

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034049.D
 Acq On : 06 Feb 2023 23:40
 Operator : JC/MD
 Sample : 01440-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-1

Quant Time: Feb 07 01:01:34 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

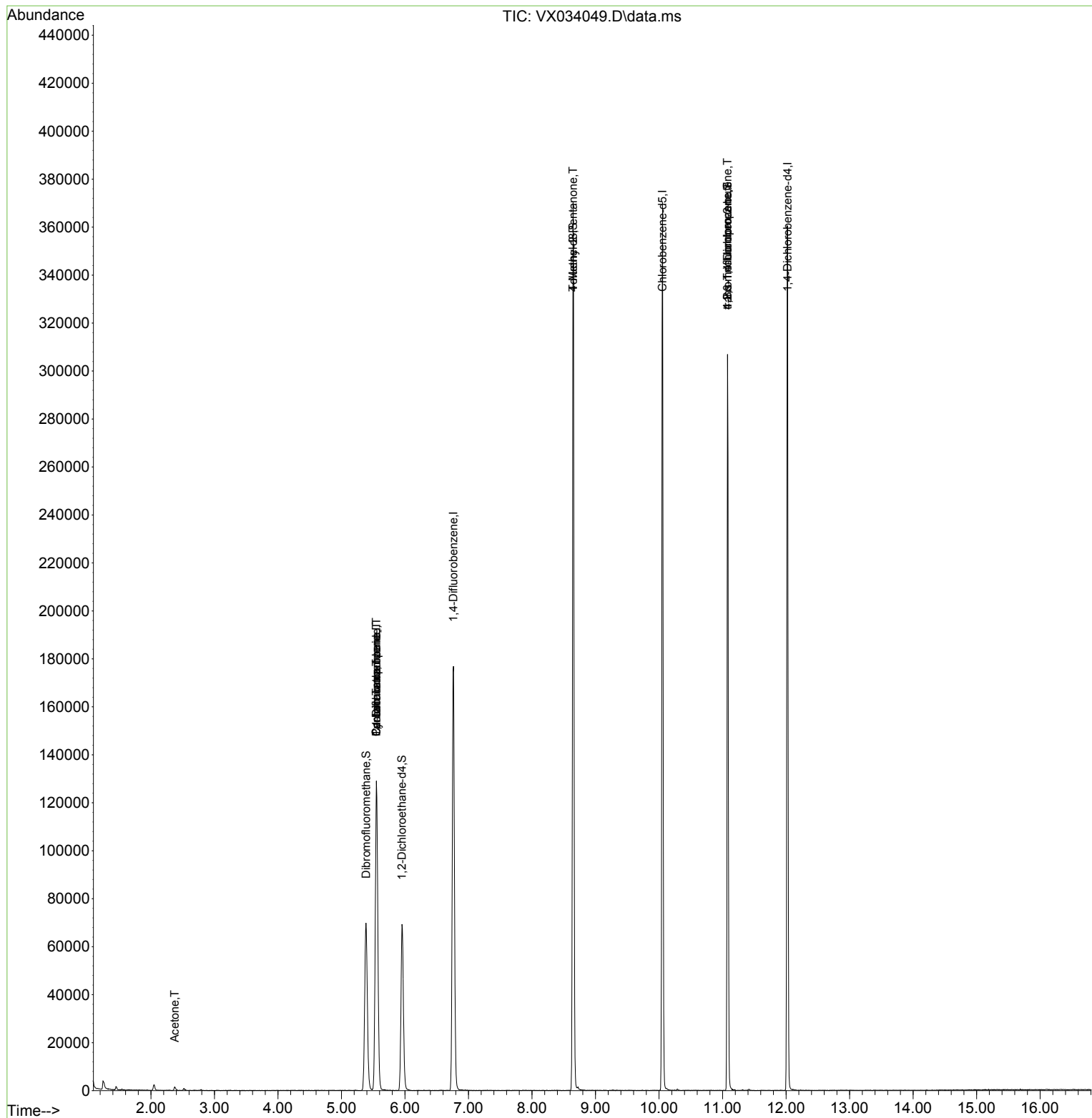
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

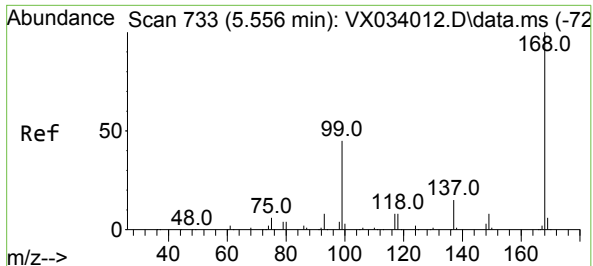
Internal Standards						
1) Pentafluorobenzene	5.550	168	139422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66009	49.110	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.220%
35) Dibromofluoromethane	5.385	113	61974	49.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.020%
50) Toluene-d8	8.647	98	224394	49.753	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.500%
62) 4-Bromofluorobenzene	11.079	95	80076	49.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.420%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	1700	2.995	ug/l #	88
31) Cyclohexane	5.550	56	2007	1.025	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7923	4.616	ug/l #	48
38) Carbon Tetrachloride	5.550	117	11796	6.444	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	847	0.542	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37178	24.568	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	37178	75.662	ug/l #	8

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

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MH-1

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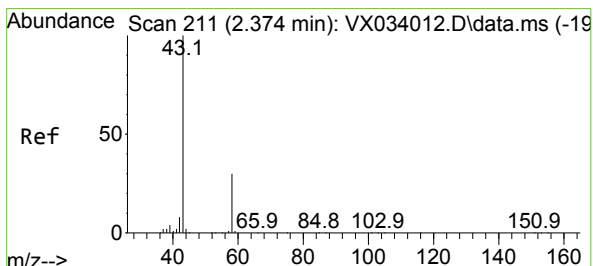
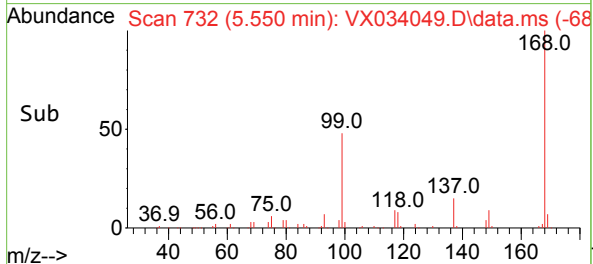
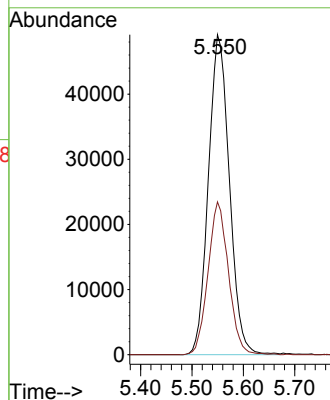
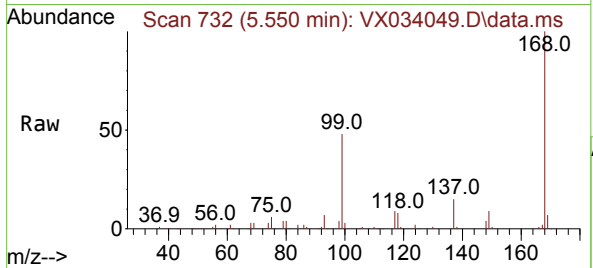




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034049.D
Acq: 06 Feb 2023 23:40

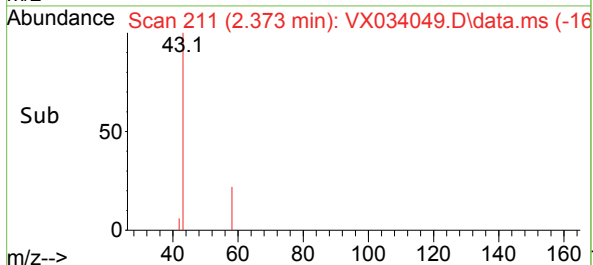
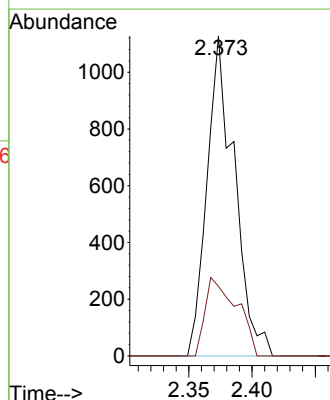
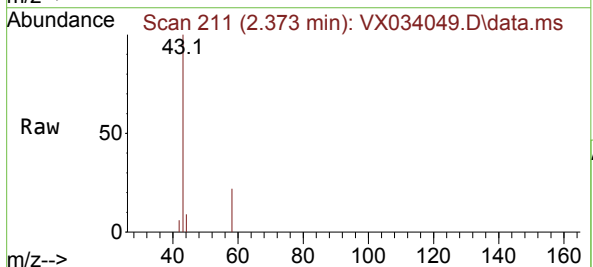
Instrument :
MSVOA_X
ClientSampleId :
MH-1

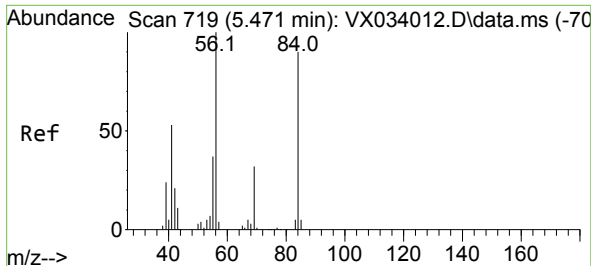
Tgt Ion:168 Resp: 139422
Ion Ratio Lower Upper
168 100
99 47.7 39.6 59.4



#16
Acetone
Concen: 2.995 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034049.D
Acq: 06 Feb 2023 23:40

Tgt Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
58 21.7 22.6 33.8#

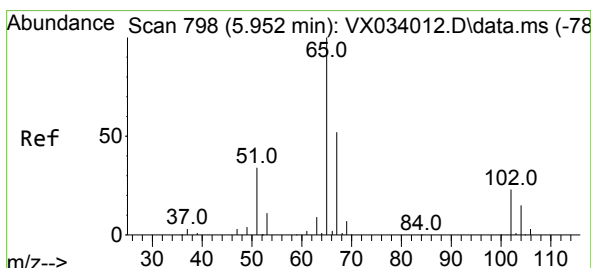
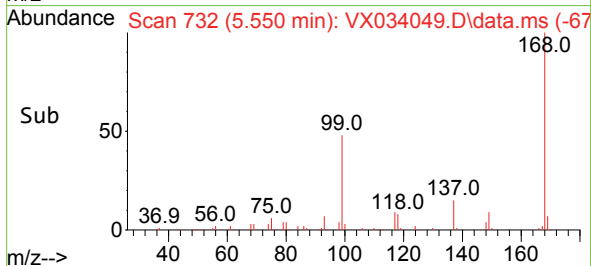
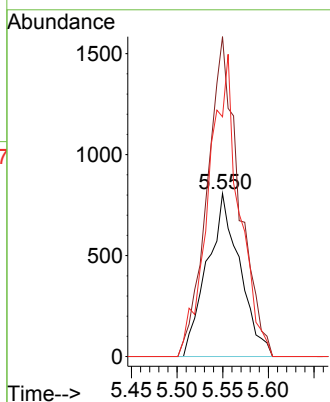
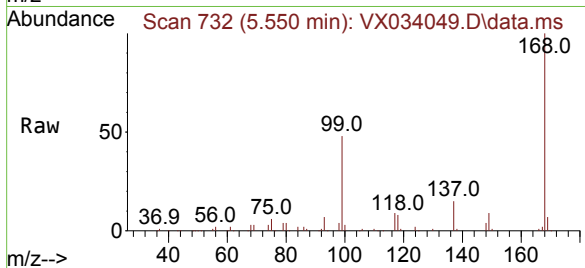




#31
Cyclohexane
Concen: 1.025 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034049.D
Acq: 06 Feb 2023 23:40

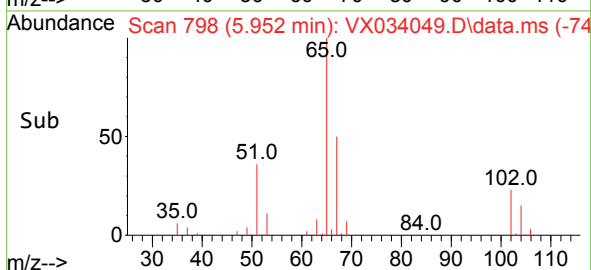
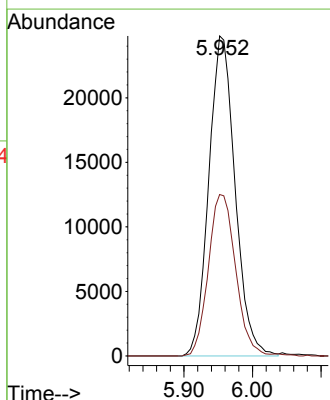
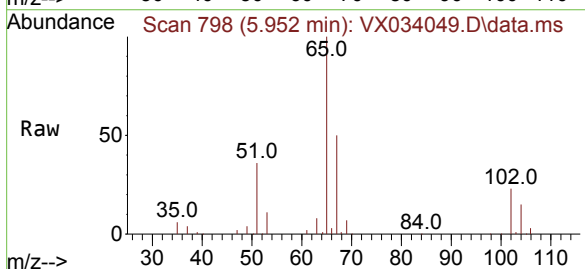
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ClientSampleId :
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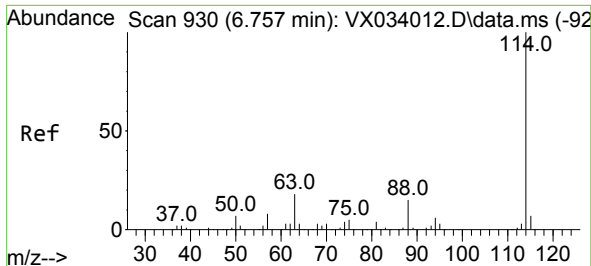
Tgt Ion: 56 Resp: 2007
Ion Ratio Lower Upper
56 100
69 196.0 24.6 37.0#
84 146.9 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 49.110 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX034049.D
Acq: 06 Feb 2023 23:40

Tgt Ion: 65 Resp: 66009
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8

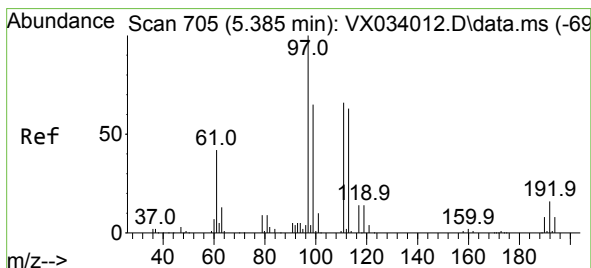
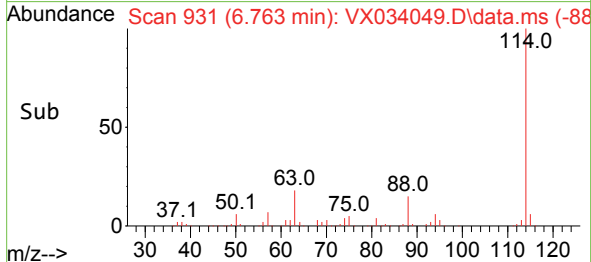
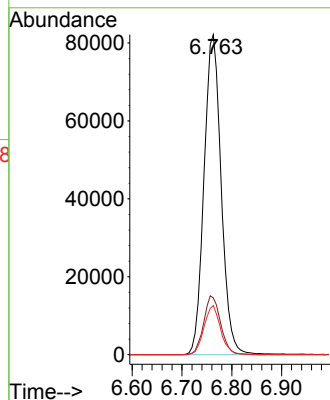
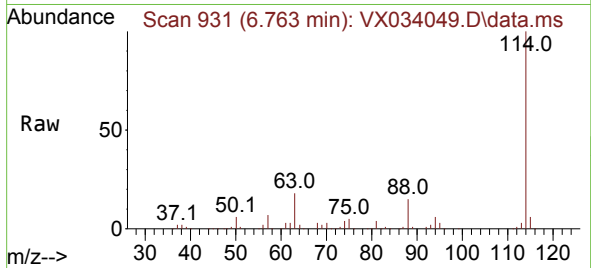




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034049.D
Acq: 06 Feb 2023 23:40

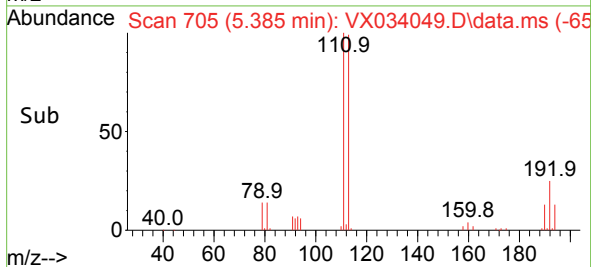
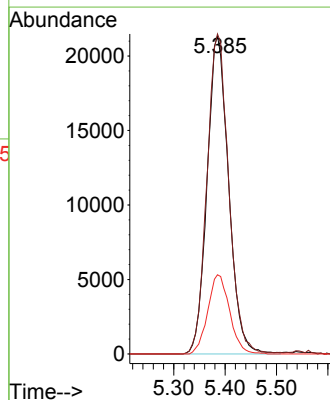
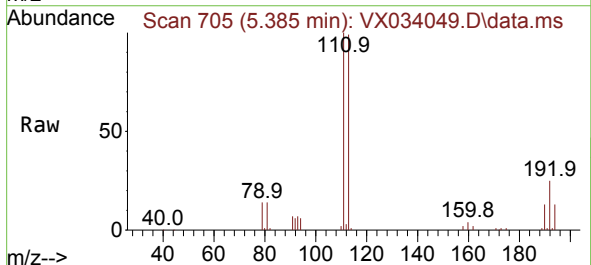
Instrument :
MSVOA_X
ClientSampleId :
MH-1

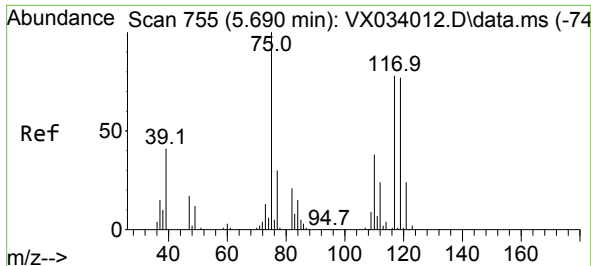
Tgt Ion:114 Resp: 196690
Ion Ratio Lower Upper
114 100
63 17.8 0.0 37.4
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.508 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034049.D
Acq: 06 Feb 2023 23:40

Tgt Ion:113 Resp: 61974
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.6
192 25.3 19.0 28.4

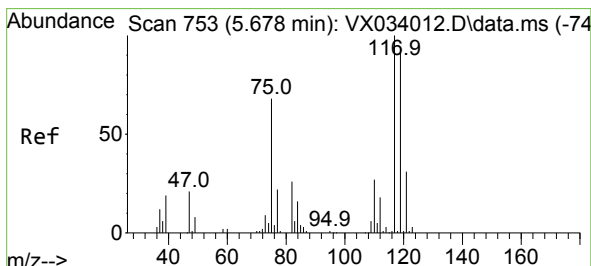
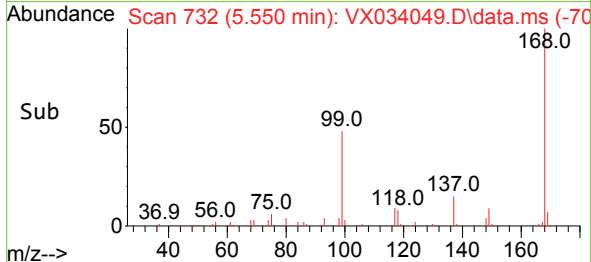
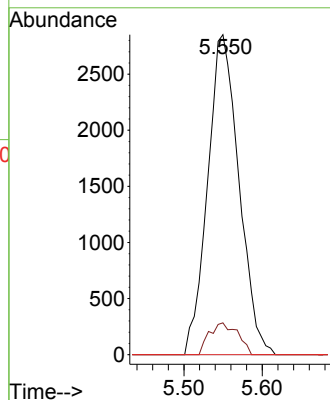
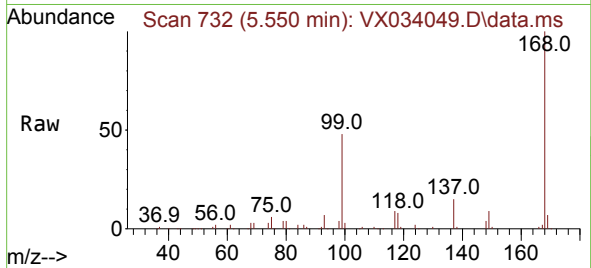




#36
1,1-Dichloropropene
Concen: 4.616 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX034049.D
Acq: 06 Feb 2023 23:40

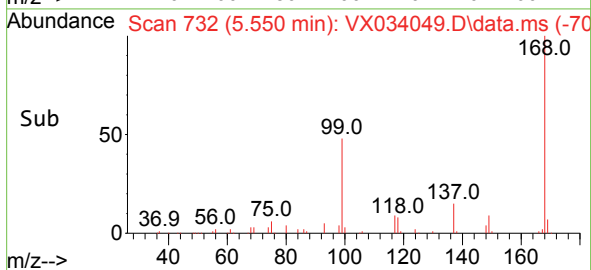
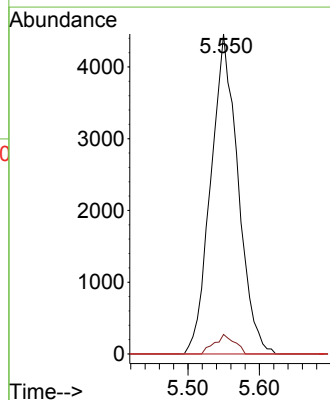
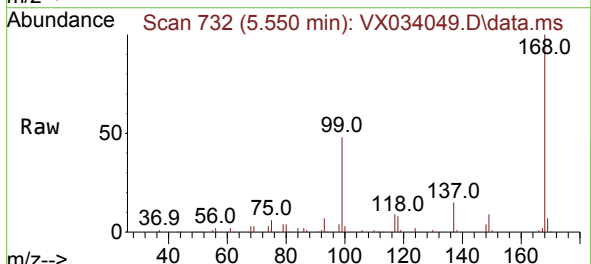
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MSVOA_X
ClientSampleId :
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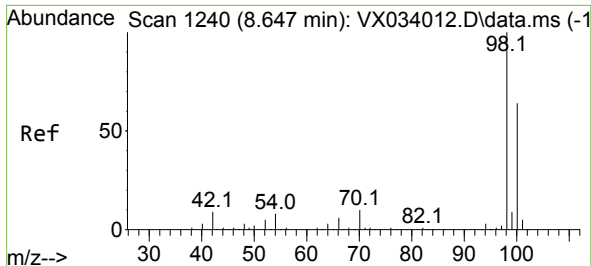
Tgt Ion: 75 Resp: 7923
Ion Ratio Lower Upper
75 100
110 9.0 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.444 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034049.D
Acq: 06 Feb 2023 23:40

Tgt Ion: 117 Resp: 11796
Ion Ratio Lower Upper
117 100
119 6.1 78.0 117.0#
121 0.0 24.4 36.6#

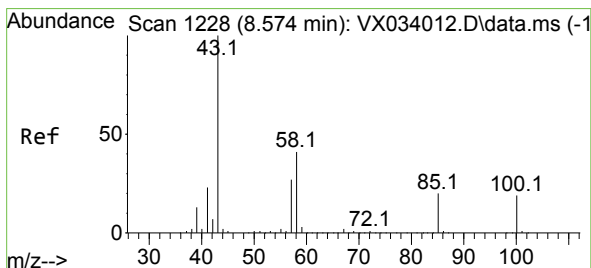
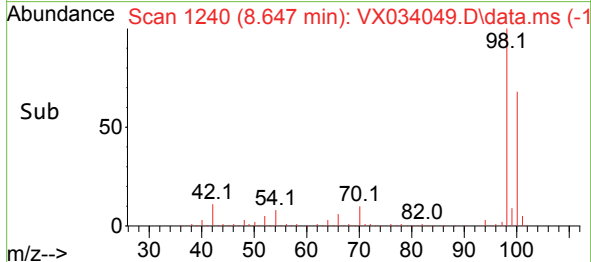
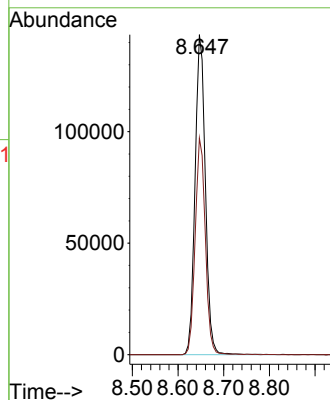
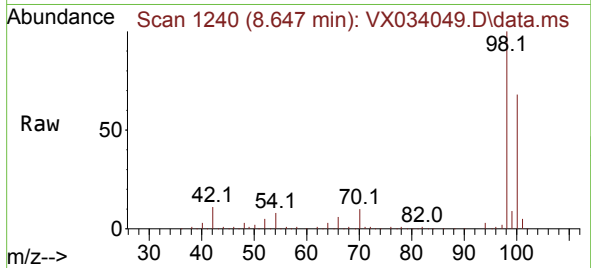




#50
Toluene-d8
Concen: 49.753 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034049.D
Acq: 06 Feb 2023 23:40

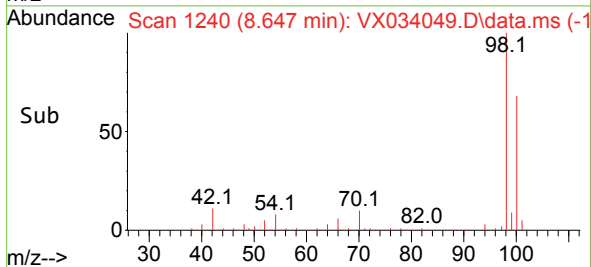
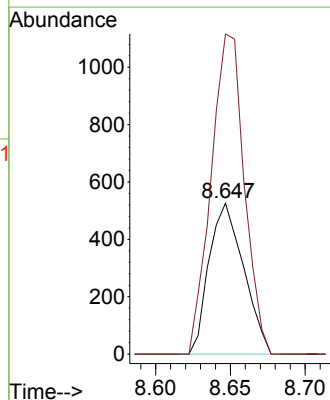
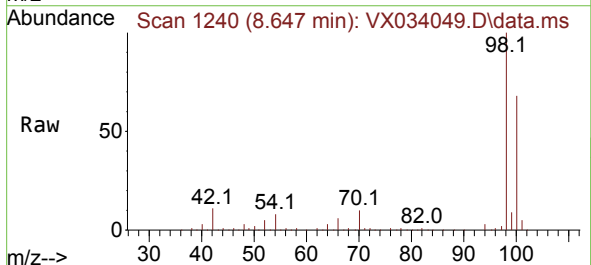
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MSVOA_X
ClientSampleId :
MH-1

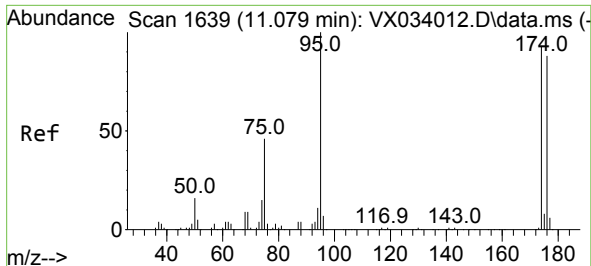
Tgt Ion: 98 Resp: 224394
Ion Ratio Lower Upper
98 100
100 66.9 53.6 80.4



#51
4-Methyl-2-Pentanone
Concen: 0.542 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034049.D
Acq: 06 Feb 2023 23:40

Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 203.7 31.2 46.8#

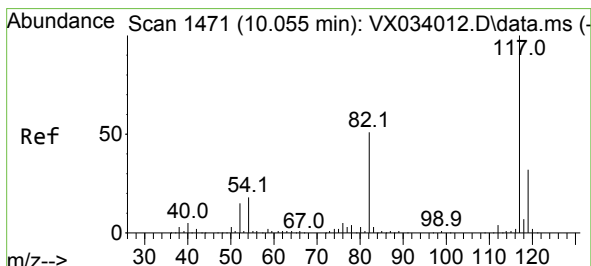
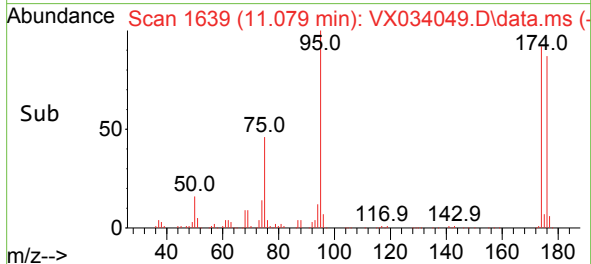
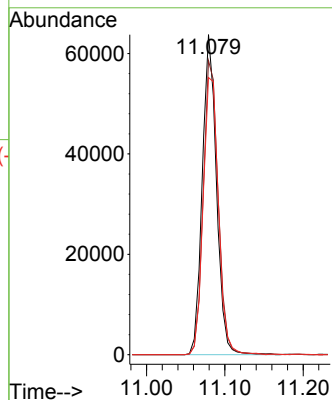
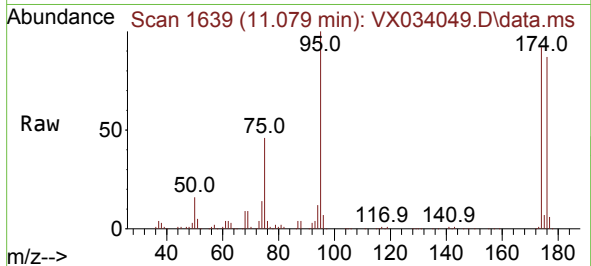




#62
4-Bromofluorobenzene
Concen: 49.711 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034049.D
Acq: 06 Feb 2023 23:40

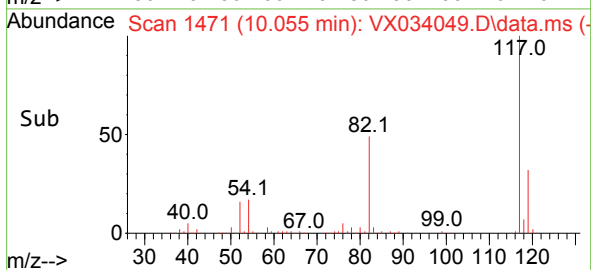
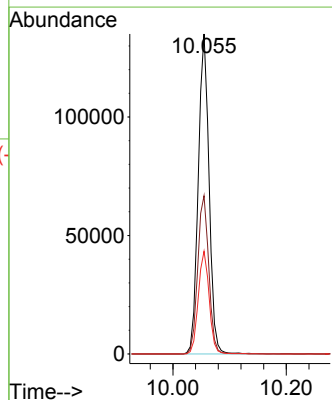
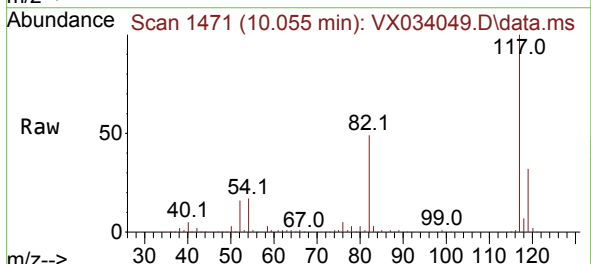
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MH-1

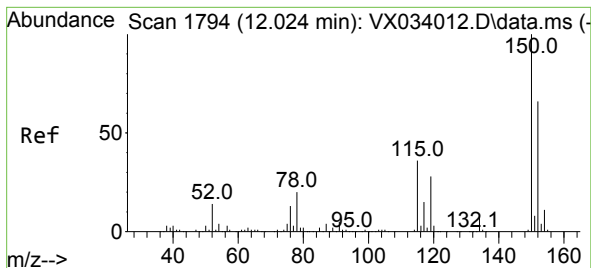
Tgt Ion: 95 Resp: 80076
Ion Ratio Lower Upper
95 100
174 96.6 0.0 184.4
176 93.7 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034049.D
Acq: 06 Feb 2023 23:40

Tgt Ion: 117 Resp: 178457
Ion Ratio Lower Upper
117 100
82 49.4 40.6 60.8
119 32.1 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: VX034049.D

Acq: 06 Feb 2023 23:40

Instrument :

MSVOA_X

ClientSampleId :

MH-1

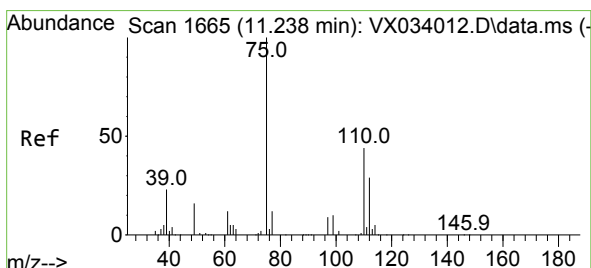
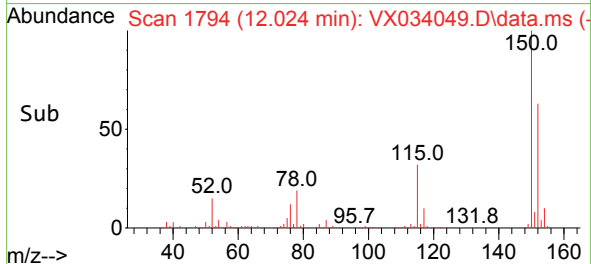
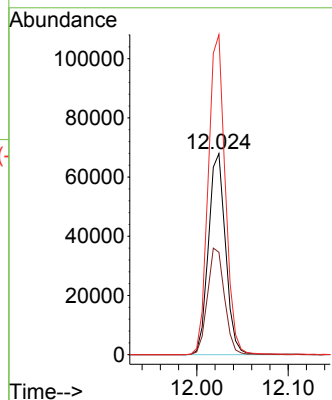
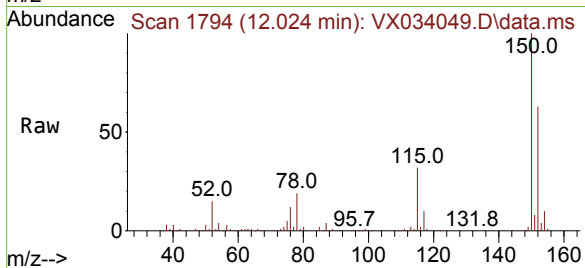
Tgt Ion:152 Resp: 88129

Ion Ratio Lower Upper

152 100

115 53.1 38.7 116.1

150 158.2 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 24.568 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034049.D

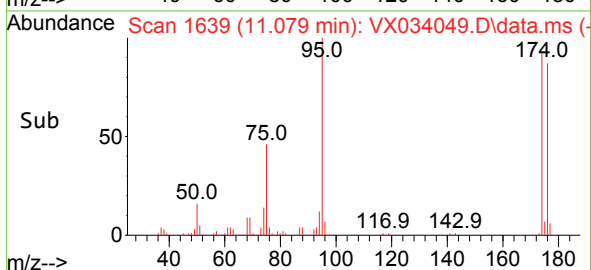
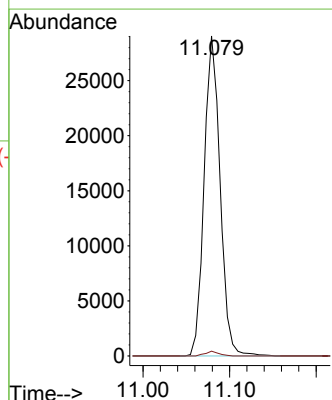
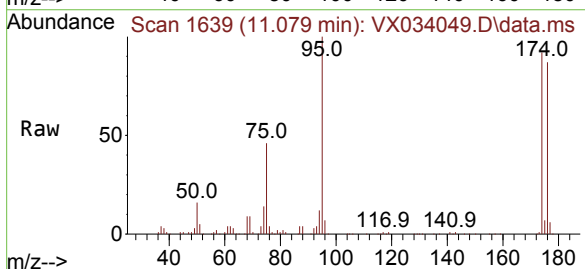
Acq: 06 Feb 2023 23:40

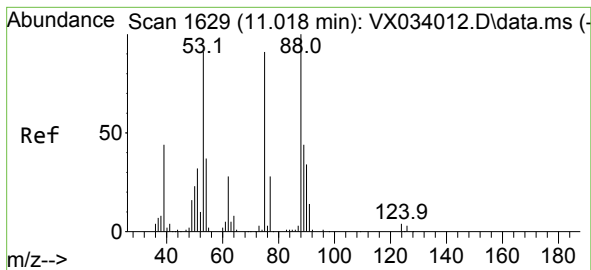
Tgt Ion: 75 Resp: 37178

Ion Ratio Lower Upper

75 100

77 1.2 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.662 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034049.D
 Acq: 06 Feb 2023 23:40

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-1

Tgt Ion: 75 Resp: 37178
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

