

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035282.D
 Acq On : 25 Apr 2023 14:40
 Operator : JC/MD
 Sample : VX0425MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBL01

Quant Time: Apr 25 16:42:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

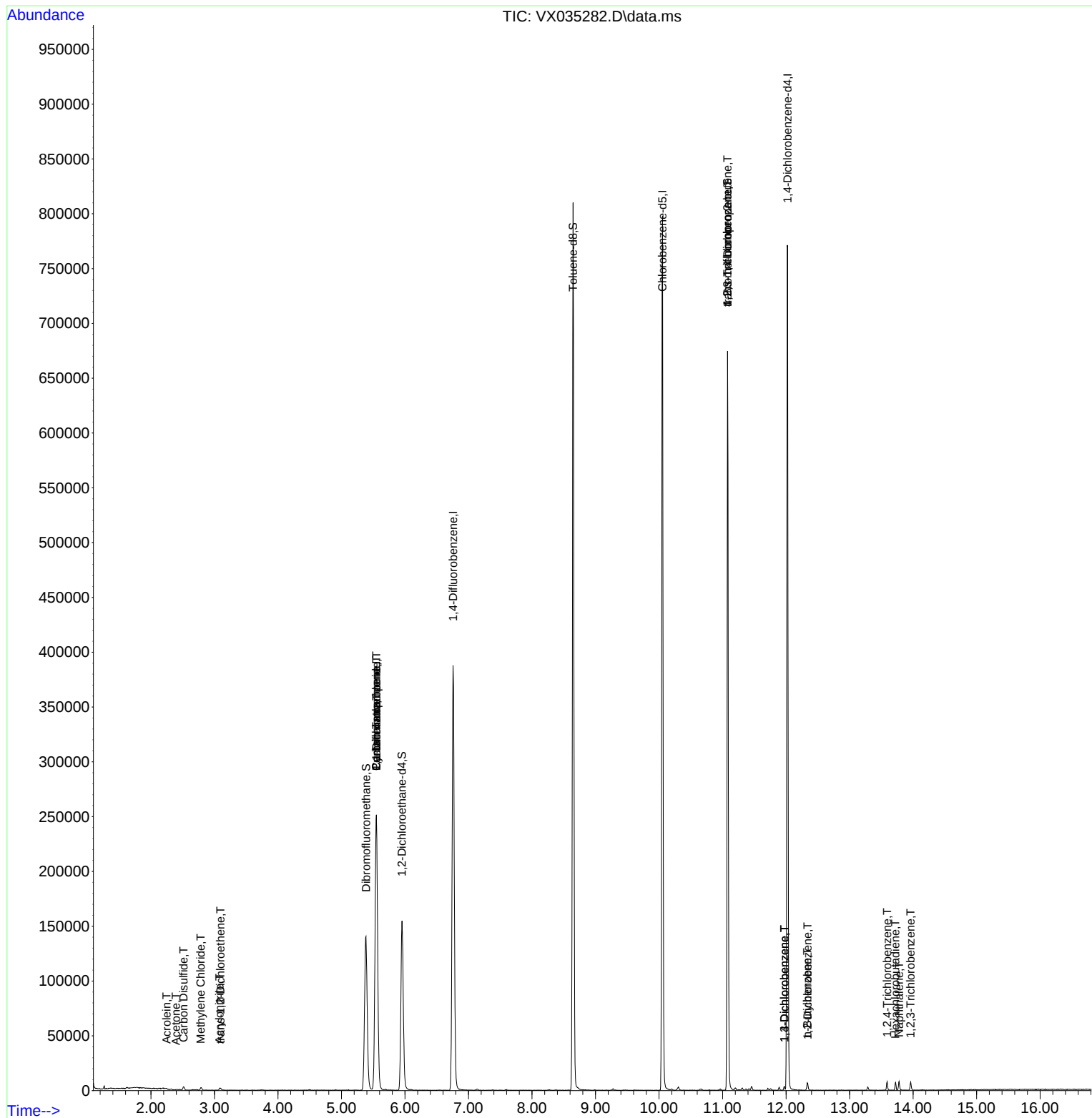
Internal Standards						
1) Pentafluorobenzene	5.550	168	246026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	404727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	145545	49.035	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.080%		
35) Dibromofluoromethane	5.385	113	125594	50.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.120%		
50) Toluene-d8	8.647	98	480081	51.231	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.460%		
62) 4-Bromofluorobenzene	11.079	95	183639	52.094	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.180%		
Target Compounds					Qvalue	
13) Acrolein	2.245	56	456	0.858	ug/l #	76
15) Acrylonitrile	3.081	53	645	0.477	ug/l	87
16) Acetone	2.392	43	374	0.290	ug/l #	44
17) Carbon Disulfide	2.514	76	3995	0.697	ug/l #	92
20) Methylene Chloride	2.782	84	1144	0.387	ug/l #	80
21) trans-1,2-Dichloroethene	3.093	96	593	0.228	ug/l #	72
31) Cyclohexane	5.550	56	5269	1.251	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18321	4.723	ug/l #	50
38) Carbon Tetrachloride	5.550	117	25301	6.871	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	88962	25.424	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	88962	82.344	ug/l #	8
87) 1,3-Dichlorobenzene	11.975	146	1343	0.222	ug/l	96
88) 1,4-Dichlorobenzene	11.975	146	1343	0.211	ug/l	96
89) n-Butylbenzene	12.335	91	2122	0.222	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	1328	0.219	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	2342	0.615	ug/l	87
94) Hexachlorobutadiene	13.719	225	1129	0.676	ug/l	90
95) Naphthalene	13.780	128	5519	0.471	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	2249	0.587	ug/l	93

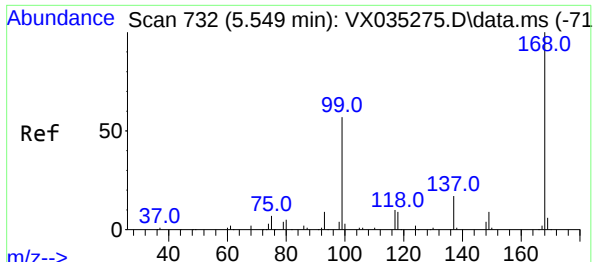
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX035282.D
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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

Quant Time: Apr 25 16:42:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

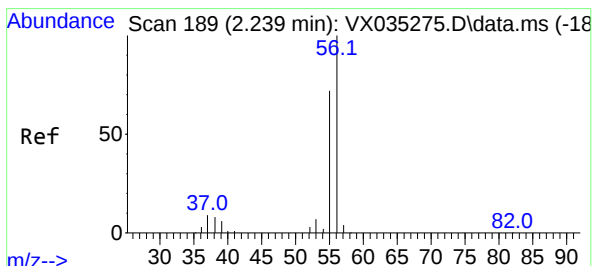
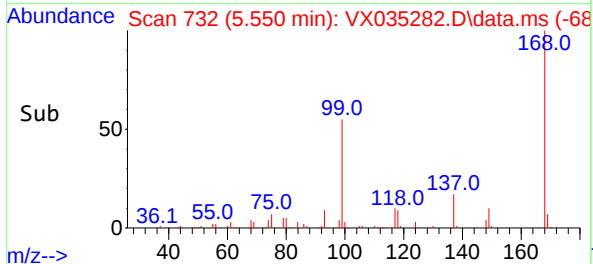
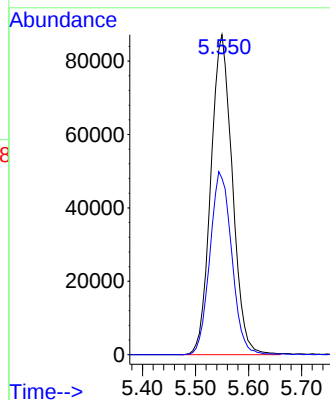
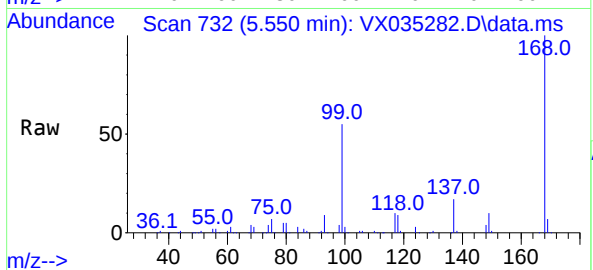




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

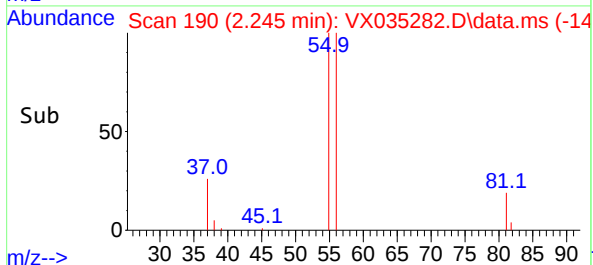
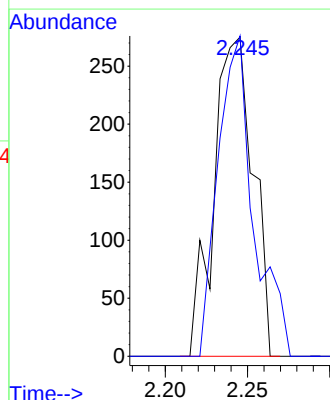
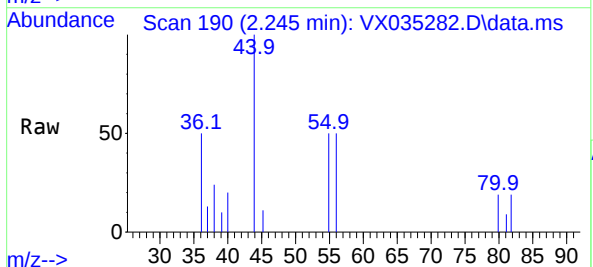
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

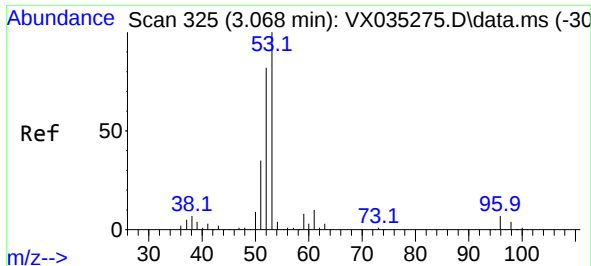
Tgt Ion:168 Resp: 246026
Ion Ratio Lower Upper
168 100
99 55.1 45.7 68.5



#13
Acrolein
Concen: 0.858 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

Tgt Ion: 56 Resp: 456
Ion Ratio Lower Upper
56 100
55 90.6 56.6 85.0#

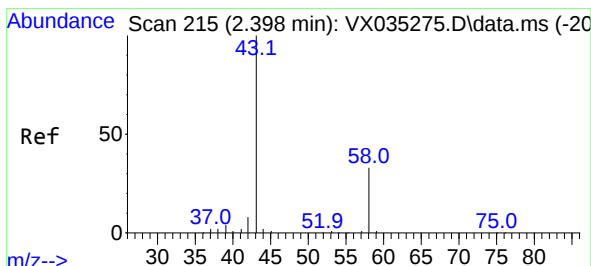
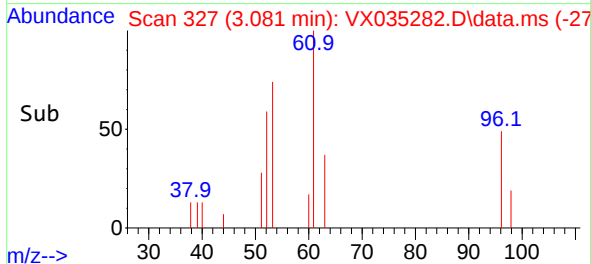
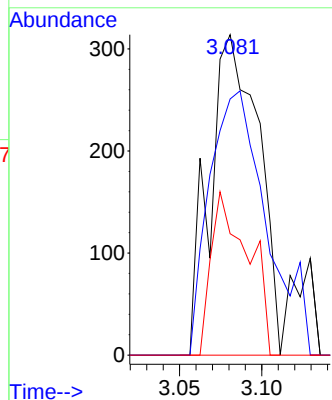
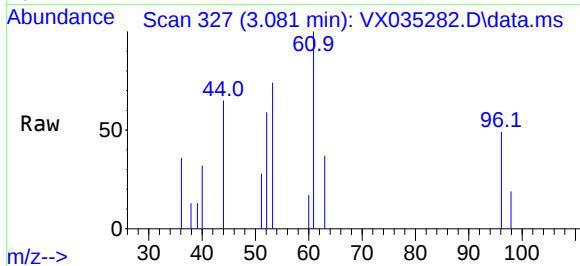




#15
Acrylonitrile
Concen: 0.477 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

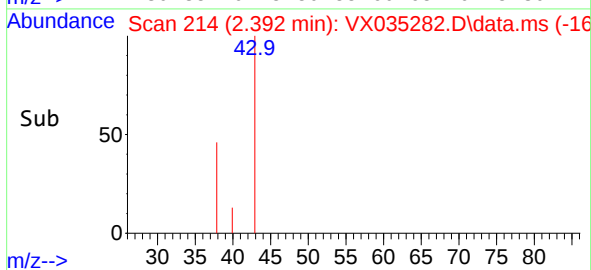
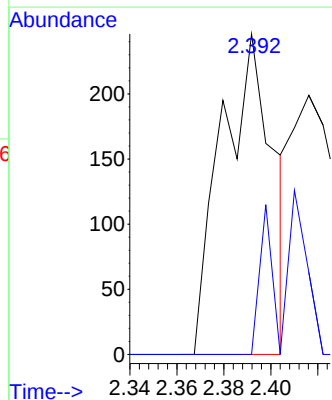
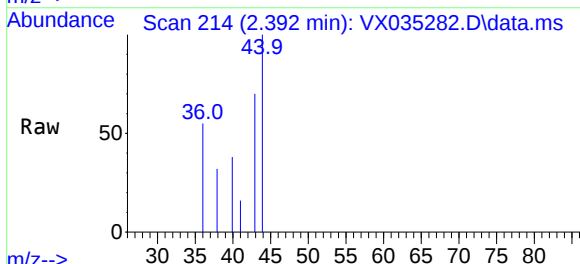
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

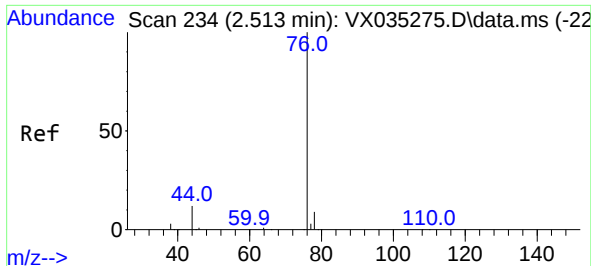
Tgt Ion: 53	Resp: 645
Ion Ratio	Lower Upper
53 100	
52 96.9	66.2 99.2
51 38.9	28.3 42.5



#16
Acetone
Concen: 0.290 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

Tgt Ion: 43	Resp:	374	
Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.7	37.1#

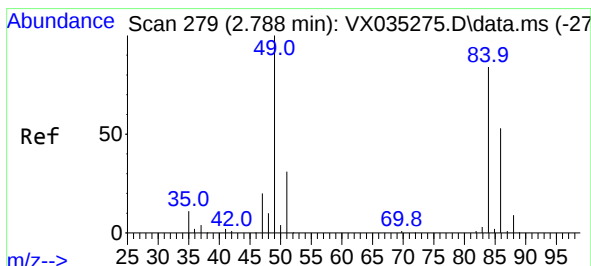
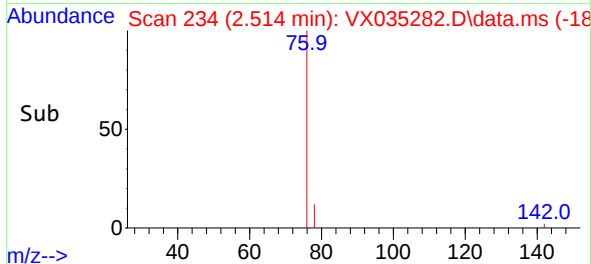
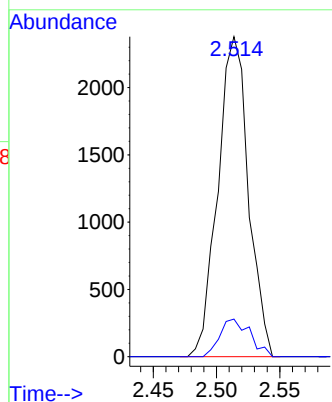
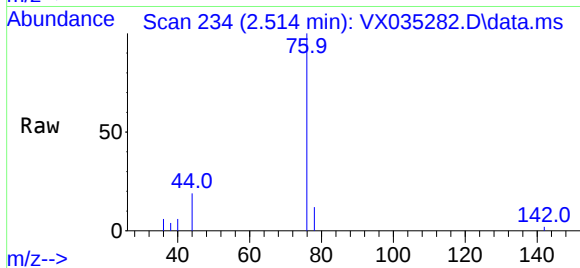




#17
Carbon Disulfide
Concen: 0.697 ug/l
RT: 2.514 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

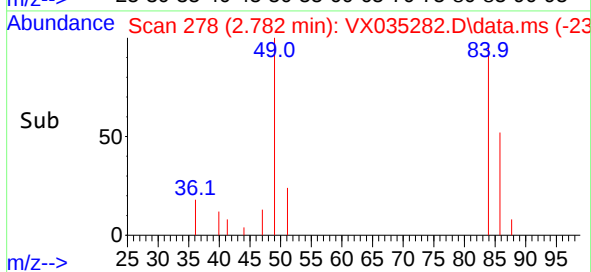
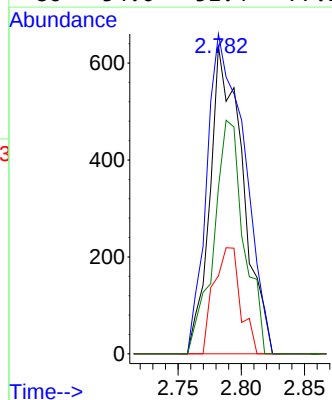
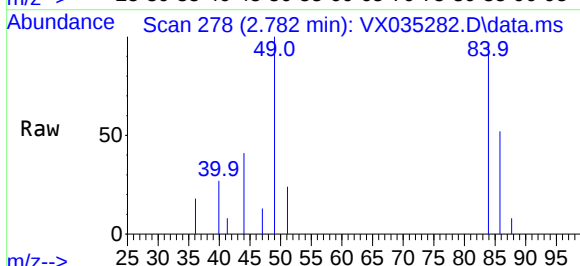
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

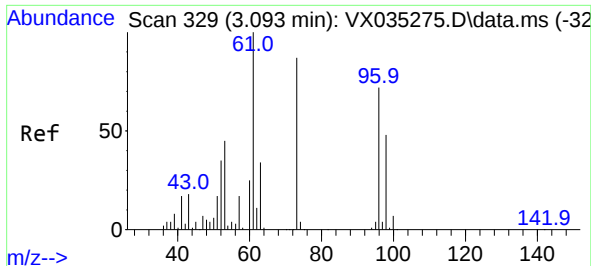
Tgt Ion: 76 Resp: 3995
Ion Ratio Lower Upper
76 100
78 11.8 7.2 10.8#



#20
Methylene Chloride
Concen: 0.387 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

Tgt Ion: 84 Resp: 1144
Ion Ratio Lower Upper
84 100
49 103.9 103.8 155.8
51 25.4 31.8 47.8#
86 54.0 51.4 77.2

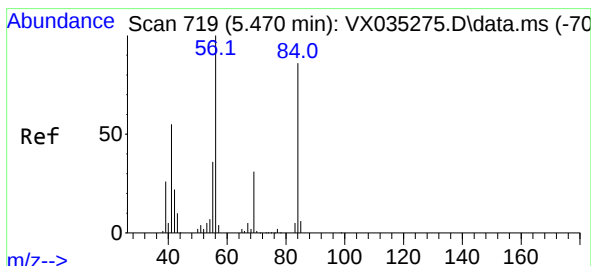
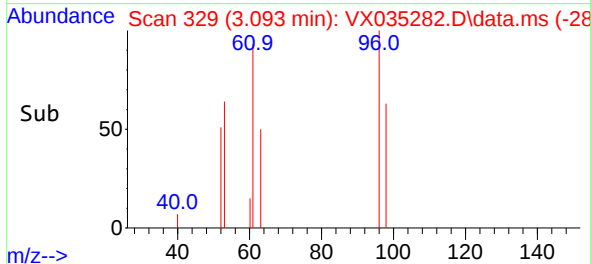
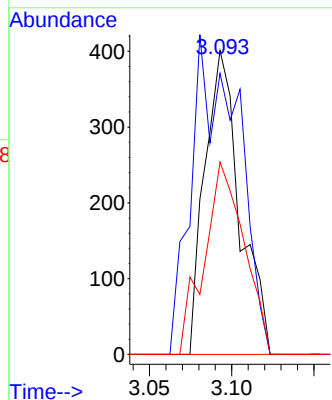
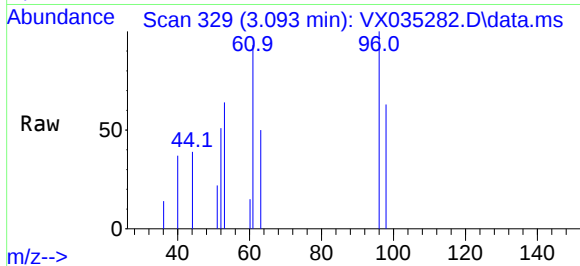




#21
trans-1,2-Dichloroethene
Concen: 0.228 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

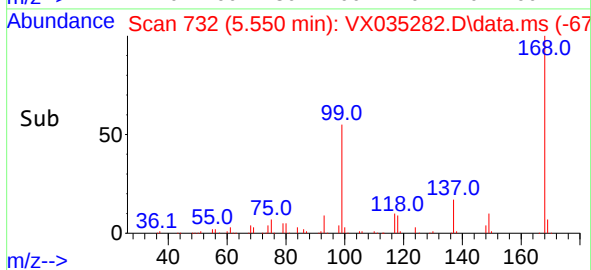
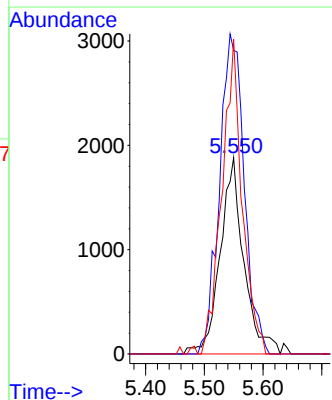
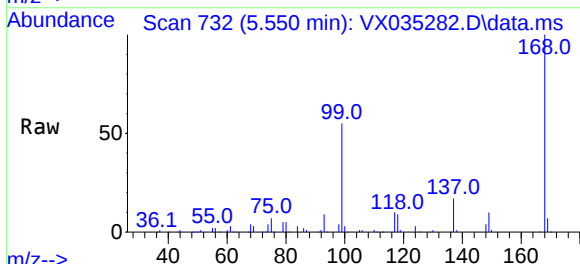
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

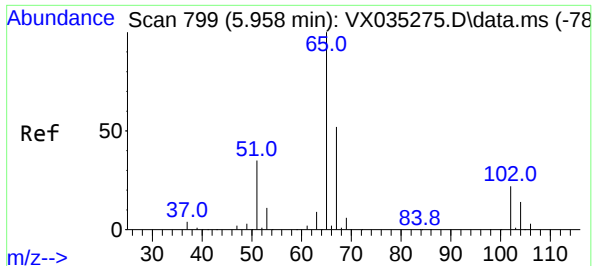
Tgt Ion: 96 Resp: 593
Ion Ratio Lower Upper
96 100
61 92.5 113.0 169.6#
98 63.3 52.1 78.1



#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

Tgt Ion: 56 Resp: 5269
Ion Ratio Lower Upper
56 100
69 154.6 23.7 35.5#
84 160.2 68.5 102.7#

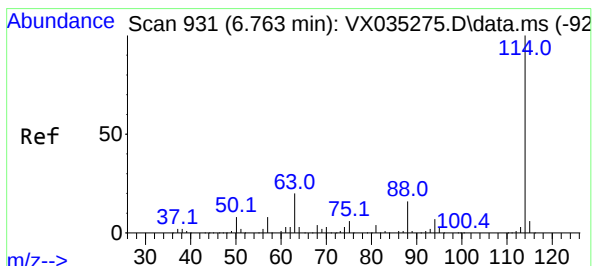
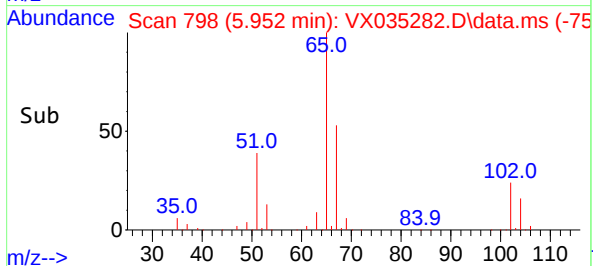
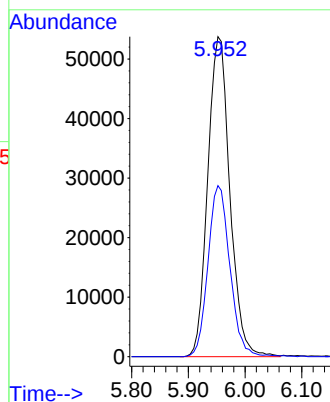
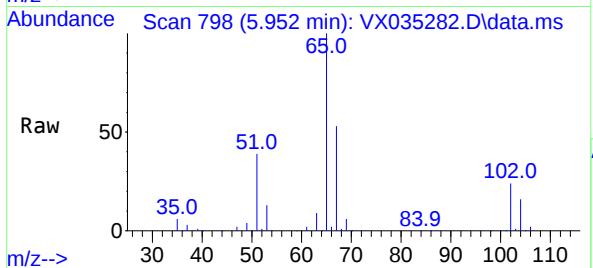




#33
1,2-Dichloroethane-d4
Concen: 49.035 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

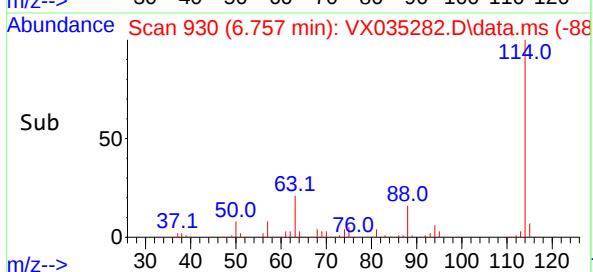
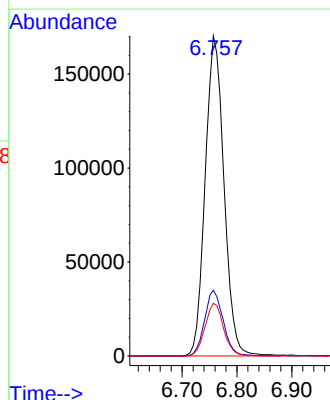
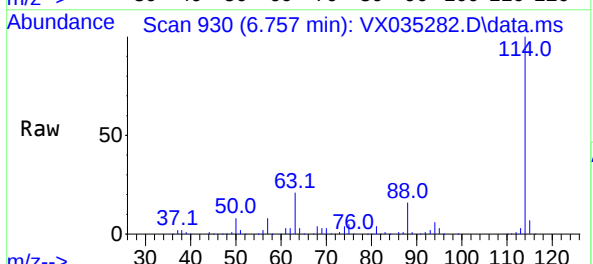
Instrument :
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ClientSampleId :
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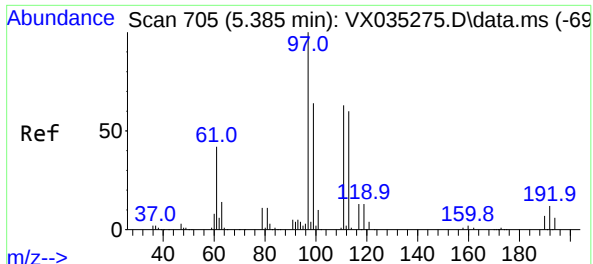
Tgt Ion: 65 Resp: 145545
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

Tgt Ion: 114 Resp: 404727
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.2
88 16.4 0.0 33.2

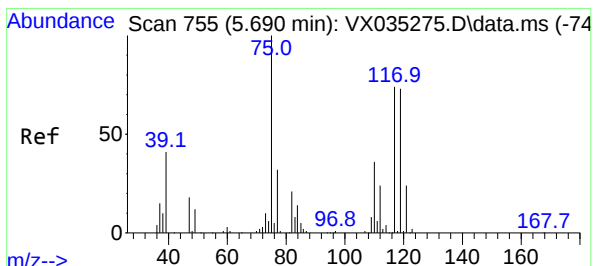
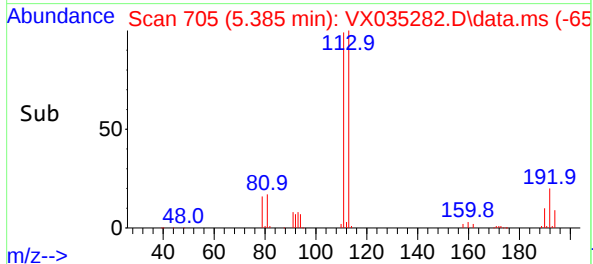
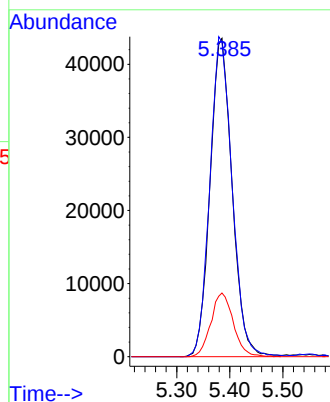
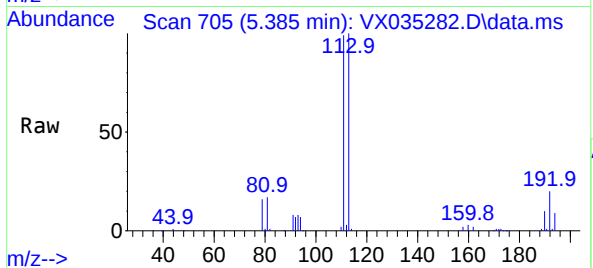




#35
Dibromofluoromethane
Concen: 50.559 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

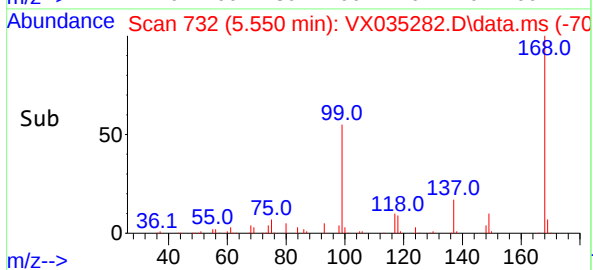
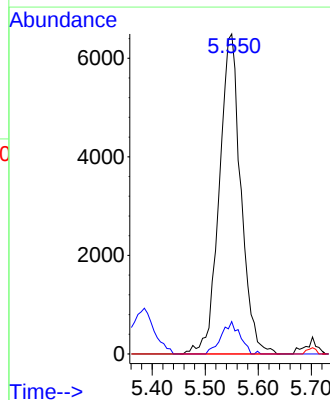
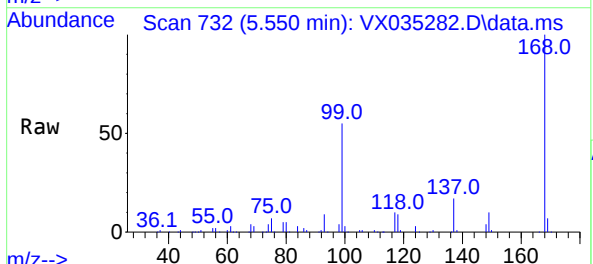
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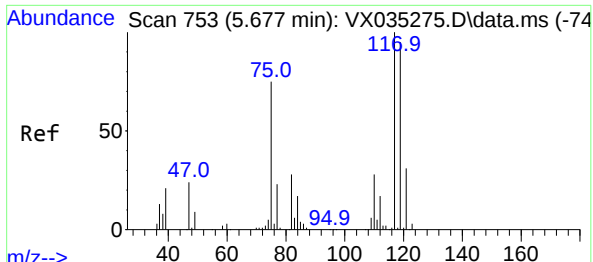
Tgt Ion:113 Resp: 125594
Ion Ratio Lower Upper
113 100
111 101.5 83.7 125.5
192 20.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

Tgt Ion: 75 Resp: 18321
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.3 36.5#

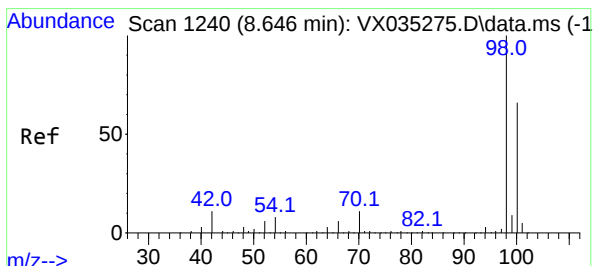
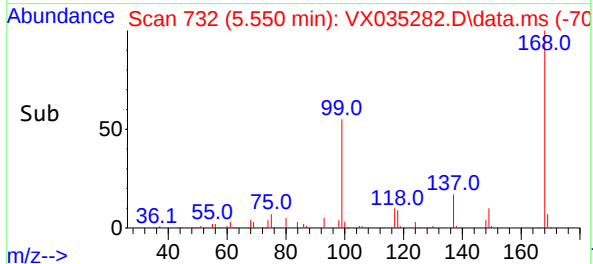
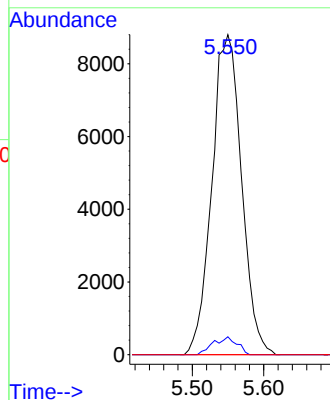
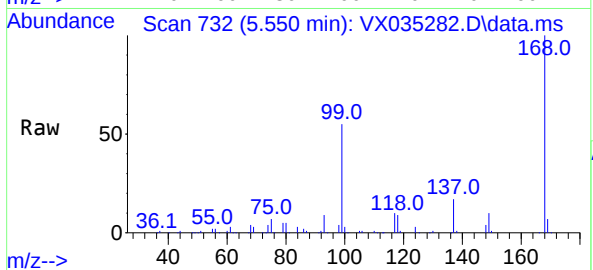




#38
Carbon Tetrachloride
Concen: 6.871 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

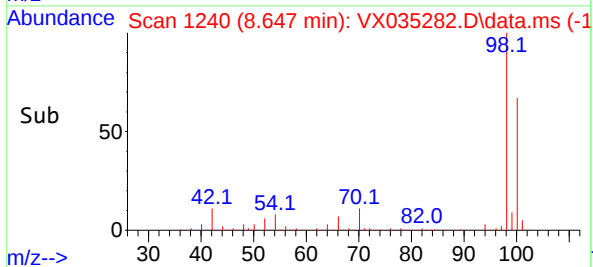
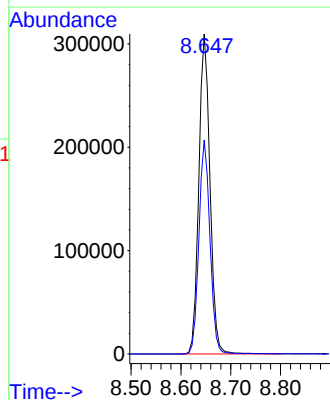
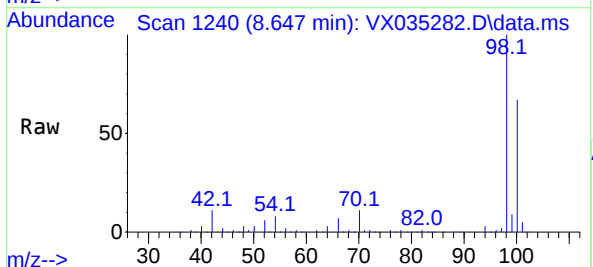
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

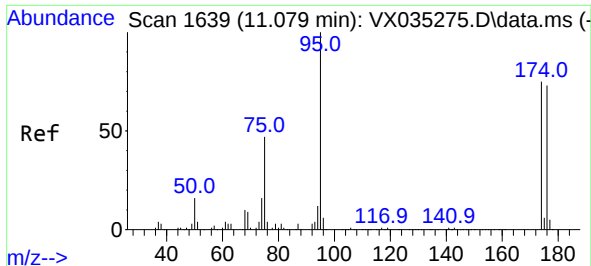
Tgt Ion:117 Resp: 25301
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 51.231 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

Tgt Ion: 98 Resp: 480081
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7

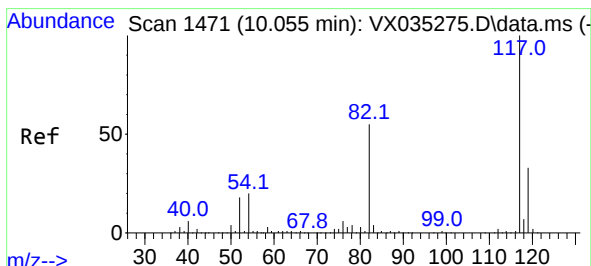
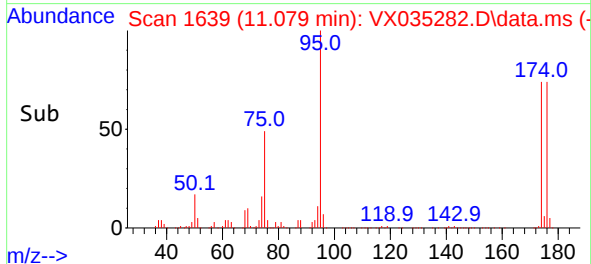
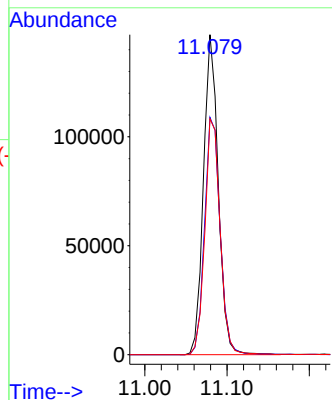
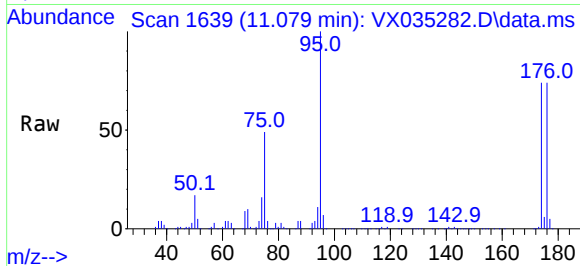




#62
4-Bromofluorobenzene
Concen: 52.094 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

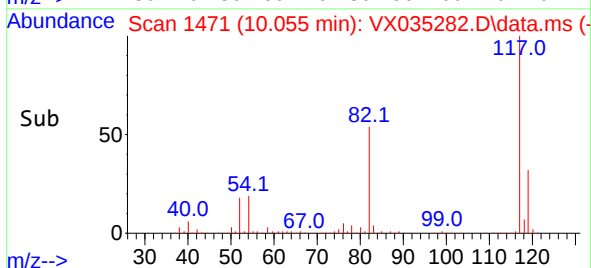
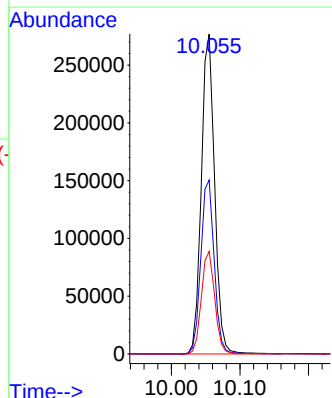
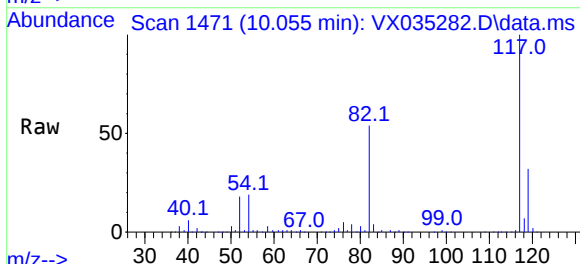
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

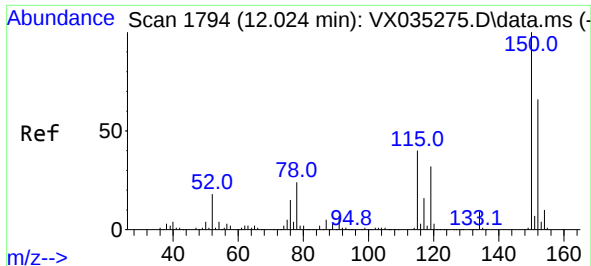
Tgt Ion: 95 Resp: 183639
Ion Ratio Lower Upper
95 100
174 77.9 0.0 147.4
176 76.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

Tgt Ion: 117 Resp: 374131
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.1 26.0 39.0

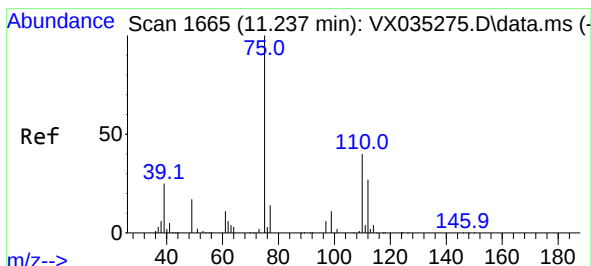
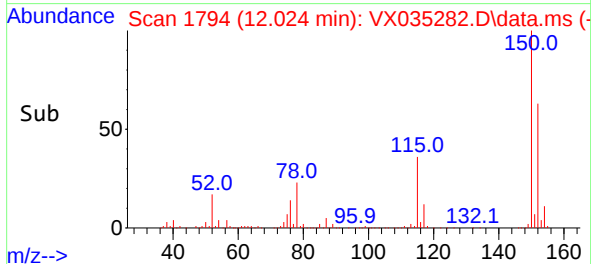
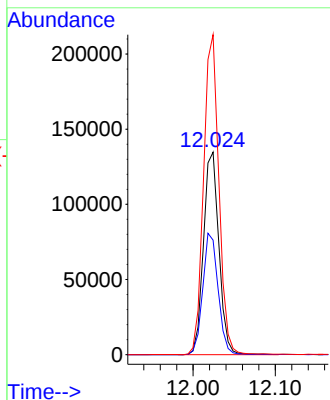
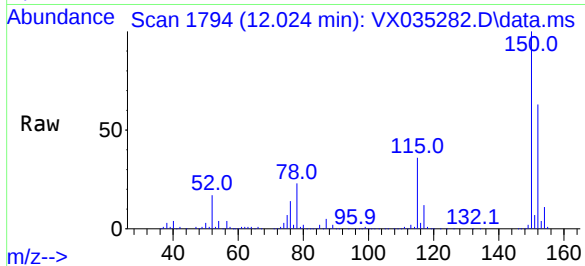




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

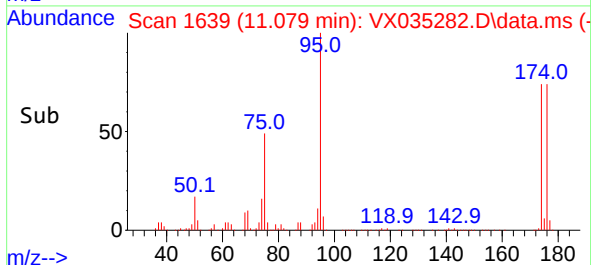
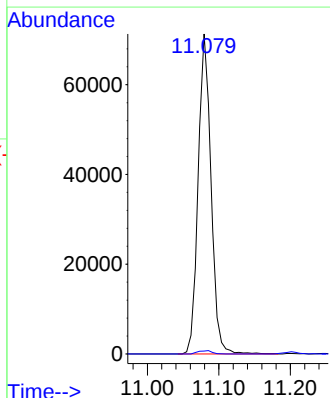
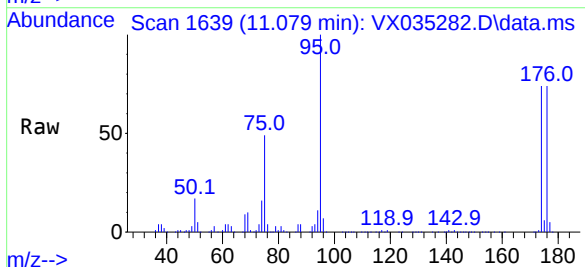
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

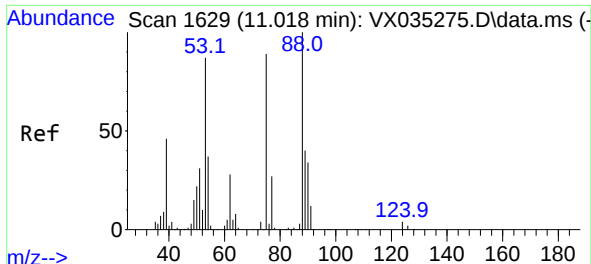
Tgt Ion:152 Resp: 175414
Ion Ratio Lower Upper
152 100
115 59.9 45.0 135.0
150 156.8 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.424 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

Tgt Ion: 75 Resp: 88962
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#

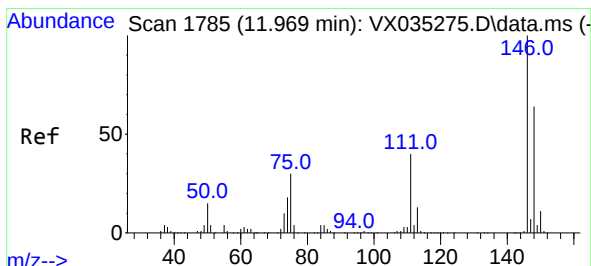
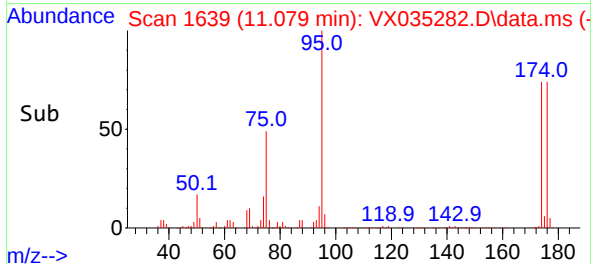
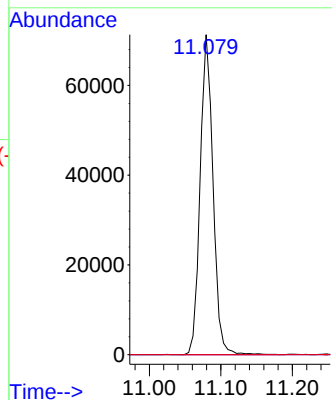
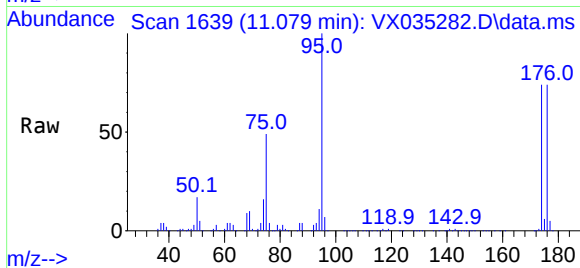




#81
trans-1,4-Dichloro-2-butene
Concen: 82.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

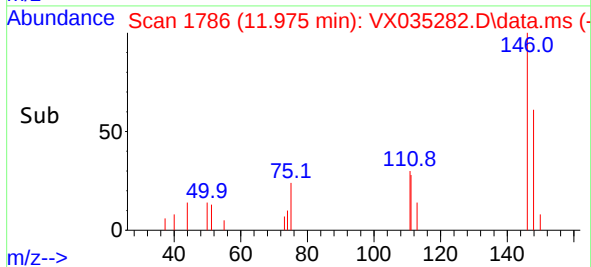
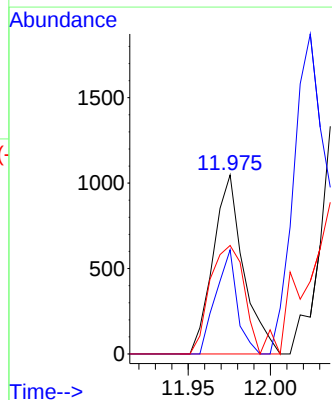
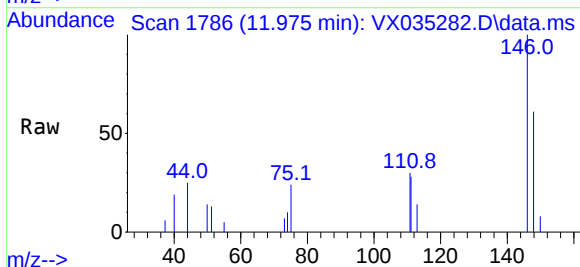
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

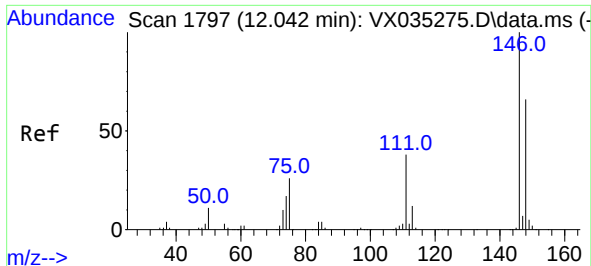
Tgt Ion: 75 Resp: 88962
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.222 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

Tgt Ion:146 Resp: 1343
Ion Ratio Lower Upper
146 100
111 41.0 20.9 62.8
148 67.9 31.6 95.0

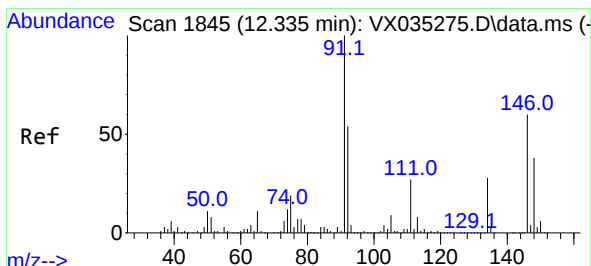
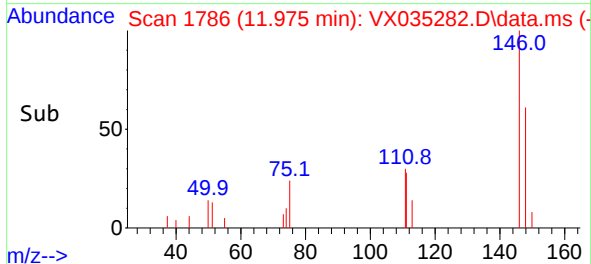
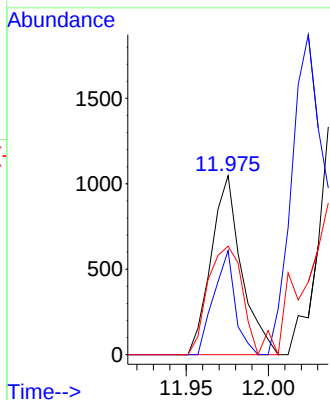
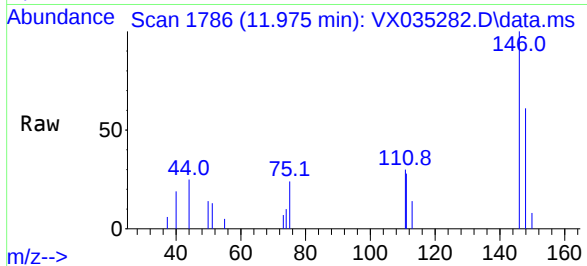




#88
1,4-Dichlorobenzene
Concen: 0.211 ug/l
RT: 11.975 min Scan# 1797
Delta R.T. -0.067 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

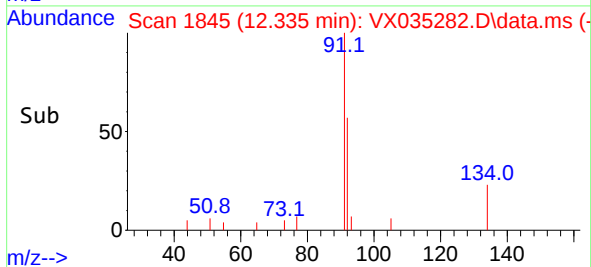
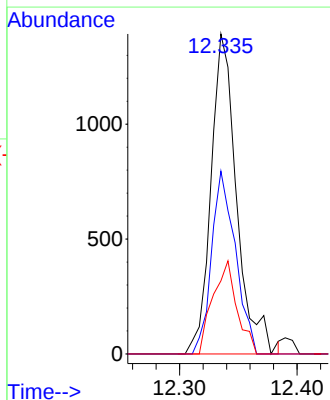
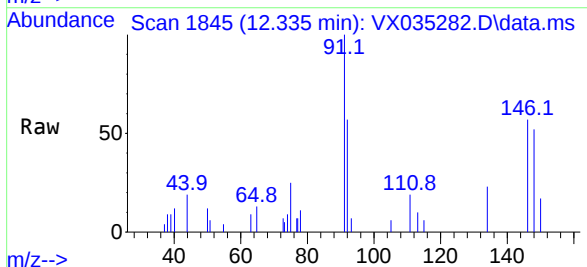
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

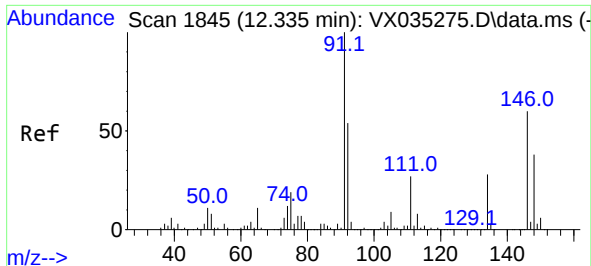
Tgt Ion:146 Resp: 1343
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.9
148 67.9 31.8 95.4



#89
n-Butylbenzene
Concen: 0.222 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

Tgt Ion: 91 Resp: 2122
Ion Ratio Lower Upper
91 100
92 53.0 27.7 83.0
134 27.2 13.0 38.9

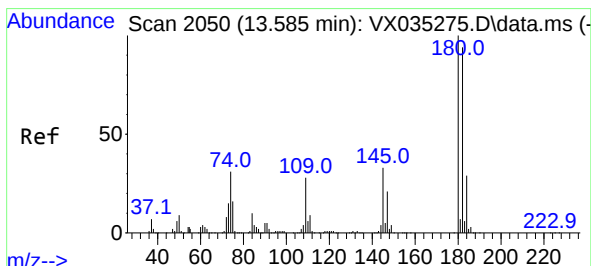
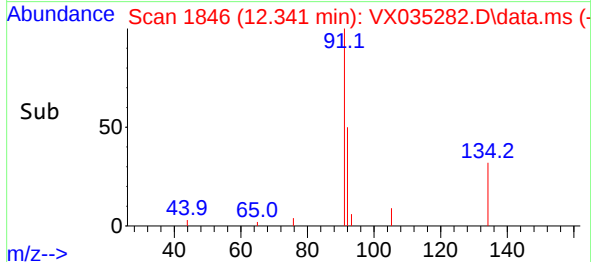
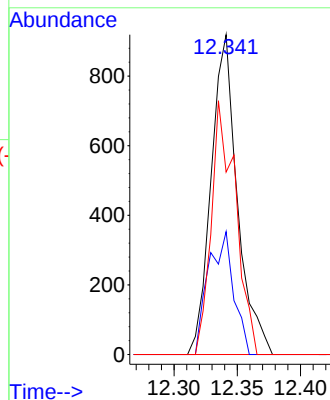
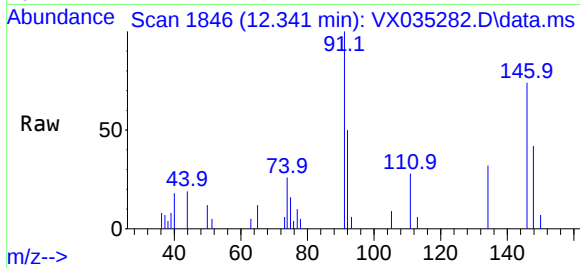




#91
1,2-Dichlorobenzene
Concen: 0.219 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

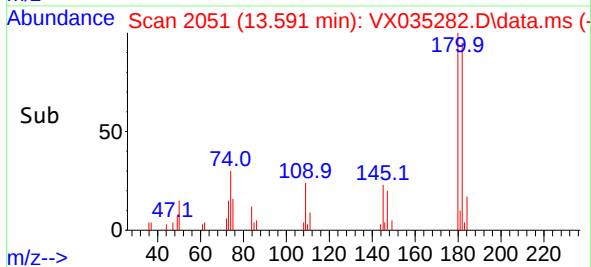
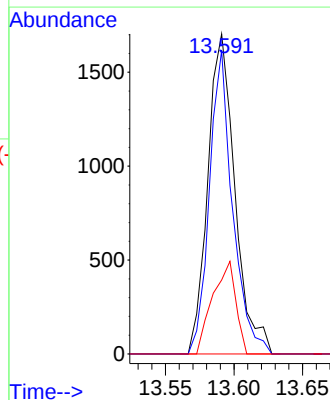
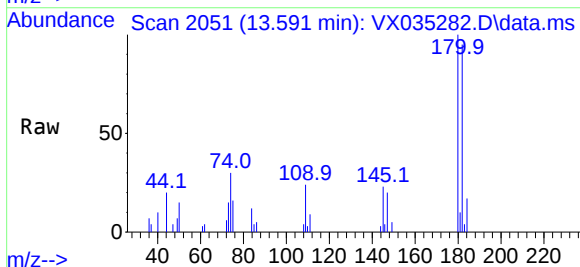
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

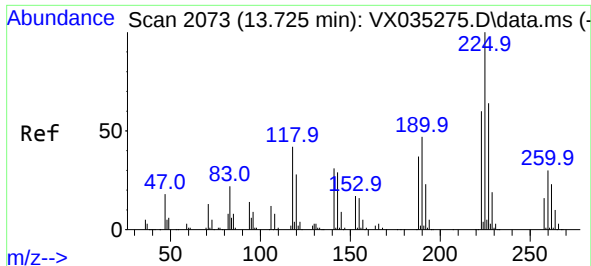
Tgt Ion:146 Resp: 1328
Ion Ratio Lower Upper
146 100
111 36.7 22.0 66.0
148 73.0 32.0 96.0



#93
1,2,4-Trichlorobenzene
Concen: 0.615 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

Tgt Ion:180 Resp: 2342
Ion Ratio Lower Upper
180 100
182 81.3 47.0 141.0
145 24.7 15.9 47.7

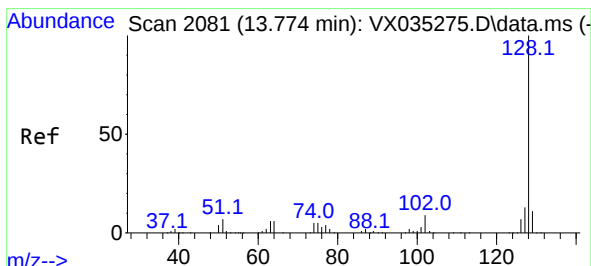
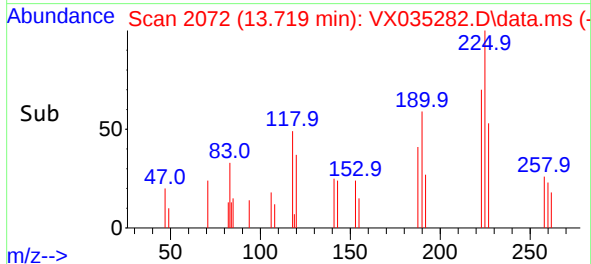
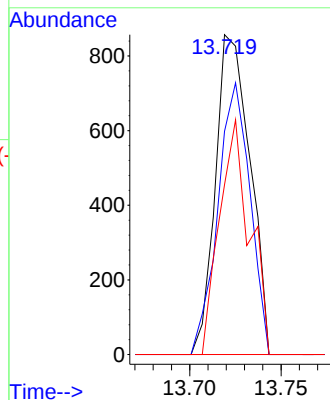
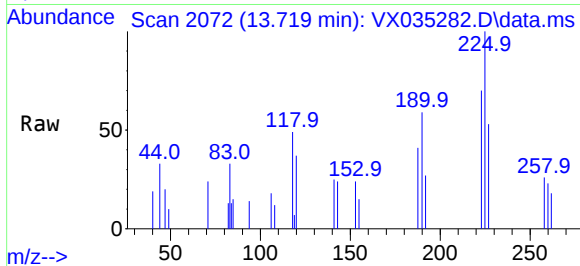




#94
Hexachlorobutadiene
Concen: 0.676 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

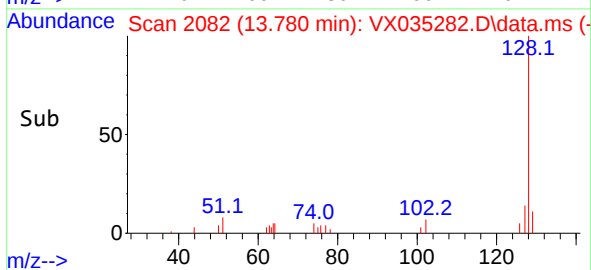
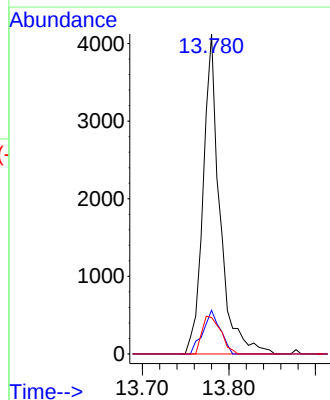
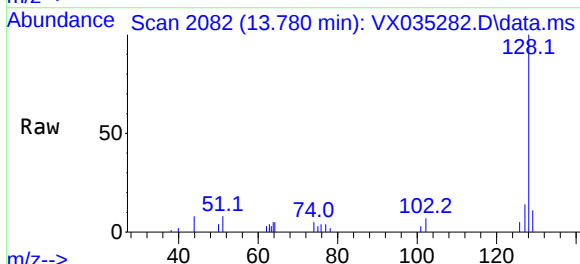
Instrument :
MSVOA_X
ClientSampleId :
VX0425MBL01

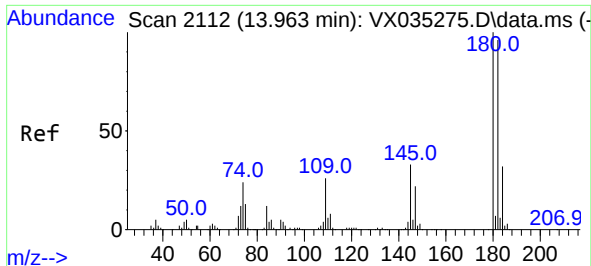
Tgt Ion:	225	Resp:	1129
Ion	Ratio	Lower	Upper
225	100		
223	79.2	32.1	96.5
227	64.0	31.8	95.4



#95
Naphthalene
Concen: 0.471 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035282.D
Acq: 25 Apr 2023 14:40

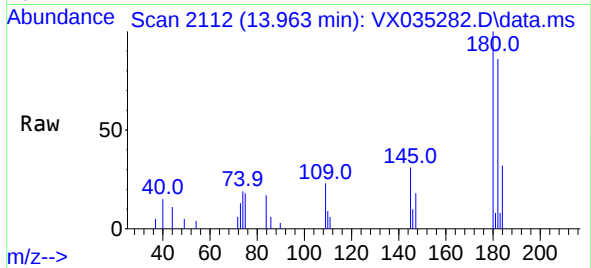
Tgt Ion:	128	Resp:	5519
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.4
129	13.2	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.587 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX035282.D
 Acq: 25 Apr 2023 14:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBL01



Tgt Ion:	180	Resp:	2249
Ion	Ratio	Lower	Upper
180	100		
182	91.1	48.0	144.2
145	29.3	17.7	53.1

