

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034043.D
 Acq On : 06 Feb 2023 21:21
 Operator : JC/MD
 Sample : 01442-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-3

Quant Time: Feb 07 00:58:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

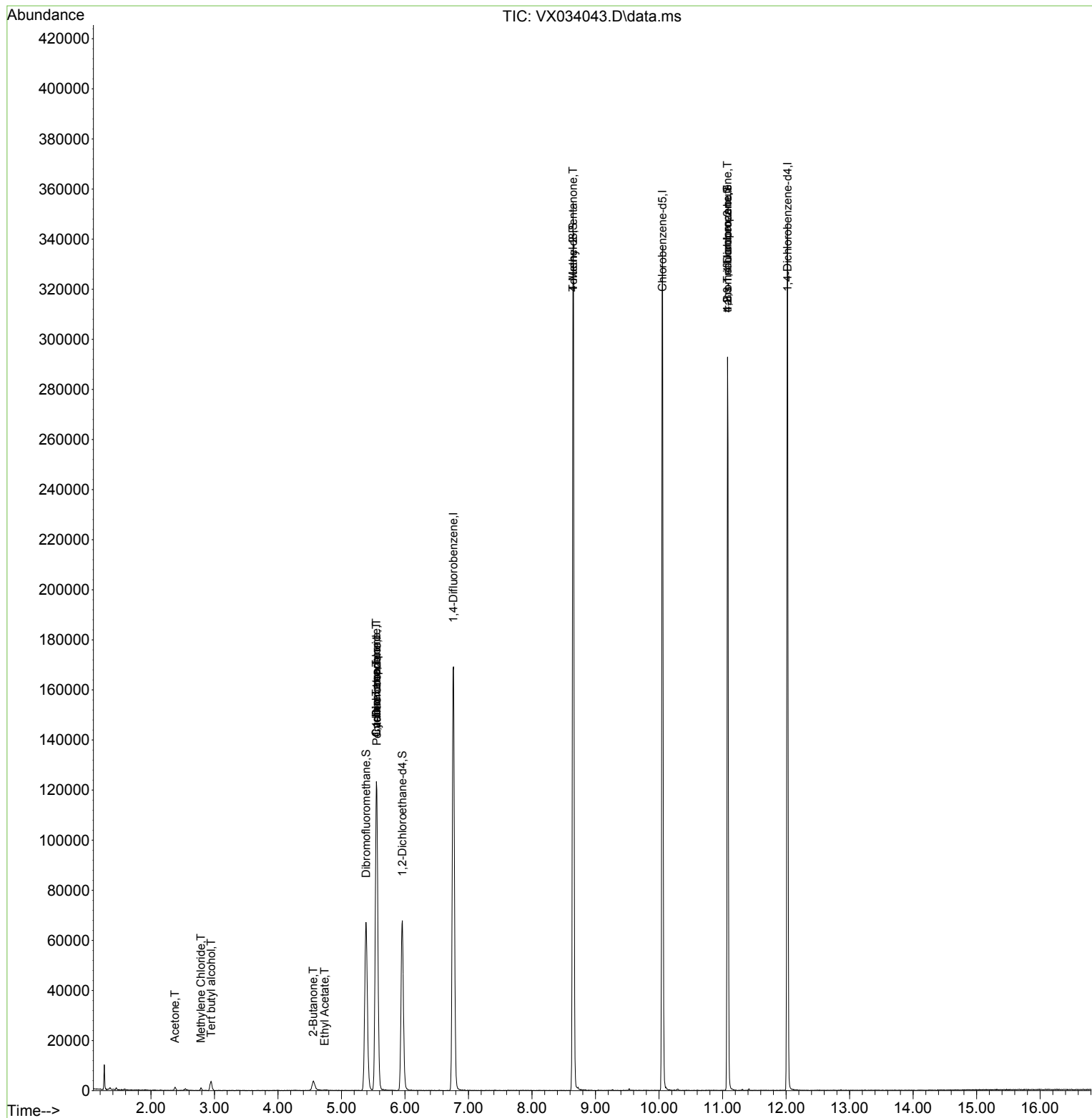
Internal Standards						
1) Pentafluorobenzene	5.556	168	136068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189567	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64102	48.867	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.740%		
35) Dibromofluoromethane	5.385	113	59805	49.570	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	8.647	98	214219	49.282	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.560%		
62) 4-Bromofluorobenzene	11.079	95	75218	48.450	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.900%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	2185	11.889	ug/l #	86
16) Acetone	2.380	43	1318	2.379	ug/l	92
20) Methylene Chloride	2.788	84	409	0.323	ug/l #	81
25) 2-Butanone	4.556	43	189	0.234	ug/l #	51
31) Cyclohexane	5.550	56	1919	1.005	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7674	4.639	ug/l #	49
37) Ethyl Acetate	4.733	43	621	0.403	ug/l #	68
38) Carbon Tetrachloride	5.550	117	11592	6.571	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	862	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35215	24.759	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	35215	76.249	ug/l #	8

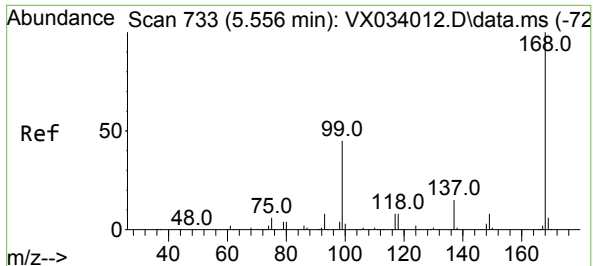
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
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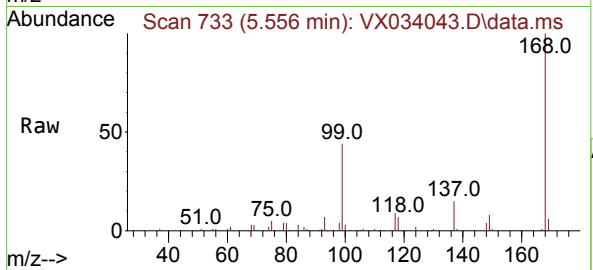
Quant Time: Feb 07 00:58:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
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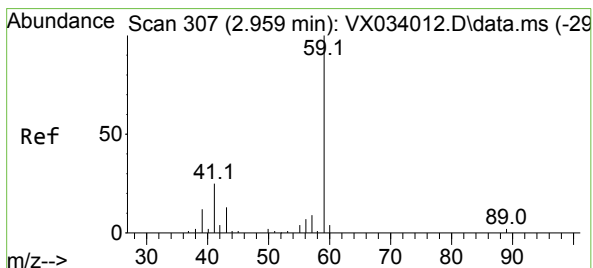
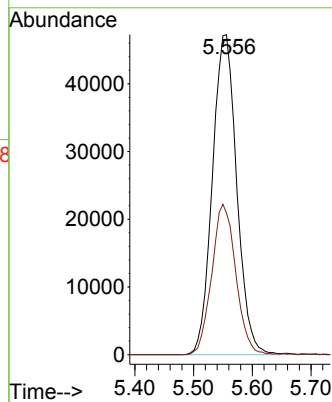
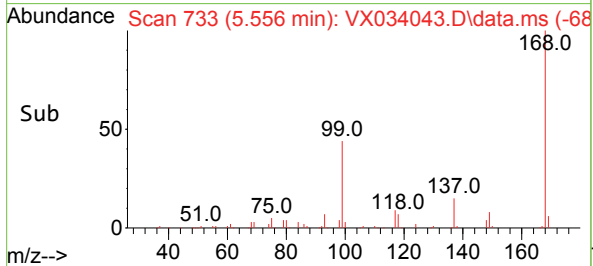


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-3

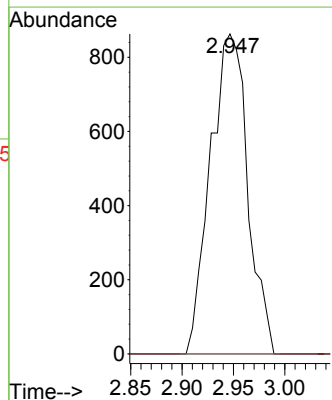
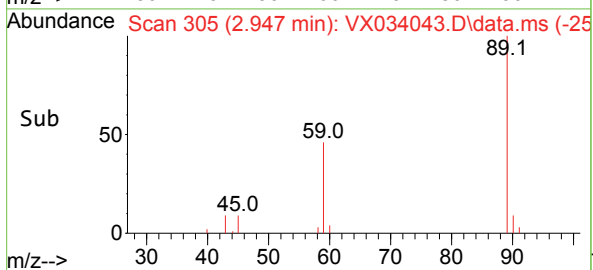
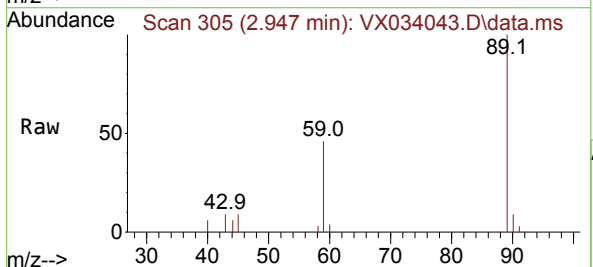


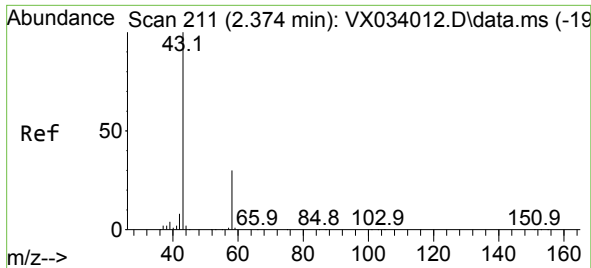
Tgt Ion:168 Resp: 136068
Ion Ratio Lower Upper
168 100
99 44.3 39.6 59.4



#11
Tert butyl alcohol
Concen: 11.889 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

Tgt Ion: 59 Resp: 2185
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

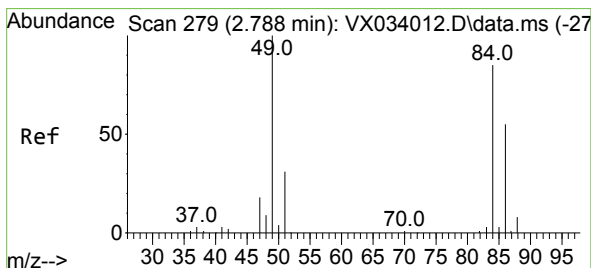
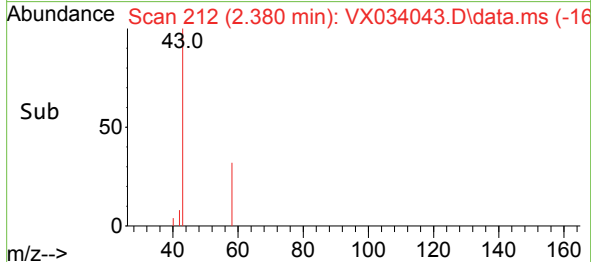
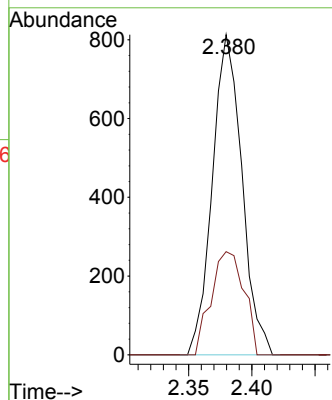
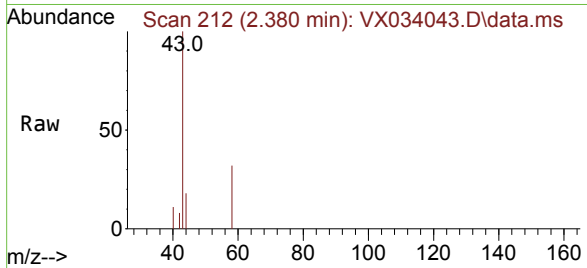




#16
Acetone
Concen: 2.379 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

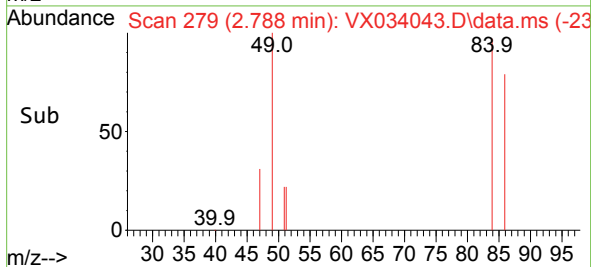
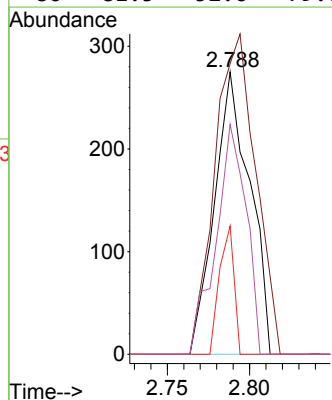
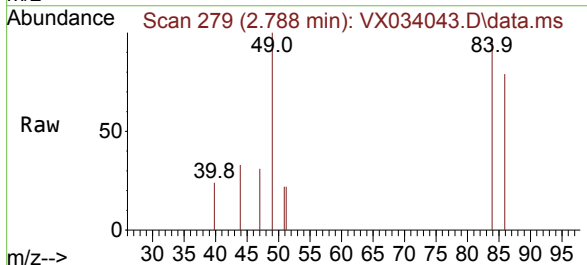
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-3

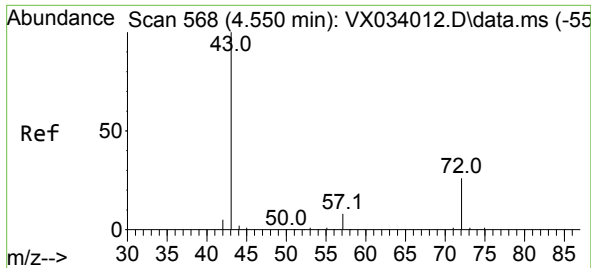
Tgt Ion: 43 Resp: 1318
Ion Ratio Lower Upper
43 100
58 32.2 22.6 33.8



#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

Tgt Ion: 84 Resp: 409
Ion Ratio Lower Upper
84 100
49 102.9 101.1 151.7
51 45.5 31.0 46.6
86 81.5 52.6 79.0#

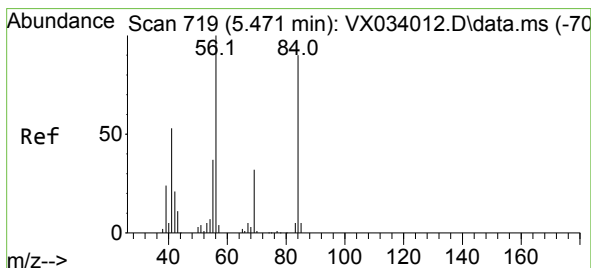
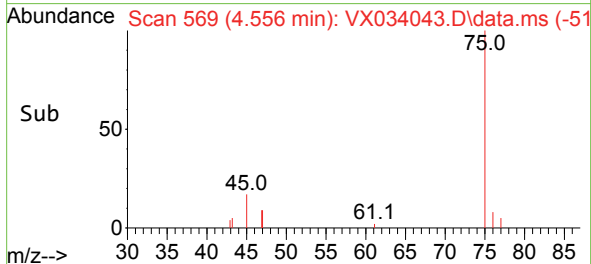
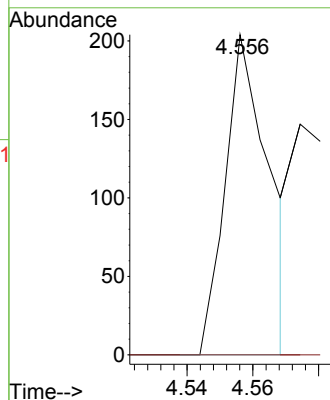
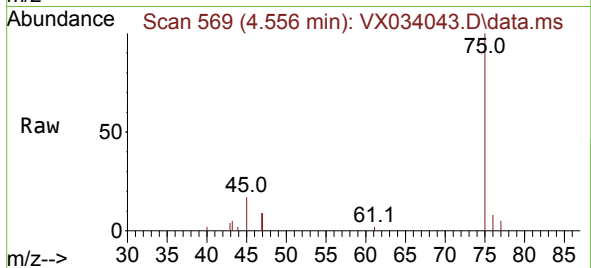




#25
2-Butanone
Concen: 0.234 ug/l
RT: 4.556 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

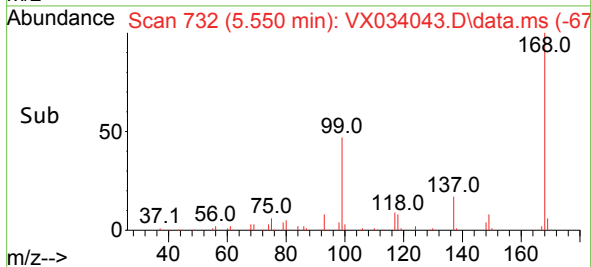
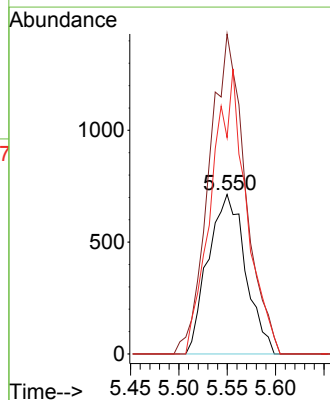
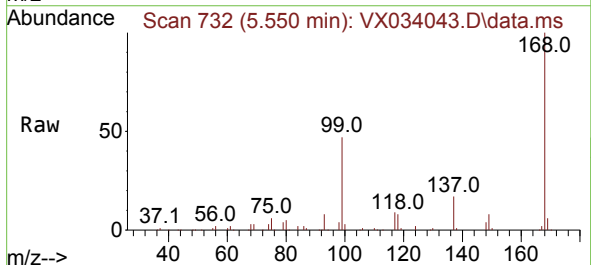
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-3

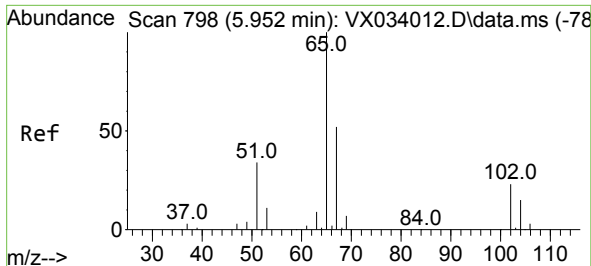
Tgt Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

Tgt Ion: 56 Resp: 1919
Ion Ratio Lower Upper
56 100
69 200.7 24.6 37.0#
84 135.6 71.0 106.6#

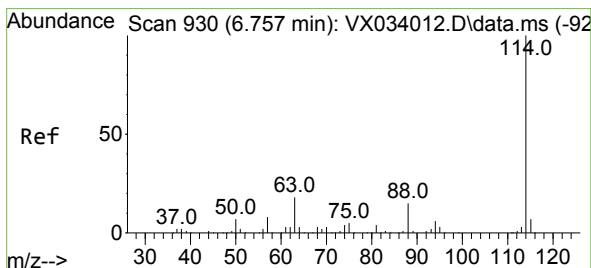
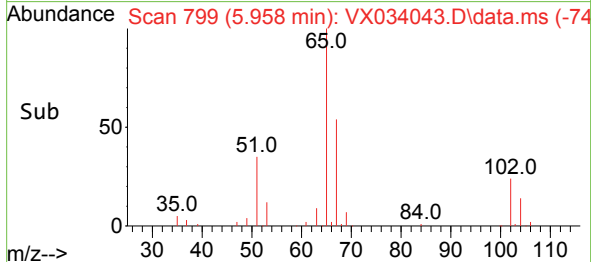
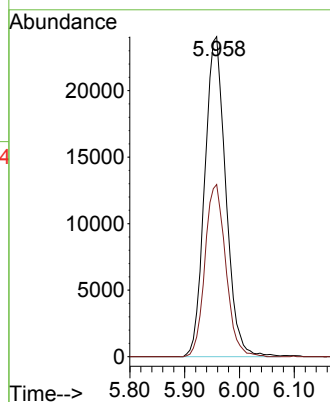
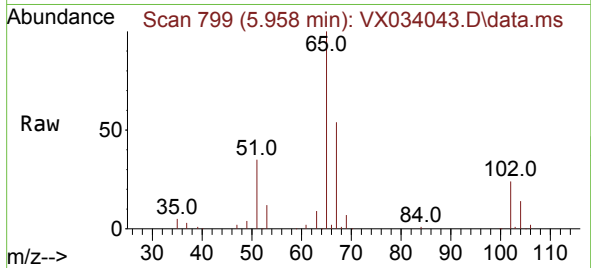




#33
1,2-Dichloroethane-d4
Concen: 48.867 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

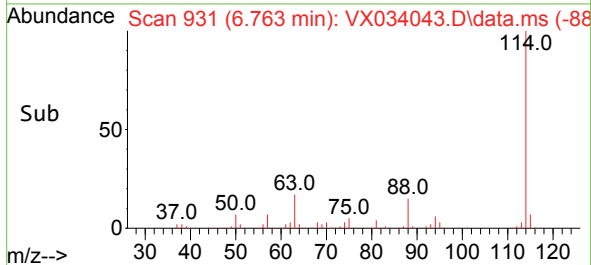
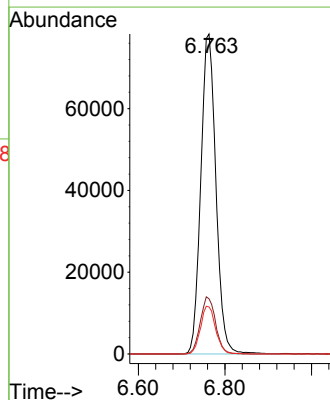
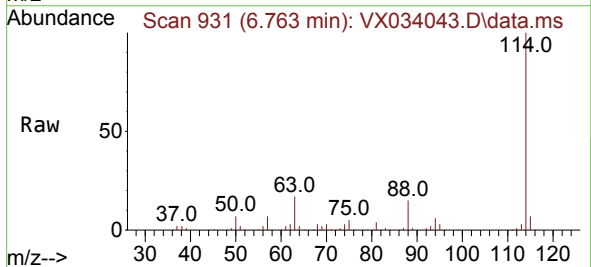
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-3

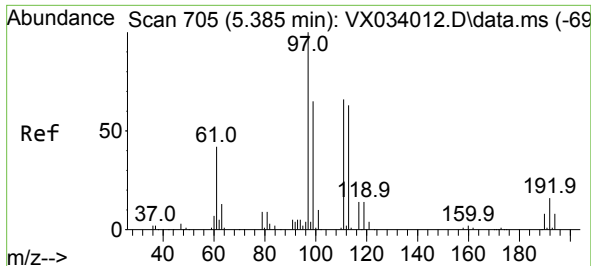
Tgt Ion: 65 Resp: 64102
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

Tgt Ion: 114 Resp: 189567
Ion Ratio Lower Upper
114 100
63 17.3 0.0 37.4
88 14.7 0.0 30.6

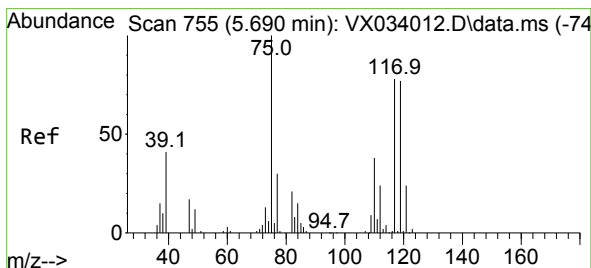
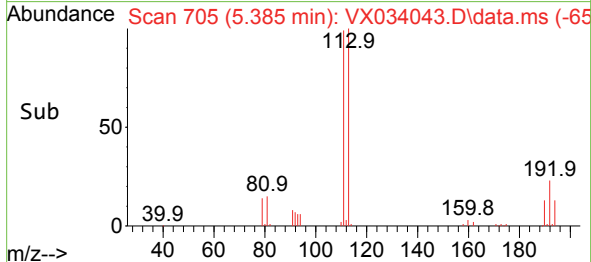
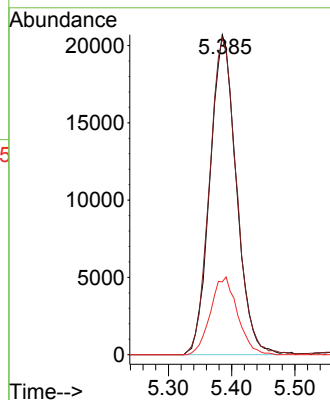
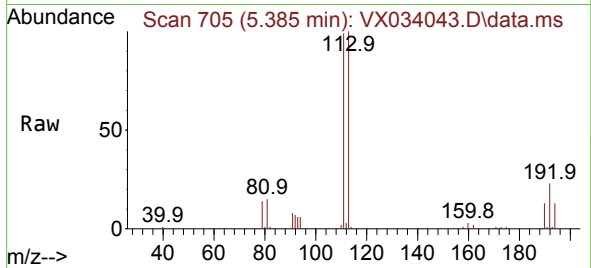




#35
Dibromofluoromethane
Concen: 49.570 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

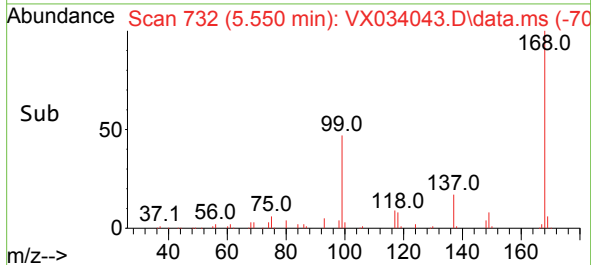
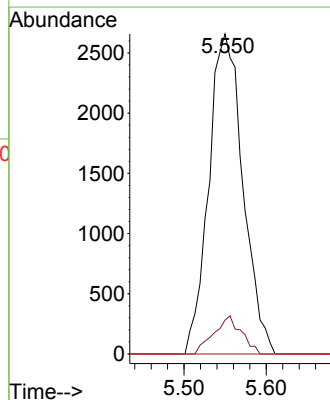
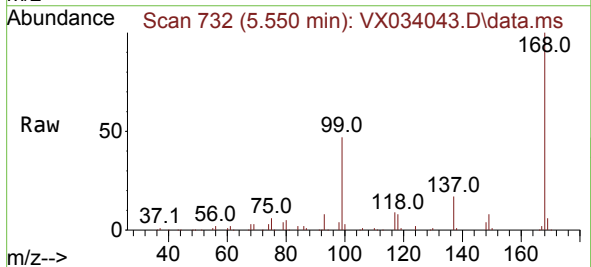
Instrument :
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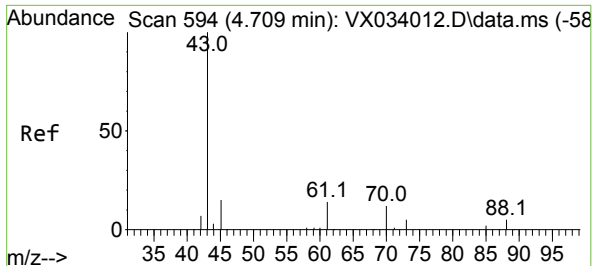
Tgt Ion:113 Resp: 59805
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.6
192 24.9 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.639 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

Tgt Ion: 75 Resp: 7674
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.403 ug/l

RT: 4.733 min Scan# 594

Delta R.T. 0.024 min

Lab File: VX034043.D

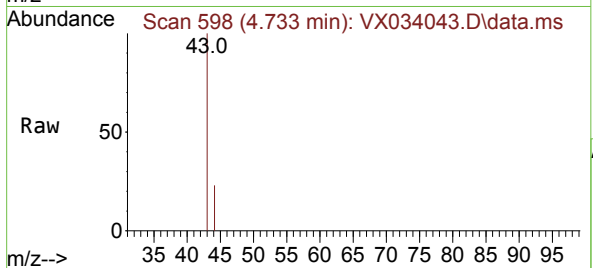
Acq: 06 Feb 2023 21:21

Instrument :

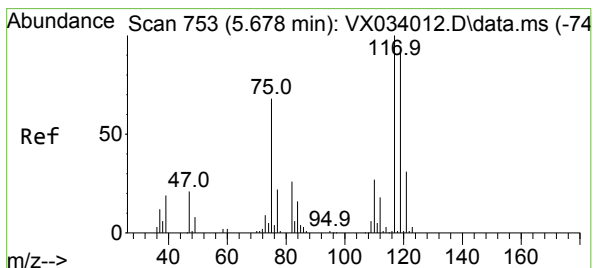
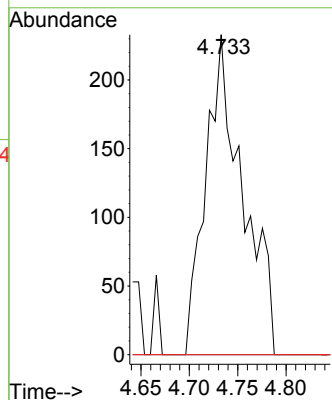
MSVOA_X

ClientSampleId :

EB-2023-2-3



Tgt Ion: 43	Resp: 621
Ion Ratio	Lower Upper
43	100
61	0.0 11.1 16.7#
70	0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.571 ug/l

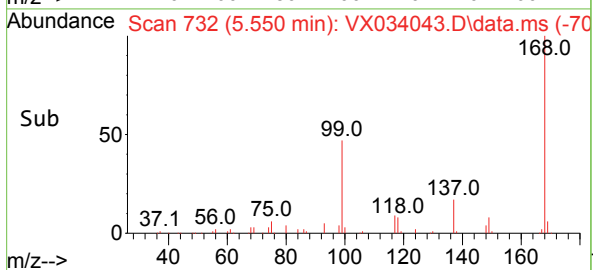
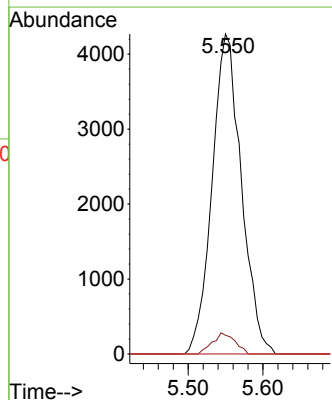
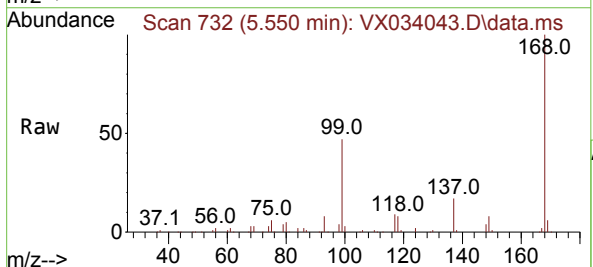
RT: 5.550 min Scan# 732

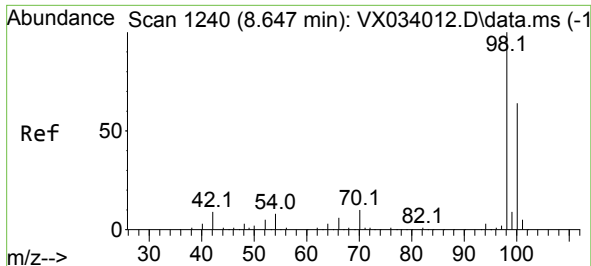
Delta R.T. -0.128 min

Lab File: VX034043.D

Acq: 06 Feb 2023 21:21

Tgt Ion: 117	Resp: 11592
Ion Ratio	Lower Upper
117	100
119	5.9 78.0 117.0#
121	0.0 24.4 36.6#

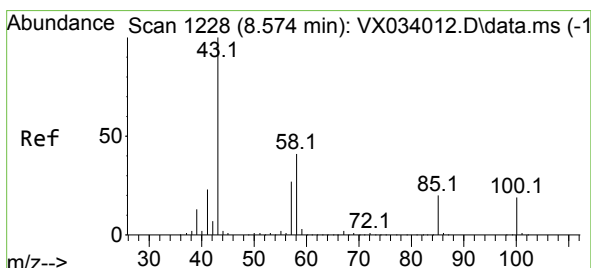
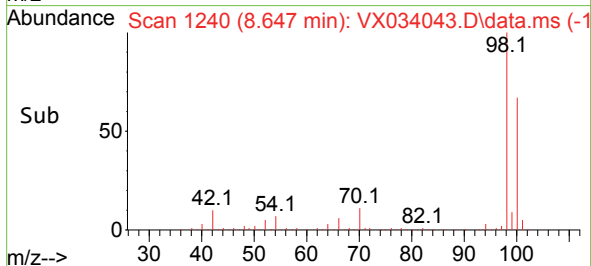
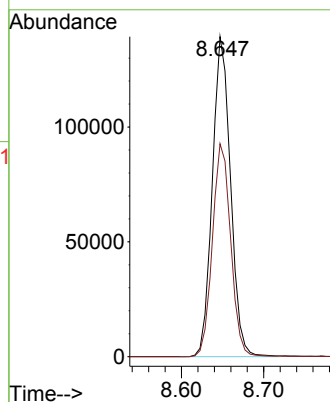
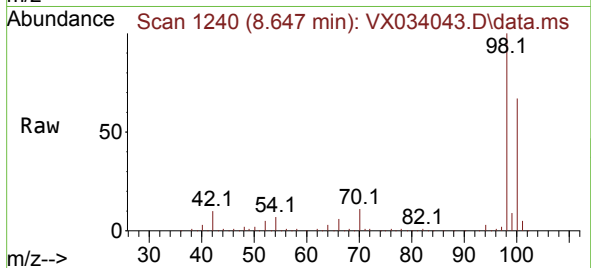




#50
Toluene-d8
Concen: 49.282 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

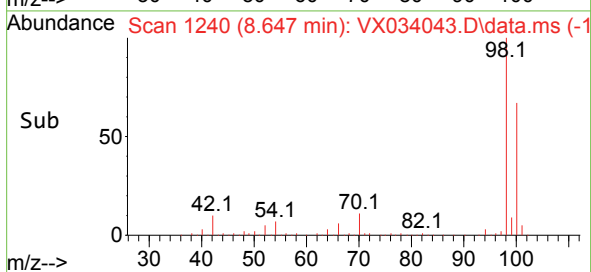
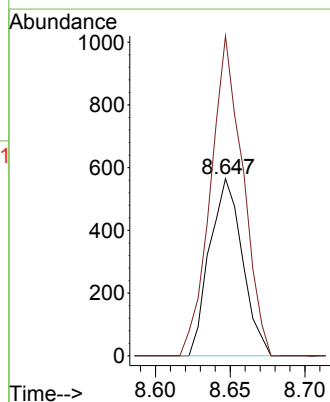
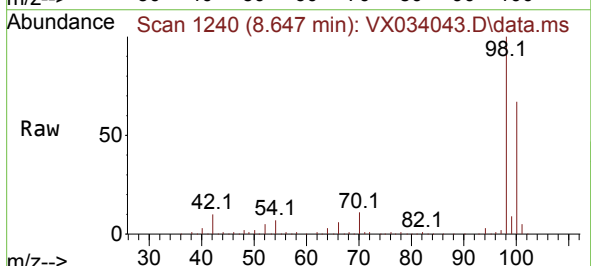
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-3

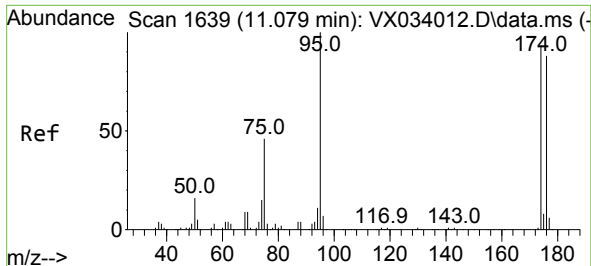
Tgt Ion: 98 Resp: 214219
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 177.6 31.2 46.8#

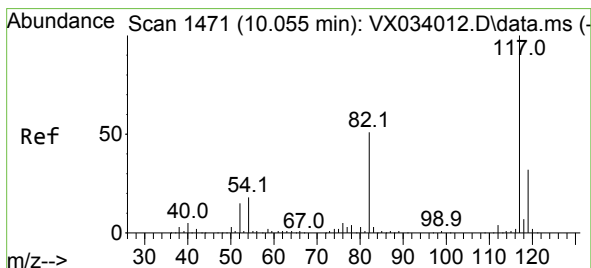
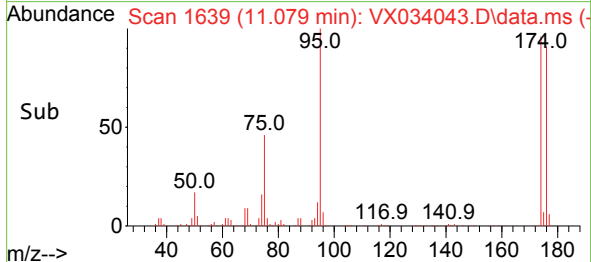
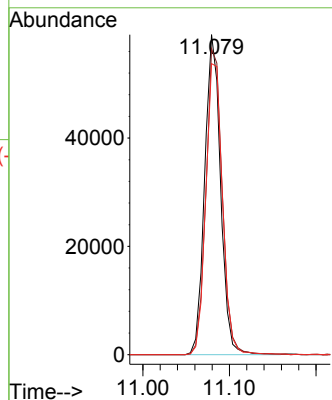
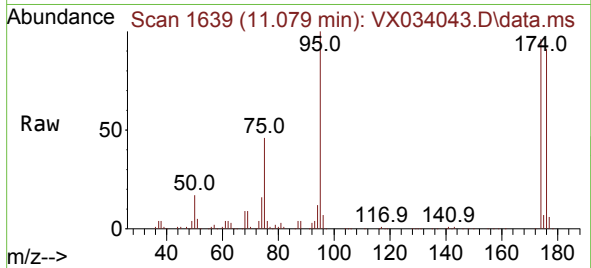




#62
4-Bromofluorobenzene
Concen: 48.450 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

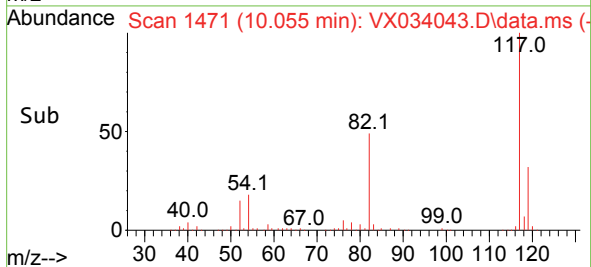
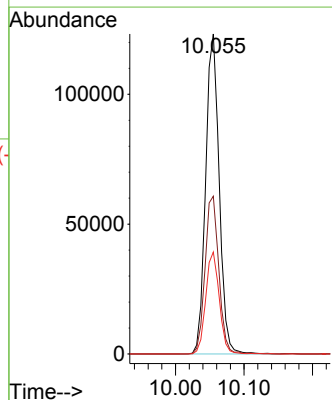
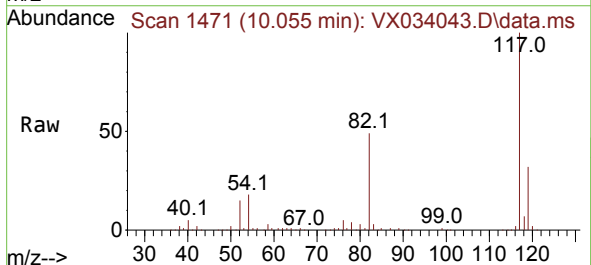
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-3

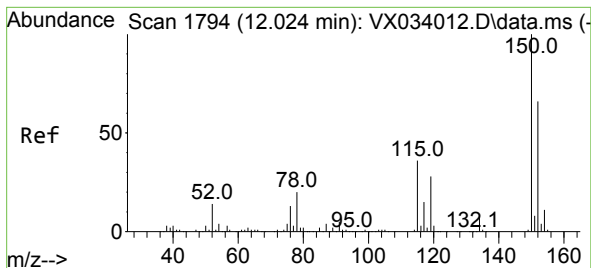
Tgt Ion: 95 Resp: 75218
Ion Ratio Lower Upper
95 100
174 98.3 0.0 184.4
176 96.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

Tgt Ion: 117 Resp: 169825
Ion Ratio Lower Upper
117 100
82 49.3 40.6 60.8
119 31.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034043.D

Acq: 06 Feb 2023 21:21

Instrument :

MSVOA_X

ClientSampleId :

EB-2023-2-3

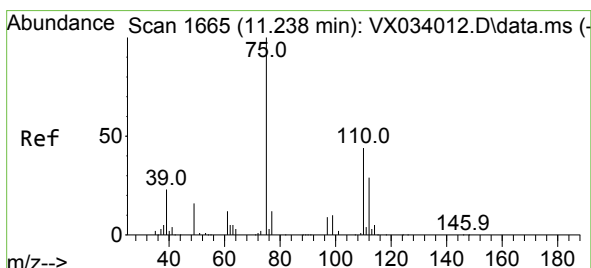
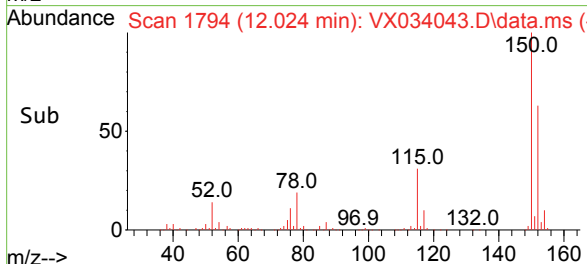
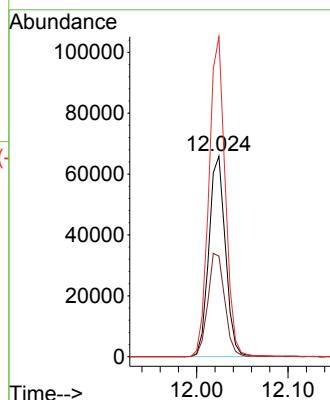
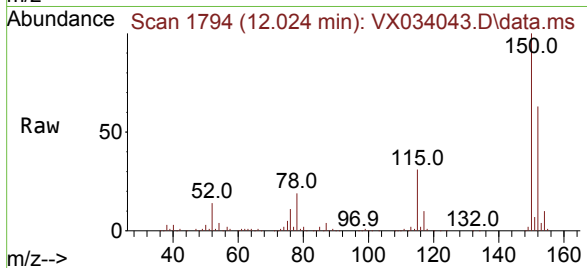
Tgt Ion:152 Resp: 82833

Ion Ratio Lower Upper

152 100

115 52.7 38.7 116.1

150 157.3 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 24.759 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034043.D

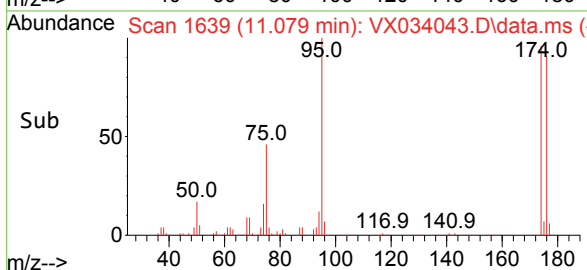
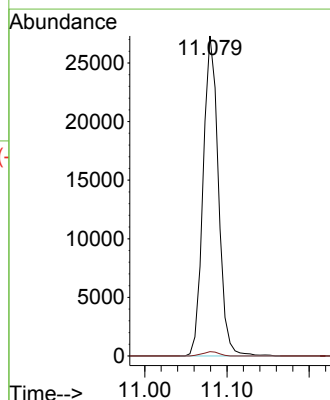
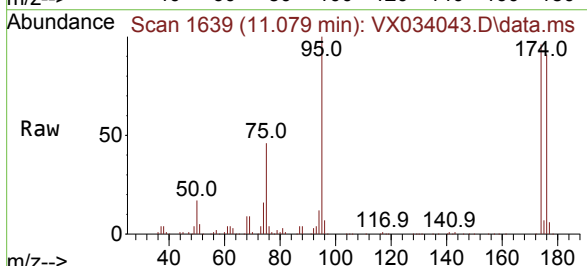
Acq: 06 Feb 2023 21:21

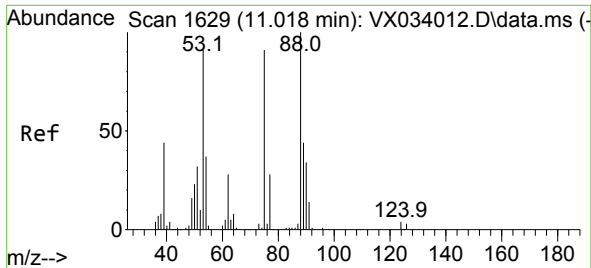
Tgt Ion: 75 Resp: 35215

Ion Ratio Lower Upper

75 100

77 1.4 21.8 65.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.249 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX034043.D
Acq: 06 Feb 2023 21:21

Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-3

Tgt Ion: 75 Resp: 35215
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

