

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034120.D
 Acq On : 10 Feb 2023 17:25
 Operator : JC/MD
 Sample : 01516-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-020923

Quant Time: Feb 11 00:36:49 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

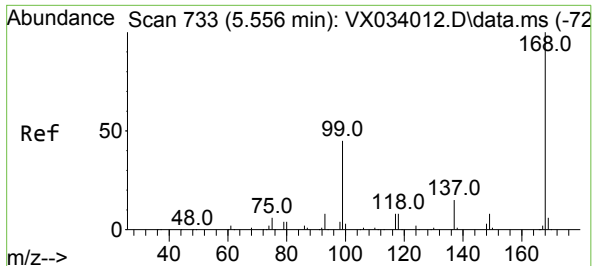
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	111549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56563	52.598	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.200%			
35) Dibromofluoromethane	5.385	113	49256	49.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.740%			
50) Toluene-d8	8.647	98	177543	49.892	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.780%			
62) 4-Bromofluorobenzene	11.079	95	62664	49.305	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.600%			
Target Compounds					Qvalue	
16) Acetone	2.367	43	361	0.795	ug/l #	47
31) Cyclohexane	5.556	56	1512	0.965	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6624	4.892	ug/l #	48
38) Carbon Tetrachloride	5.550	117	9966	6.900	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	742	0.601	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	29035	24.448	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	29035	75.293	ug/l #	8

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

Quant Time: Feb 11 00:36:49 2023
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Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration

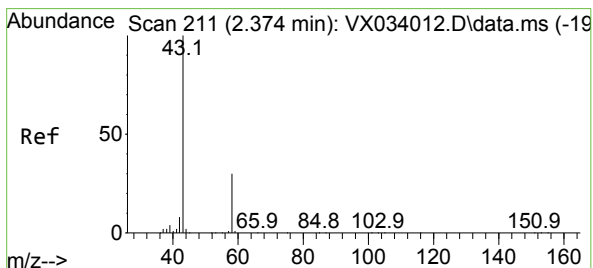
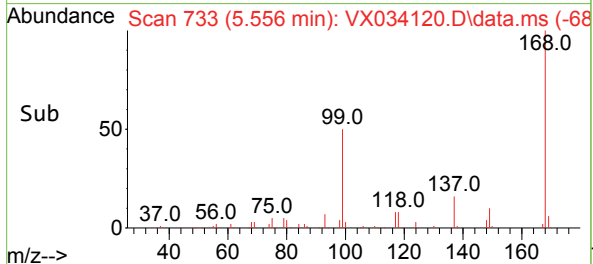
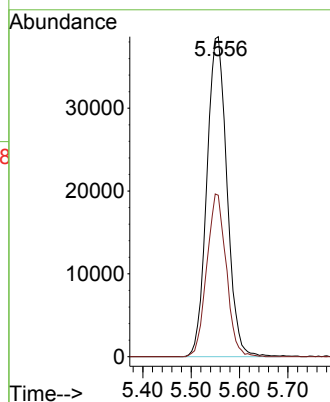
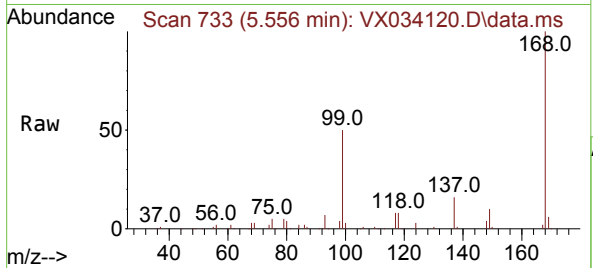




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034120.D
Acq: 10 Feb 2023 17:25

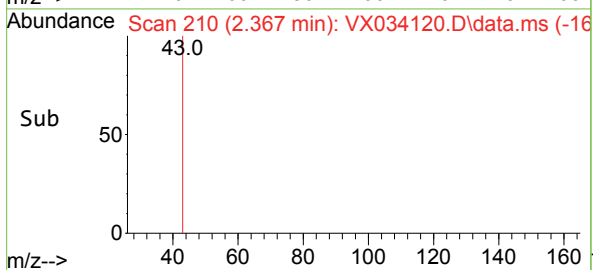
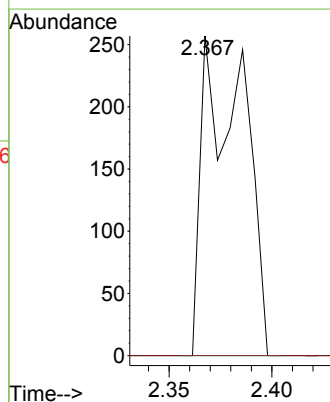
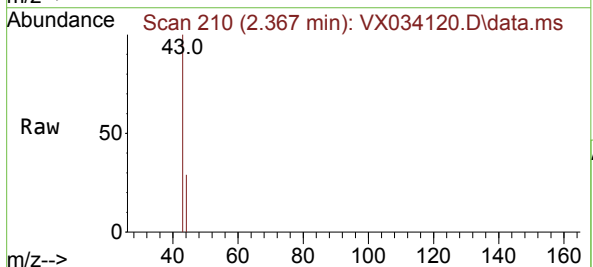
Instrument :
MSVOA_X
ClientSampleId :
TB-01-020923

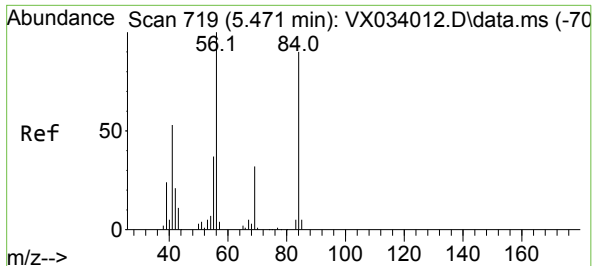
Tgt Ion:168 Resp: 111549
Ion Ratio Lower Upper
168 100
99 50.5 39.6 59.4



#16
Acetone
Concen: 0.795 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX034120.D
Acq: 10 Feb 2023 17:25

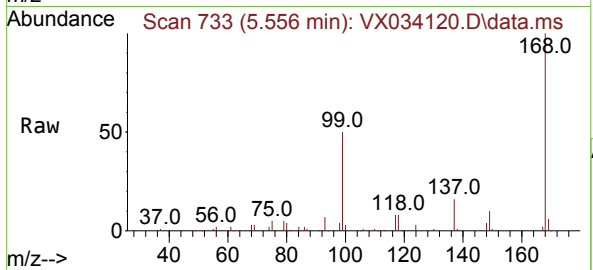
Tgt Ion: 43 Resp: 361
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



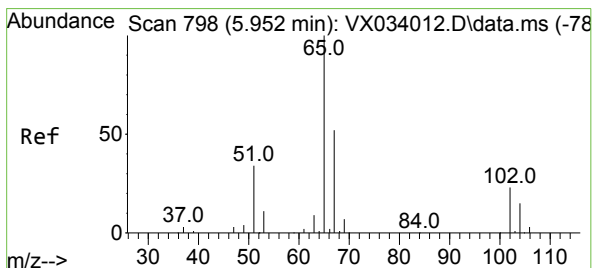
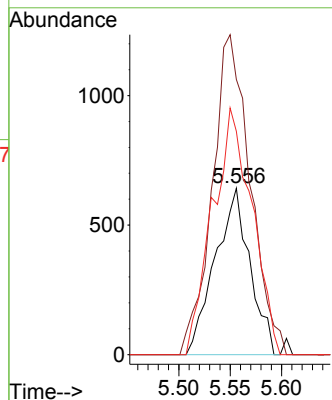
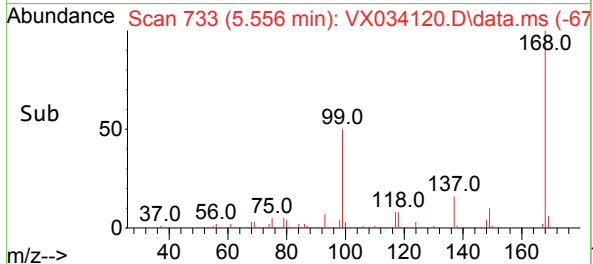


#31
Cyclohexane
Concen: 0.965 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX034120.D
Acq: 10 Feb 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
TB-01-020923

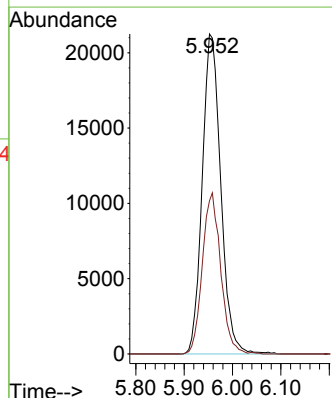
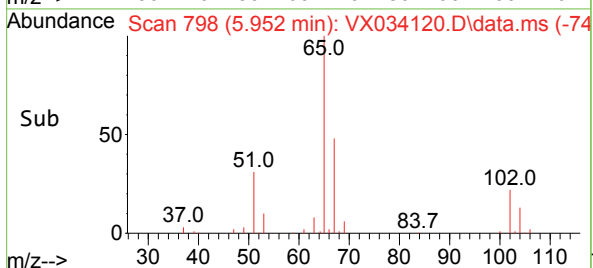
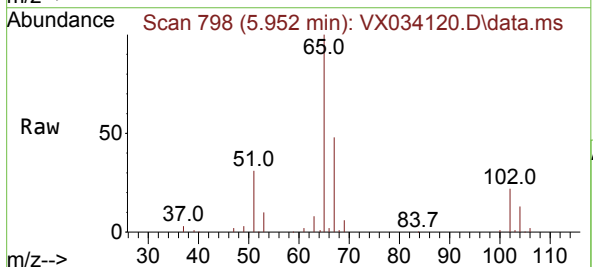


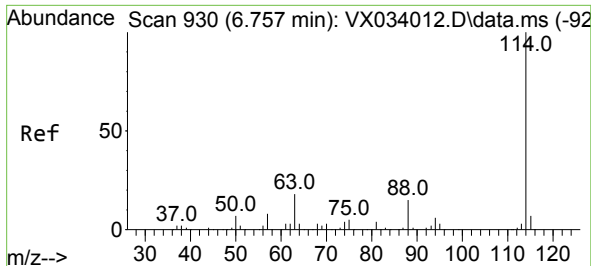
Tgt Ion: 56 Resp: 1512
Ion Ratio Lower Upper
56 100
69 165.4 24.6 37.0#
84 134.3 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 52.598 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX034120.D
Acq: 10 Feb 2023 17:25

Tgt Ion: 65 Resp: 56563
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.8

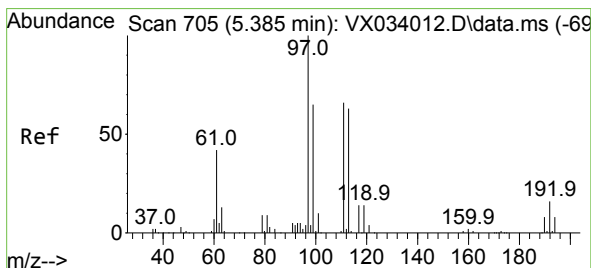
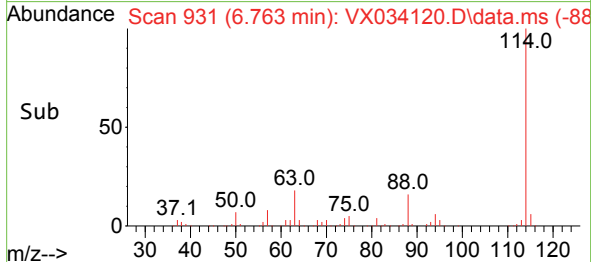
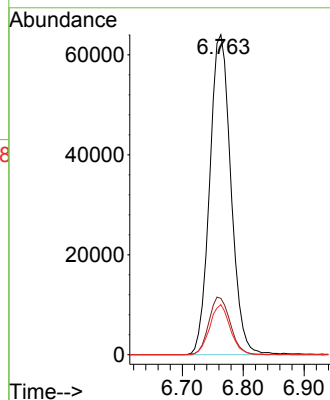
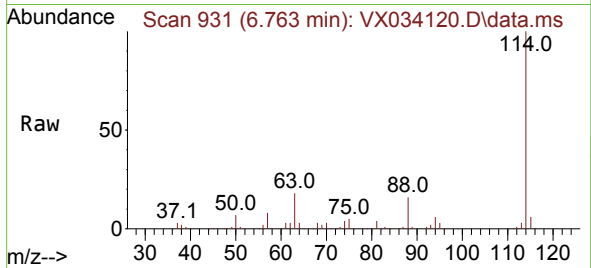




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034120.D
Acq: 10 Feb 2023 17:25

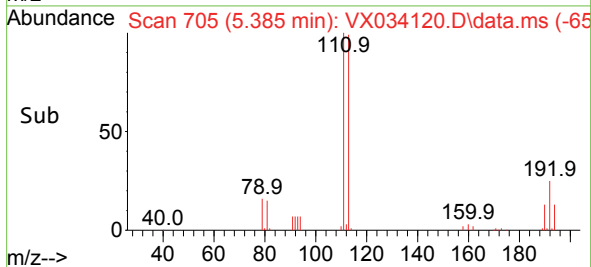
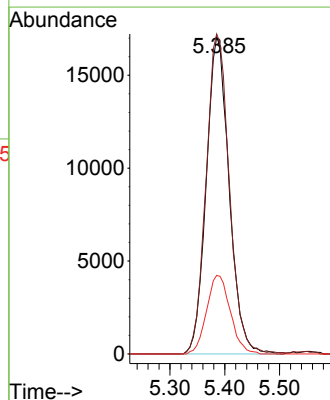
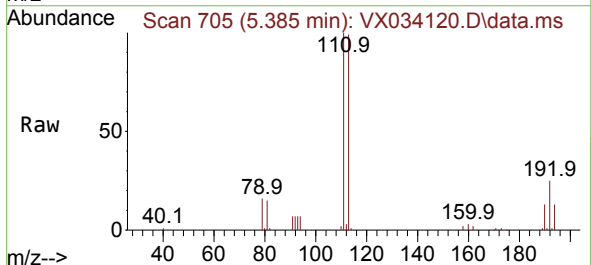
Instrument :
MSVOA_X
ClientSampleId :
TB-01-020923

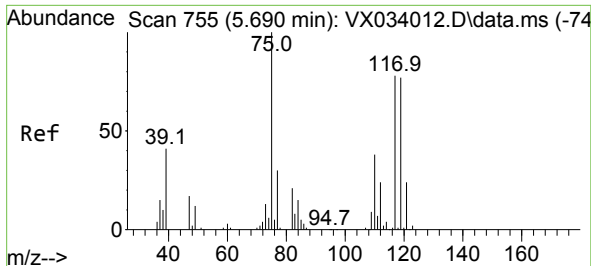
Tgt Ion:114 Resp: 155191
Ion Ratio Lower Upper
114 100
63 17.6 0.0 37.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.870 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034120.D
Acq: 10 Feb 2023 17:25

Tgt Ion:113 Resp: 49256
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 25.7 19.0 28.4

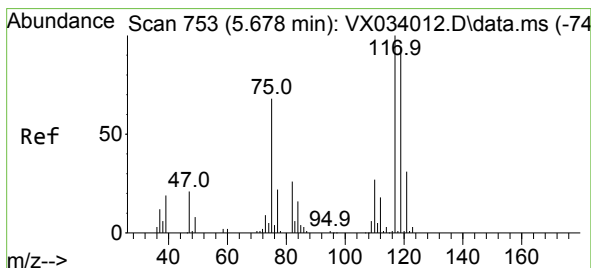
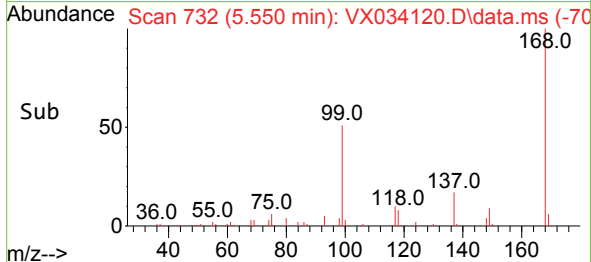
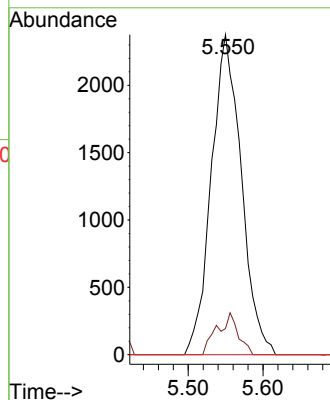
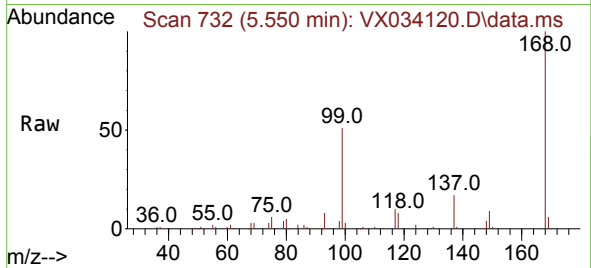




#36
1,1-Dichloropropene
Concen: 4.892 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX034120.D
Acq: 10 Feb 2023 17:25

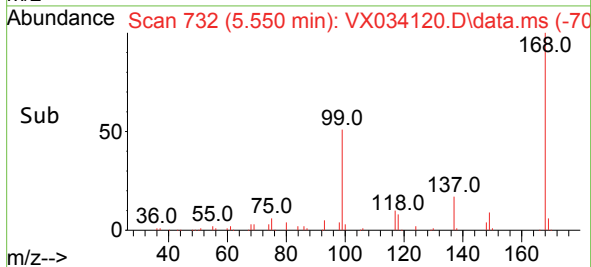
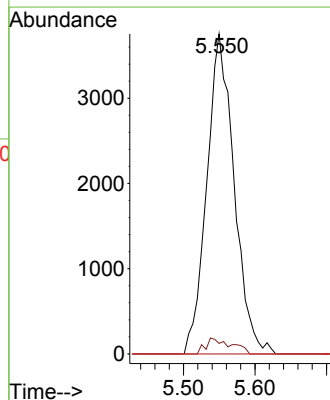
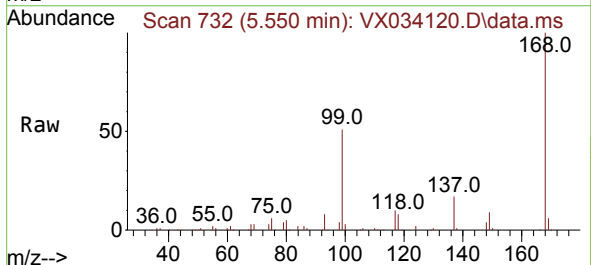
Instrument :
MSVOA_X
ClientSampleId :
TB-01-020923

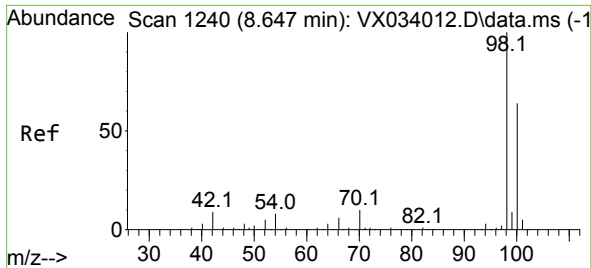
Tgt Ion: 75 Resp: 6624
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.900 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034120.D
Acq: 10 Feb 2023 17:25

Tgt Ion: 117 Resp: 9966
Ion Ratio Lower Upper
117 100
119 3.3 78.0 117.0#
121 0.0 24.4 36.6#

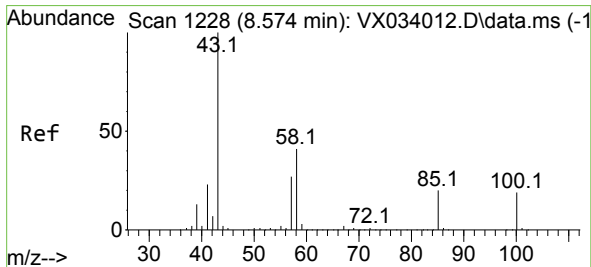
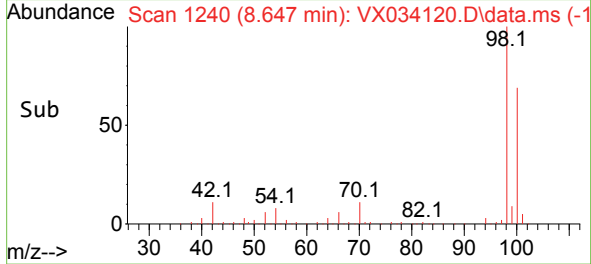
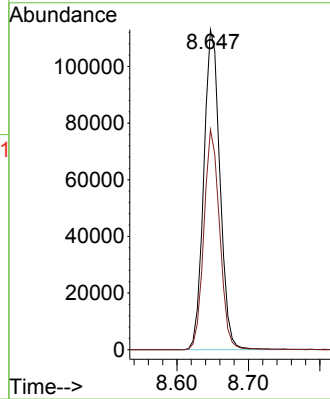
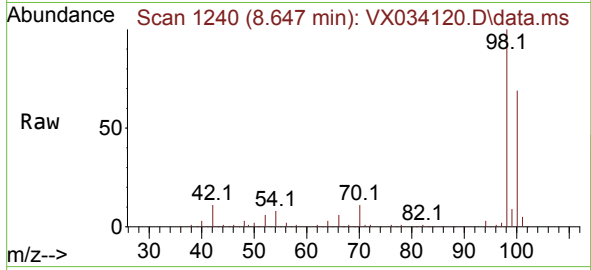




#50
Toluene-d8
Concen: 49.892 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034120.D
Acq: 10 Feb 2023 17:25

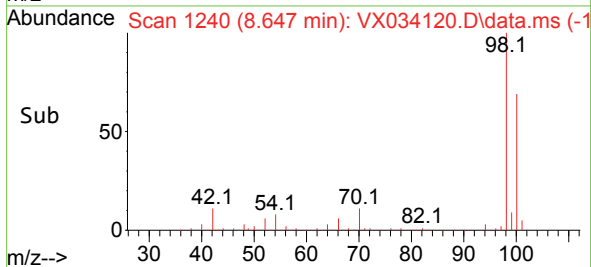
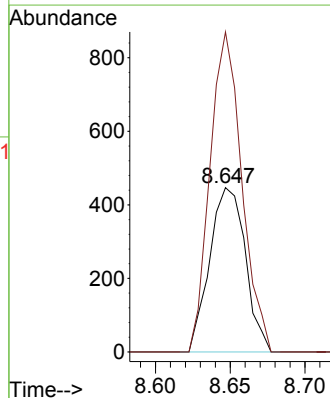
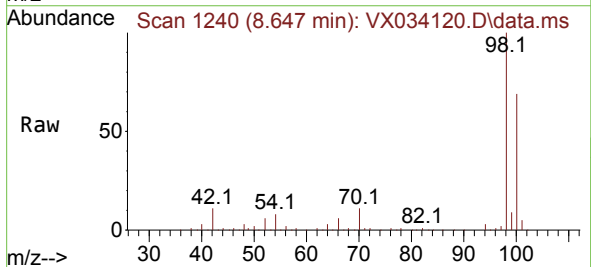
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TB-01-020923

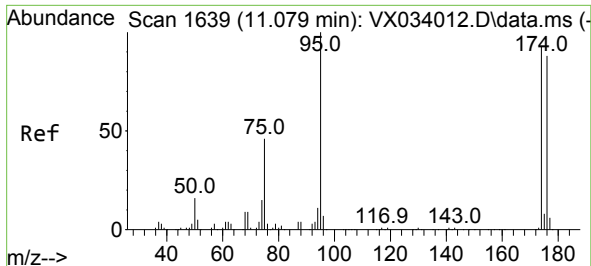
Tgt Ion: 98 Resp: 177543
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.601 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034120.D
Acq: 10 Feb 2023 17:25

Tgt Ion: 43 Resp: 742
Ion Ratio Lower Upper
43 100
58 173.9 31.2 46.8#

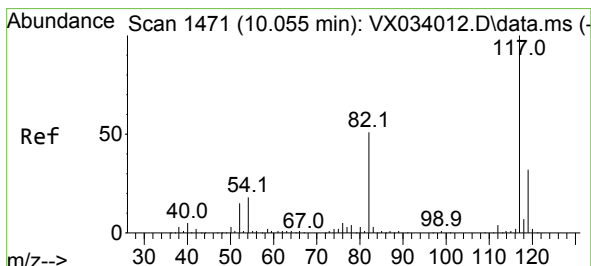
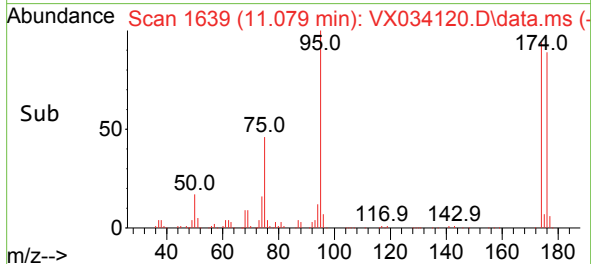
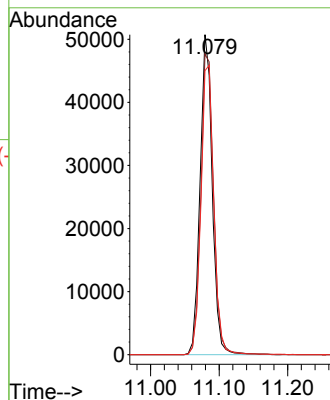
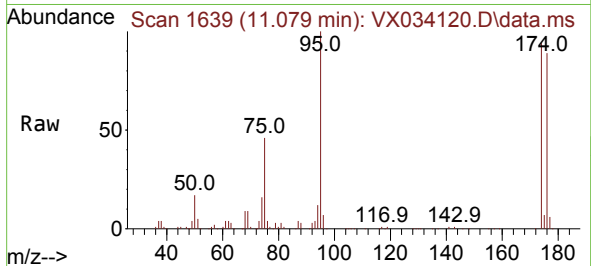




#62
4-Bromofluorobenzene
Concen: 49.305 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034120.D
Acq: 10 Feb 2023 17:25

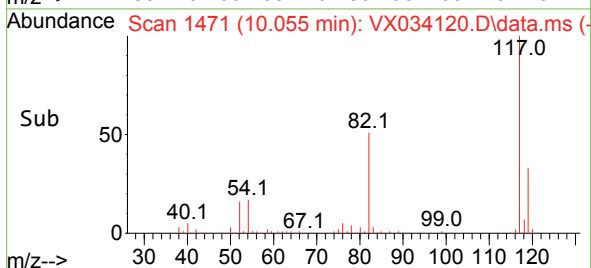
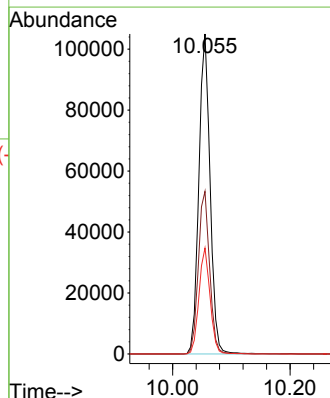
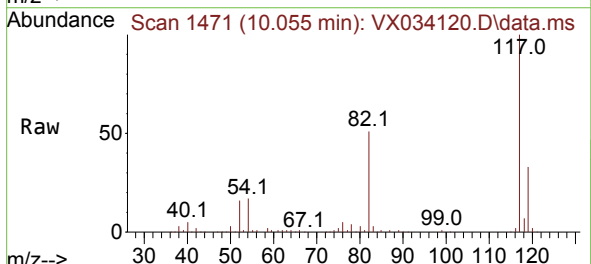
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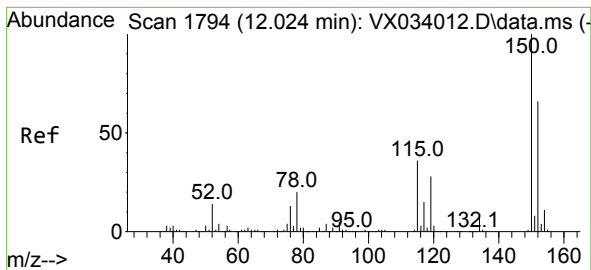
Tgt Ion: 95 Resp: 62664
Ion Ratio Lower Upper
95 100
174 99.1 0.0 184.4
176 95.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034120.D
Acq: 10 Feb 2023 17:25

Tgt Ion: 117 Resp: 139311
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 33.1 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: VX034120.D

Acq: 10 Feb 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

TB-01-020923

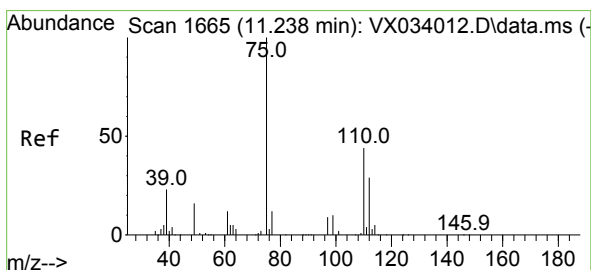
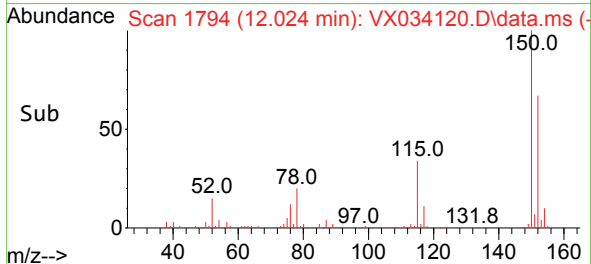
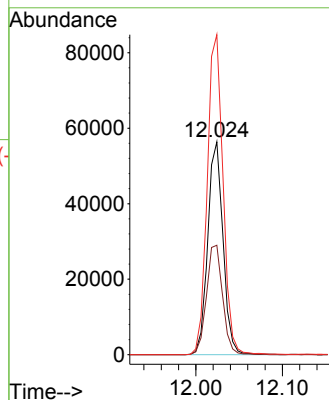
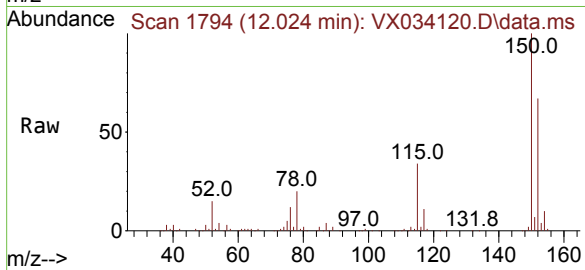
Tgt Ion:152 Resp: 69164

Ion Ratio Lower Upper

152 100

115 54.3 38.7 116.1

150 155.2 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 24.448 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034120.D

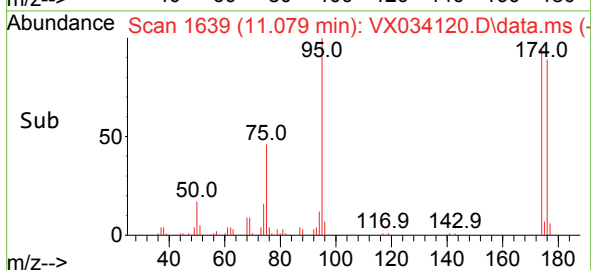
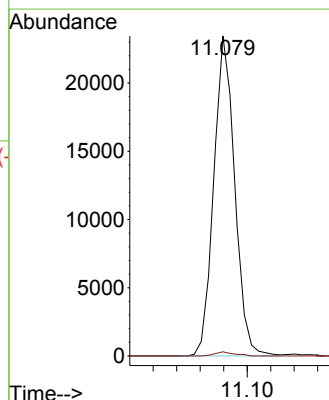
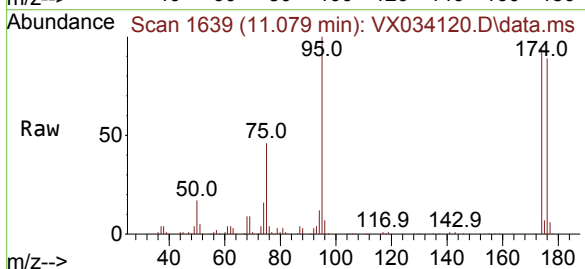
Acq: 10 Feb 2023 17:25

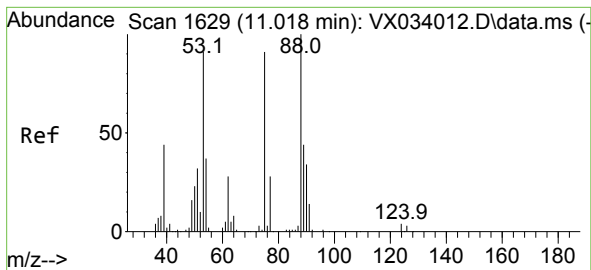
Tgt Ion: 75 Resp: 29035

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.293 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034120.D
 Acq: 10 Feb 2023 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-020923

Tgt Ion: 75 Resp: 29035
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

