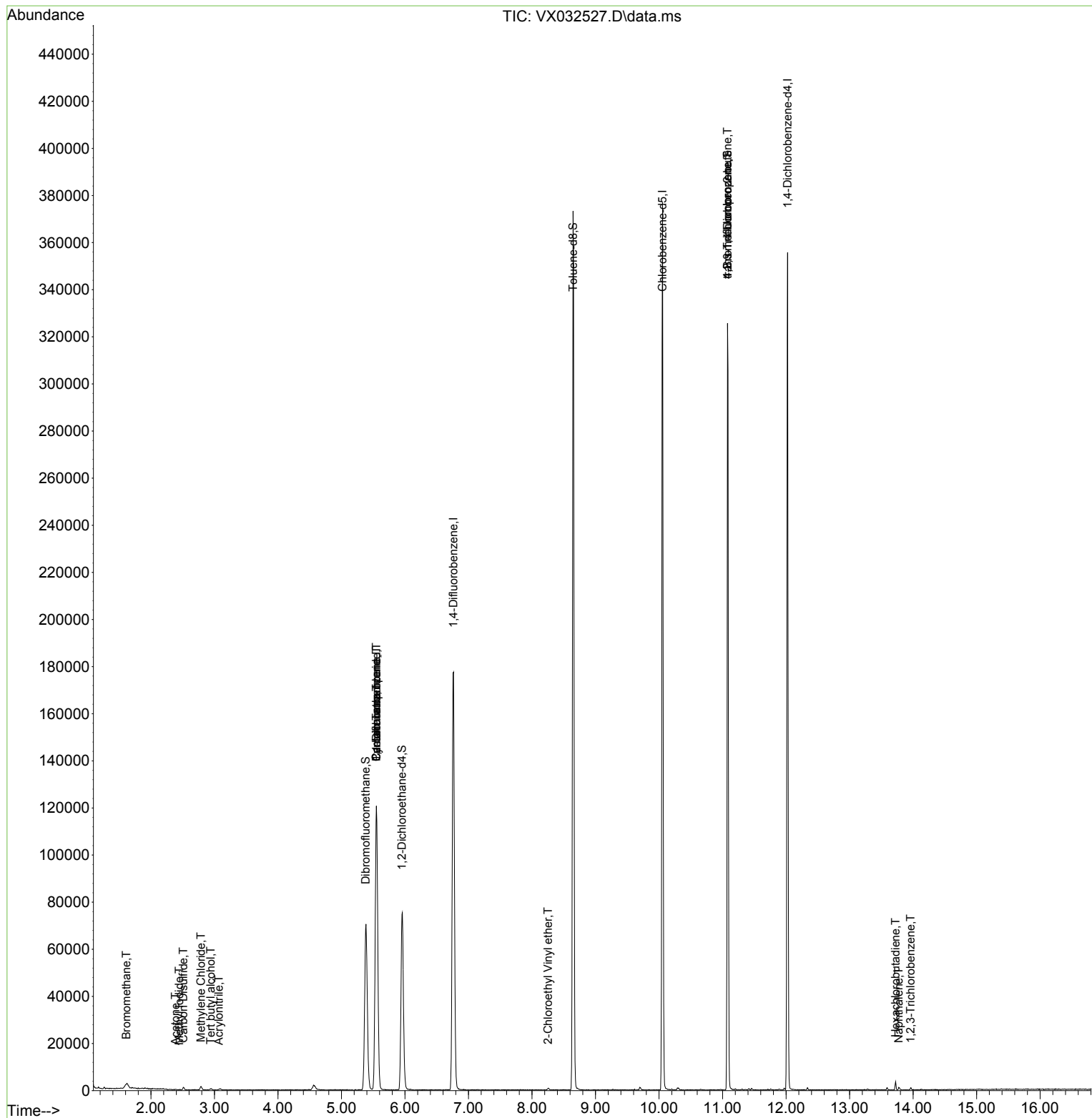
Internal Standards						
1) Pentafluorobenzene	5.550	168	113148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183325	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77465	49.273	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.540%		
35) Dibromofluoromethane	5.379	113	60106	45.964	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.920%		
50) Toluene-d8	8.647	98	217875	47.915	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.840%		
62) 4-Bromofluorobenzene	11.079	95	81055	45.634	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.260%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	285	0.294	ug/l	97
10) Methyl Iodide	2.447	142	129	2.008	ug/l #	90
11) Tert butyl alcohol	2.940	59	326	1.425	ug/l #	72
15) Acrylonitrile	3.068	53	193	0.311	ug/l #	60
16) Acetone	2.386	43	263	0.460	ug/l #	45
17) Carbon Disulfide	2.508	76	1298	0.480	ug/l #	74
20) Methylene Chloride	2.788	84	794	0.606	ug/l #	88
31) Cyclohexane	5.550	56	2473	1.297	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	8699	4.777	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11558	5.723	ug/l #	16
58) 2-Chloroethyl Vinyl ether	8.250	63	452	0.461	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	44925	28.269	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44925	89.953	ug/l #	6
94) Hexachlorobutadiene	13.725	225	580	0.825	ug/l	93
95) Naphthalene	13.774	128	1220	0.218	ug/l #	81
96) 1,2,3-Trichlorobenzene	13.963	180	377	0.220	ug/l	87

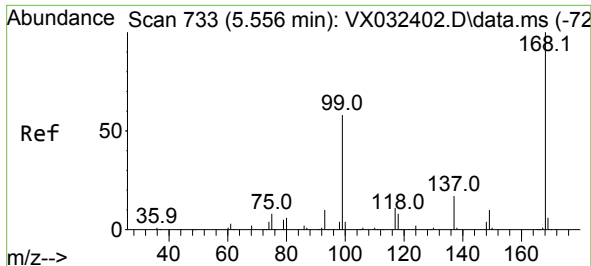
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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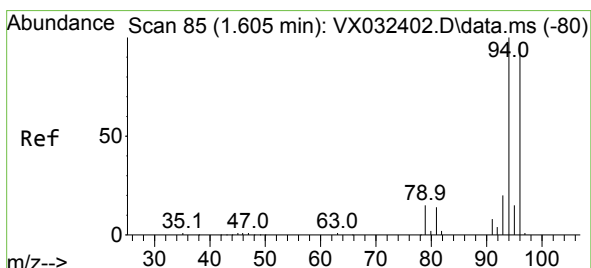
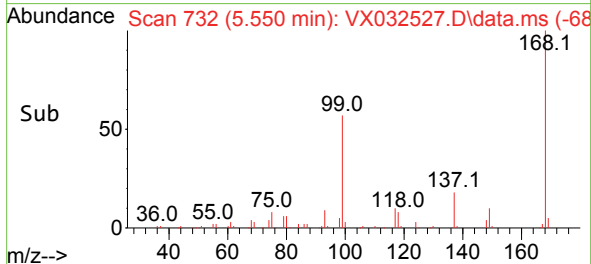
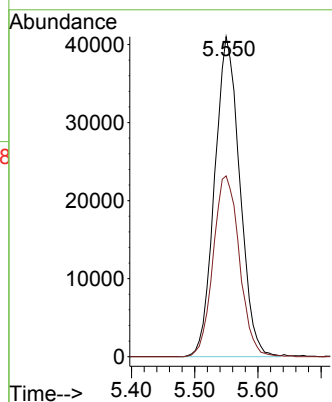
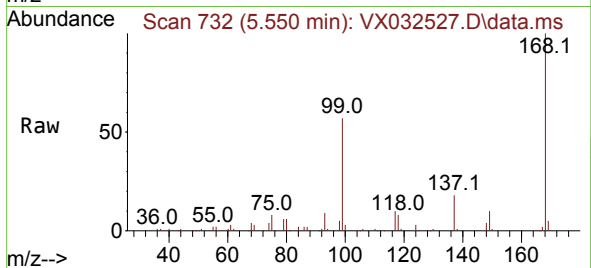




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

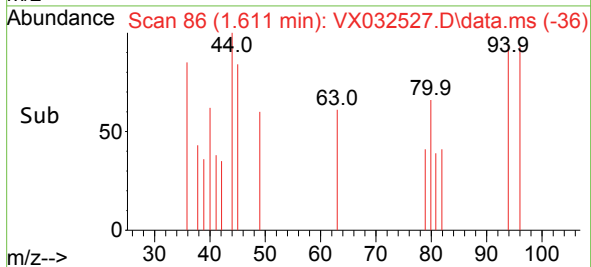
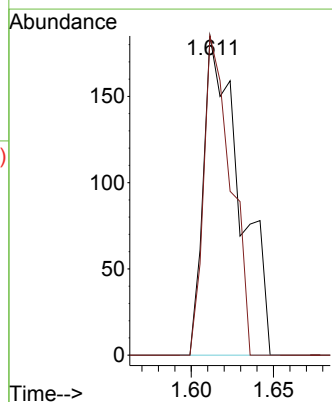
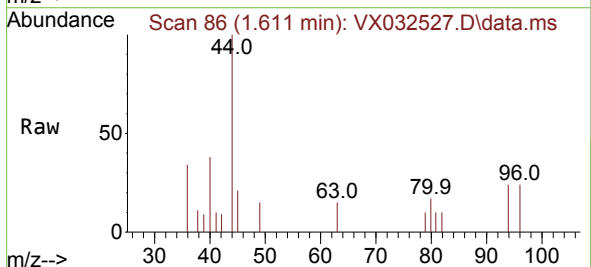
Instrument :
MSVOA_X
ClientSampleId :
VX1102MBL01

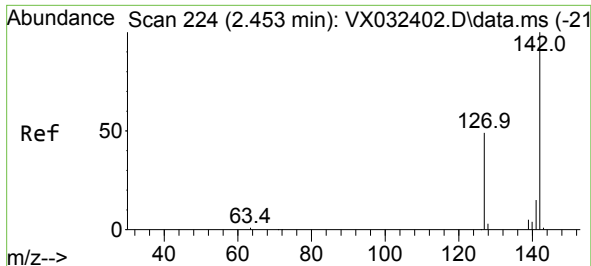
Tgt Ion:168 Resp: 113148
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#5
Bromomethane
Concen: 0.294 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

Tgt Ion: 94 Resp: 285
Ion Ratio Lower Upper
94 100
96 100.0 77.6 116.4

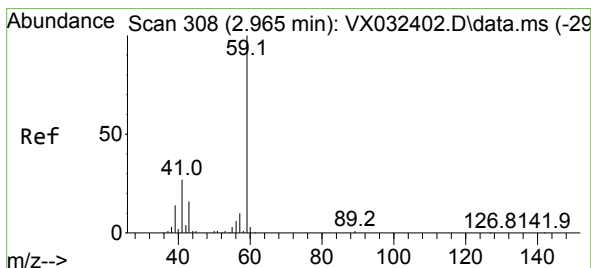
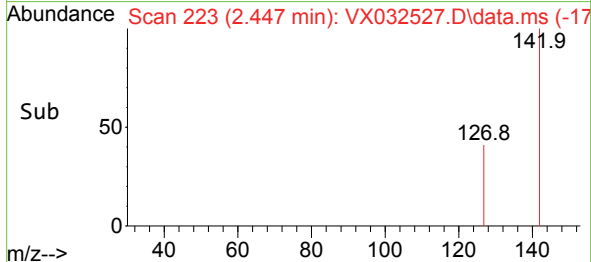
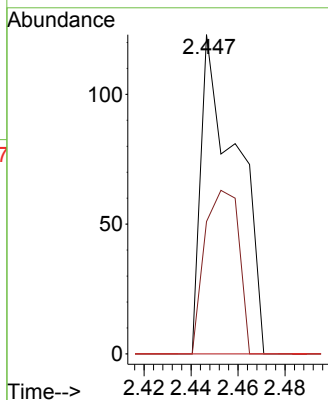
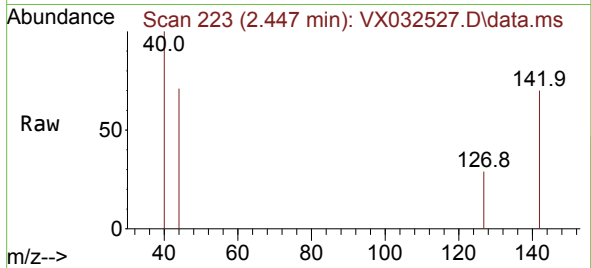




#10
Methyl Iodide
Concen: 2.008 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

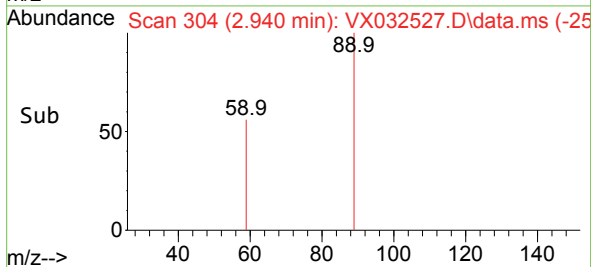
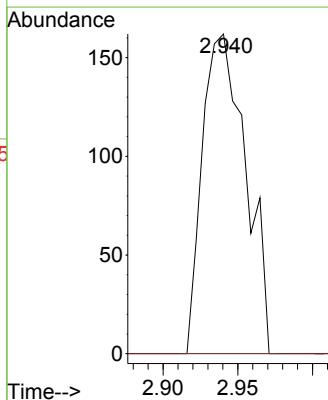
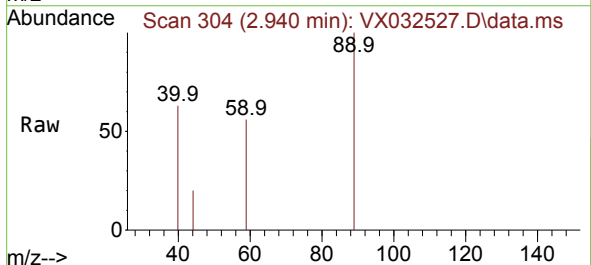
Instrument :
MSVOA_X
ClientSampleId :
VX1102MBL01

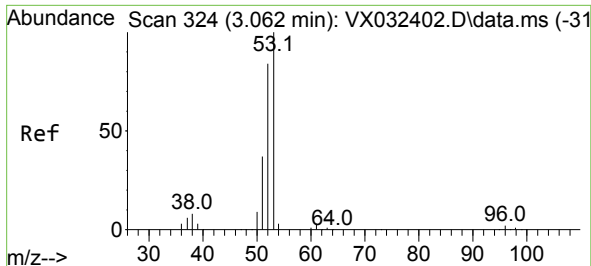
Tgt Ion:142 Resp: 129
Ion Ratio Lower Upper
142 100
127 49.6 38.6 57.8
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.425 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

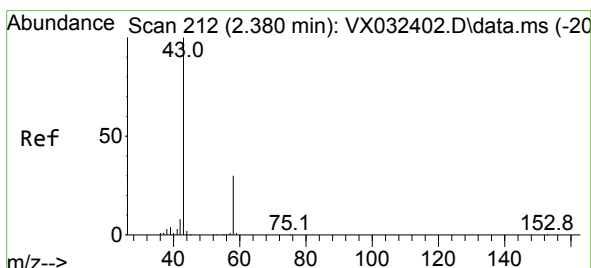
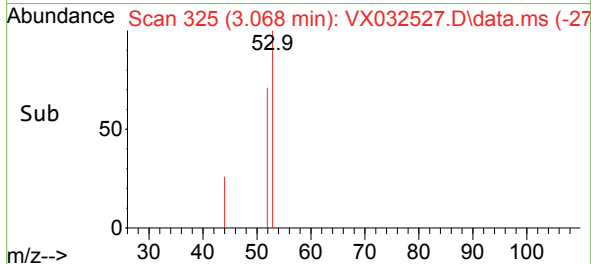
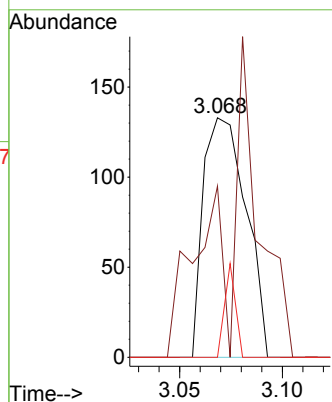
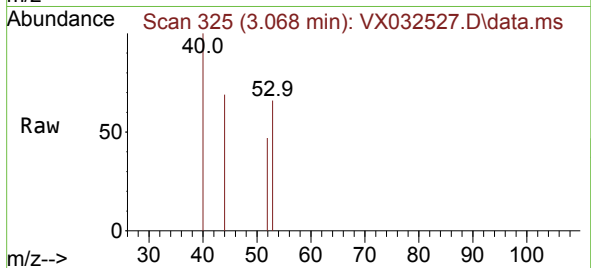




#15
Acrylonitrile
Concen: 0.311 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

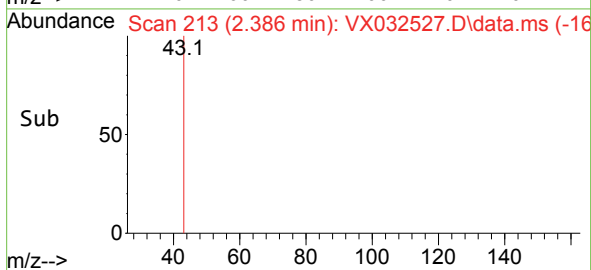
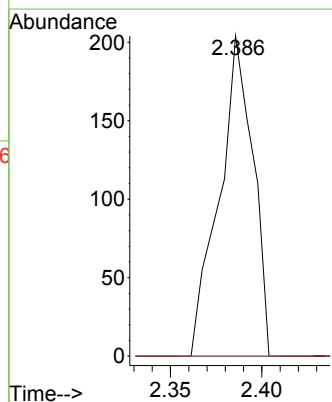
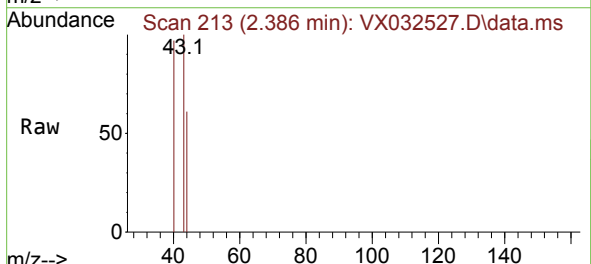
Instrument :
MSVOA_X
ClientSampleId :
VX1102MBL01

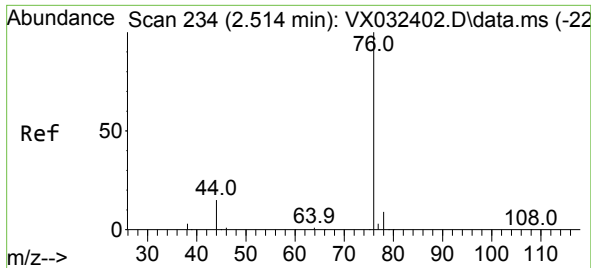
Tgt Ion: 53 Resp: 193
Ion Ratio Lower Upper
53 100
52 118.1 67.4 101.0#
51 9.8 30.3 45.5#



#16
Acetone
Concen: 0.460 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

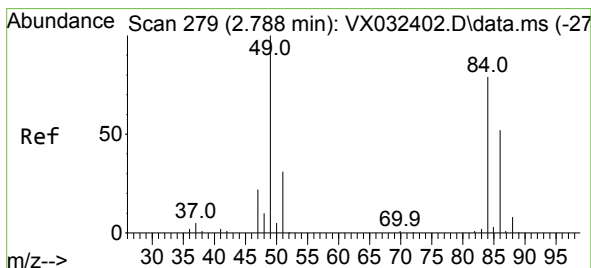
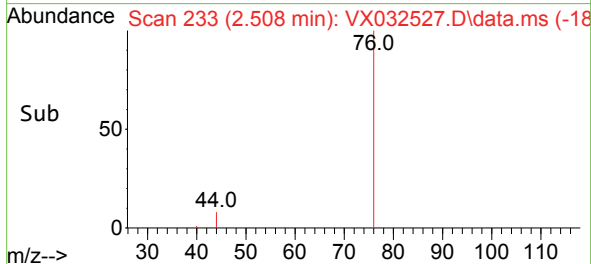
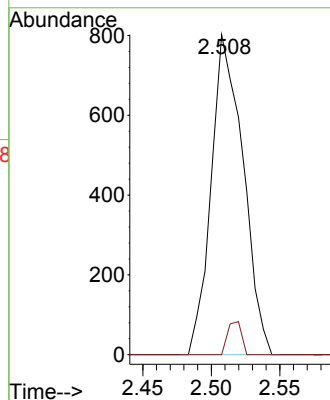
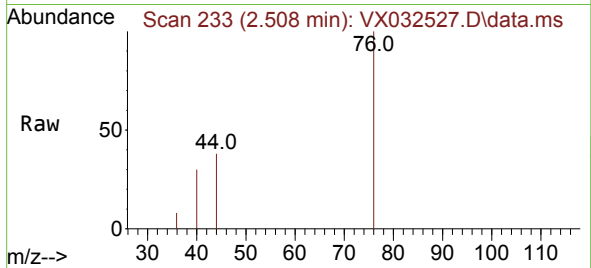




#17
Carbon Disulfide
Concen: 0.480 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

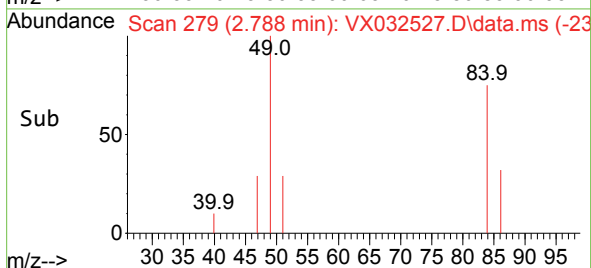
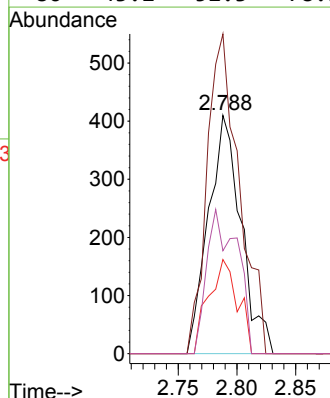
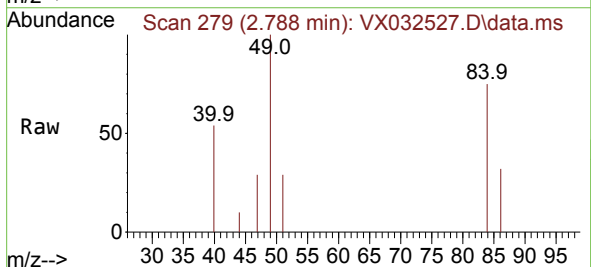
Instrument :
MSVOA_X
ClientSampleId :
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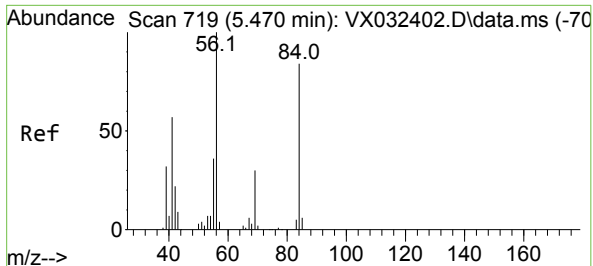
Tgt Ion: 76 Resp: 1298
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: 0.606 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

Tgt Ion: 84 Resp: 794
Ion Ratio Lower Upper
84 100
49 134.1 101.0 151.6
51 39.5 31.1 46.7
86 43.2 52.3 78.5#

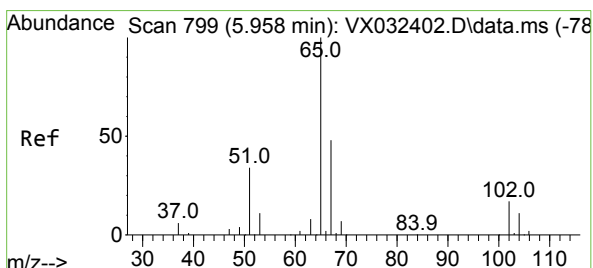
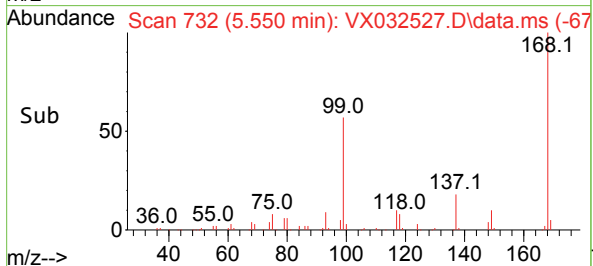
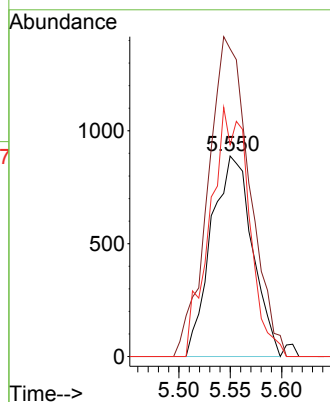
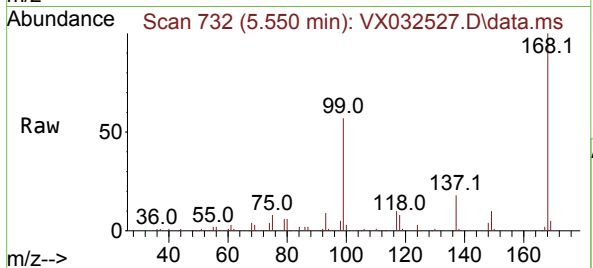




#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

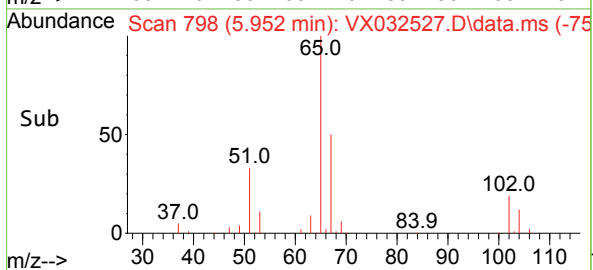
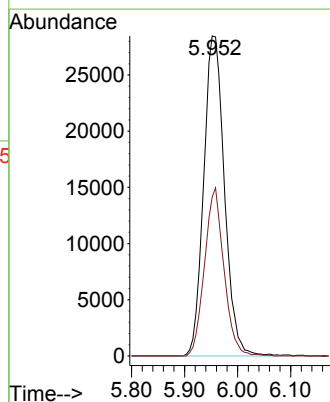
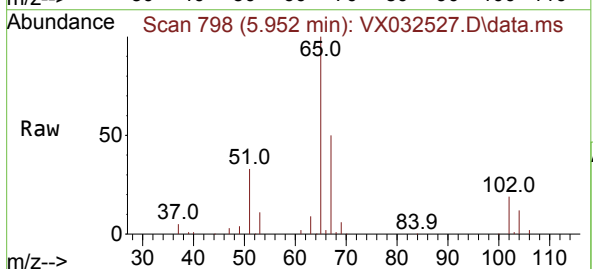
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ClientSampleId :
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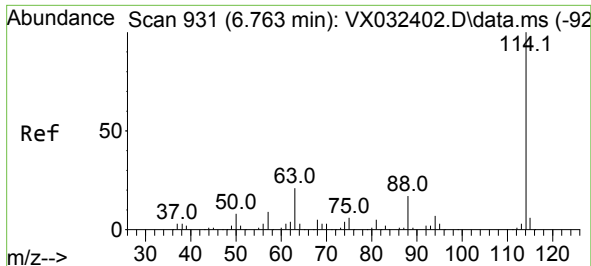
Tgt Ion: 56 Resp: 2473
Ion Ratio Lower Upper
56 100
69 145.9 24.1 36.1#
84 105.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.273 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

Tgt Ion: 65 Resp: 77465
Ion Ratio Lower Upper
65 100
67 49.1 0.0 101.8

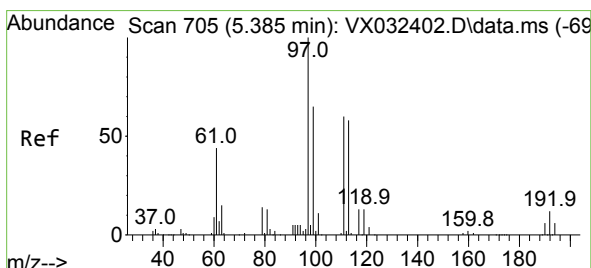
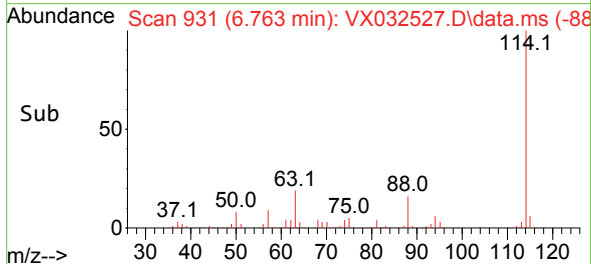
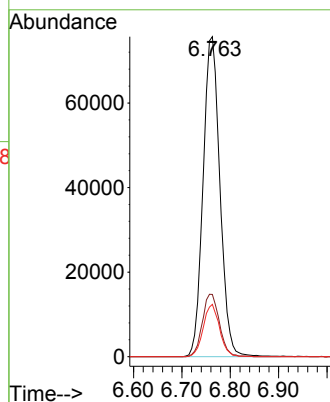
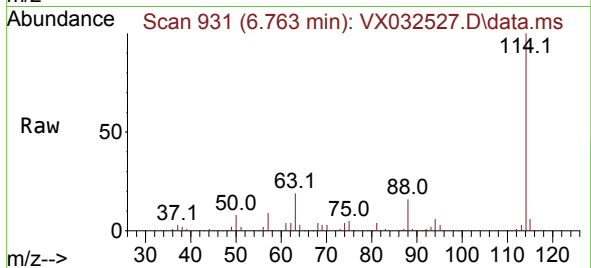




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

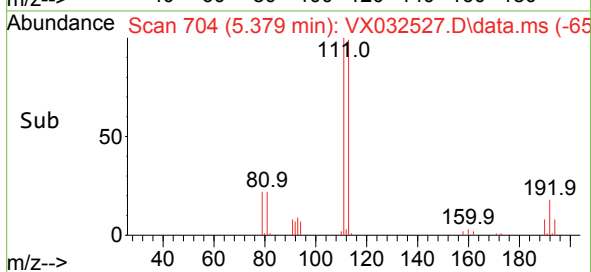
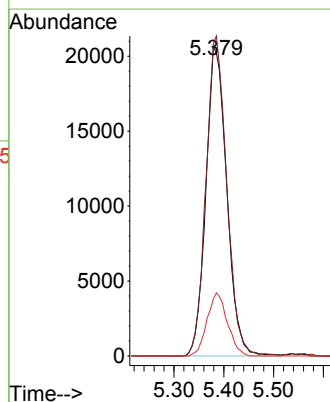
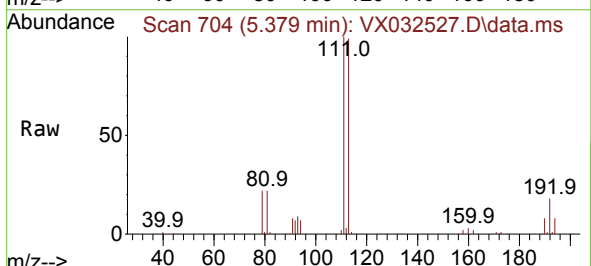
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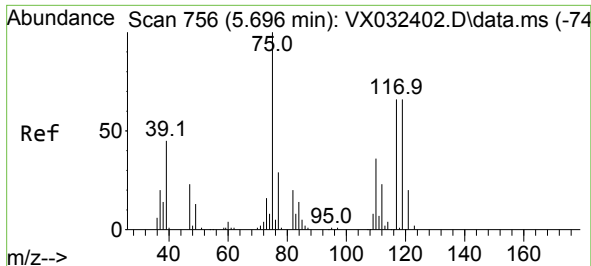
Tgt Ion:114 Resp: 183325
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.964 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

Tgt Ion:113 Resp: 60106
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.8 15.4 23.2

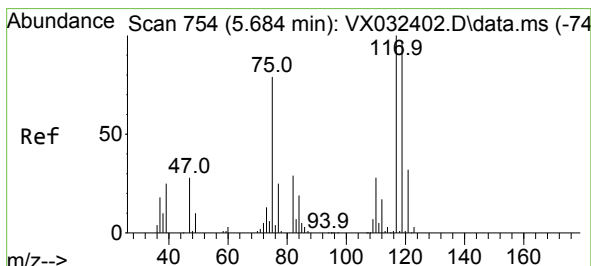
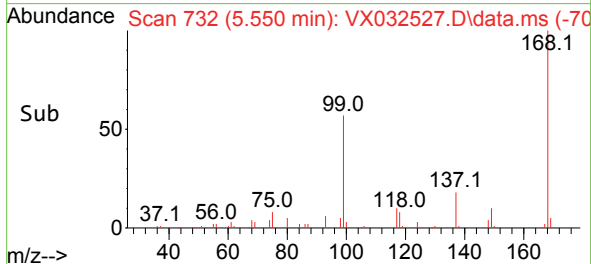
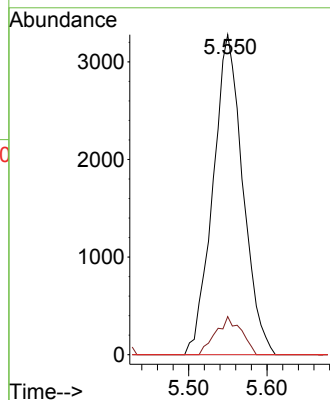
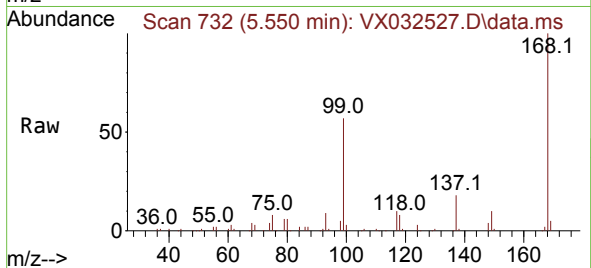




#36
1,1-Dichloropropene
Concen: 4.777 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

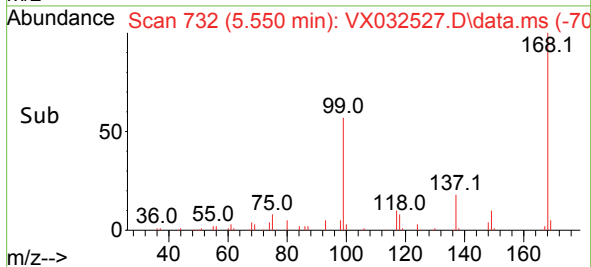
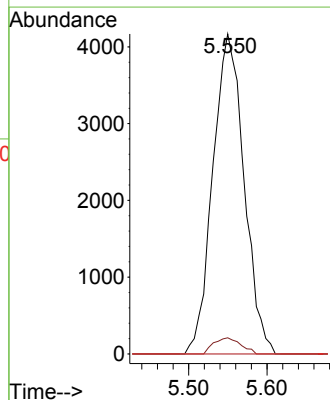
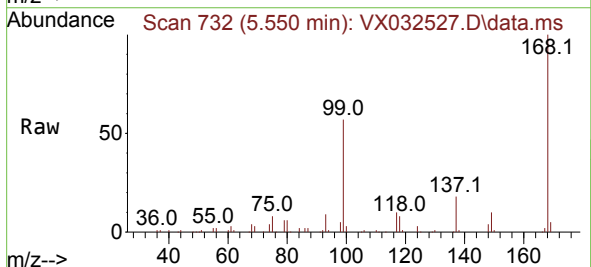
Instrument :
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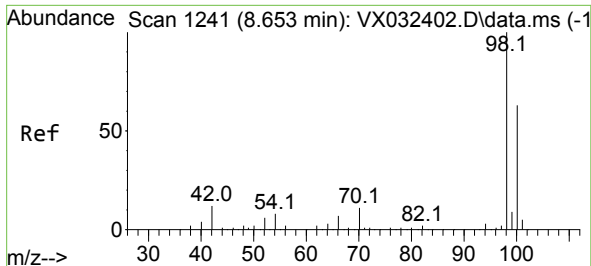
Tgt Ion: 75 Resp: 8699
Ion Ratio Lower Upper
75 100
110 10.2 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

Tgt Ion: 117 Resp: 11558
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 25.8 38.6#

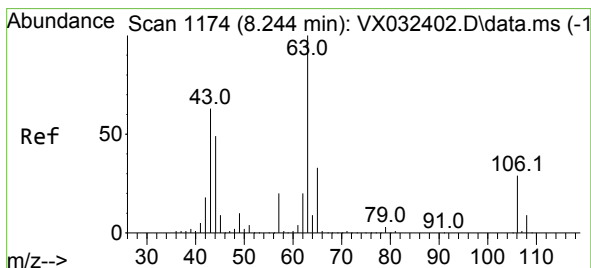
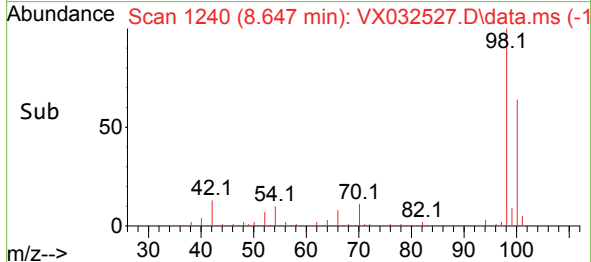
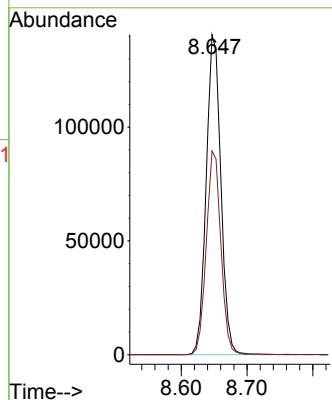
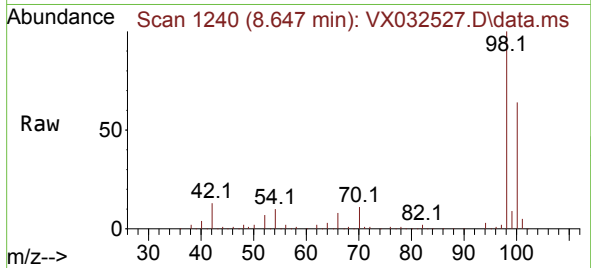




#50
Toluene-d8
Concen: 47.915 ug/l
RT: 8.647 min Scan# 1175
Delta R.T. -0.006 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

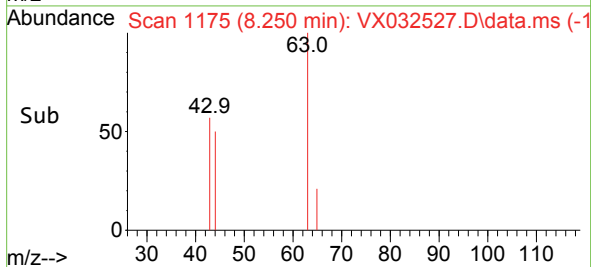
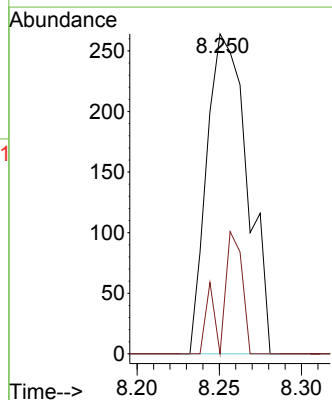
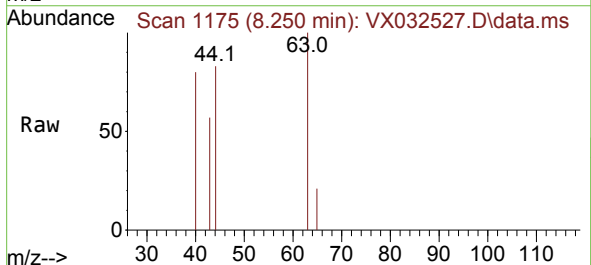
Instrument :
MSVOA_X
ClientSampleId :
VX1102MBL01

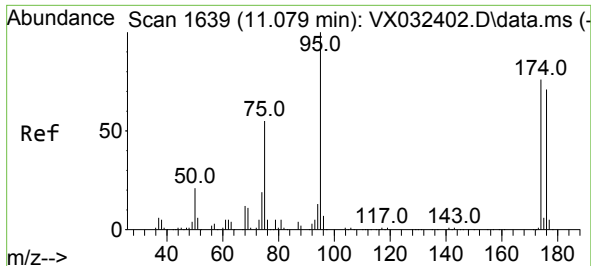
Tgt Ion: 98 Resp: 217875
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#58
2-Chloroethyl Vinyl ether
Concen: 0.461 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

Tgt Ion: 63 Resp: 452
Ion Ratio Lower Upper
63 100
106 19.7 23.3 34.9#

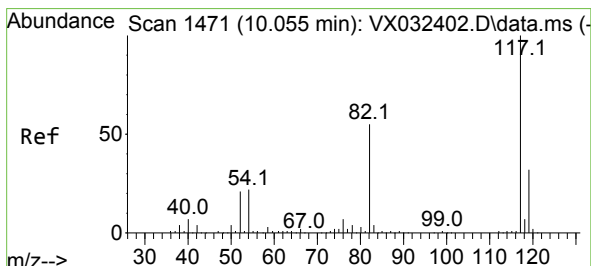
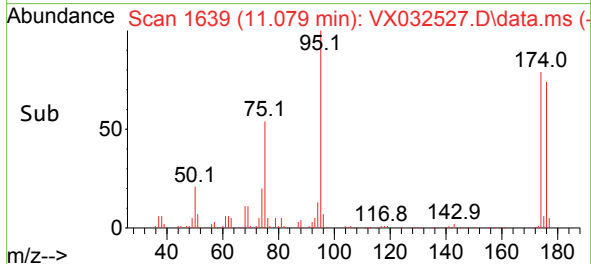
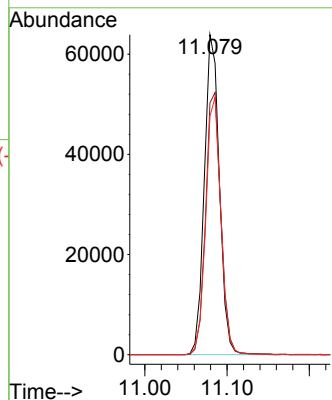
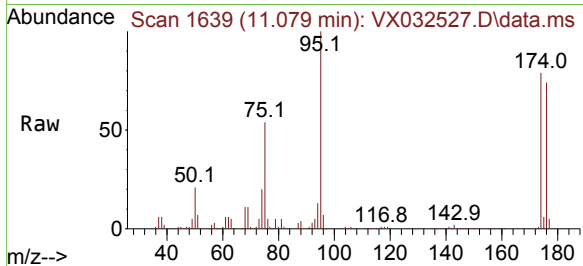




#62
4-Bromofluorobenzene
Concen: 45.634 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

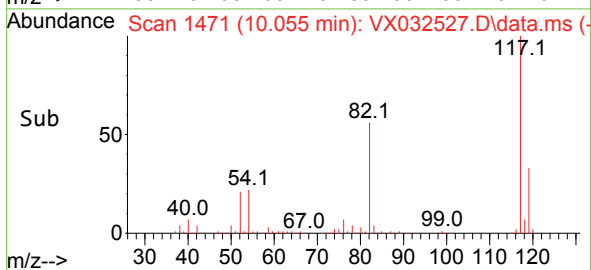
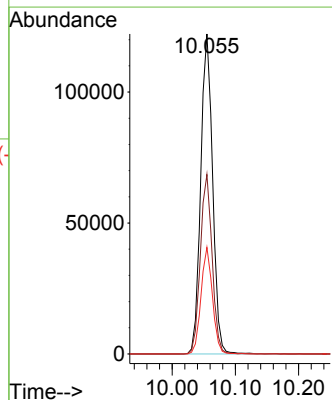
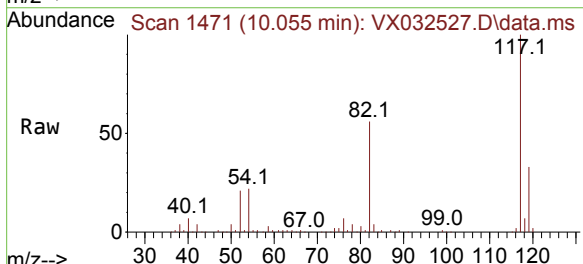
Instrument :
MSVOA_X
ClientSampleId :
VX1102MBL01

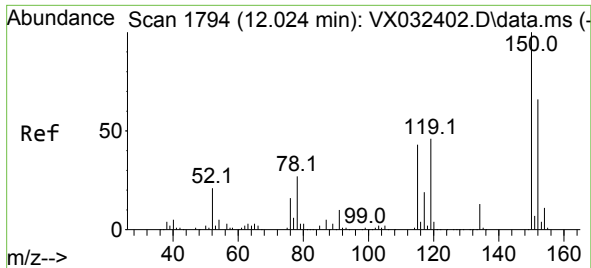
Tgt Ion: 95 Resp: 81055
Ion Ratio Lower Upper
95 100
174 83.6 0.0 164.0
176 80.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

Tgt Ion: 117 Resp: 160287
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 33.3 25.7 38.5

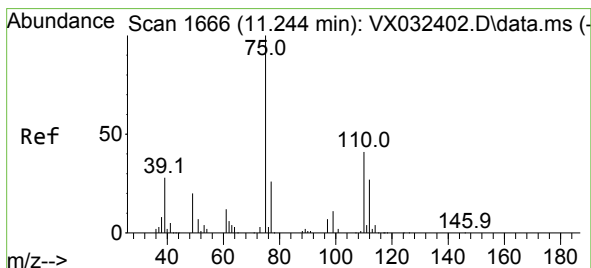
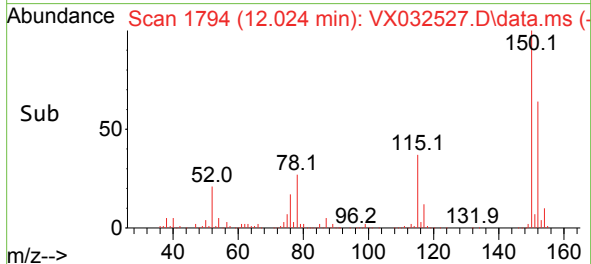
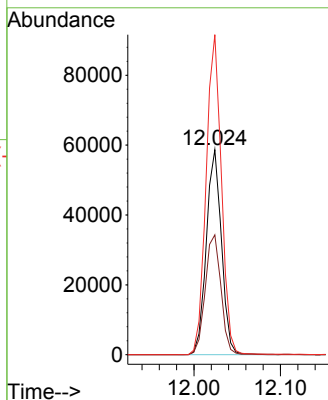
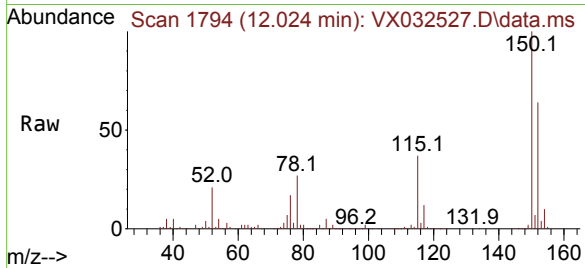




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032527.D
 Acq: 02 Nov 2022 10:57

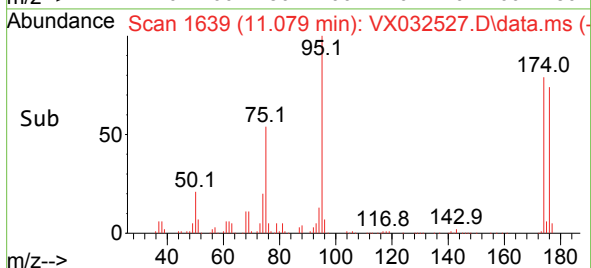
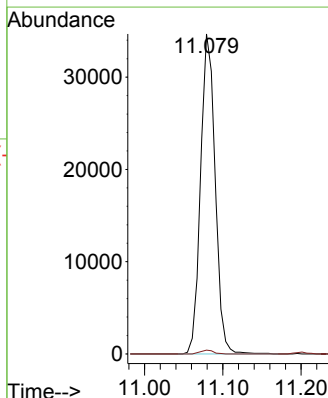
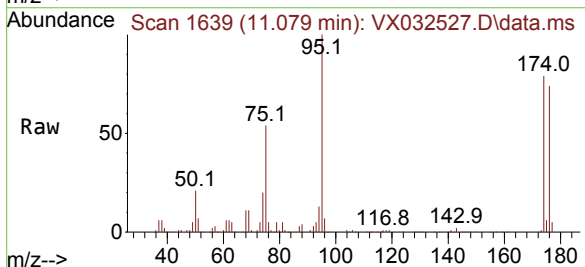
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102MBL01

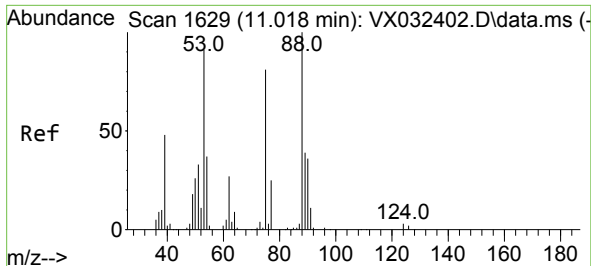
Tgt Ion:152 Resp: 71432
 Ion Ratio Lower Upper
 152 100
 115 60.5 44.0 132.0
 150 157.4 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 28.269 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032527.D
 Acq: 02 Nov 2022 10:57

Tgt Ion: 75 Resp: 44925
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 60.0#

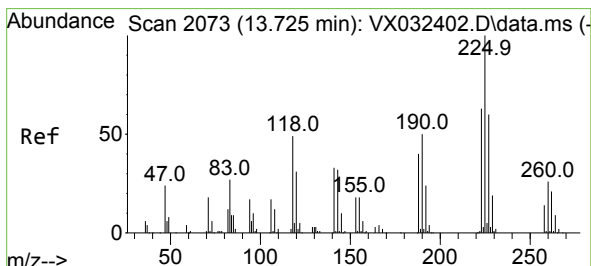
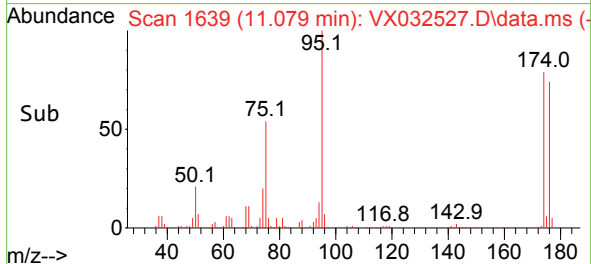
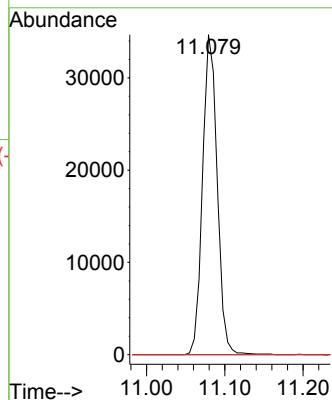
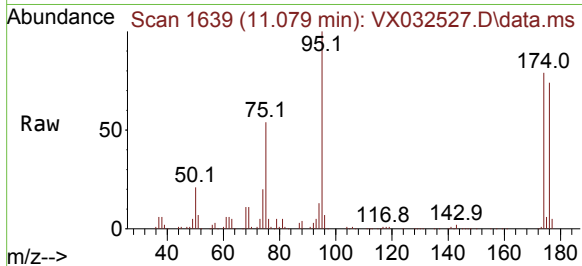




#81
trans-1,4-Dichloro-2-butene
Concen: 89.953 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

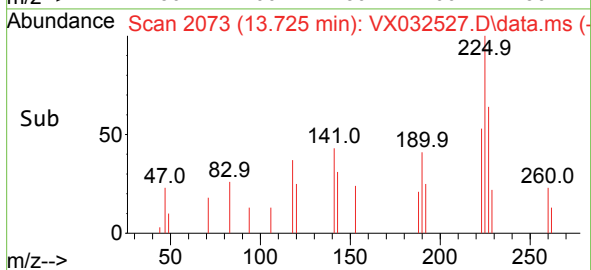
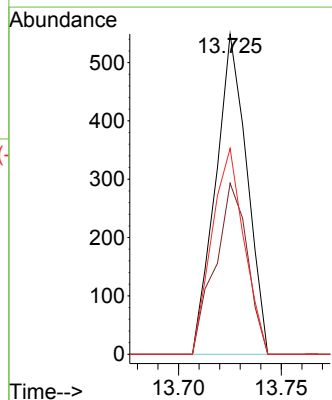
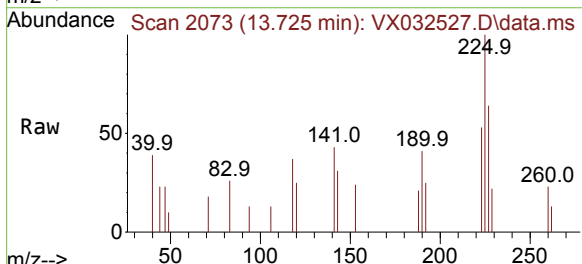
Instrument :
MSVOA_X
ClientSampleId :
VX1102MBL01

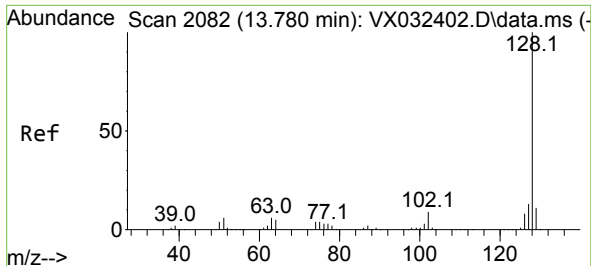
Tgt Ion: 75 Resp: 44925
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.825 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

Tgt Ion: 225 Resp: 580
Ion Ratio Lower Upper
225 100
223 55.2 31.9 95.9
227 66.2 31.9 95.5

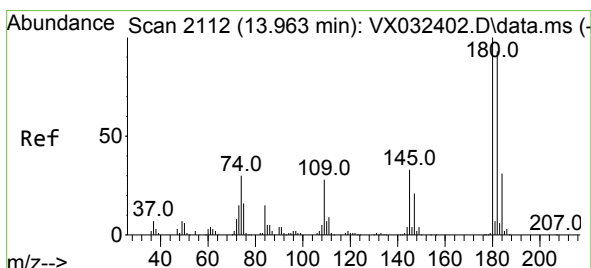
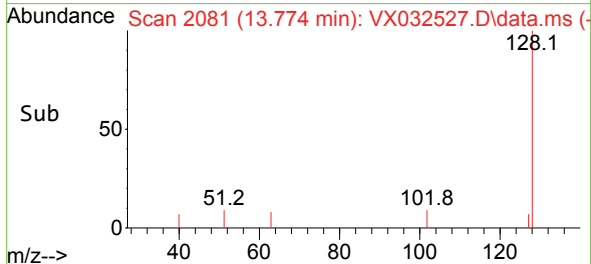
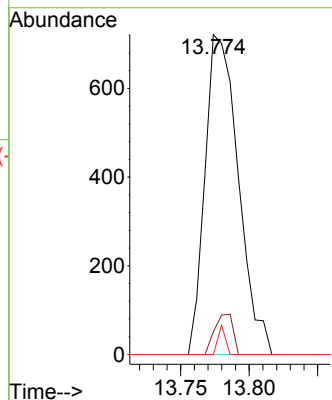
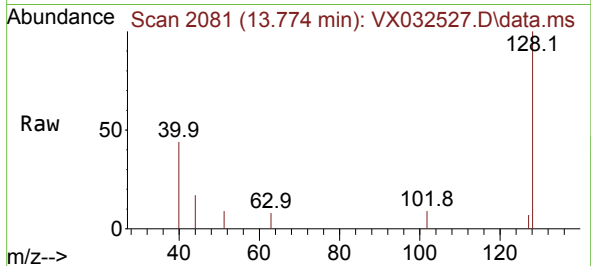




#95
Naphthalene
Concen: 0.218 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX1102MBL01

Tgt Ion:128 Resp: 1220
Ion Ratio Lower Upper
128 100
127 7.0 10.2 15.4#
129 2.0 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 0.220 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032527.D
Acq: 02 Nov 2022 10:57

Tgt Ion:180 Resp: 377
Ion Ratio Lower Upper
180 100
182 88.3 47.5 142.6
145 17.2 16.9 50.6

