

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034122.D
 Acq On : 10 Feb 2023 18:12
 Operator : JC/MD
 Sample : 01515-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2023-2-2

Quant Time: Feb 11 00:37:33 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)

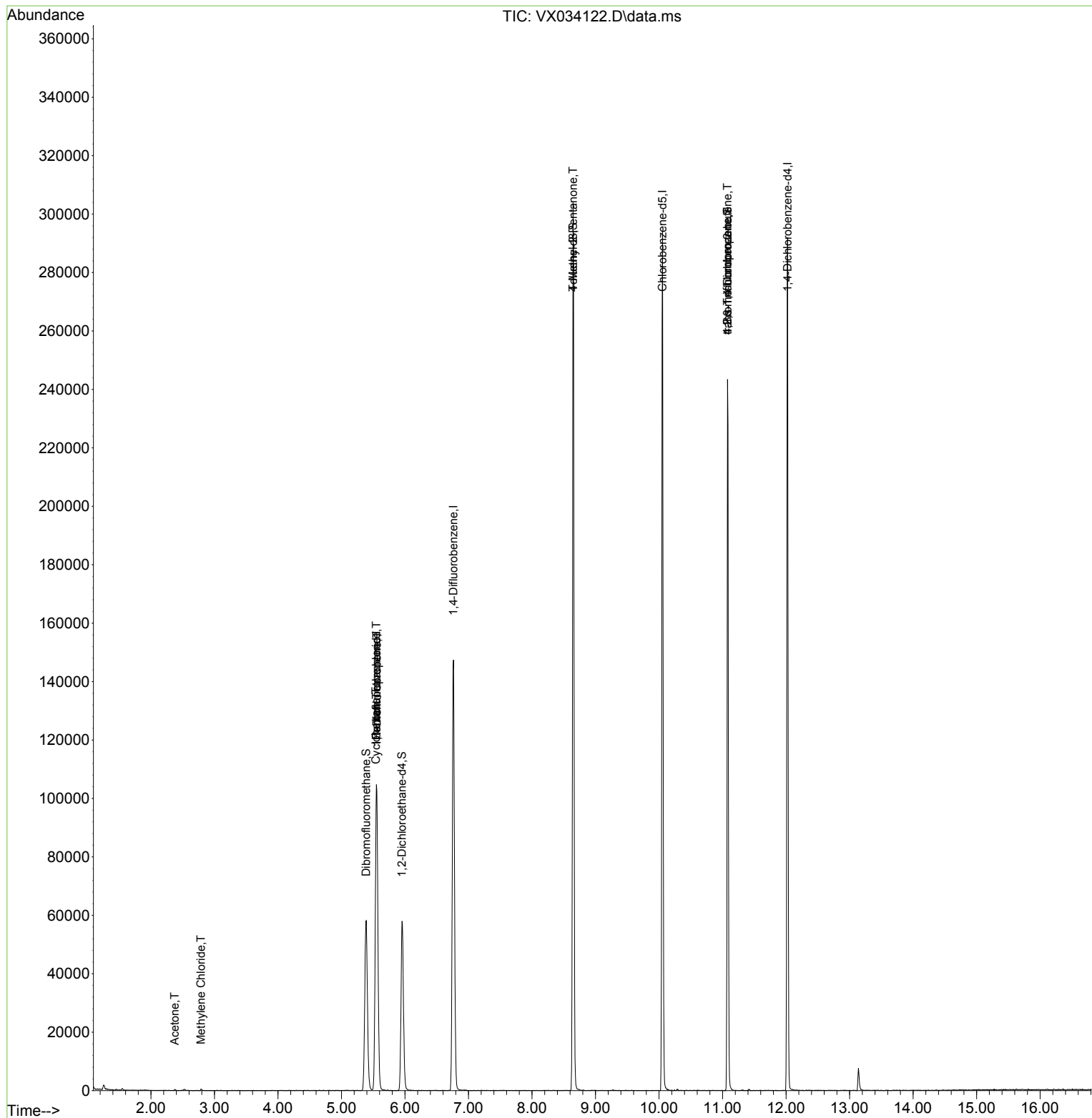
Internal Standards						
1) Pentafluorobenzene	5.550	168	114390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	160565	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57701	52.323	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.640%	
35) Dibromofluoromethane	5.385	113	51949	50.836	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.680%	
50) Toluene-d8	8.647	98	181576	49.317	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.640%	
62) 4-Bromofluorobenzene	11.079	95	63381	48.200	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.400%	
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	285	0.612	ug/l	93
20) Methylene Chloride	2.788	84	284	0.267	ug/l #	56
31) Cyclohexane	5.544	56	1661	1.034	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	6458	4.609	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9739	6.517	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	710	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30586	25.364	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	30586	78.113	ug/l #	8

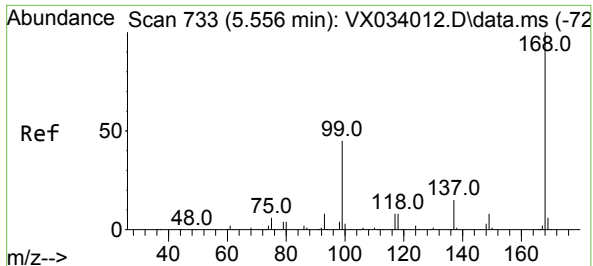
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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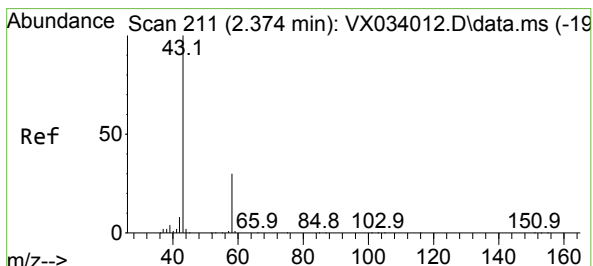
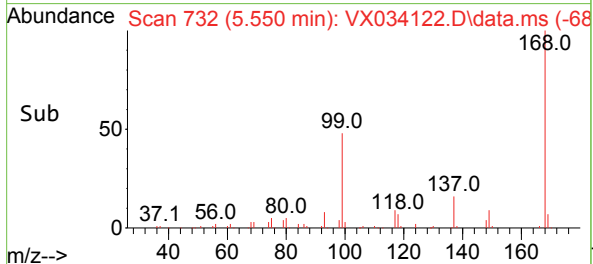
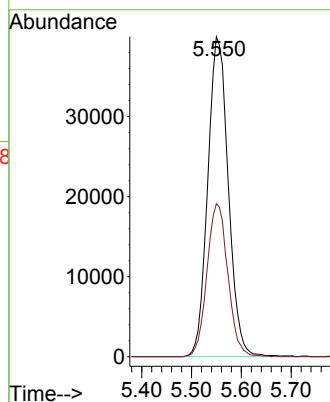
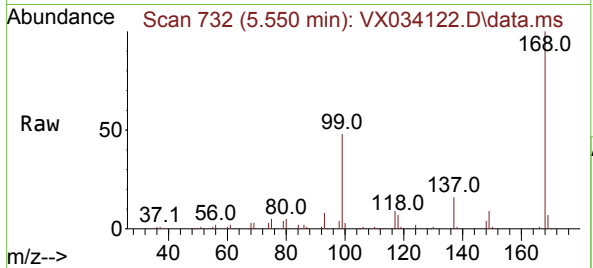




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034122.D
Acq: 10 Feb 2023 18:12

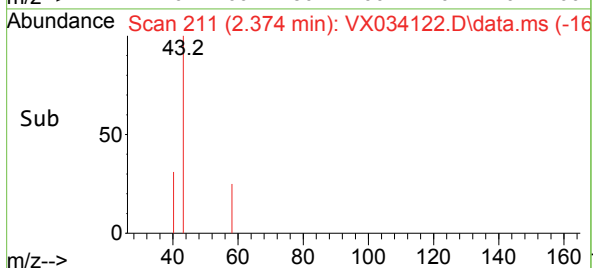
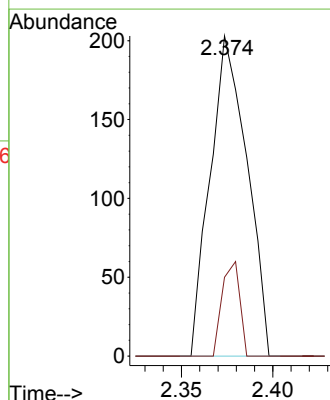
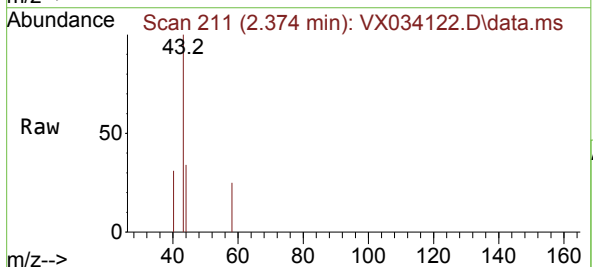
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-2

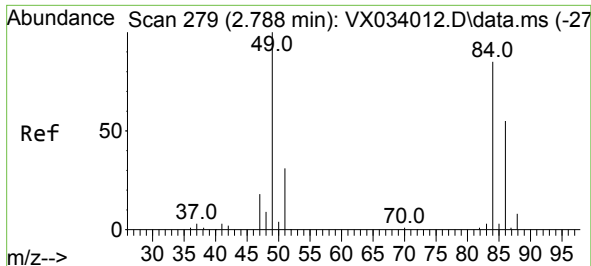
Tgt Ion:168 Resp: 114390
Ion Ratio Lower Upper
168 100
99 47.8 39.6 59.4



#16
Acetone
Concen: 0.612 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034122.D
Acq: 10 Feb 2023 18:12

Tgt Ion: 43 Resp: 285
Ion Ratio Lower Upper
43 100
58 24.6 22.6 33.8





#20

Methylene Chloride

Concen: 0.267 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034122.D

Acq: 10 Feb 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

TB-2023-2-2

Tgt Ion: 84 Resp: 284

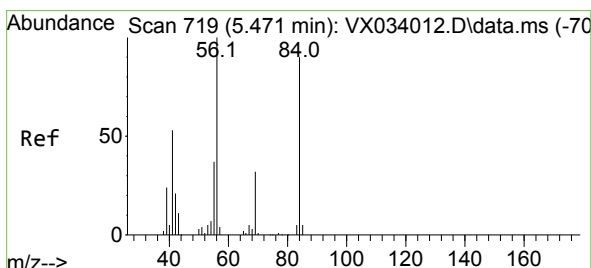
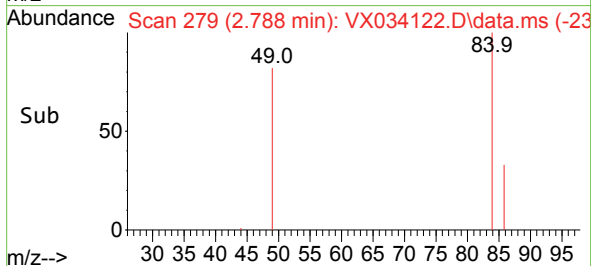
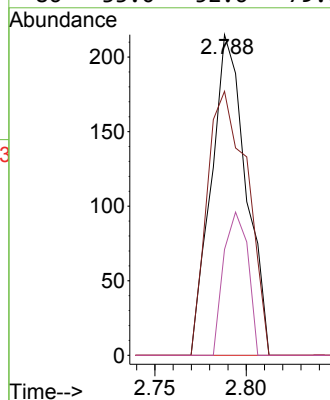
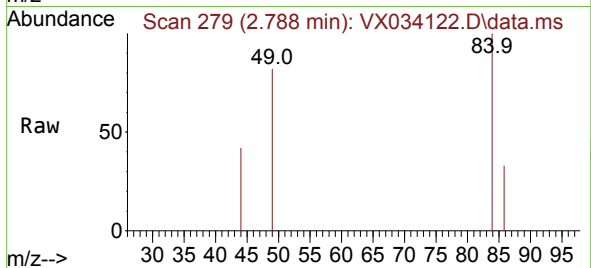
Ion Ratio Lower Upper

84 100

49 82.3 101.1 151.7#

51 0.0 31.0 46.6#

86 33.0 52.6 79.0#



#31

Cyclohexane

Concen: 1.034 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX034122.D

Acq: 10 Feb 2023 18:12

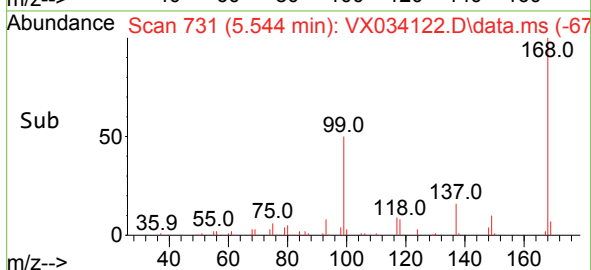
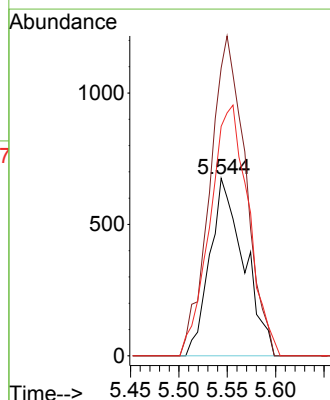
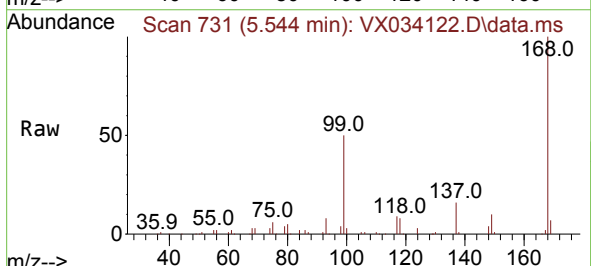
Tgt Ion: 56 Resp: 1661

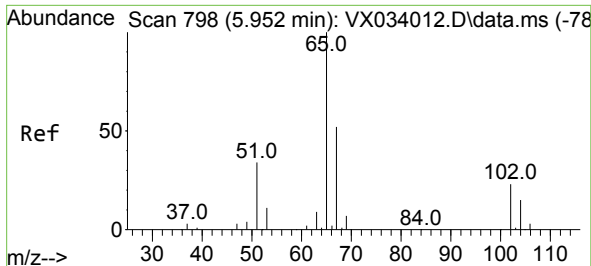
Ion Ratio Lower Upper

56 100

69 162.2 24.6 37.0#

84 129.3 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 52.323 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX034122.D

Acq: 10 Feb 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

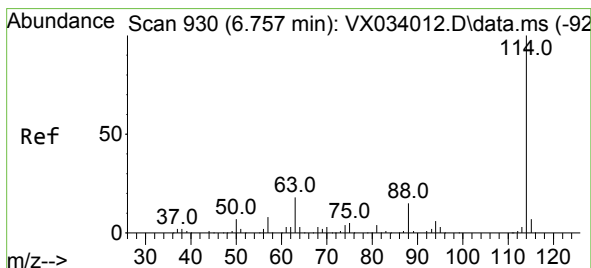
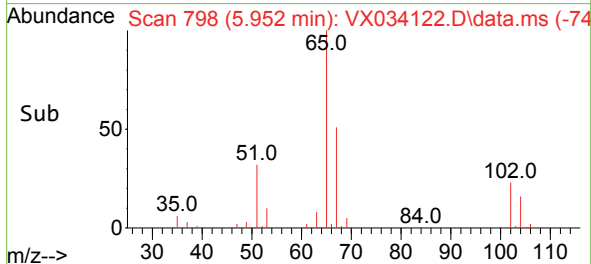
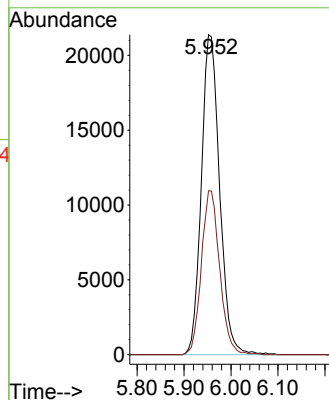
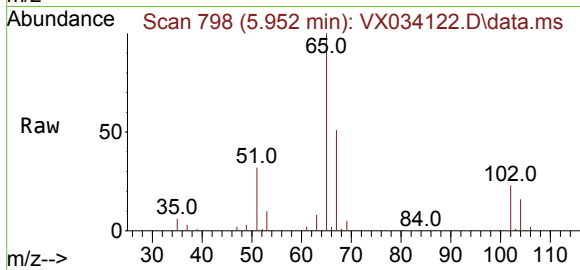
TB-2023-2-2

Tgt Ion: 65 Resp: 57701

Ion Ratio Lower Upper

65 100

67 51.4 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: VX034122.D

Acq: 10 Feb 2023 18:12

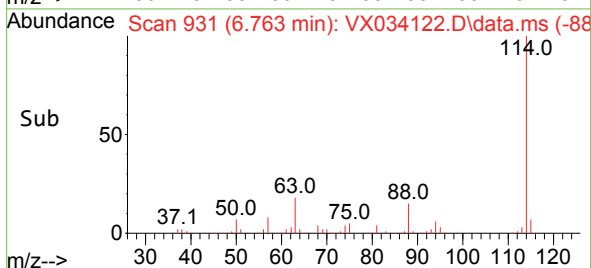
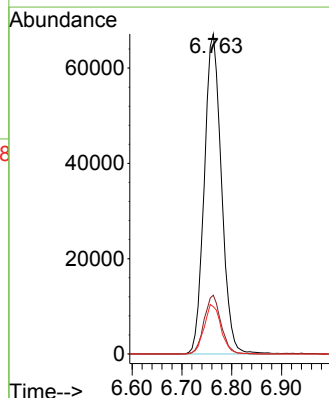
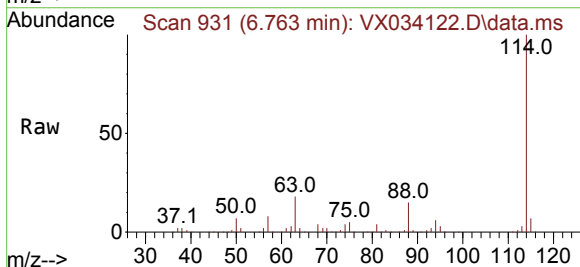
Tgt Ion: 114 Resp: 160565

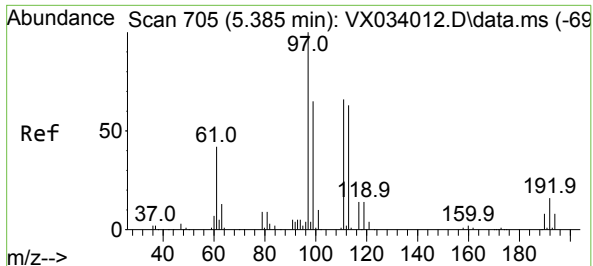
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 14.8 0.0 30.6

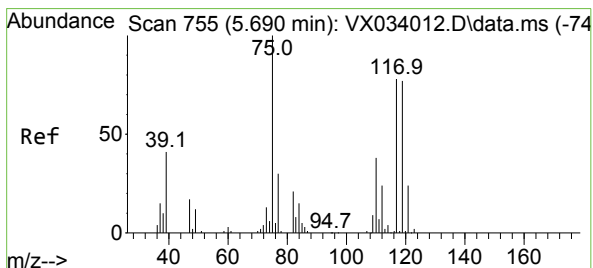
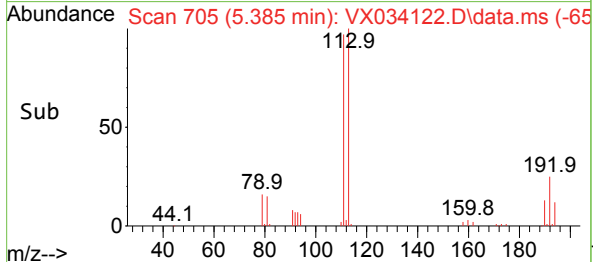
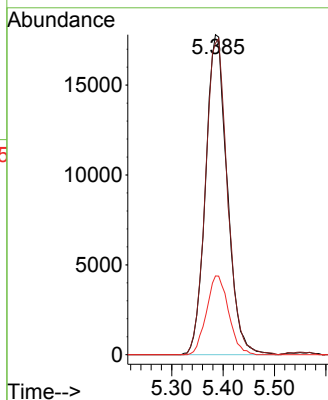
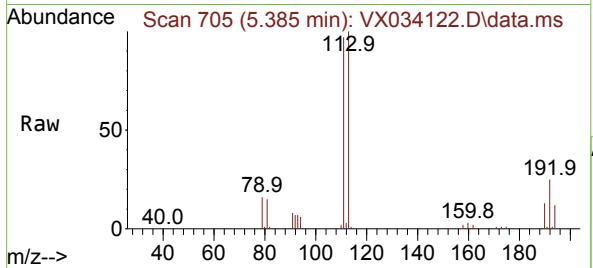




#35
Dibromofluoromethane
Concen: 50.836 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034122.D
Acq: 10 Feb 2023 18:12

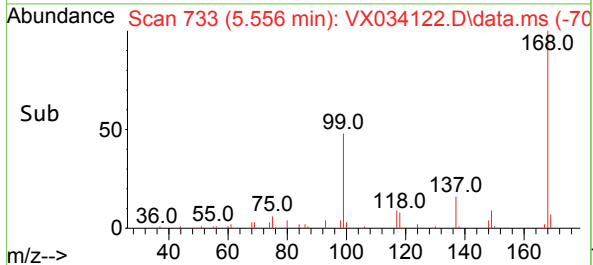
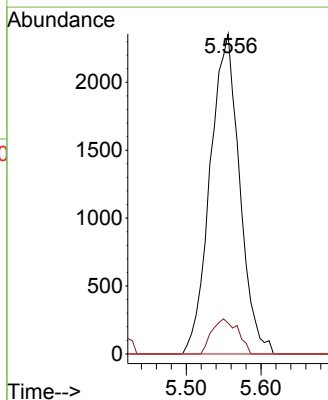
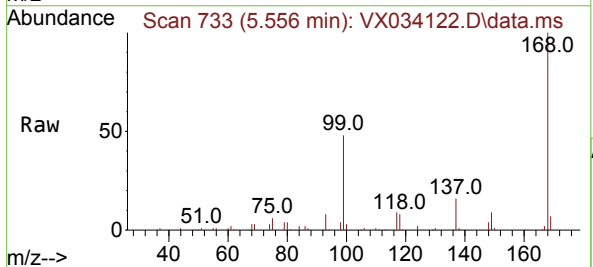
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-2

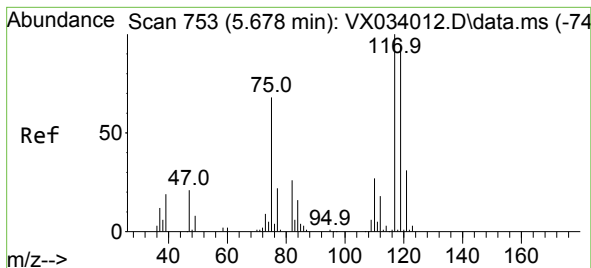
Tgt Ion:113 Resp: 51949
Ion Ratio Lower Upper
113 100
111 100.3 83.0 124.6
192 25.2 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.609 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX034122.D
Acq: 10 Feb 2023 18:12

Tgt Ion: 75 Resp: 6458
Ion Ratio Lower Upper
75 100
110 9.7 18.8 56.4#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.517 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX034122.D

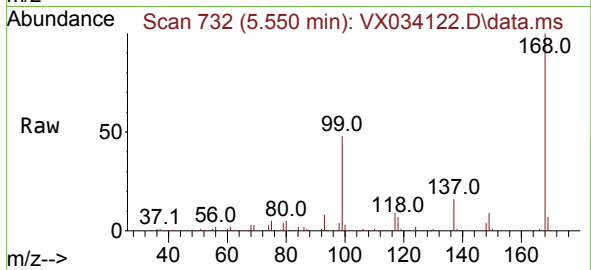
Acq: 10 Feb 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

TB-2023-2-2



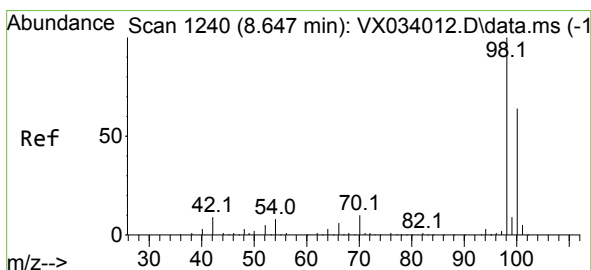
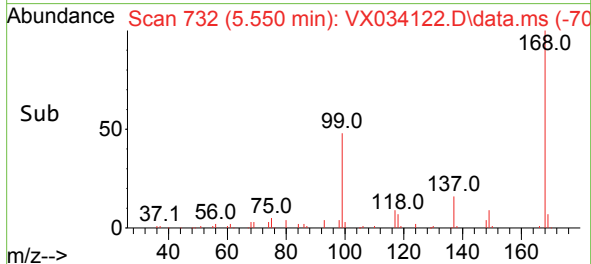
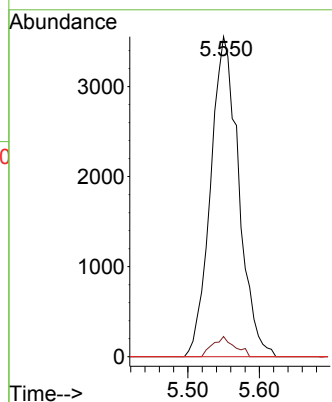
Tgt Ion:117 Resp: 9739

Ion Ratio Lower Upper

117 100

119 6.3 78.0 117.0#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 49.317 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034122.D

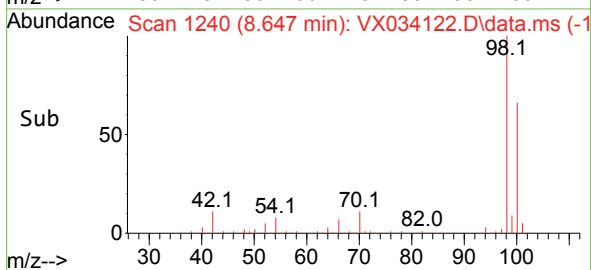
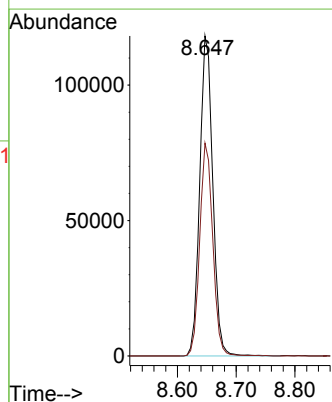
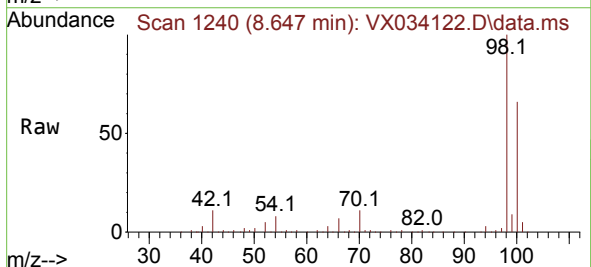
Acq: 10 Feb 2023 18:12

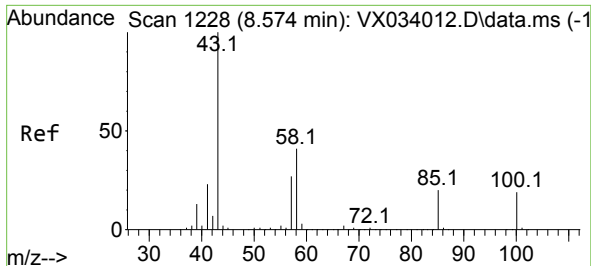
Tgt Ion: 98 Resp: 181576

Ion Ratio Lower Upper

98 100

100 66.6 53.6 80.4

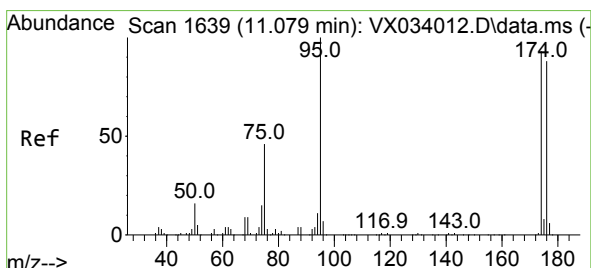
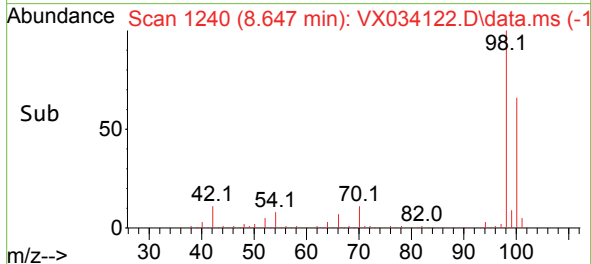
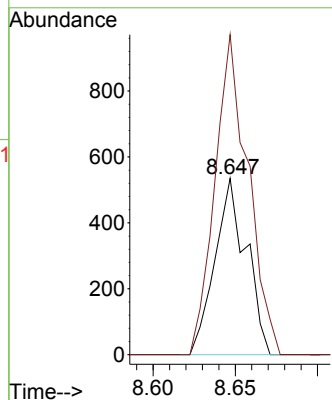
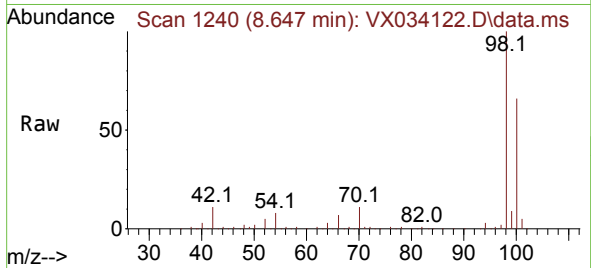




#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX034122.D
Acq: 10 Feb 2023 18:12

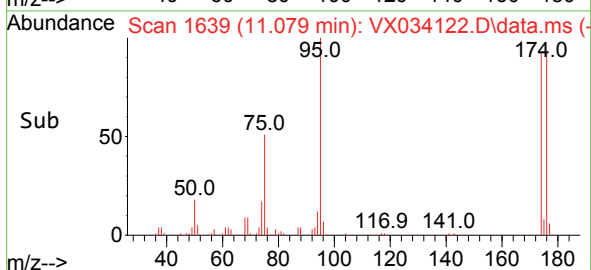
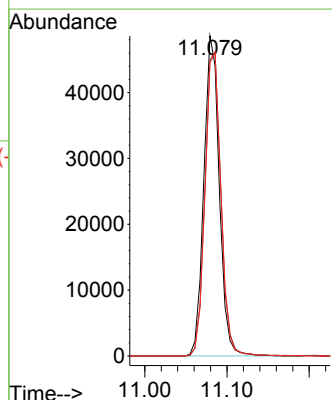
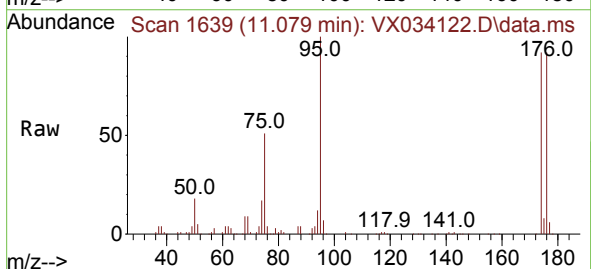
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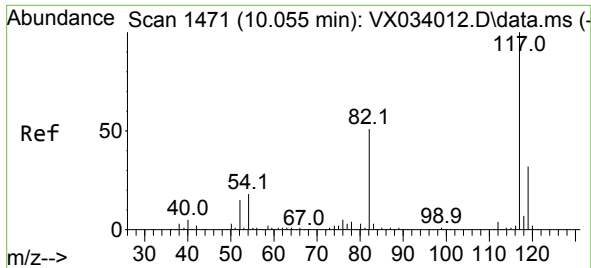
Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
58 191.8 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 48.200 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034122.D
Acq: 10 Feb 2023 18:12

Tgt Ion: 95 Resp: 63381
Ion Ratio Lower Upper
95 100
174 98.2 0.0 184.4
176 97.2 0.0 178.8

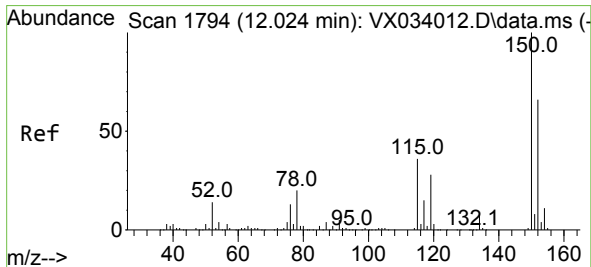
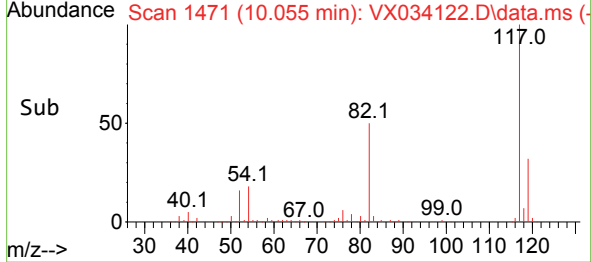
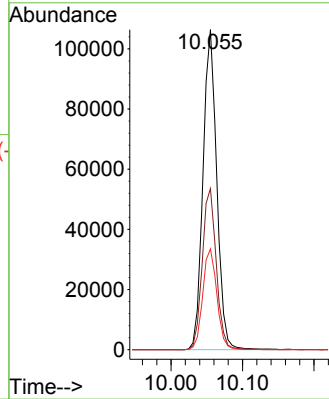
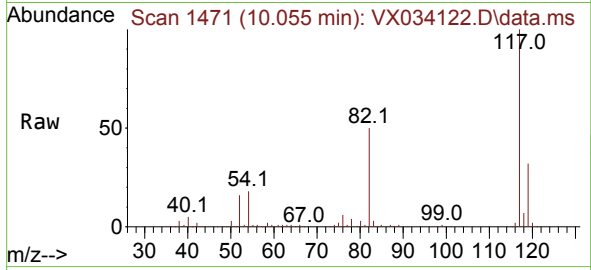




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034122.D
Acq: 10 Feb 2023 18:12

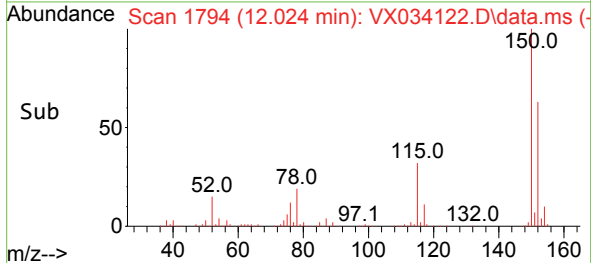
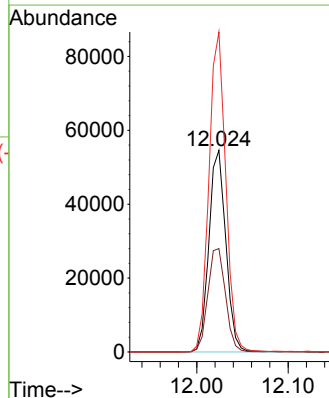
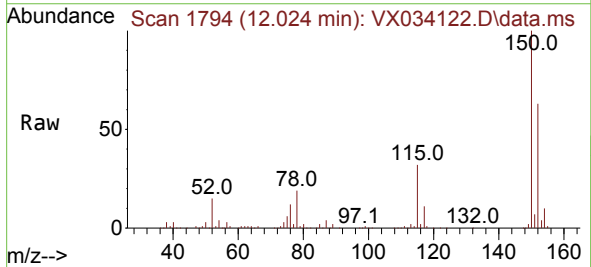
Instrument :
MSVOA_X
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TB-2023-2-2

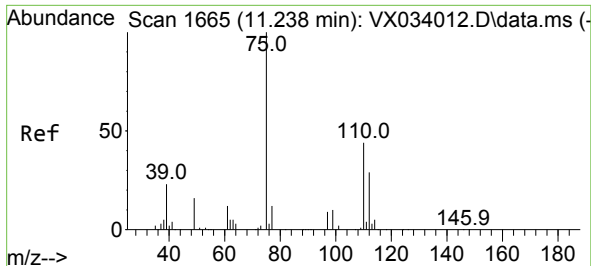
Tgt Ion:117 Resp: 142251
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034122.D
Acq: 10 Feb 2023 18:12

Tgt Ion:152 Resp: 70228
Ion Ratio Lower Upper
152 100
115 53.5 38.7 116.1
150 156.7 0.0 348.2

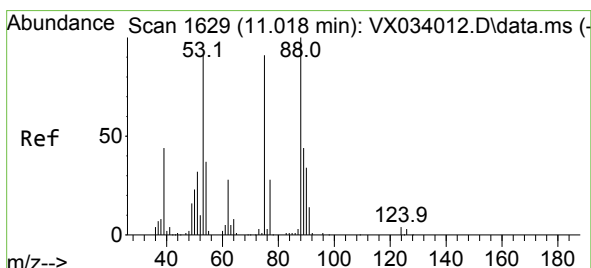
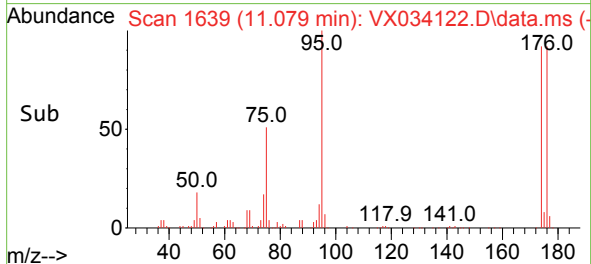
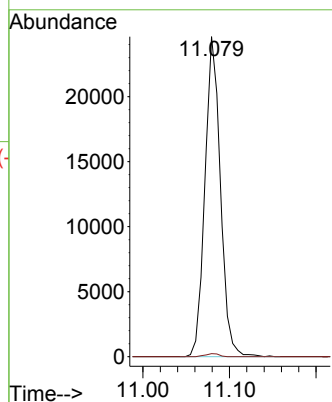
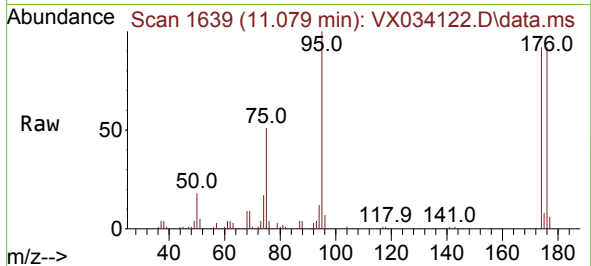




#76
1,2,3-Trichloropropane
Concen: 25.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034122.D
Acq: 10 Feb 2023 18:12

Instrument :
MSVOA_X
ClientSampleId :
TB-2023-2-2

Tgt Ion: 75 Resp: 30586
Ion Ratio Lower Upper
75 100
77 0.8 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.113 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034122.D
Acq: 10 Feb 2023 18:12

Tgt Ion: 75 Resp: 30586
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

