

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034551.D
 Acq On : 16 Mar 2023 17:22
 Operator : JC/MD
 Sample : 01904-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20230313

Quant Time: Mar 17 06:28:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

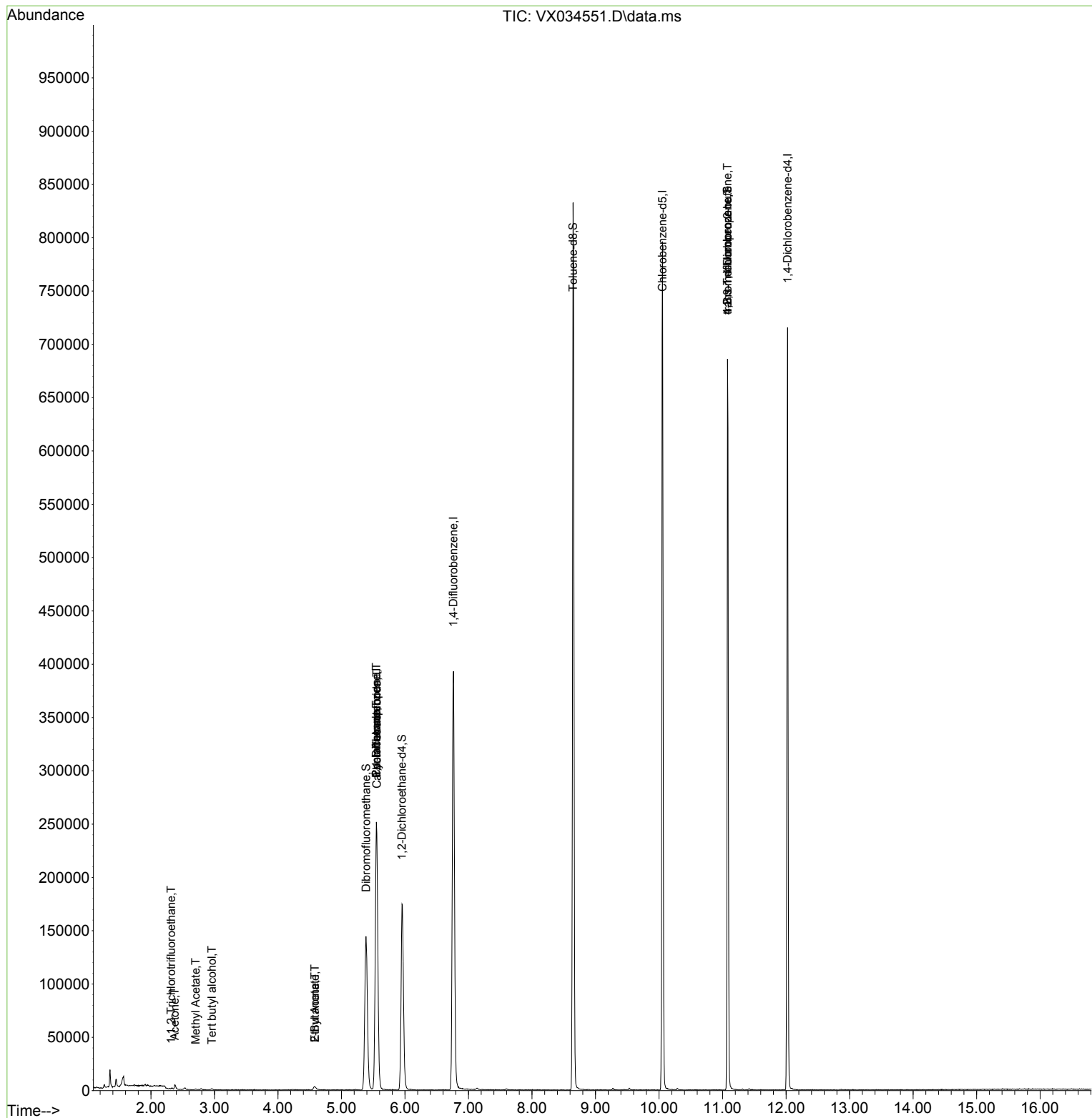
Internal Standards						
1) Pentafluorobenzene	5.549	168	231943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	393973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	161877	47.973	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.940%		
35) Dibromofluoromethane	5.385	113	126492	48.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.260%		
50) Toluene-d8	8.646	98	477542	49.178	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.360%		
62) 4-Bromofluorobenzene	11.079	95	177418	45.233	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.460%		
Target Compounds						
3) Chloromethane	1.312	50	333	Below Cal	#	42
9) 1,1,2-Trichlorotrifluo...	2.318	101	537	0.208	ug/l #	84
11) Tert butyl alcohol	2.958	59	936	1.332	ug/l #	85
16) Acetone	2.373	43	4841	3.046	ug/l	100
18) Methyl Acetate	2.702	43	1041	0.200	ug/l #	72
25) 2-Butanone	4.580	43	6629	2.915	ug/l #	83
31) Cyclohexane	5.549	56	5383	1.138	ug/l #	14
36) 1,1-Dichloropropene	5.549	75	18722	4.686	ug/l #	50
37) Ethyl Acetate	4.580	43	6629	1.519	ug/l #	70
38) Carbon Tetrachloride	5.555	117	24165	6.080	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	93507	28.464	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	93507	77.003	ug/l #	8

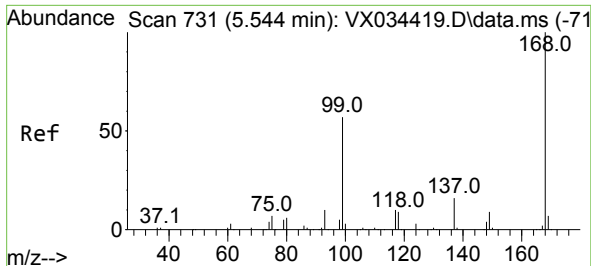
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\  
Data File : VX034551.D  
Acq On    : 16 Mar 2023  17:22  
Operator  : JC/MD  
Sample    : 01904-01RE  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 21    Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
EB02-20230313

Quant Time: Mar 17 06:28:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
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Response via : Initial Calibration

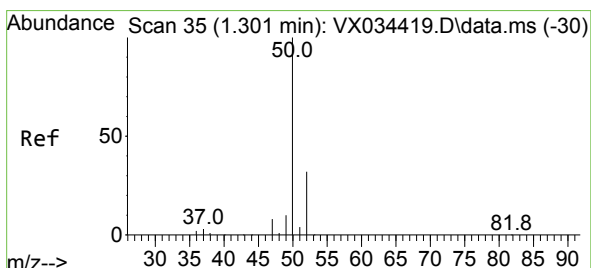
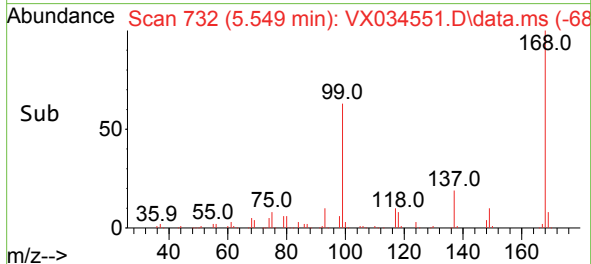
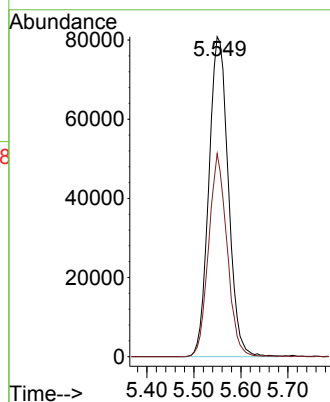
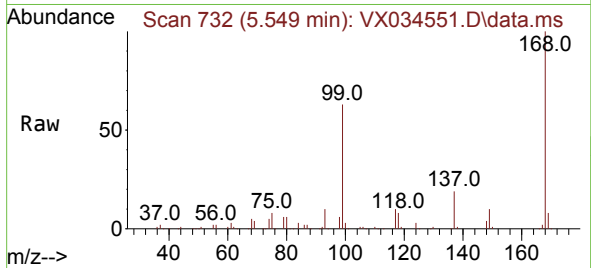




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

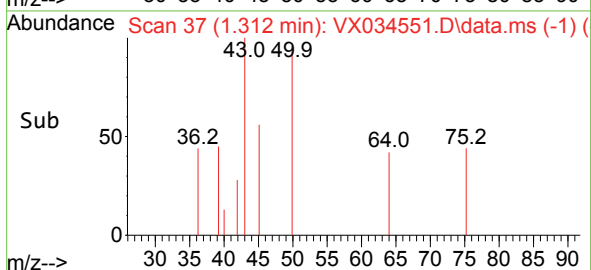
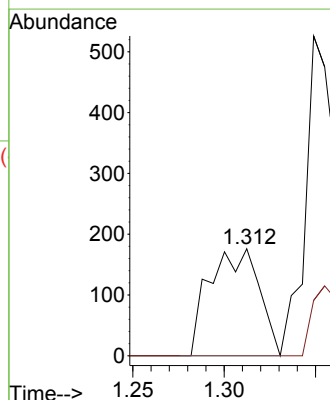
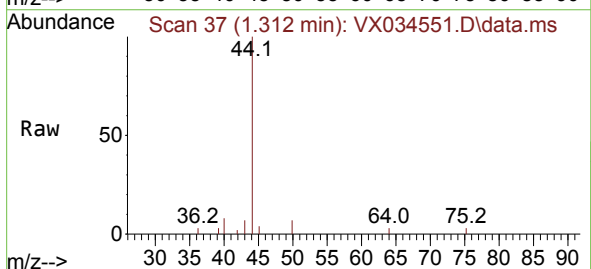
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230313

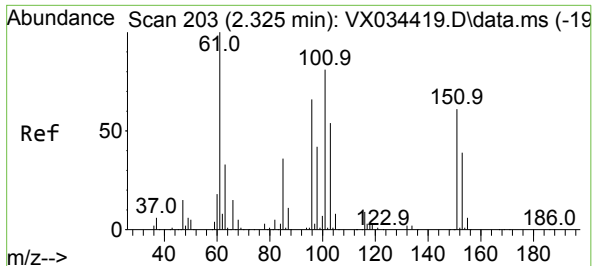
Tgt Ion:168 Resp: 231943
Ion Ratio Lower Upper
168 100
99 63.5 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.312 min Scan# 37
Delta R.T. 0.011 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

Tgt Ion: 50 Resp: 333
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

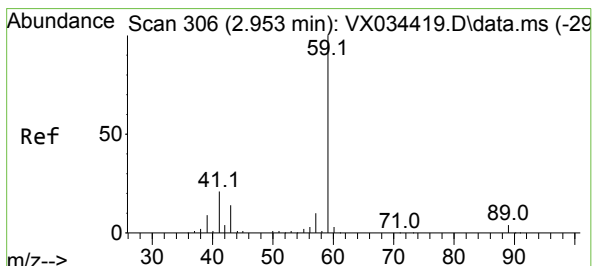
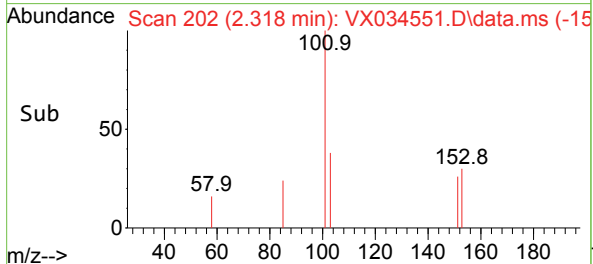
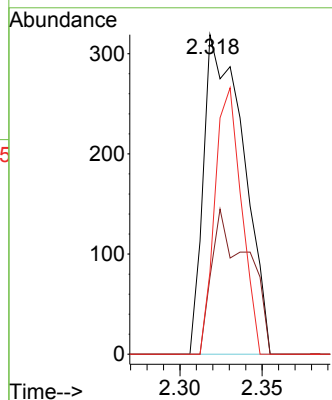
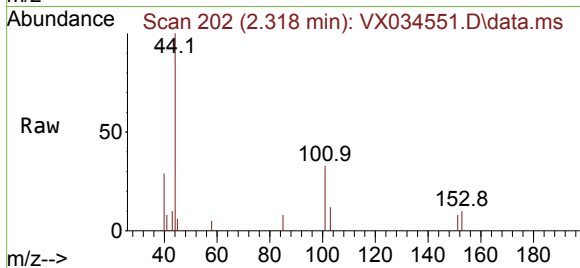




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.208 ug/l
RT: 2.318 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

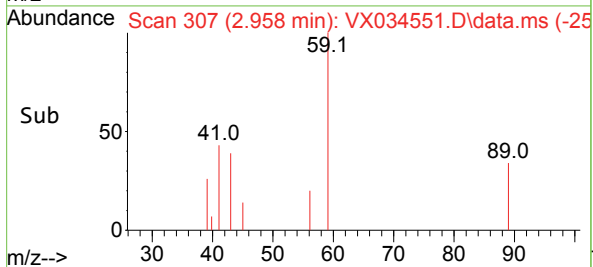
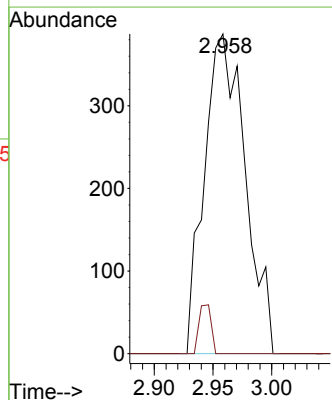
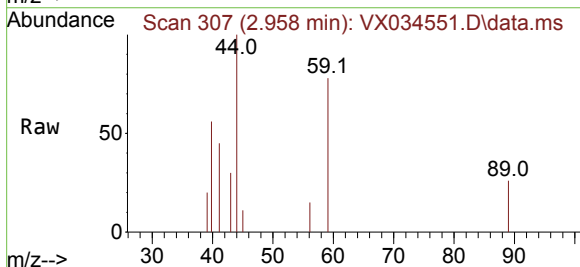
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230313

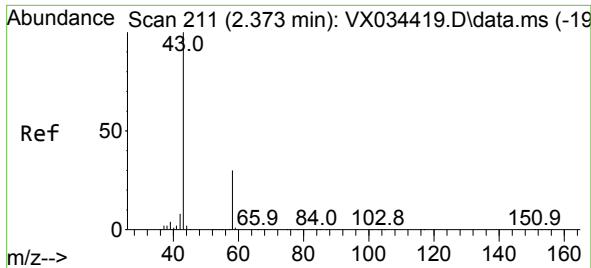
Tgt Ion:101 Resp: 537
Ion Ratio Lower Upper
101 100
85 40.8 35.4 53.2
151 55.9 60.2 90.4#



#11
Tert butyl alcohol
Concen: 1.332 ug/l
RT: 2.958 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

Tgt Ion: 59 Resp: 936
Ion Ratio Lower Upper
59 100
57 4.6 8.1 12.1#

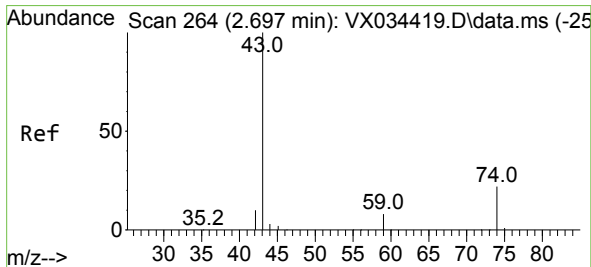
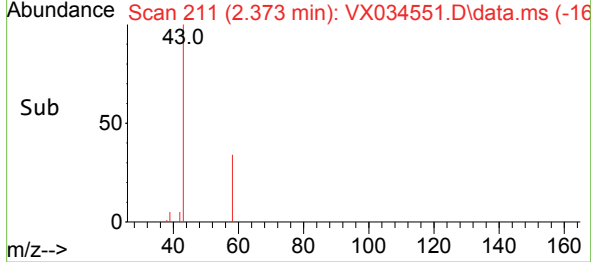
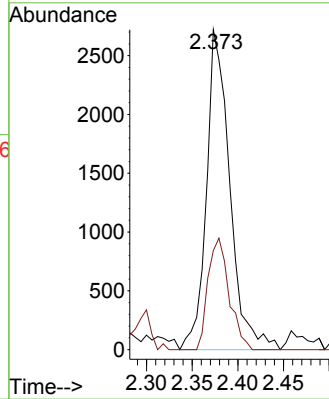
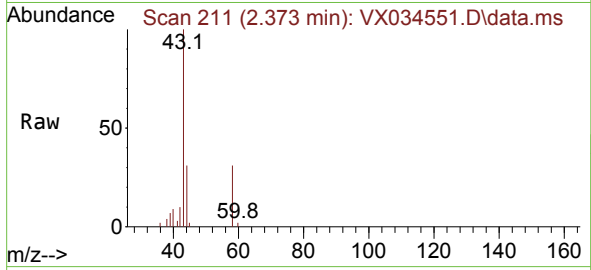




#16
Acetone
Concen: 3.046 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

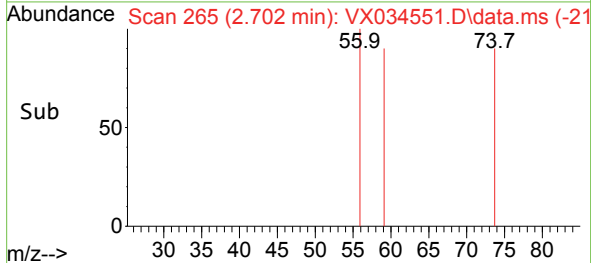
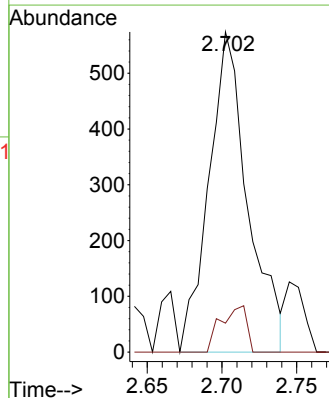
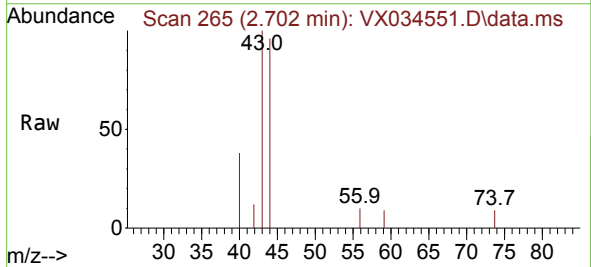
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230313

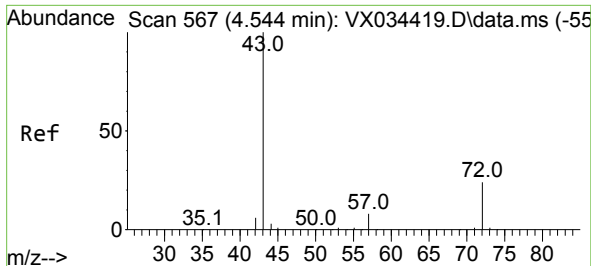
Tgt Ion: 43 Resp: 4841
Ion Ratio Lower Upper
43 100
58 30.9 24.7 37.1



#18
Methyl Acetate
Concen: 0.200 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
74 9.5 18.3 27.5#

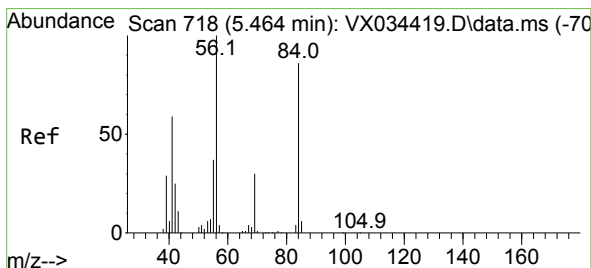
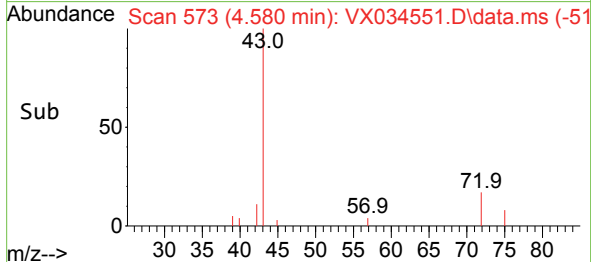
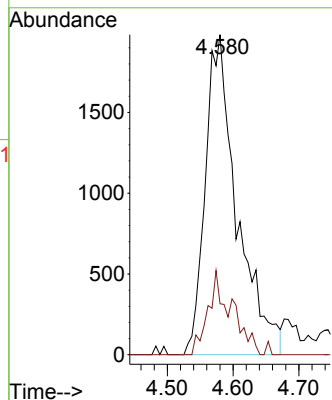
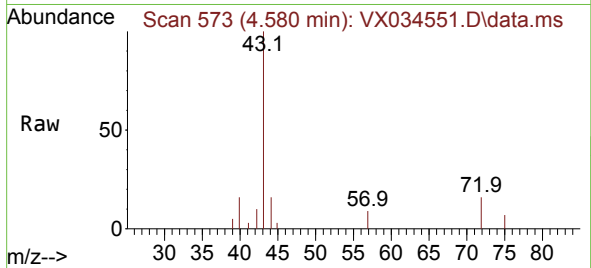




#25
2-Butanone
Concen: 2.915 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

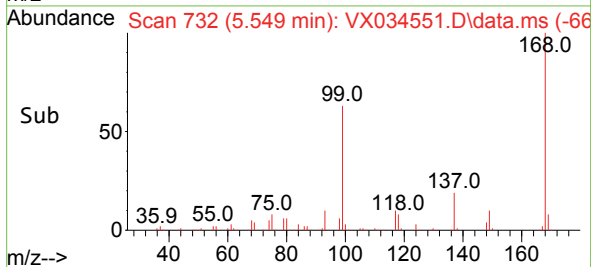
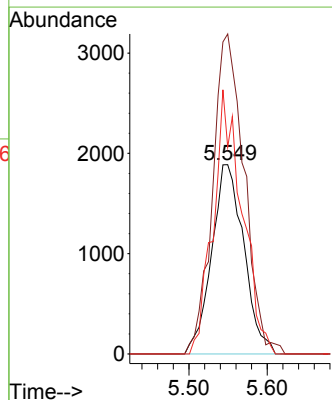
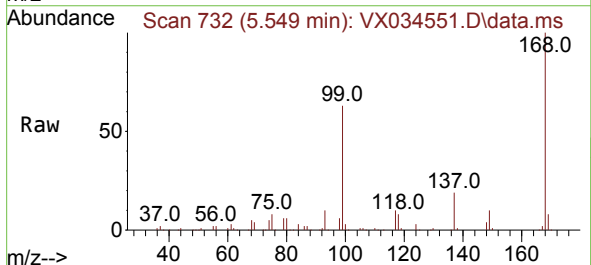
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230313

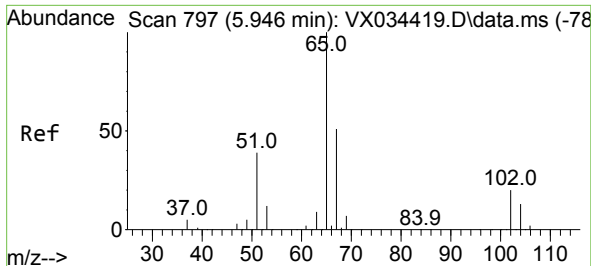
Tgt Ion: 43 Resp: 6629
Ion Ratio Lower Upper
43 100
72 15.9 19.3 28.9#



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

Tgt Ion: 56 Resp: 5383
Ion Ratio Lower Upper
56 100
69 169.1 23.7 35.5#
84 109.2 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.973 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX034551.D

Acq: 16 Mar 2023 17:22

Instrument :

MSVOA_X

ClientSampleId :

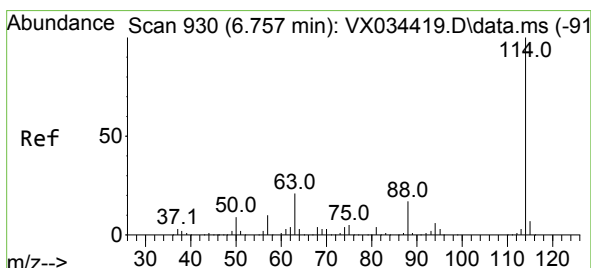
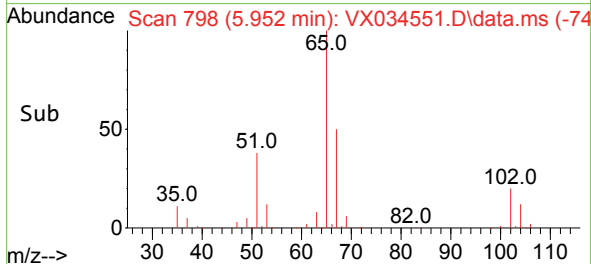
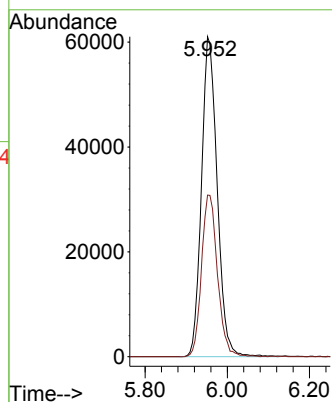
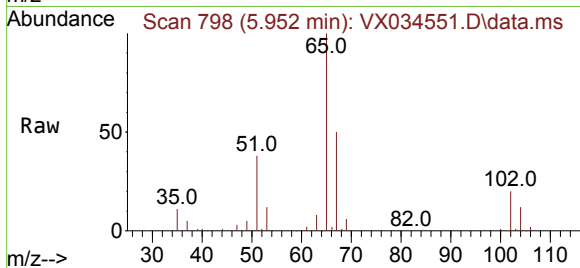
EB02-20230313

Tgt Ion: 65 Resp: 161877

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034551.D

Acq: 16 Mar 2023 17:22

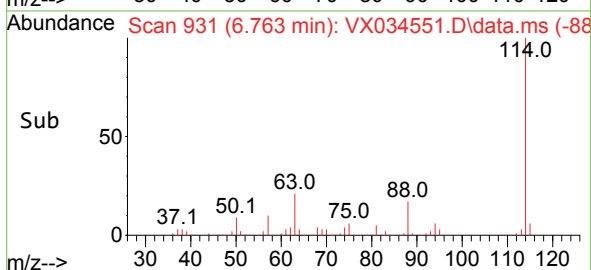
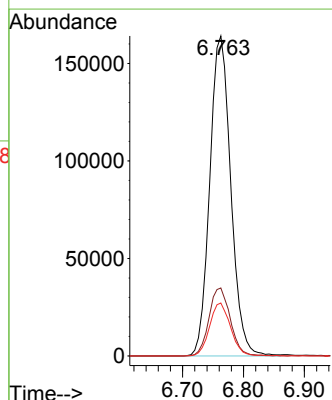
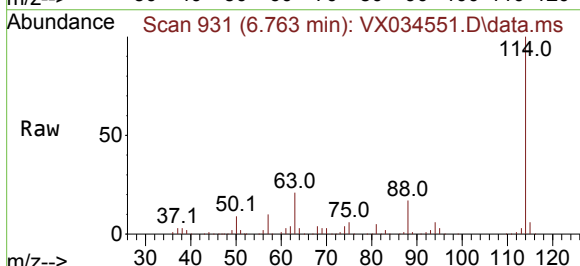
Tgt Ion: 114 Resp: 393973

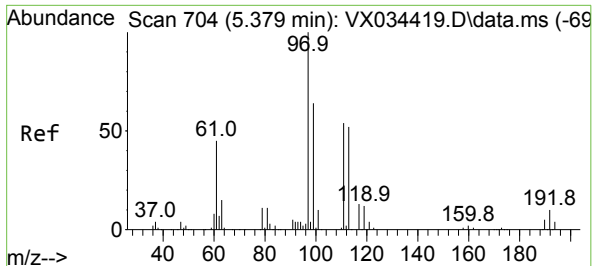
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.2

88 16.6 0.0 33.2

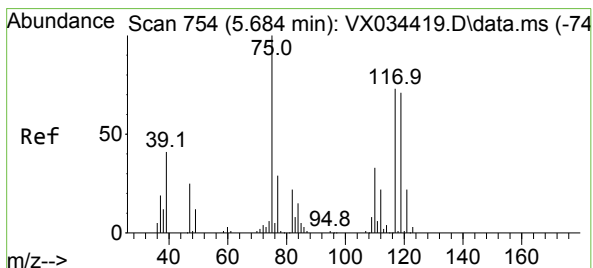
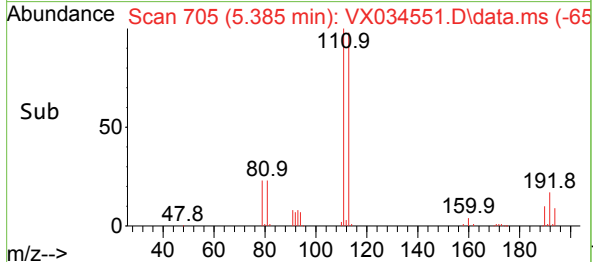
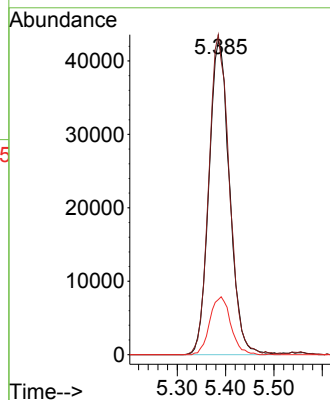
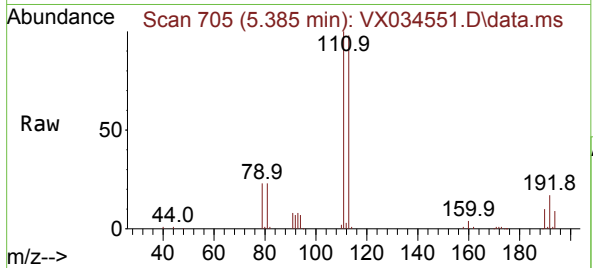




#35
Dibromofluoromethane
Concen: 48.628 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

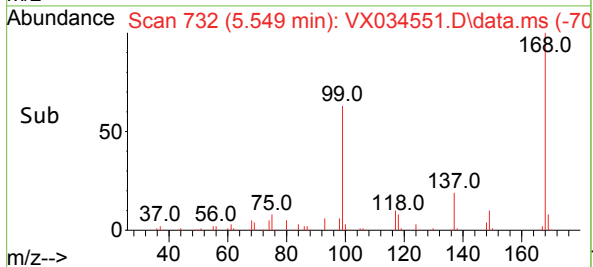
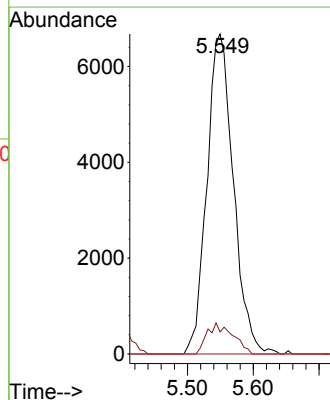
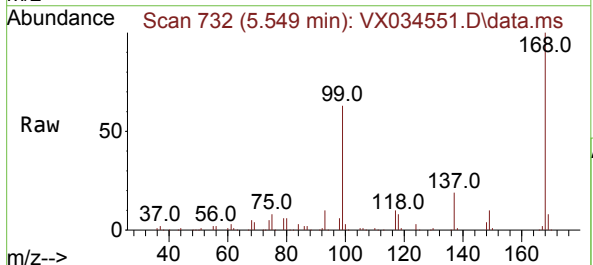
Instrument :
MSVOA_X
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EB02-20230313

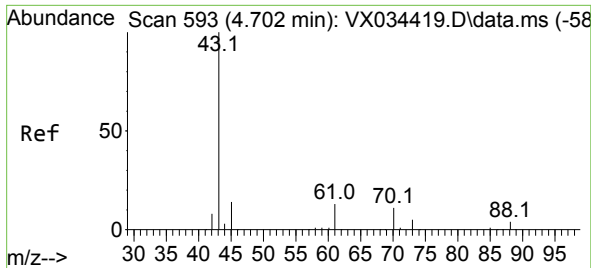
Tgt Ion:113 Resp: 126492
Ion Ratio Lower Upper
113 100
111 101.4 83.7 125.5
192 18.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.686 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

Tgt Ion: 75 Resp: 18722
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 1.519 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.122 min

Lab File: VX034551.D

Acq: 16 Mar 2023 17:22

Instrument :

MSVOA_X

ClientSampleId :

EB02-20230313

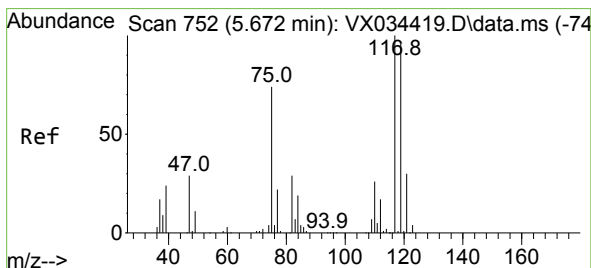
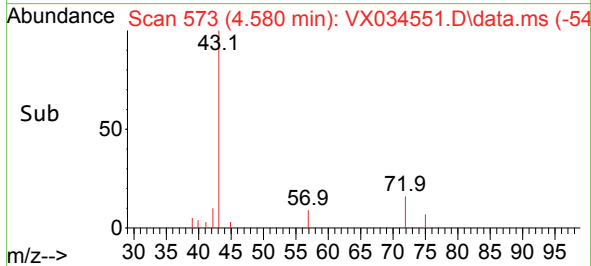
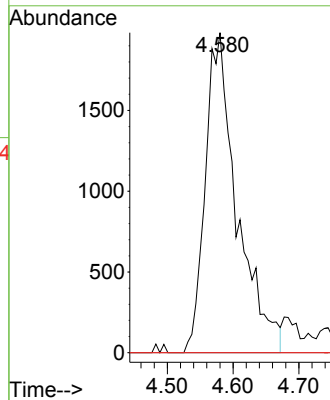
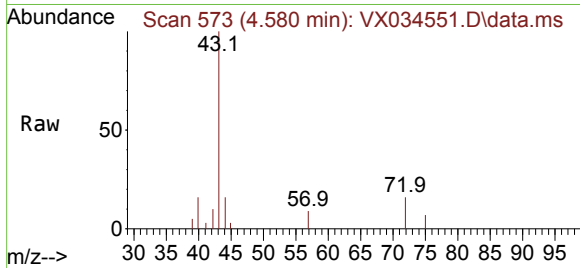
Tgt Ion: 43 Resp: 6629

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 6.080 ug/l

RT: 5.555 min Scan# 733

Delta R.T. -0.116 min

Lab File: VX034551.D

Acq: 16 Mar 2023 17:22

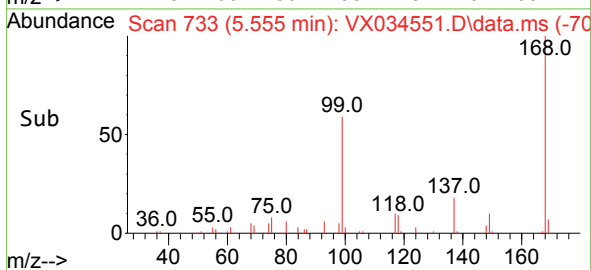
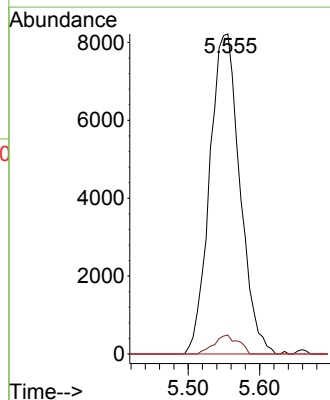
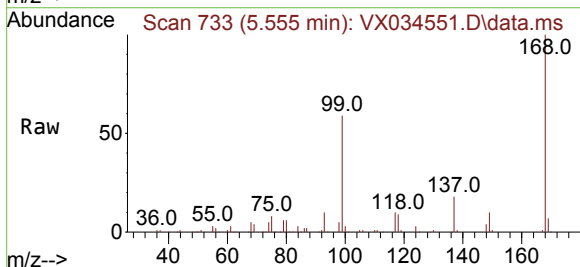
Tgt Ion: 117 Resp: 24165

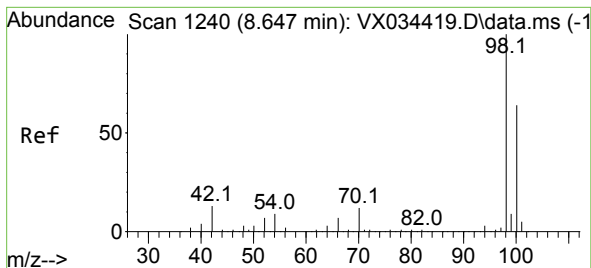
Ion Ratio Lower Upper

117 100

119 5.9 76.6 114.8#

121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 49.178 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034551.D

Acq: 16 Mar 2023 17:22

Instrument :

MSVOA_X

ClientSampleId :

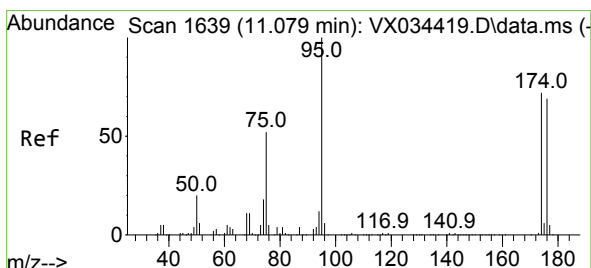
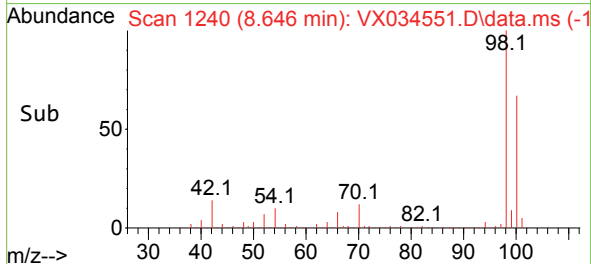
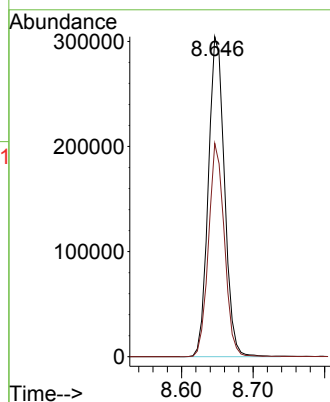
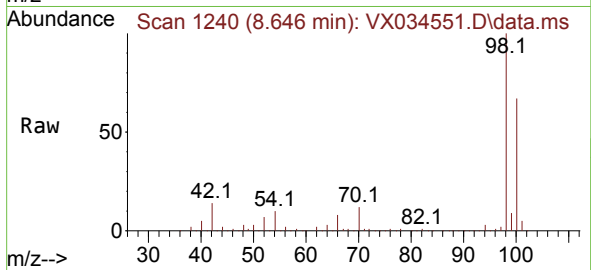
EB02-20230313

Tgt Ion: 98 Resp: 477542

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 45.233 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034551.D

Acq: 16 Mar 2023 17:22

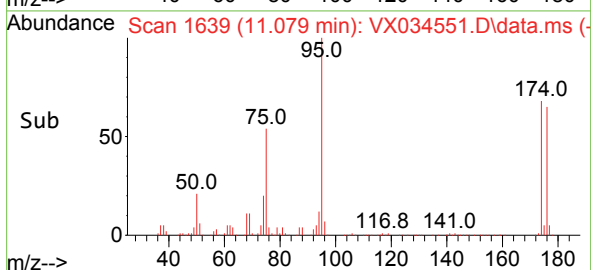
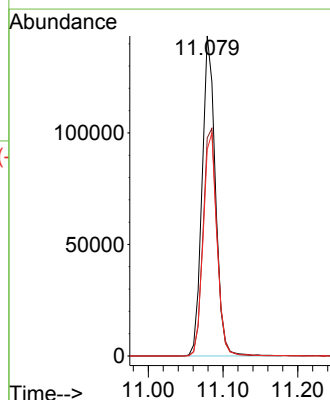
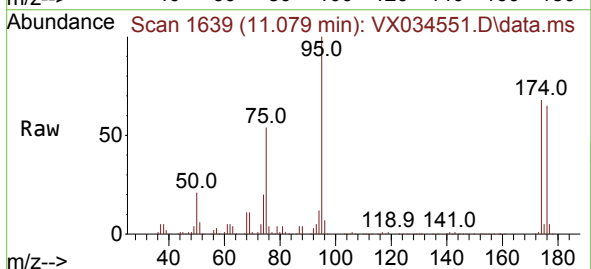
Tgt Ion: 95 Resp: 177418

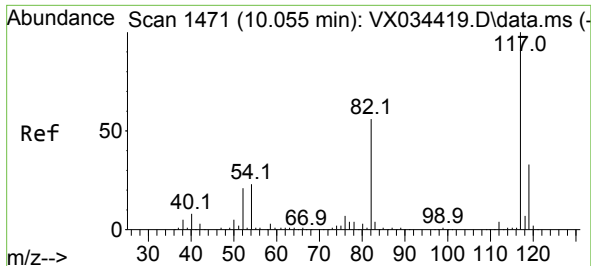
Ion Ratio Lower Upper

95 100

174 74.5 0.0 147.4

176 72.0 0.0 140.6

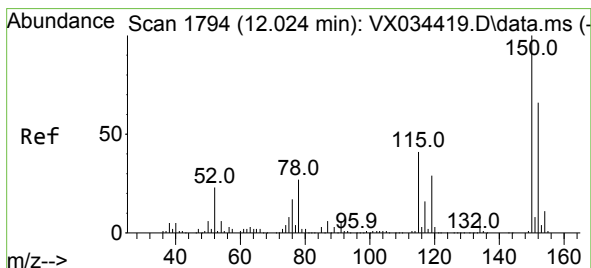
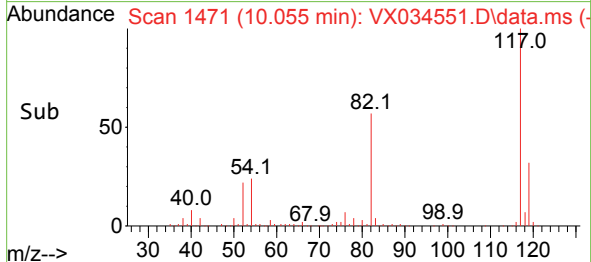
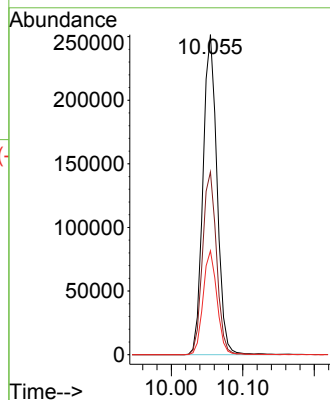
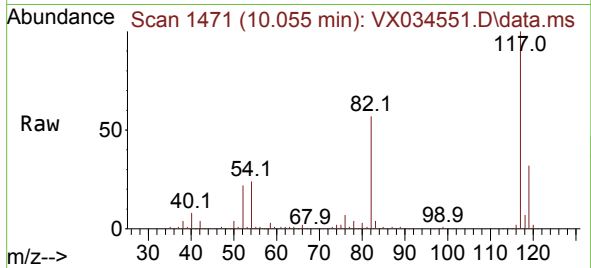




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

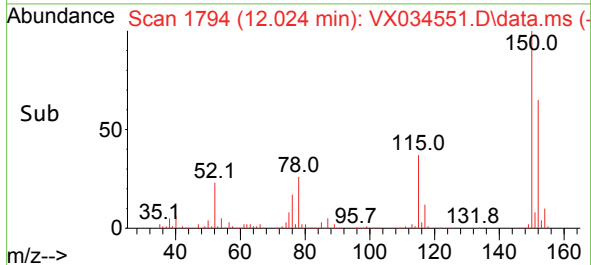
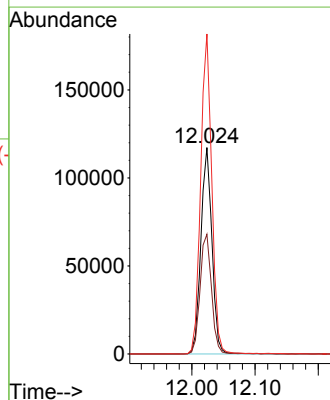
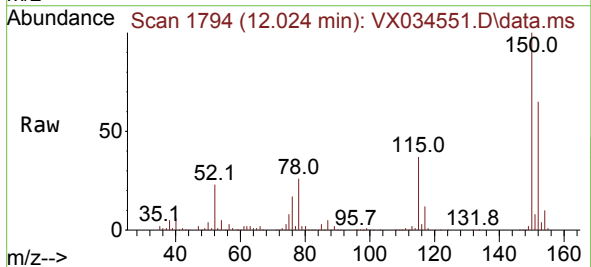
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230313

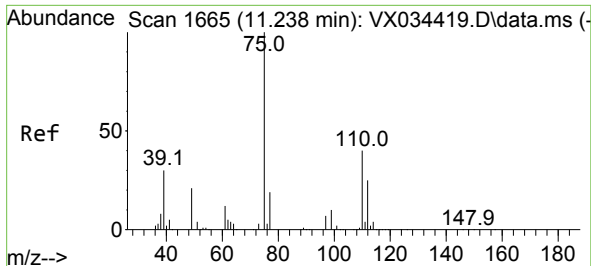
Tgt Ion:117 Resp: 342791
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 32.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

Tgt Ion:152 Resp: 143073
Ion Ratio Lower Upper
152 100
115 60.1 45.0 135.0
150 155.4 0.0 352.4

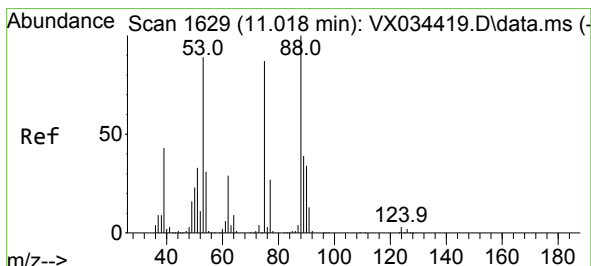
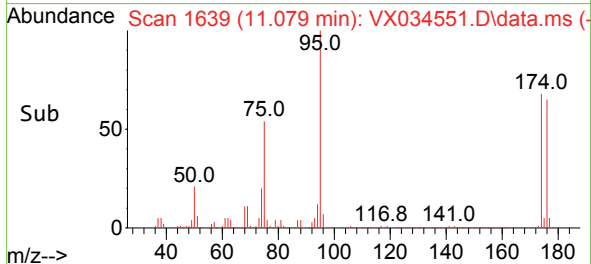
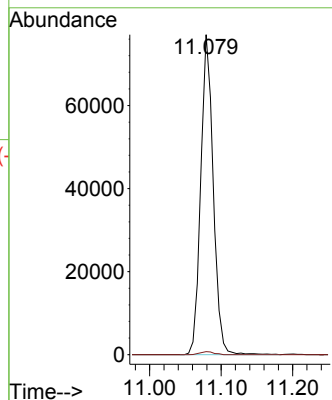
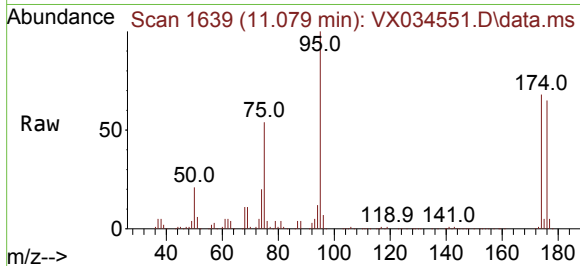




#76
1,2,3-Trichloropropane
Concen: 28.464 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

Instrument :
MSVOA_X
ClientSampleId :
EB02-20230313

Tgt Ion: 75 Resp: 93507
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.003 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034551.D
Acq: 16 Mar 2023 17:22

Tgt Ion: 75 Resp: 93507
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

