

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023326.D
 Acq On : 16 Jul 2021 14:45
 Operator : JC/MD
 Sample : M3087-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 17 02:09:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

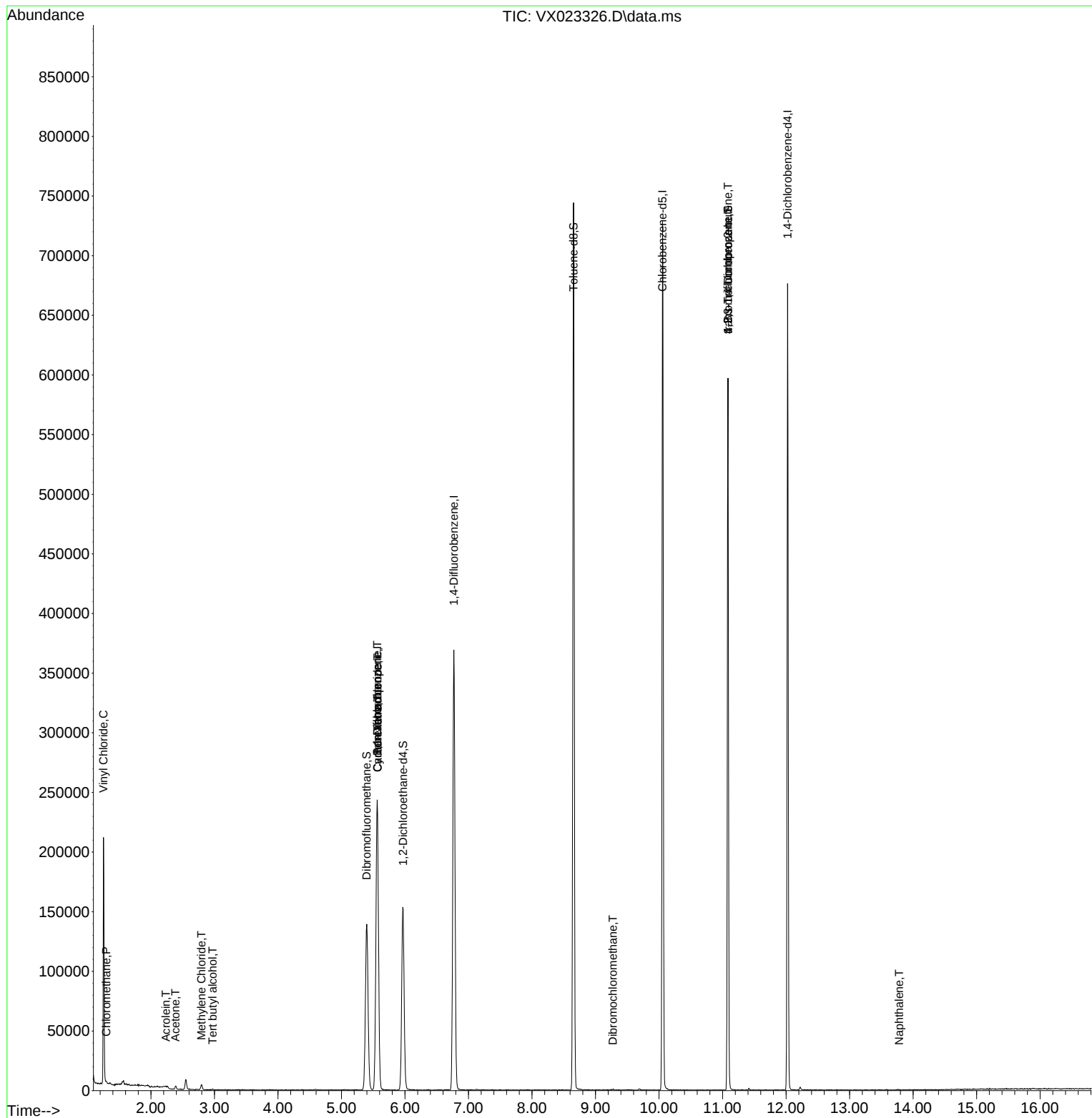
Internal Standards						
1) Pentafluorobenzene	5.562	168	224696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	368209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	157869	52.276	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.560%		
35) Dibromofluoromethane	5.397	113	120399	50.636	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.280%		
50) Toluene-d8	8.653	98	435899	49.146	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.300%		
62) 4-Bromofluorobenzene	11.085	95	156731	45.772	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.540%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	841	0.418	ug/l #	75
4) Vinyl Chloride	1.252	62	1664	0.780	ug/l #	43
5) Bromomethane	1.618	94	449	Below Cal		90
11) Tert butyl alcohol	2.971	59	496	0.781	ug/l	99
13) Acrolein	2.233	56	191	0.451	ug/l #	49
16) Acetone	2.386	43	3070	2.570	ug/l	99
20) Methylene Chloride	2.794	84	2021	0.786	ug/l	91
31) Cyclohexane	5.568	56	4554	1.259	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17156	5.226	ug/l #	50
38) Carbon Tetrachloride	5.568	117	23666	6.907	ug/l #	15
60) Dibromochloromethane	9.275	129	90	3.142	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	81228	29.787	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	81228	80.014	ug/l #	12
95) Naphthalene	13.780	128	127	1.288	ug/l #	69

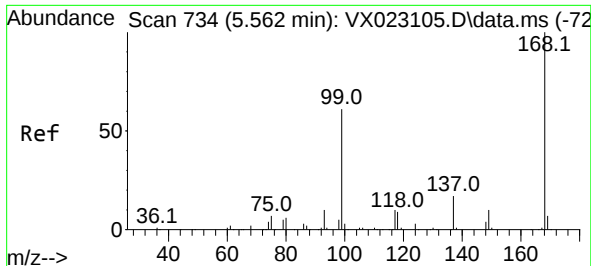
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
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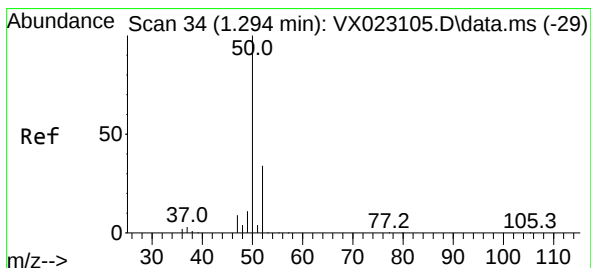
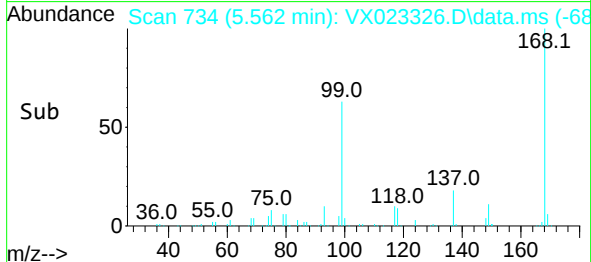
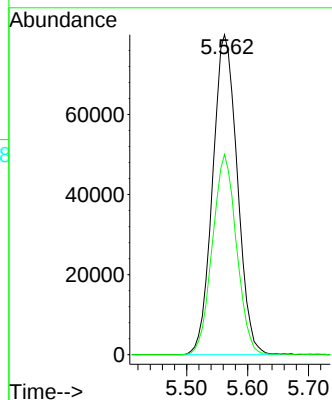
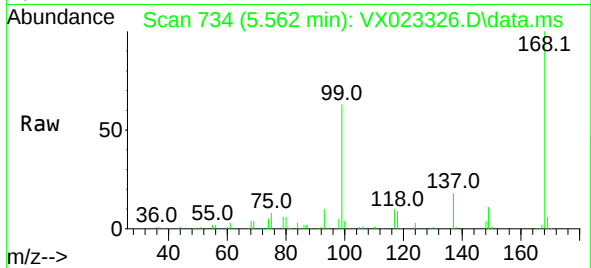




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

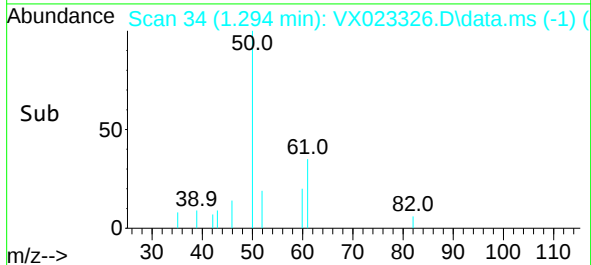
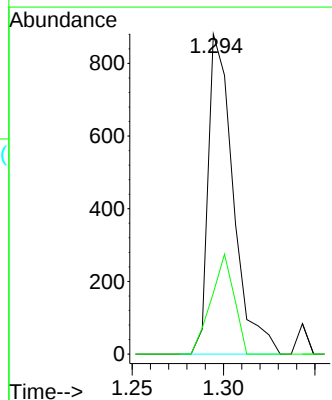
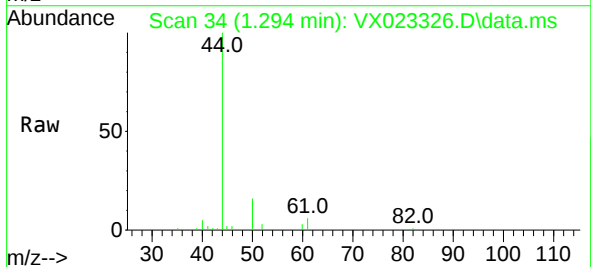
Instrument :
MSVOA_X
ClientSampleId :

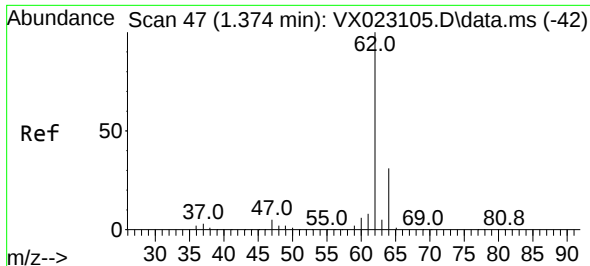
Tgt Ion:168 Resp: 224696
Ion Ratio Lower Upper
168 100
99 62.6 45.8 68.6



#3
Chloromethane
Concen: 0.418 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

Tgt Ion: 50 Resp: 841
Ion Ratio Lower Upper
50 100
52 19.1 26.4 39.6#

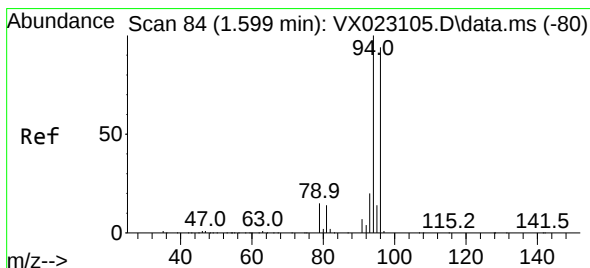
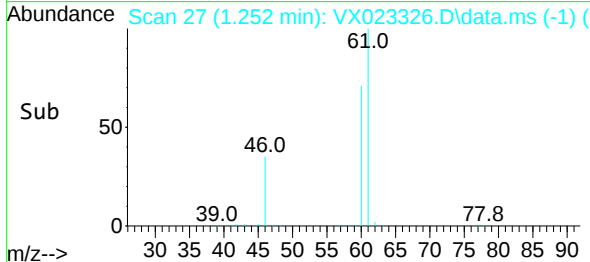
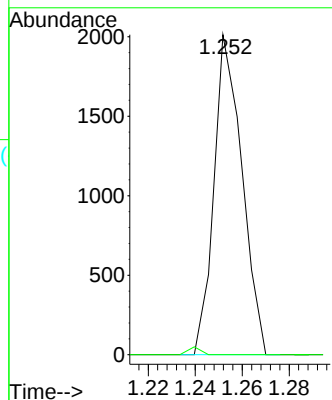
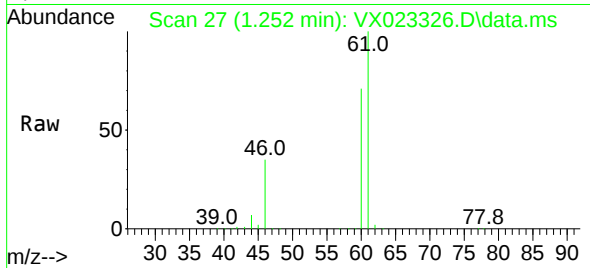




#4
 Vinyl Chloride
 Concen: 0.780 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023326.D
 Acq: 16 Jul 2021 14:45

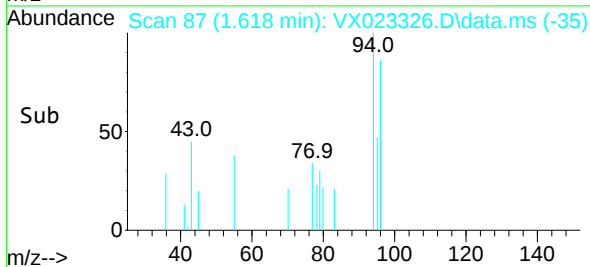
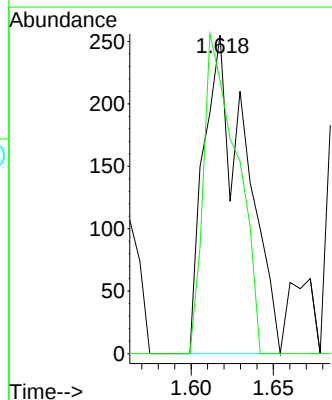
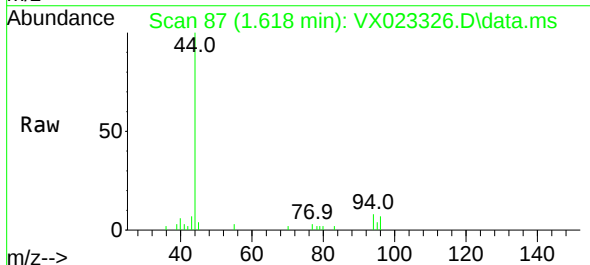
Instrument :
 MSVOA_X
 ClientSampled :

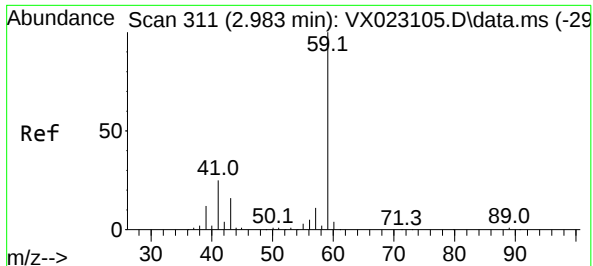
Tgt Ion: 62 Resp: 1664
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.7 38.5#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX023326.D
 Acq: 16 Jul 2021 14:45

Tgt Ion: 94 Resp: 449
 Ion Ratio Lower Upper
 94 100
 96 85.9 76.4 114.6

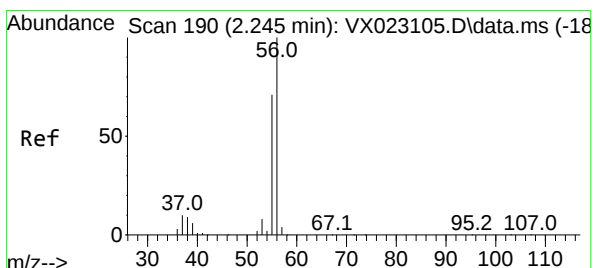
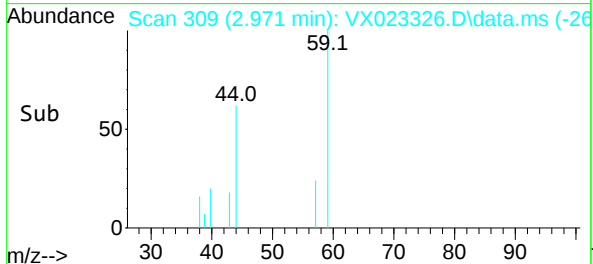
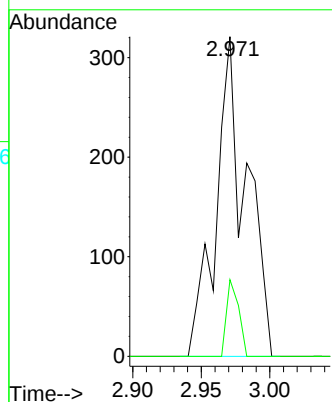
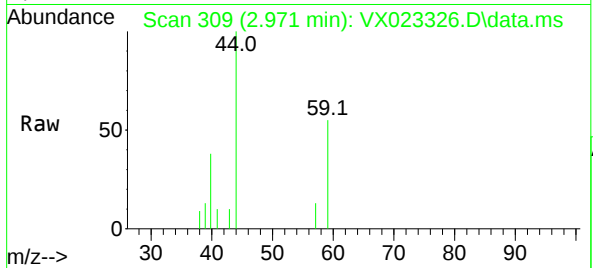




#11
Tert butyl alcohol
Concen: 0.781 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

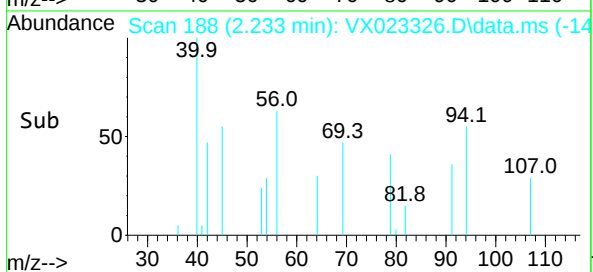
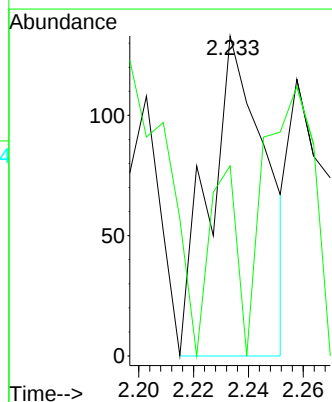
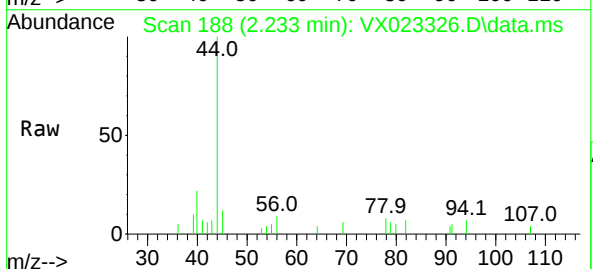
Instrument :
MSVOA_X
ClientSampled :

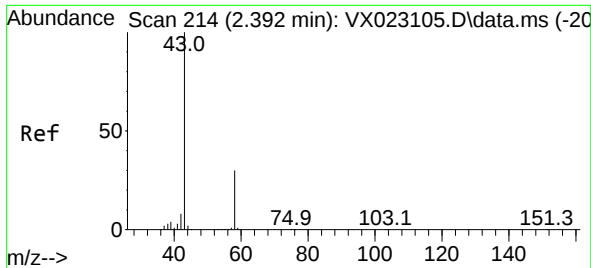
Tgt Ion: 59 Resp: 496
Ion Ratio Lower Upper
59 100
57 9.5 7.8 11.8



#13
Acrolein
Concen: 0.451 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

Tgt Ion: 56 Resp: 191
Ion Ratio Lower Upper
56 100
55 28.3 56.4 84.6#

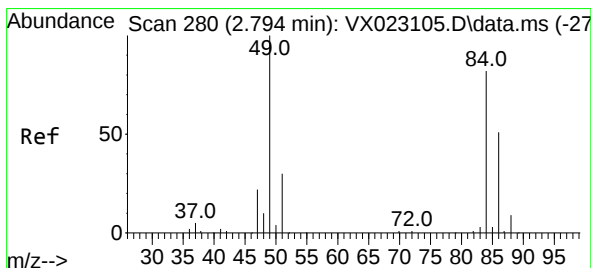
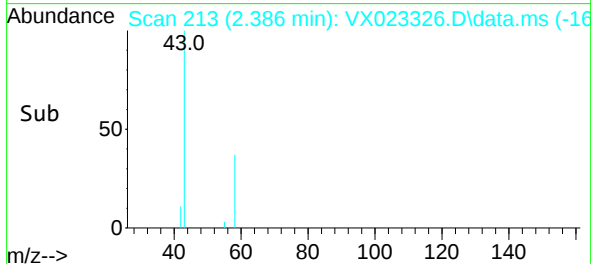
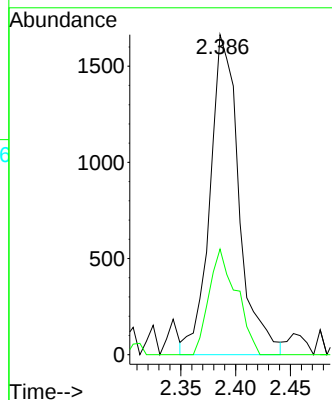
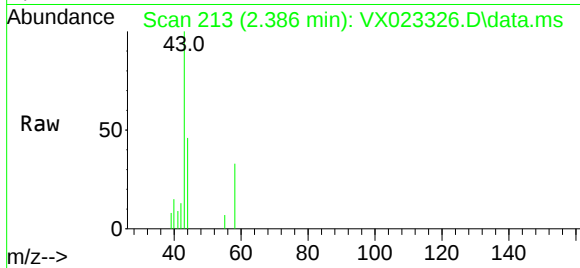




#16
Acetone
Concen: 2.570 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

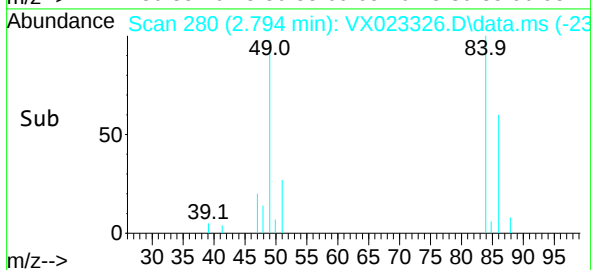
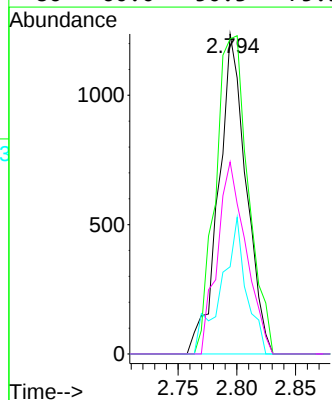
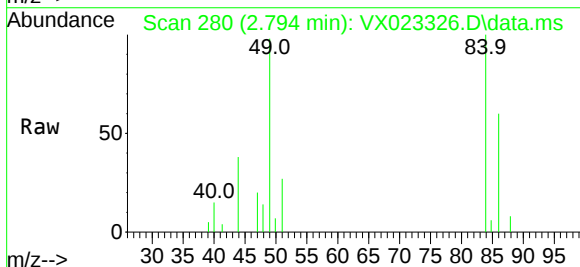
Instrument :
MSVOA_X
ClientSampled :

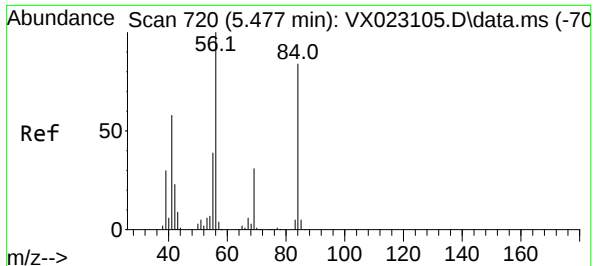
Tgt Ion: 43 Resp: 3070
Ion Ratio Lower Upper
43 100
58 34.3 27.8 41.8



#20
Methylene Chloride
Concen: 0.786 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

Tgt Ion: 84 Resp: 2021
Ion Ratio Lower Upper
84 100
49 98.5 88.6 132.8
51 27.2 27.0 40.6
86 60.0 50.3 75.5

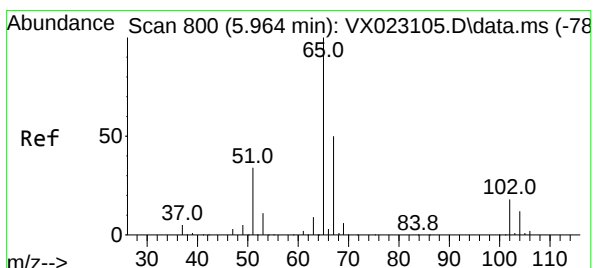
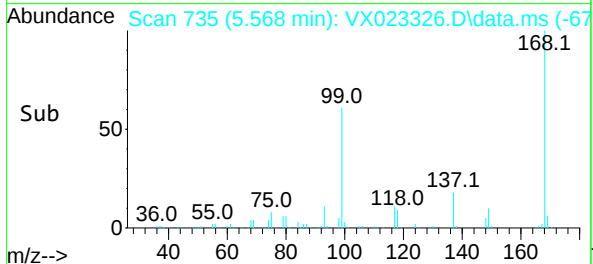
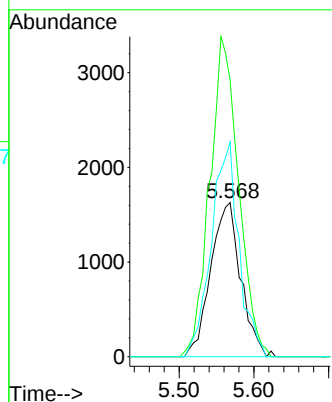
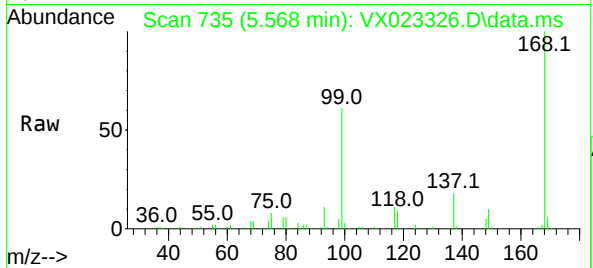




#31
Cyclohexane
Concen: 1.259 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

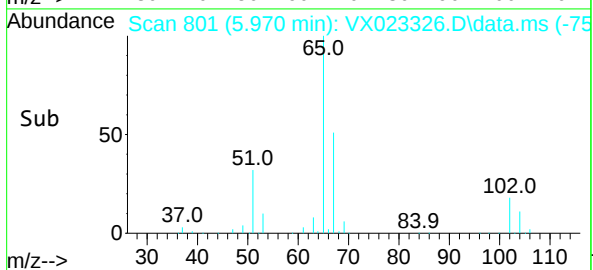
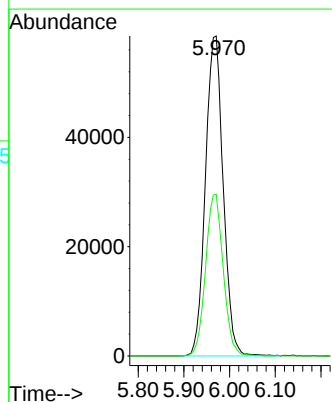
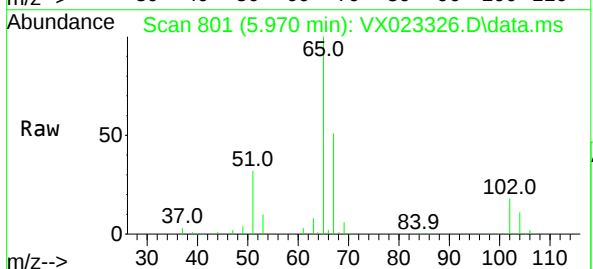
Instrument :
MSVOA_X
ClientSampled :

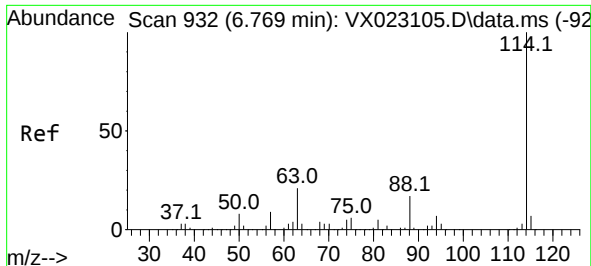
Tgt Ion: 56 Resp: 4554
Ion Ratio Lower Upper
56 100
69 179.3 25.3 37.9#
84 139.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.276 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

Tgt Ion: 65 Resp: 157869
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

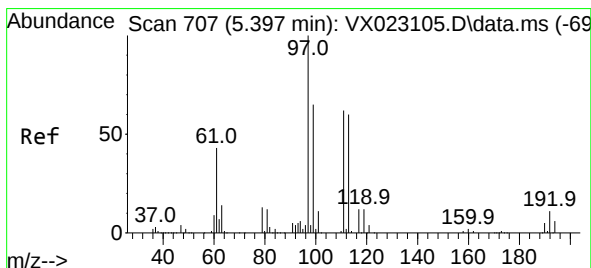
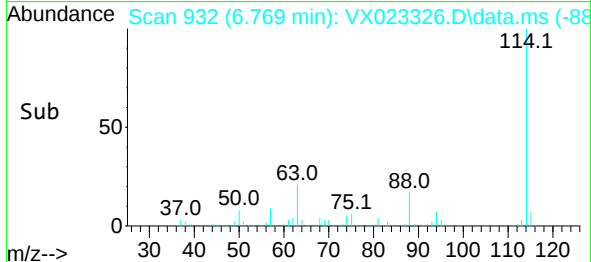
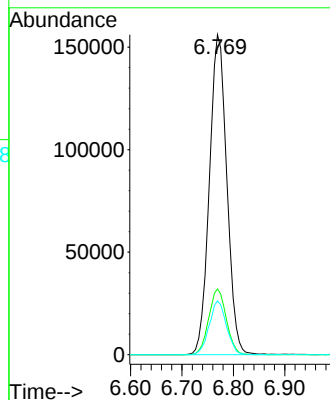
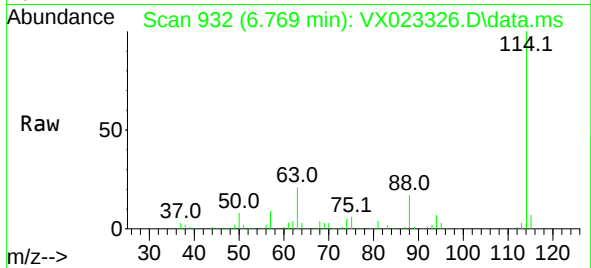




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

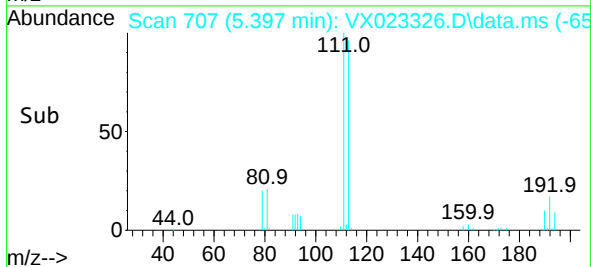
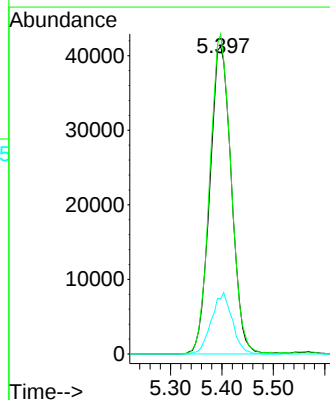
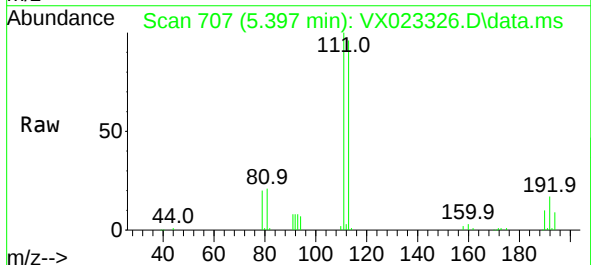
Instrument :
MSVOA_X
ClientSampleId :

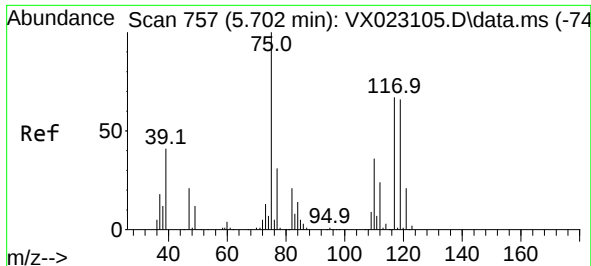
Tgt Ion:114 Resp: 368209
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.636 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

Tgt Ion:113 Resp: 120399
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.1 16.7 25.1

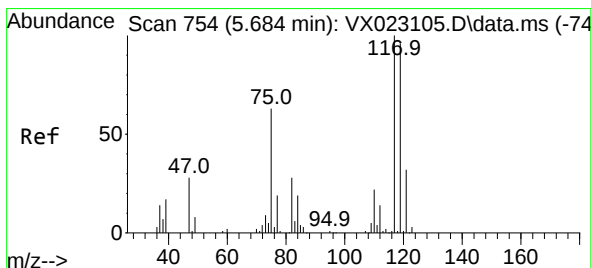
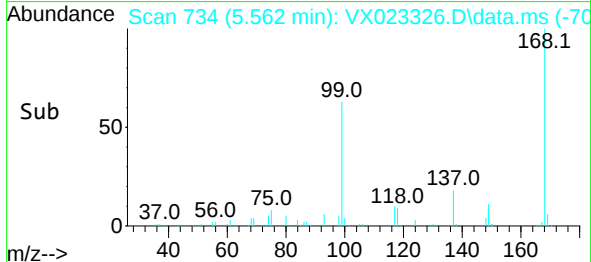
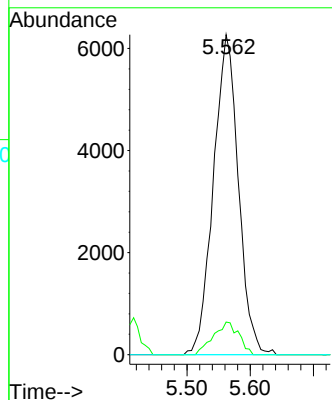
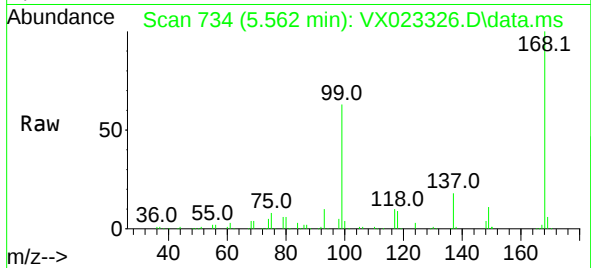




#36
1,1-Dichloropropene
Concen: 5.226 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

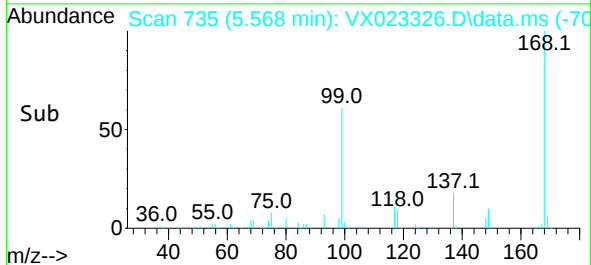
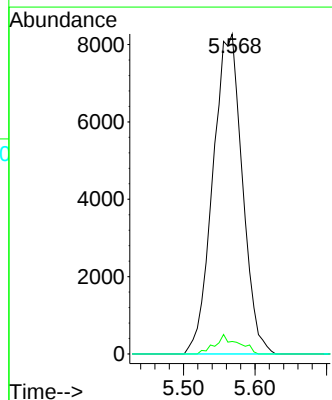
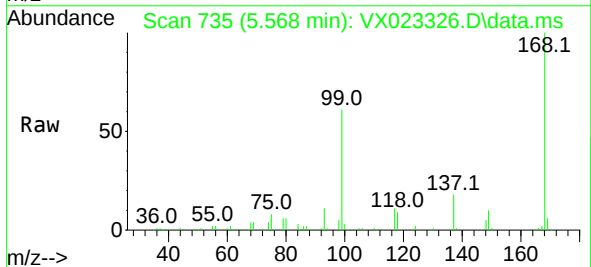
Instrument :
MSVOA_X
ClientSampleId :

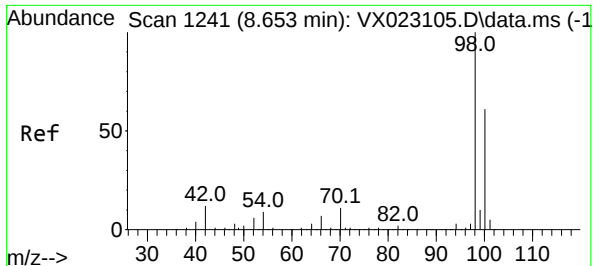
Tgt Ion: 75 Resp: 17156
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.907 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

Tgt Ion: 117 Resp: 23666
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 49.146 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023326.D

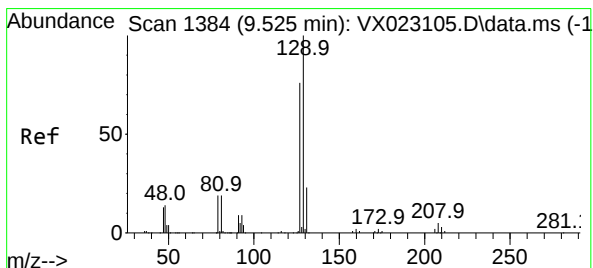
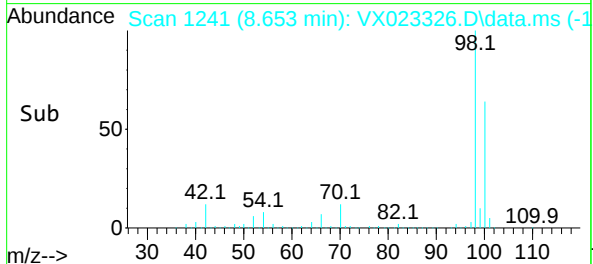
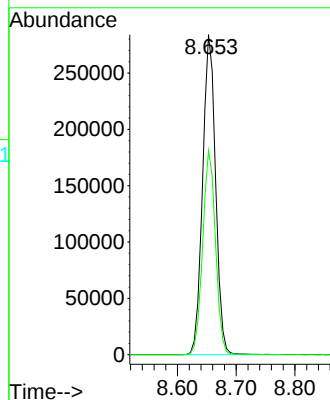
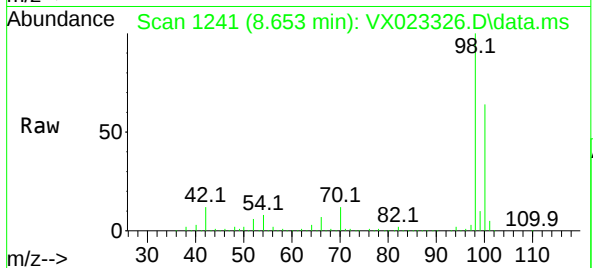
Acq: 16 Jul 2021 14:45

Tgt Ion: 98 Resp: 435899

Ion Ratio Lower Upper

98 100

100 63.1 51.9 77.9



#60

Dibromochloromethane

Concen: 3.142 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX023326.D

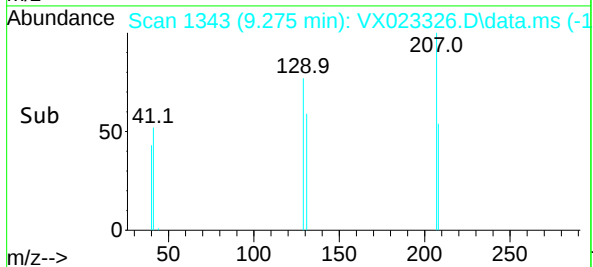
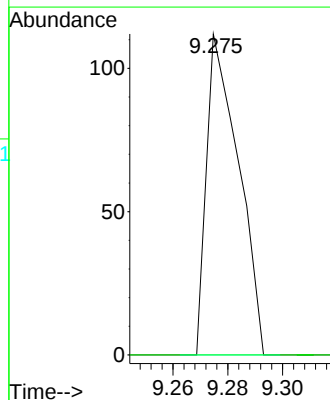
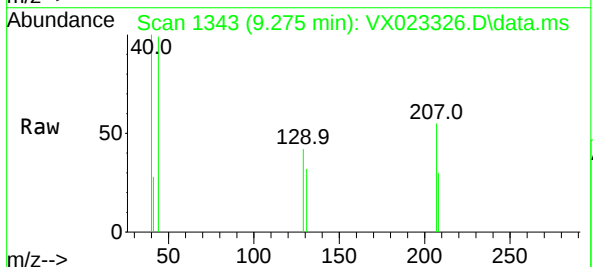
Acq: 16 Jul 2021 14:45

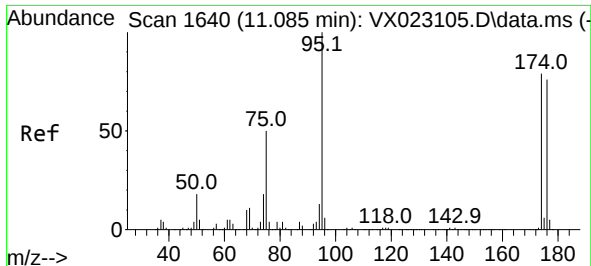
Tgt Ion: 129 Resp: 90

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

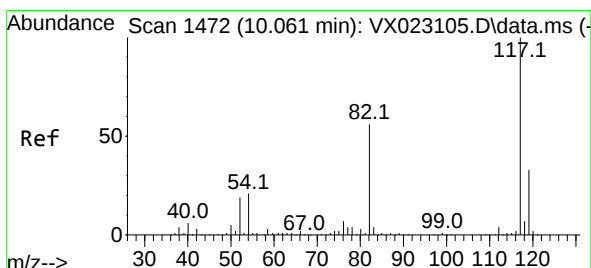
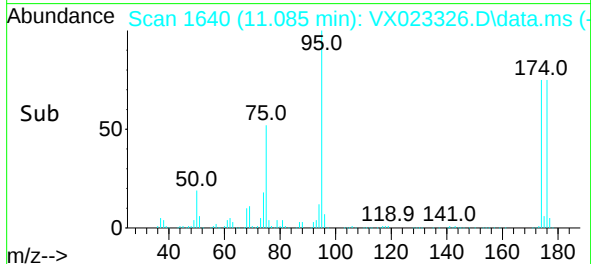
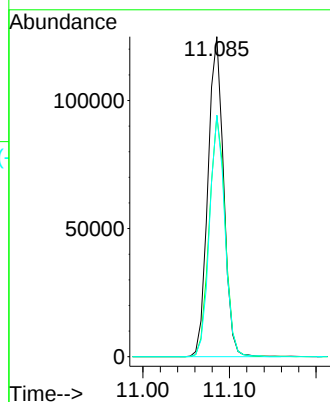
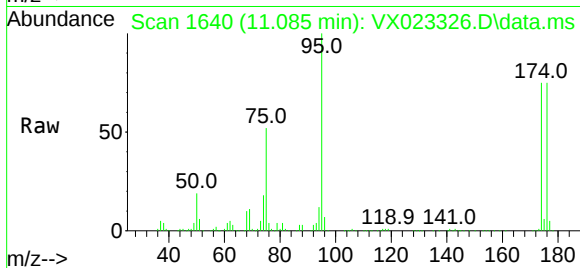




#62
4-Bromofluorobenzene
Concen: 45.772 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

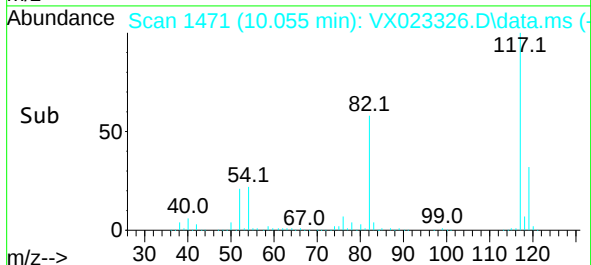
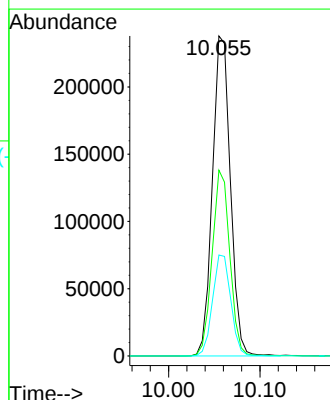
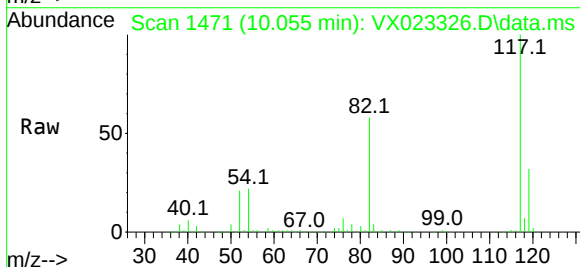
Instrument :
MSVOA_X
ClientSampled :

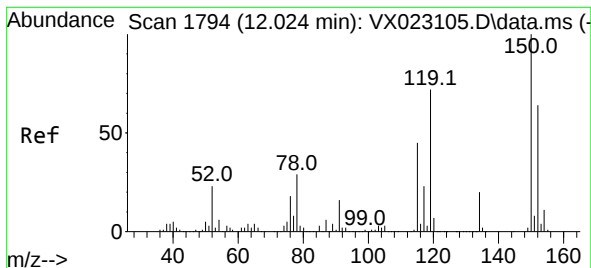
Tgt Ion: 95 Resp: 156731
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 73.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

Tgt Ion: 117 Resp: 325022
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.5 26.6 39.8

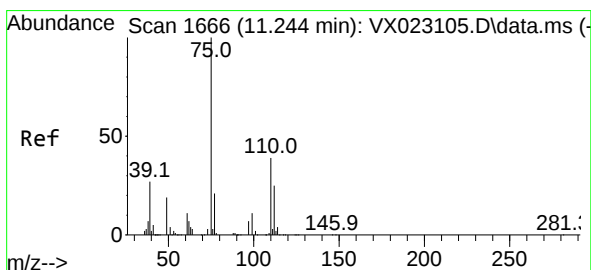
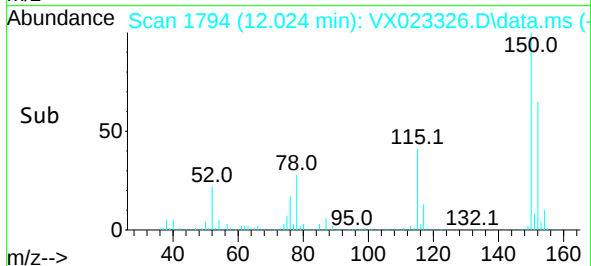
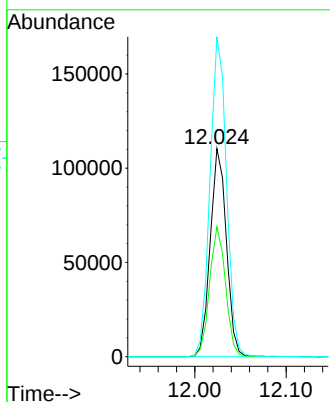
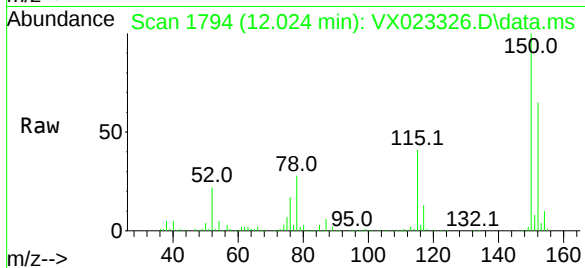




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023326.D
 Acq: 16 Jul 2021 14:45

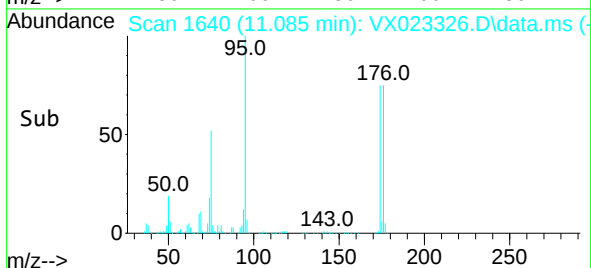
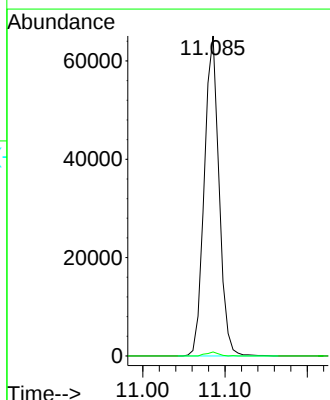
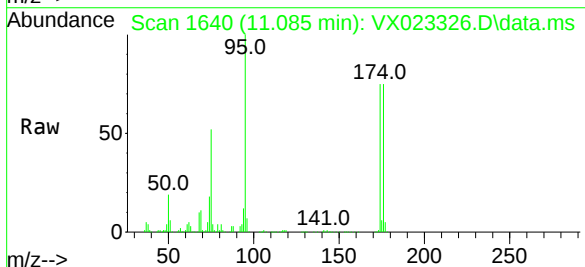
Instrument :
 MSVOA_X
 ClientSampled :

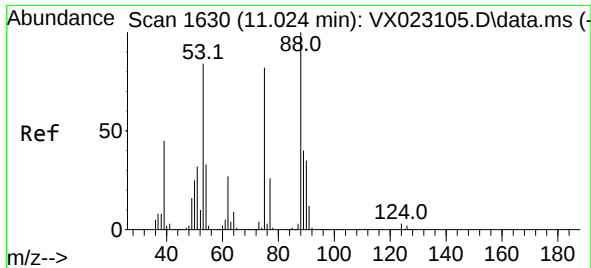
Tgt Ion:152 Resp: 135510
 Ion Ratio Lower Upper
 152 100
 115 61.5 41.1 123.3
 150 156.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.787 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023326.D
 Acq: 16 Jul 2021 14:45

Tgt Ion: 75 Resp: 81228
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

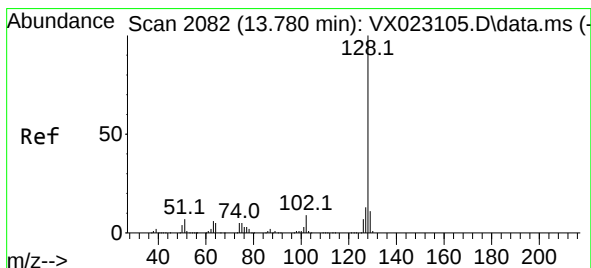
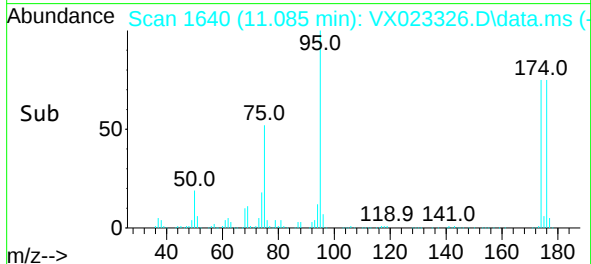
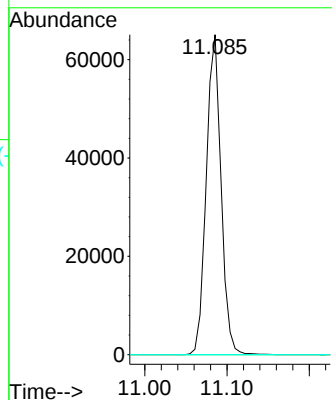
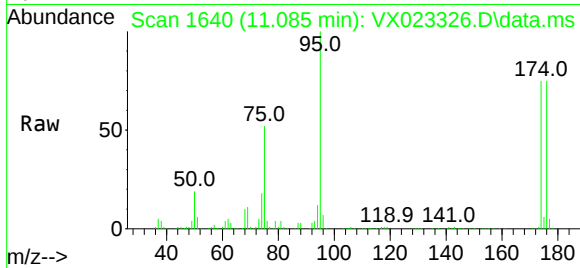




#81
trans-1,4-Dichloro-2-butene
Concen: 80.014 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 81228
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.288 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023326.D
Acq: 16 Jul 2021 14:45

Tgt Ion:128 Resp: 127
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

