

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034117.D
 Acq On : 10 Feb 2023 16:15
 Operator : JC/MD
 Sample : 01516-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWBR-01-160-180-020923

Quant Time: Feb 11 00:35:38 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)

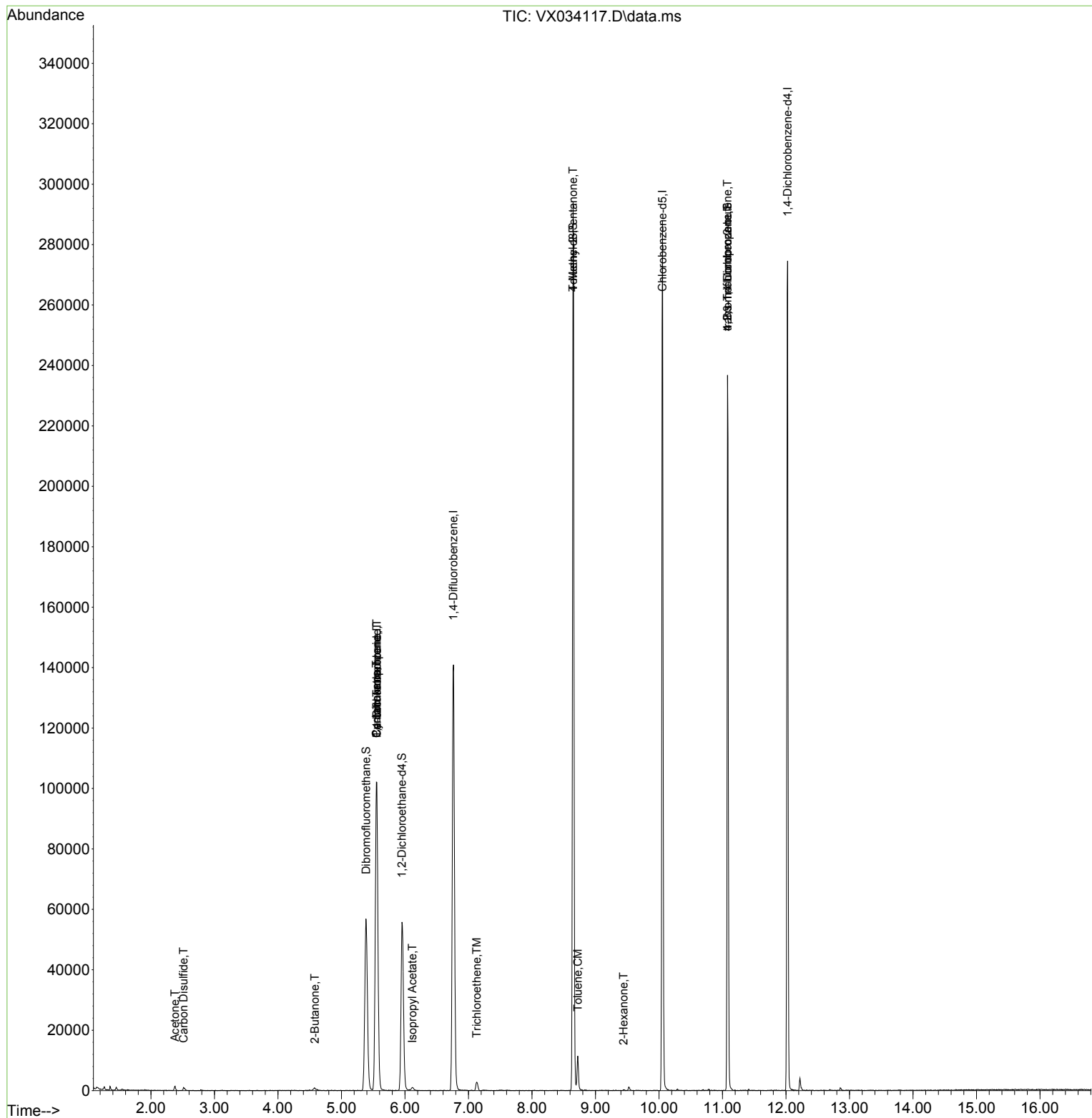
Internal Standards						
1) Pentafluorobenzene	5.556	168	111782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55559	51.557	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.120%	
35) Dibromofluoromethane	5.385	113	50174	50.707	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.420%	
50) Toluene-d8	8.647	98	176208	49.426	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.860%	
62) 4-Bromofluorobenzene	11.079	95	61142	48.019	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.040%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1496	3.287	ug/l	91
17) Carbon Disulfide	2.514	76	911	0.392	ug/l #	76
25) 2-Butanone	4.581	43	1639	2.473	ug/l	96
31) Cyclohexane	5.550	56	1632	1.040	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6671	4.917	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9886	6.832	ug/l #	14
43) Isopropyl Acetate	6.117	43	1071	0.543	ug/l #	61
44) Trichloroethene	7.129	130	1449	1.201	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	695	0.562	ug/l #	1
52) Toluene	8.720	92	4620	1.816	ug/l	94
59) 2-Hexanone	9.439	43	317	0.350	ug/l #	35
76) 1,2,3-Trichloropropane	11.079	75	29262	26.087	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	29262	80.338	ug/l #	8

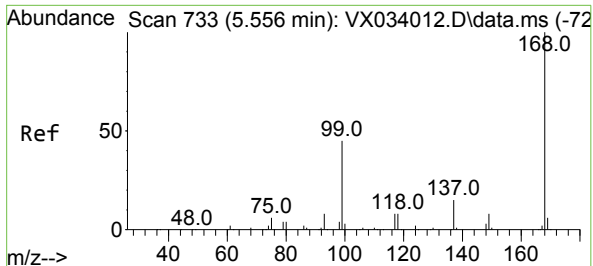
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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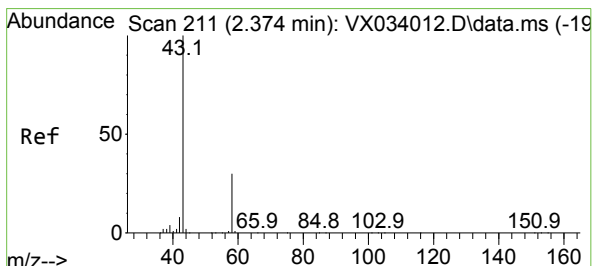
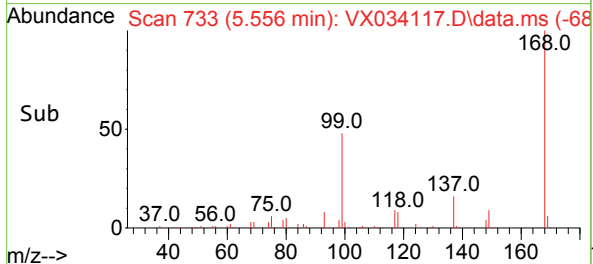
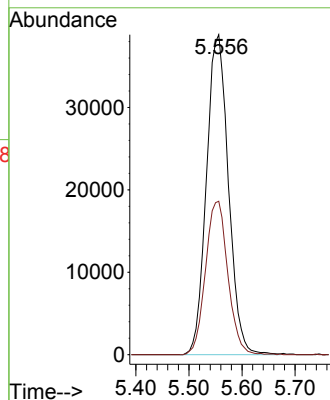
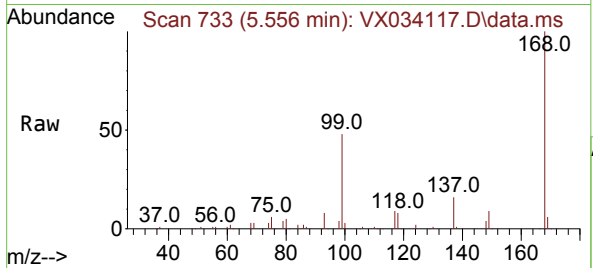




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

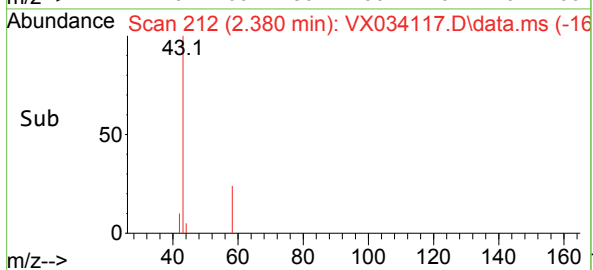
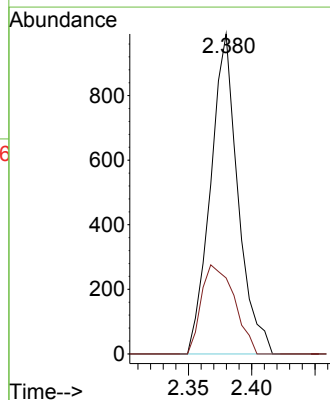
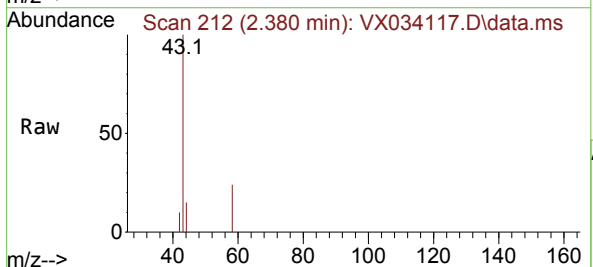
Instrument :
MSVOA_X
ClientSampleId :
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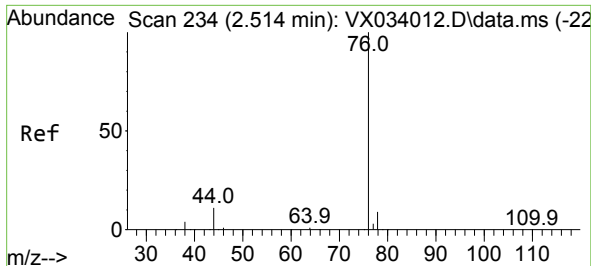
Tgt Ion:168 Resp: 111782
Ion Ratio Lower Upper
168 100
99 47.9 39.6 59.4



#16
Acetone
Concen: 3.287 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
58 23.7 22.6 33.8

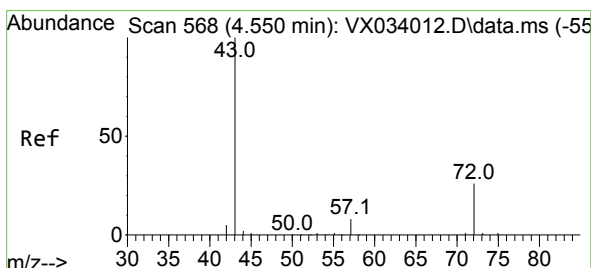
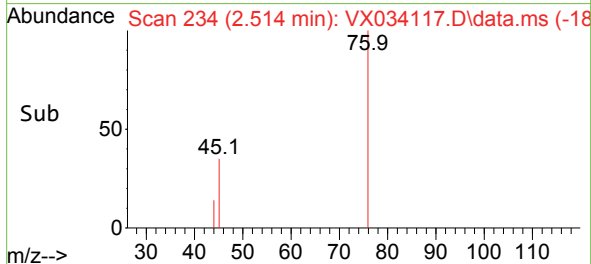
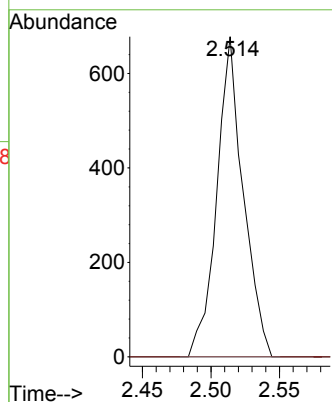
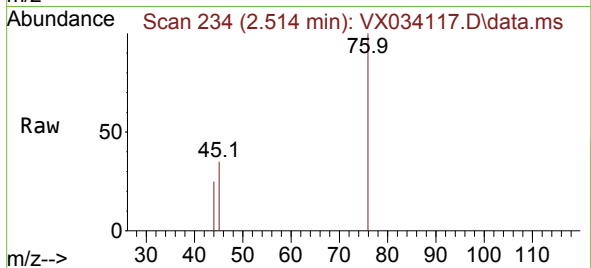




#17
Carbon Disulfide
Concen: 0.392 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

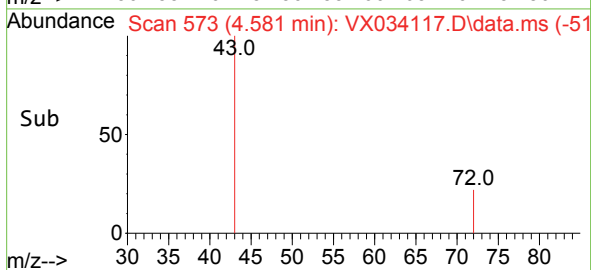
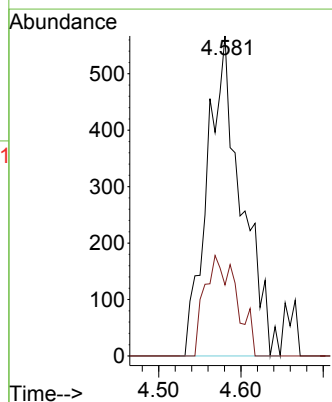
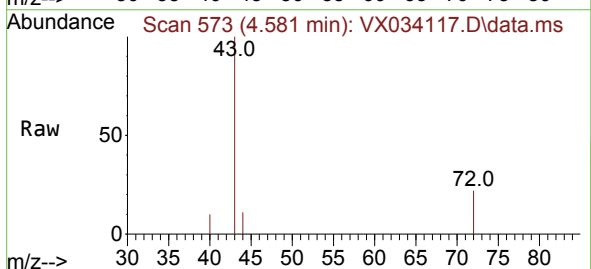
Instrument :
MSVOA_X
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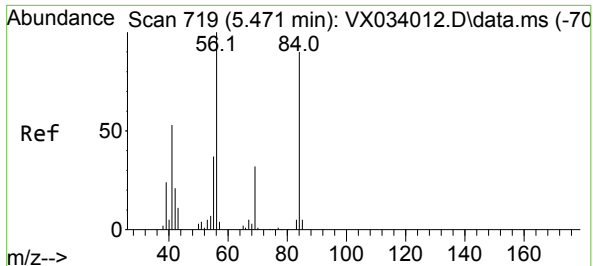
Tgt Ion: 76 Resp: 911
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#25
2-Butanone
Concen: 2.473 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.031 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

Tgt Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
72 22.2 19.4 29.2

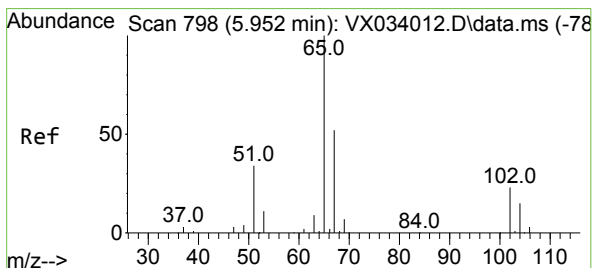
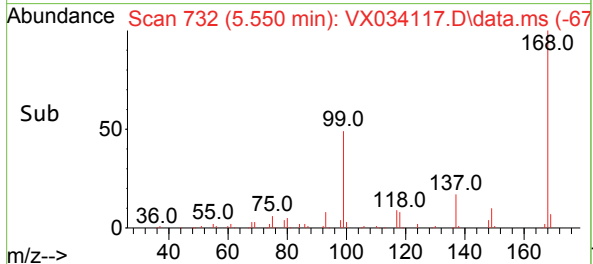
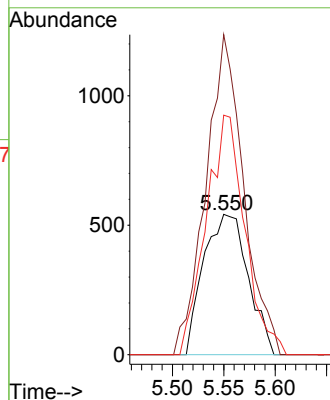
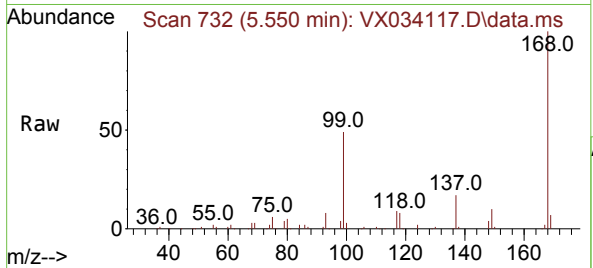




#31
Cyclohexane
Concen: 1.040 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

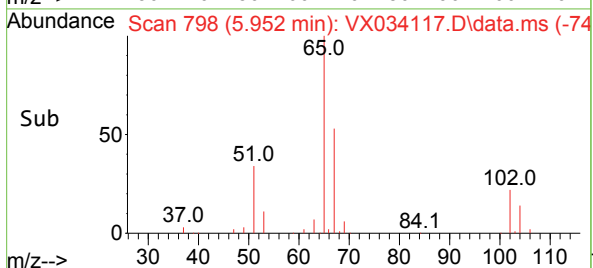
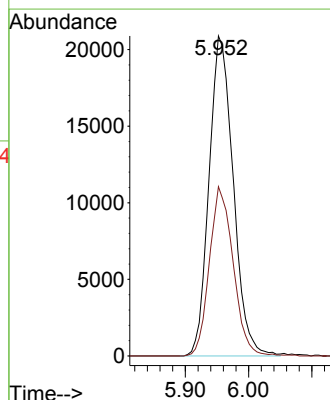
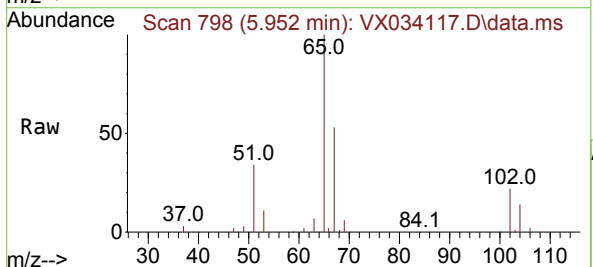
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-020923

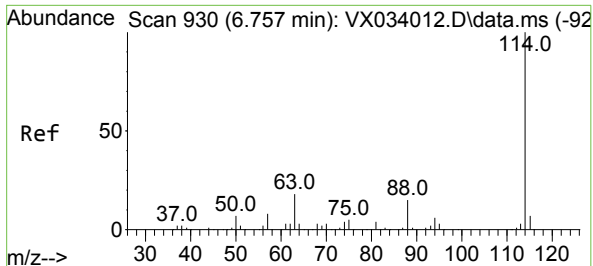
Tgt Ion: 56 Resp: 1632
Ion Ratio Lower Upper
56 100
69 228.0 24.6 37.0#
84 170.7 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 51.557 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

Tgt Ion: 65 Resp: 55559
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

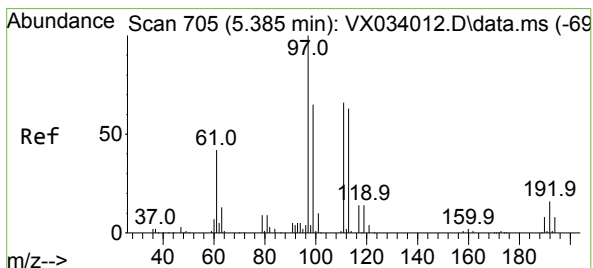
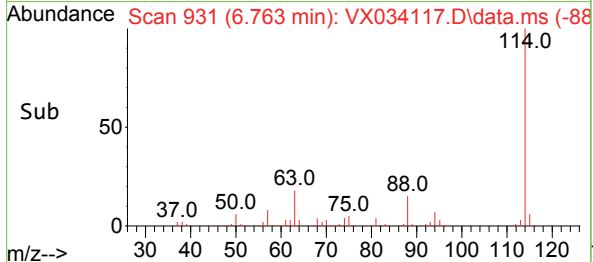
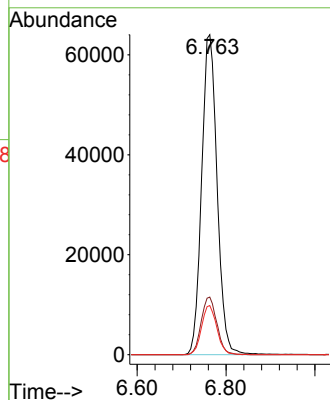
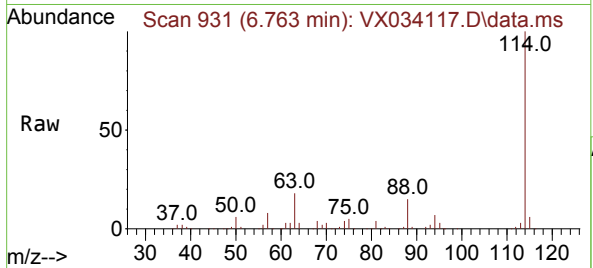




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

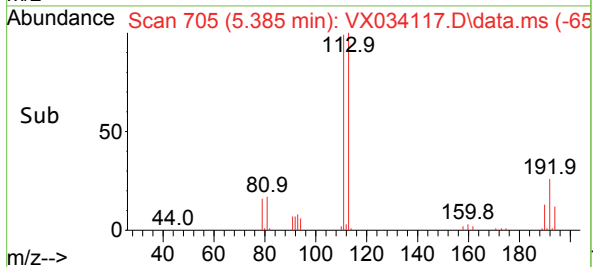
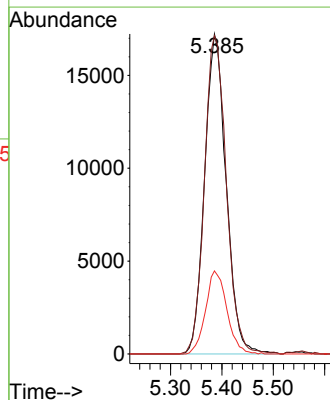
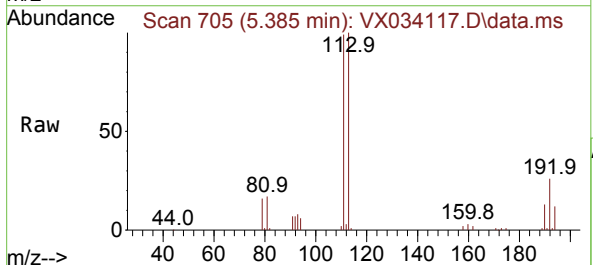
Instrument :
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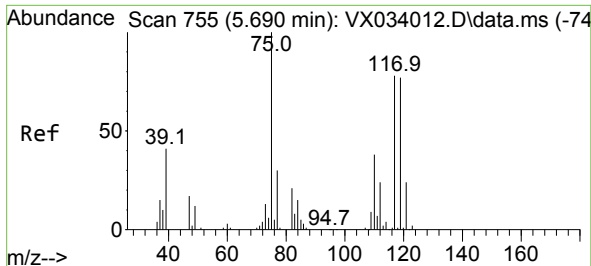
Tgt Ion:114 Resp: 155476
Ion Ratio Lower Upper
114 100
63 18.0 0.0 37.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.707 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

Tgt Ion:113 Resp: 50174
Ion Ratio Lower Upper
113 100
111 101.0 83.0 124.6
192 25.7 19.0 28.4

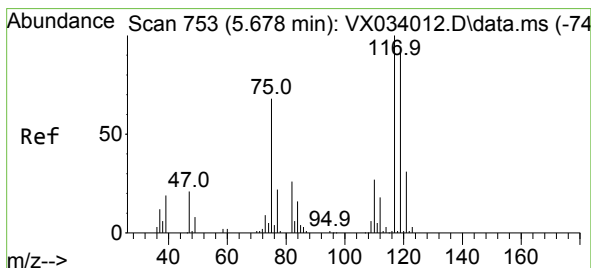
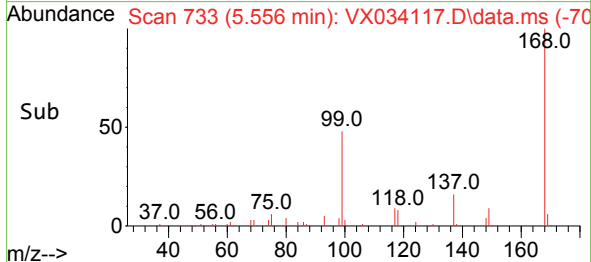
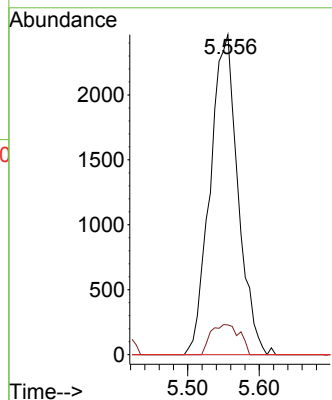
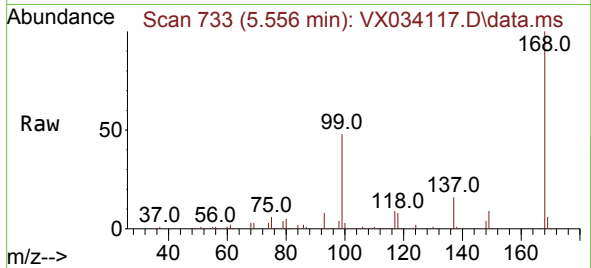




#36
1,1-Dichloropropene
Concen: 4.917 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

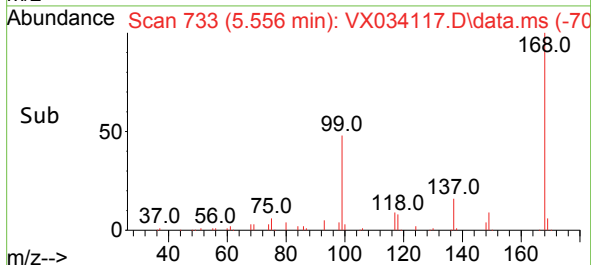
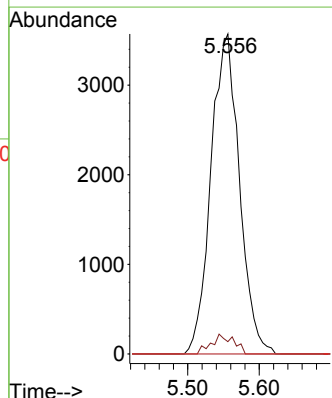
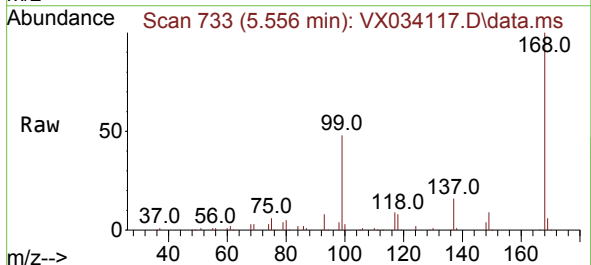
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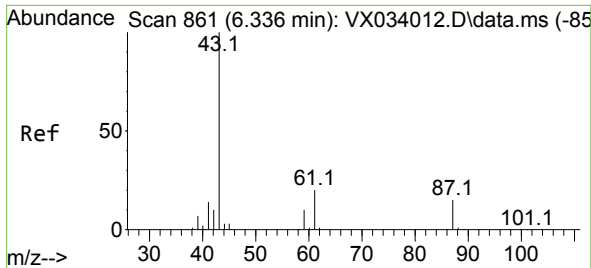
Tgt Ion: 75 Resp: 6671
Ion Ratio Lower Upper
75 100
110 9.7 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.832 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

Tgt Ion: 117 Resp: 9886
Ion Ratio Lower Upper
117 100
119 3.8 78.0 117.0#
121 0.0 24.4 36.6#

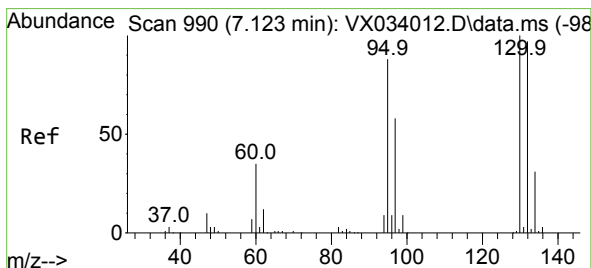
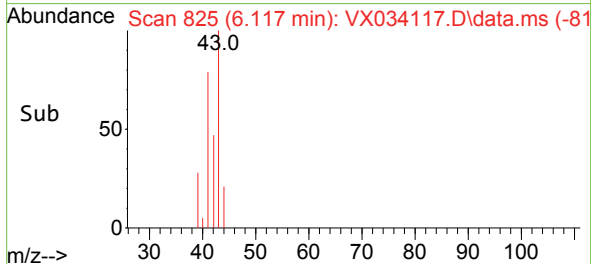
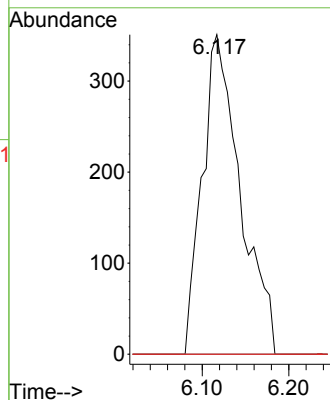
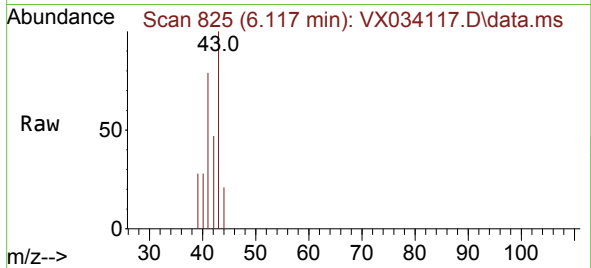




#43
Isopropyl Acetate
Concen: 0.543 ug/l
RT: 6.117 min Scan# 81
Delta R.T. -0.219 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

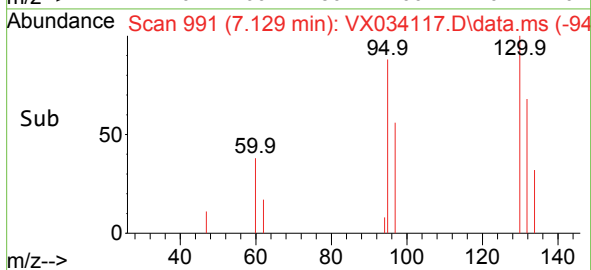
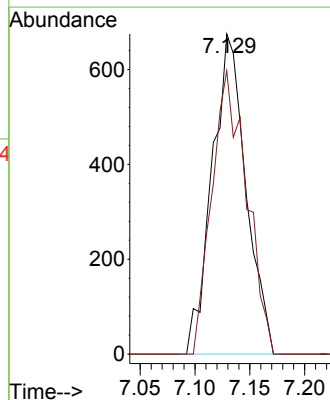
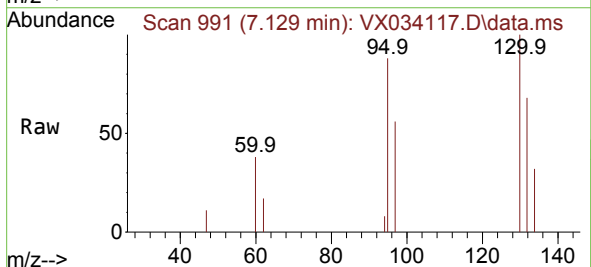
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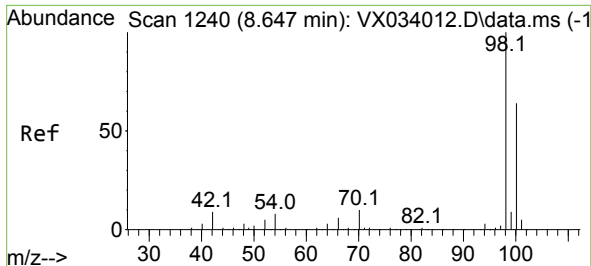
Tgt Ion: 43 Resp: 1071
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 0.0 10.6 15.8#



#44
Trichloroethene
Concen: 1.201 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

Tgt Ion:130 Resp: 1449
Ion Ratio Lower Upper
130 100
95 88.4 0.0 182.6

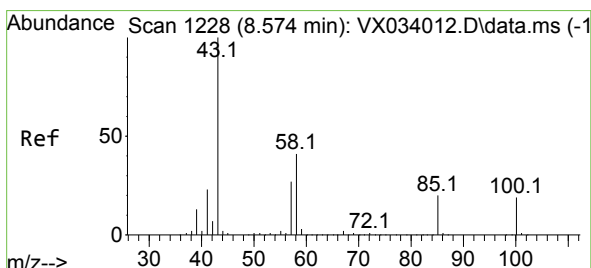
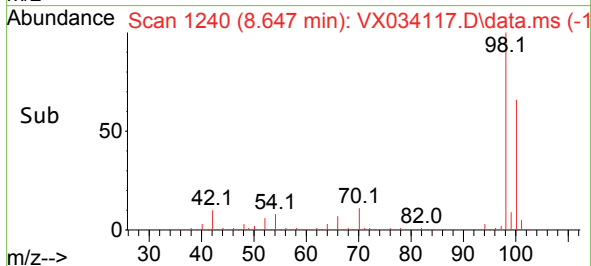
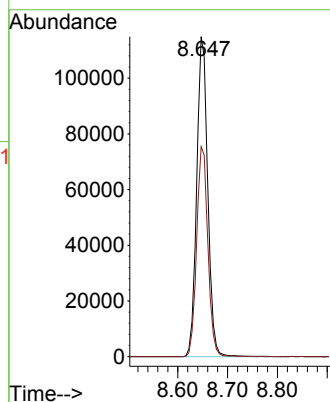
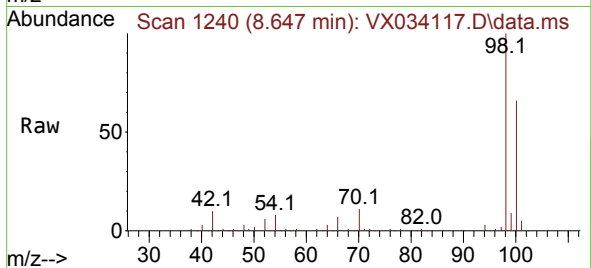




#50
Toluene-d8
Concen: 49.426 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

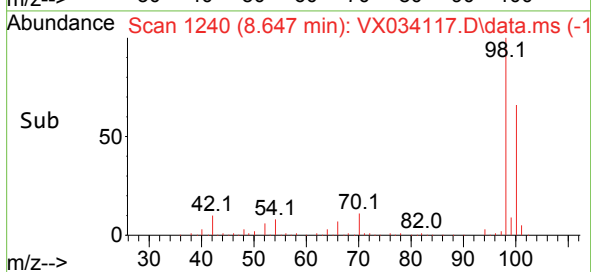
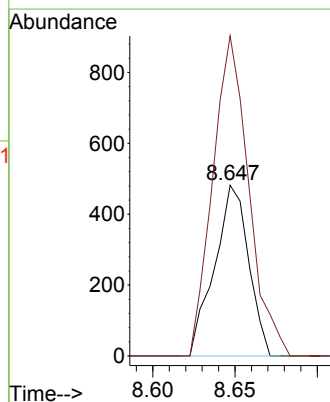
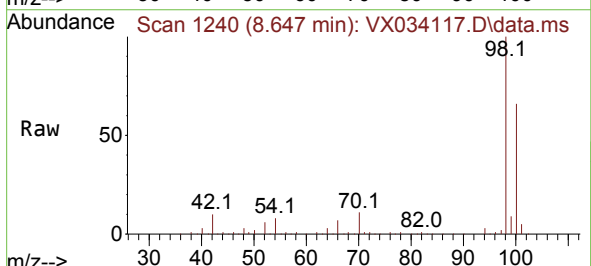
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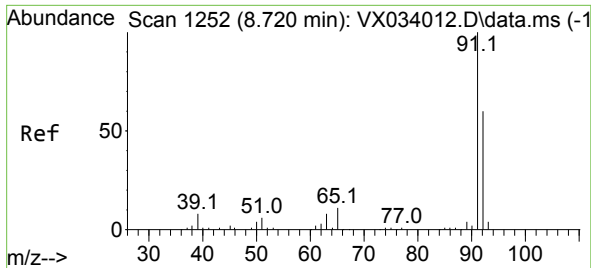
Tgt Ion: 98 Resp: 176208
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
58 197.1 31.2 46.8#

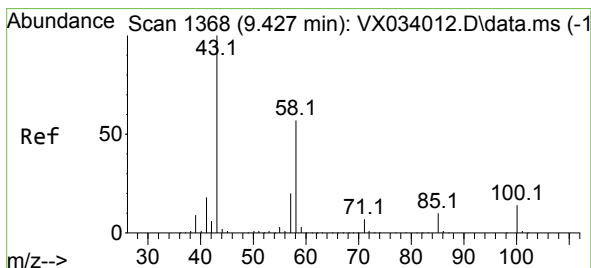
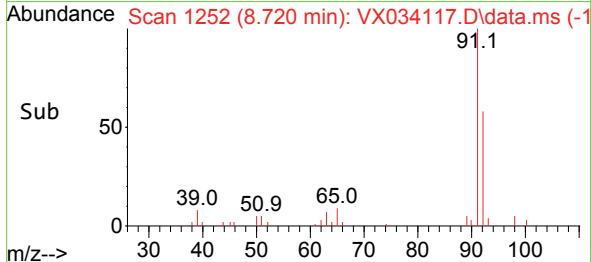
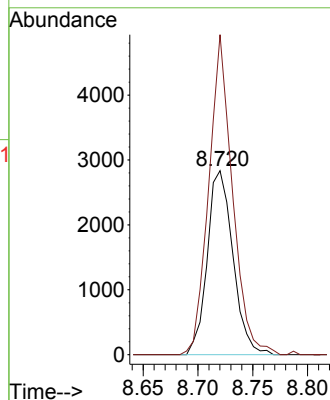
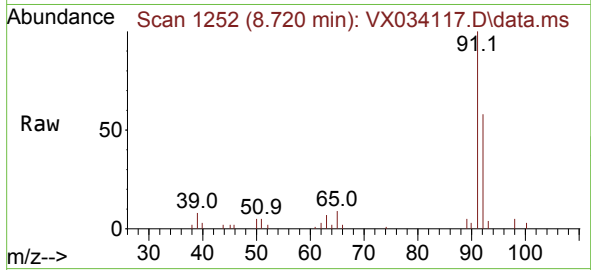




#52
Toluene
Concen: 1.816 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

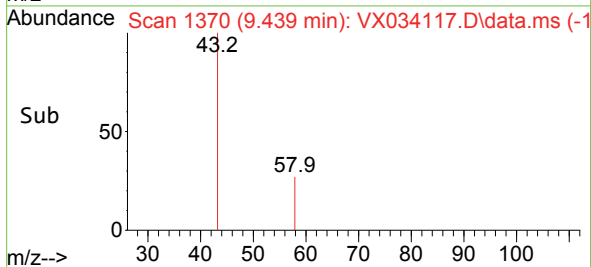
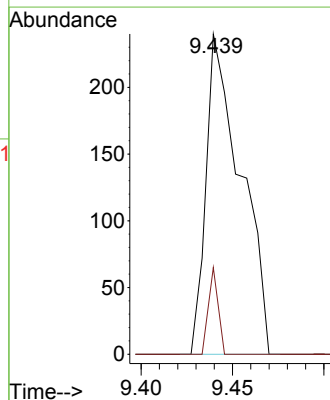
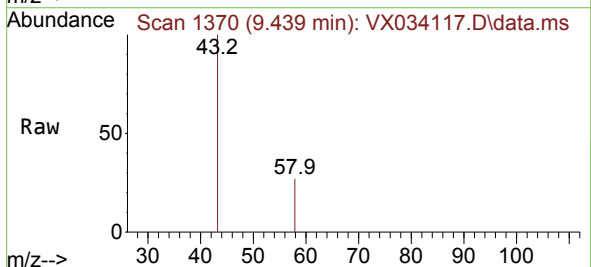
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-020923

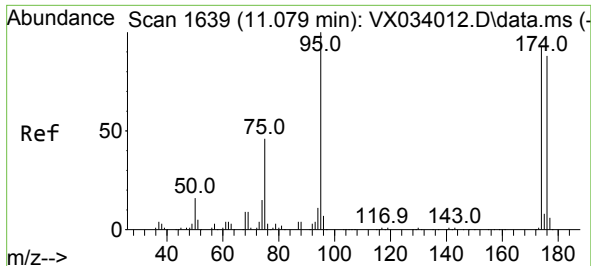
Tgt Ion: 92 Resp: 4620
Ion Ratio Lower Upper
92 100
91 160.6 135.5 203.3



#59
2-Hexanone
Concen: 0.350 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

Tgt Ion: 43 Resp: 317
Ion Ratio Lower Upper
43 100
58 7.6 27.4 82.0#

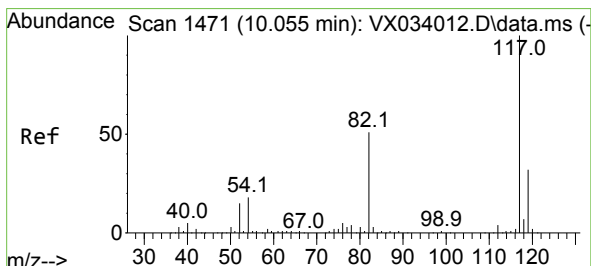
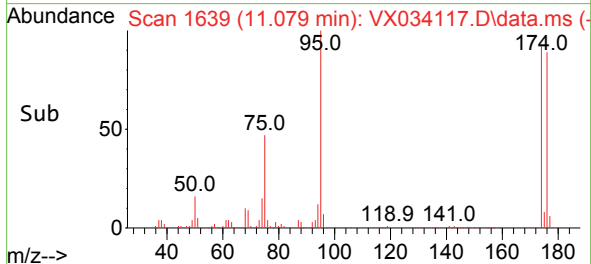
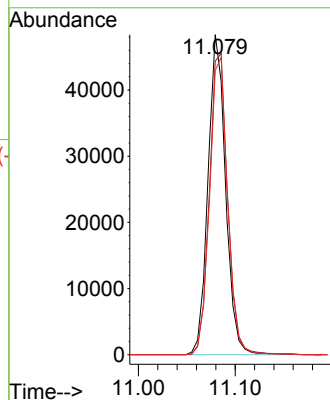
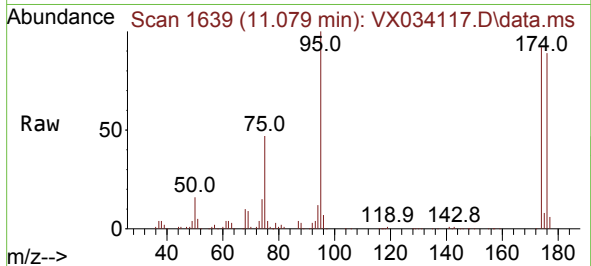




#62
4-Bromofluorobenzene
Concen: 48.019 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

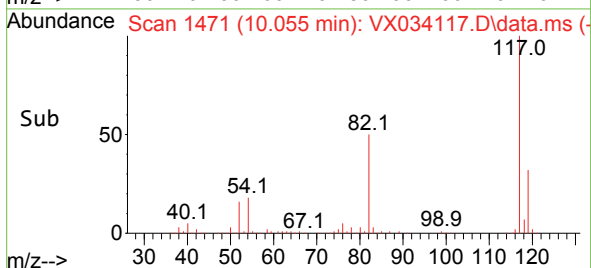
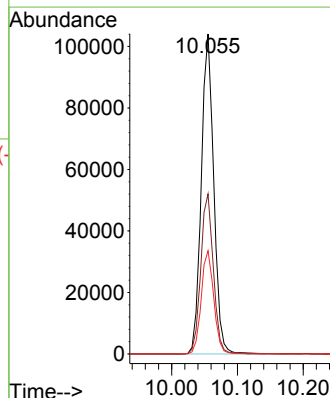
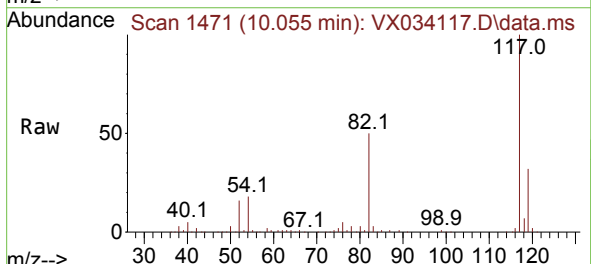
Instrument :
MSVOA_X
ClientSampleId :
OWBR-01-160-180-020923

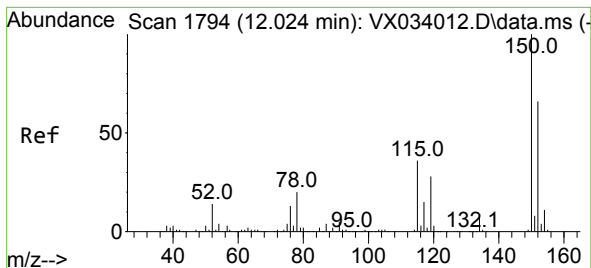
Tgt Ion: 95 Resp: 61142
Ion Ratio Lower Upper
95 100
174 97.9 0.0 184.4
176 95.8 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034117.D
Acq: 10 Feb 2023 16:15

Tgt Ion: 117 Resp: 137508
Ion Ratio Lower Upper
117 100
82 50.0 40.6 60.8
119 32.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034117.D

Acq: 10 Feb 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

OWBR-01-160-180-020923

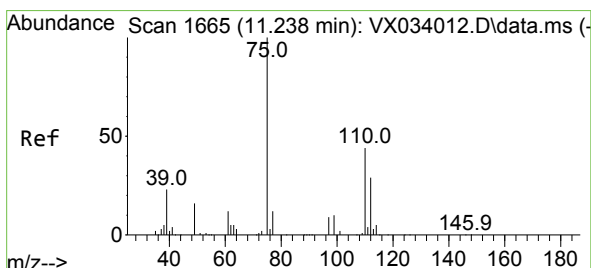
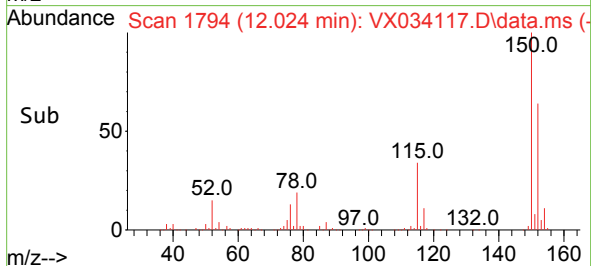
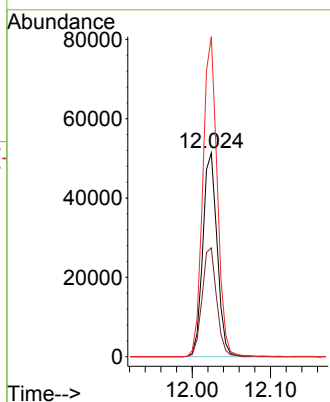
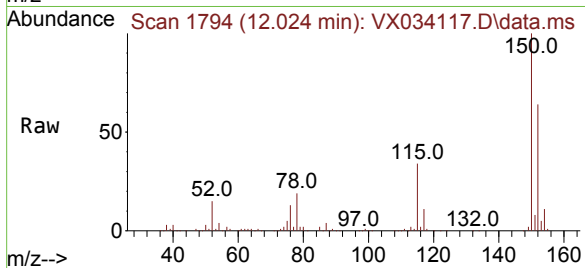
Tgt Ion:152 Resp: 65327

Ion Ratio Lower Upper

152 100

115 54.2 38.7 116.1

150 157.5 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 26.087 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034117.D

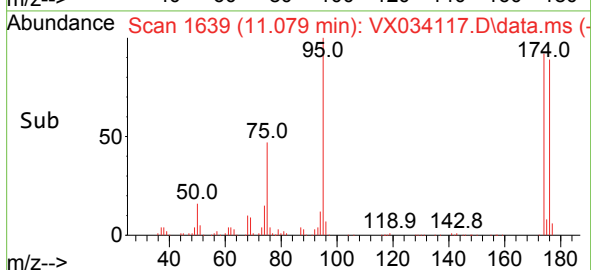
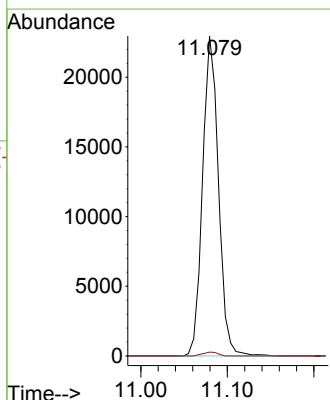
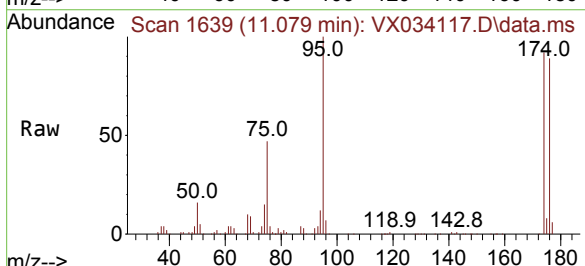
Acq: 10 Feb 2023 16:15

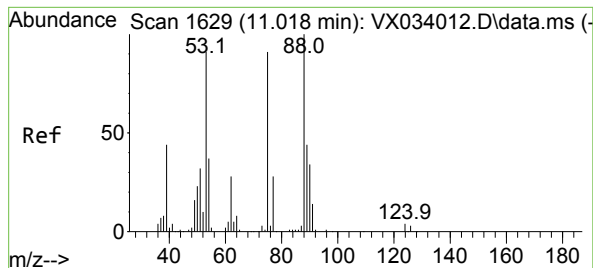
Tgt Ion: 75 Resp: 29262

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#





#81

trans-1,4-Dichloro-2-butene

Concen: 80.338 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX034117.D

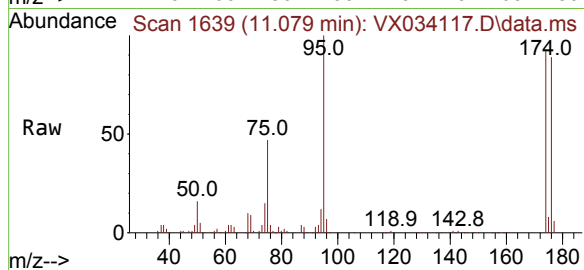
Acq: 10 Feb 2023 16:15

Instrument :

MSVOA_X

ClientSampleId :

OWBR-01-160-180-020923



Tgt Ion: 75 Resp: 29262

Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.1 37.7 56.5#

