

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021723\
 Data File : VX034162.D
 Acq On : 17 Feb 2023 16:41
 Operator : JC/MD
 Sample : 01559-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-TB-20230210

Quant Time: Feb 20 00:35:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

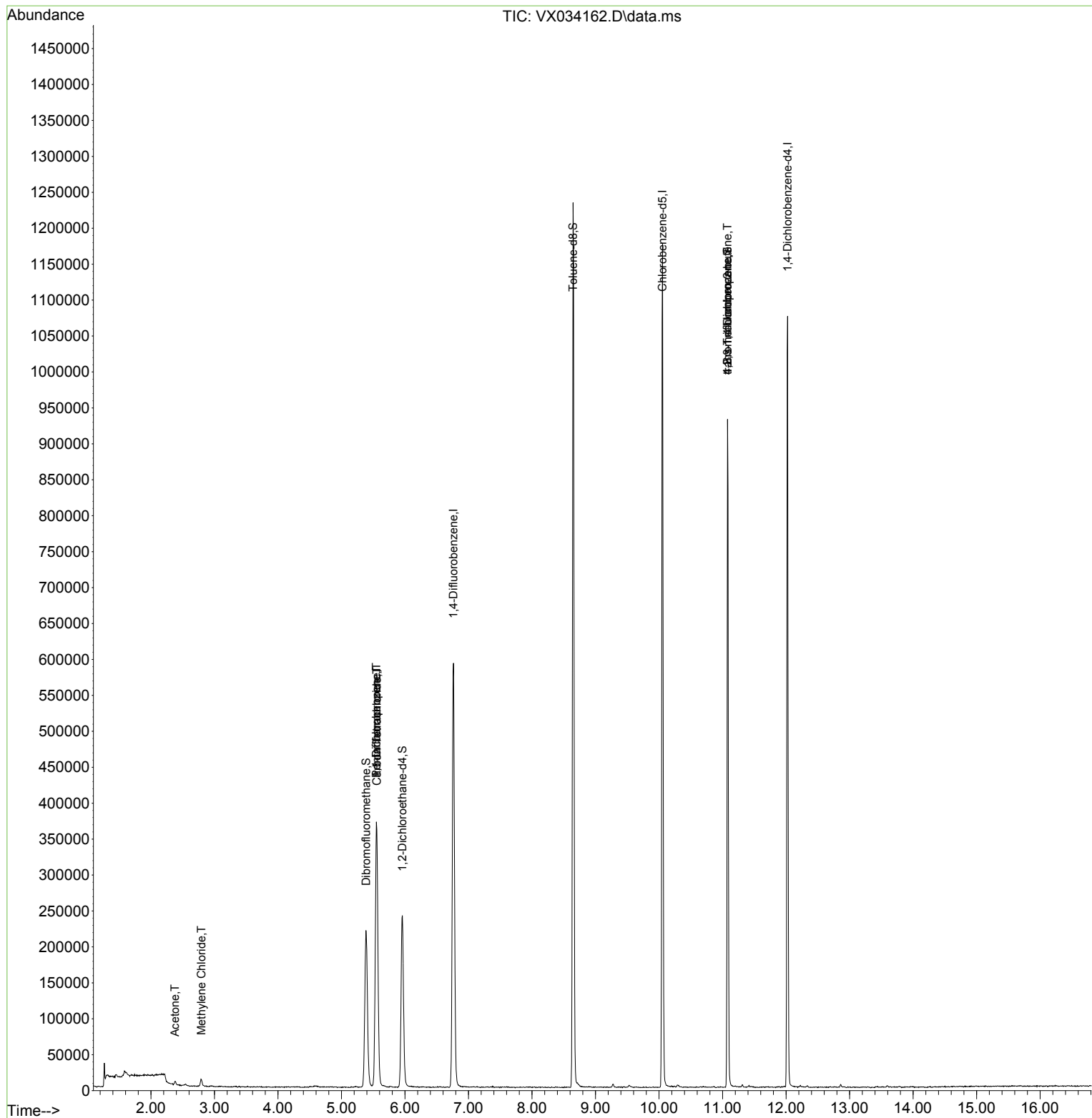
Internal Standards						
1) Pentafluorobenzene	5.550	168	370363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	615772	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	538848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220399	44.187	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.380%
35) Dibromofluoromethane	5.385	113	194355	48.476	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	8.647	98	736961	51.197	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.400%
62) 4-Bromofluorobenzene	11.079	95	252261	45.815	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.640%
Target Compounds						
					Qvalue	
5) Bromomethane	1.587	94	42	Below Cal	#	1
16) Acetone	2.380	43	5028	1.954	ug/l #	80
20) Methylene Chloride	2.794	84	5468	1.179	ug/l	91
36) 1,1-Dichloropropene	5.550	75	27456	4.631	ug/l #	49
38) Carbon Tetrachloride	5.556	117	34892	5.719	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	122564	21.339	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	122564	54.817	ug/l #	8

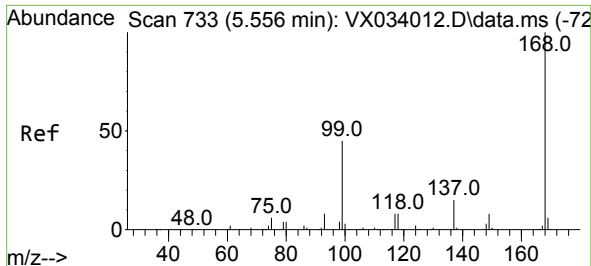
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

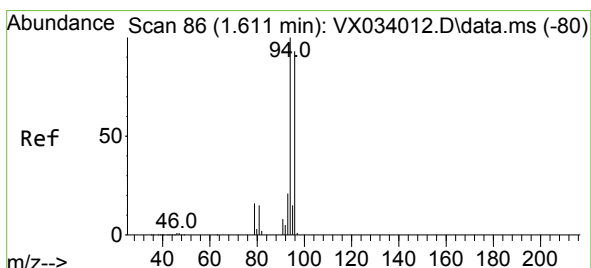
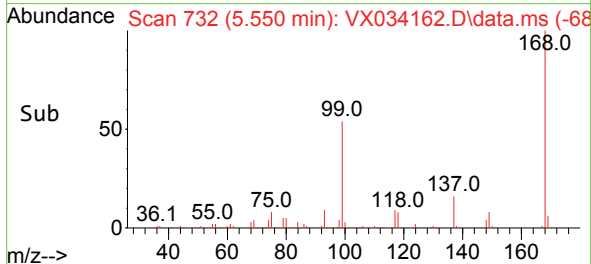
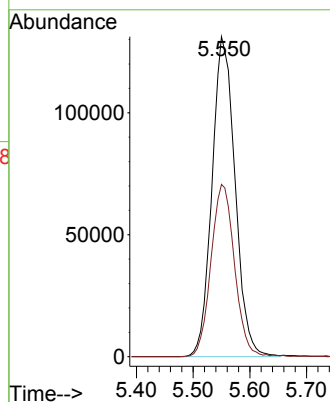
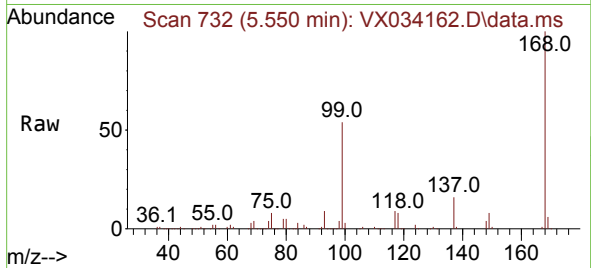




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034162.D
Acq: 17 Feb 2023 16:41

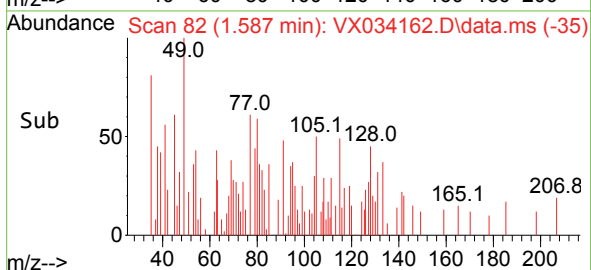
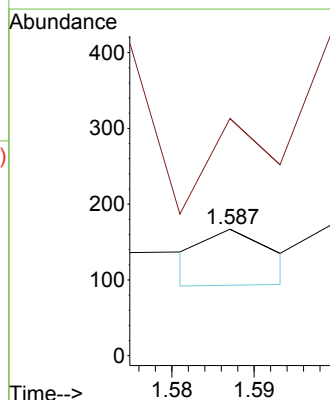
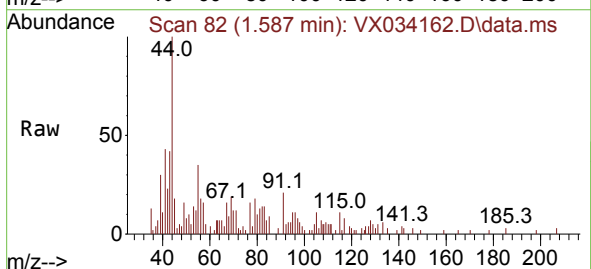
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230210

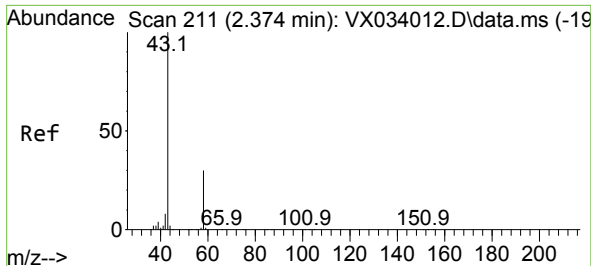
Tgt Ion:168 Resp: 370363
Ion Ratio Lower Upper
168 100
99 53.8 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX034162.D
Acq: 17 Feb 2023 16:41

Tgt Ion: 94 Resp: 42
Ion Ratio Lower Upper
94 100
96 393.8 74.3 111.5#

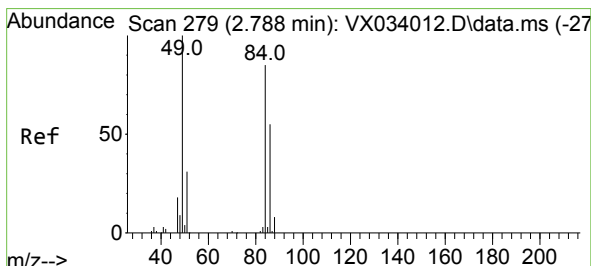
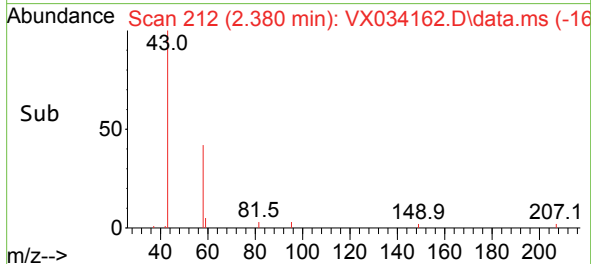
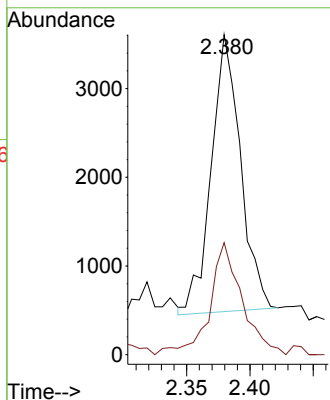
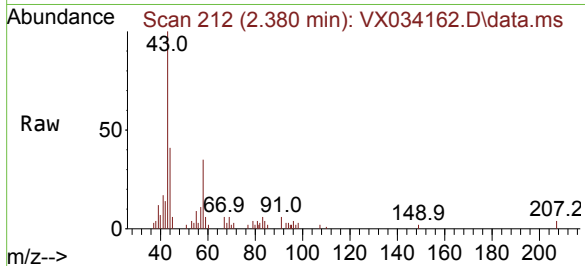




#16
Acetone
Concen: 1.954 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034162.D
Acq: 17 Feb 2023 16:41

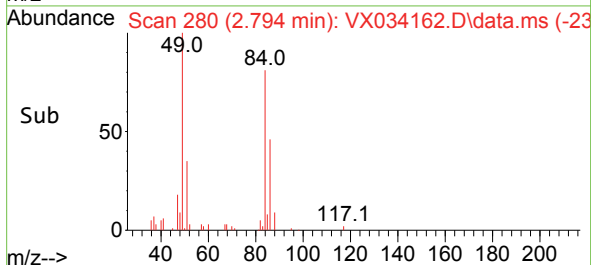
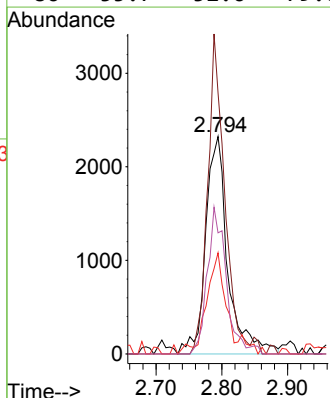
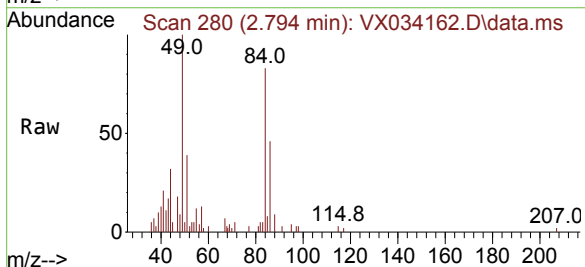
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-TB-20230210

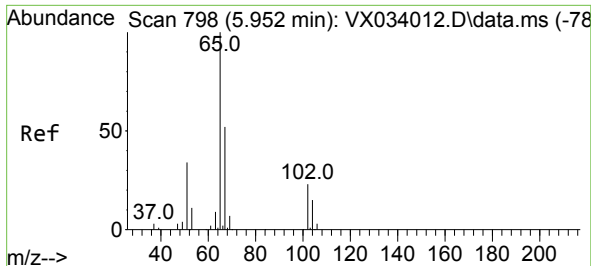
Tgt Ion: 43 Resp: 5028
Ion Ratio Lower Upper
43 100
58 38.6 22.6 33.8#



#20
Methylene Chloride
Concen: 1.179 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034162.D
Acq: 17 Feb 2023 16:41

Tgt Ion: 84 Resp: 5468
Ion Ratio Lower Upper
84 100
49 120.1 101.1 151.7
51 46.5 31.0 46.6
86 55.7 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 44.187 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034162.D

Acq: 17 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

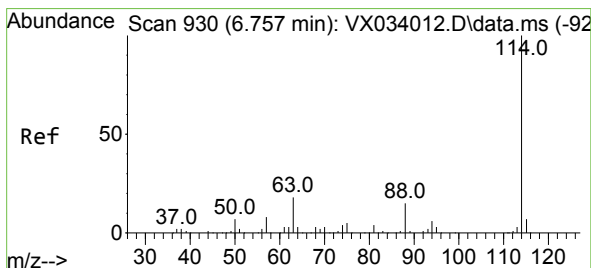
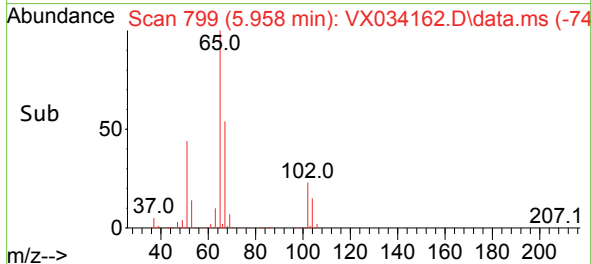
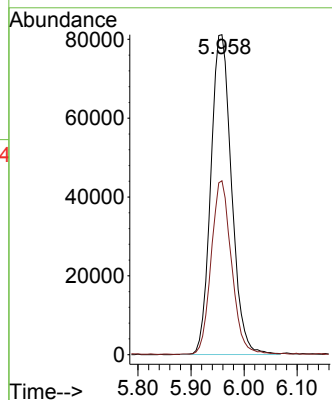
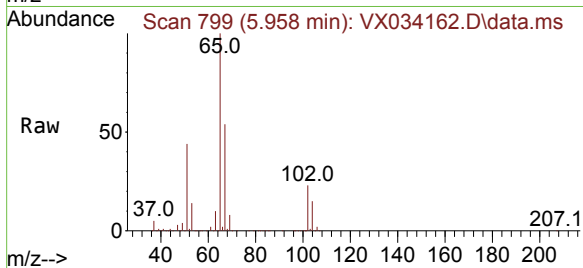
BP-VPB-RW10-TB-20230210

Tgt Ion: 65 Resp: 220399

Ion Ratio Lower Upper

65 100

67 53.3 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: VX034162.D

Acq: 17 Feb 2023 16:41

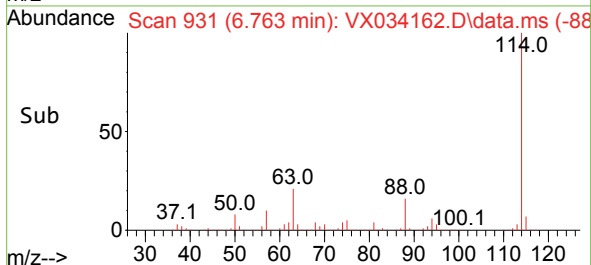
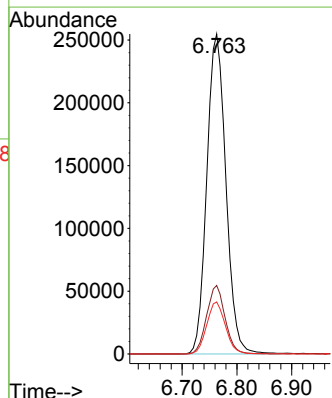
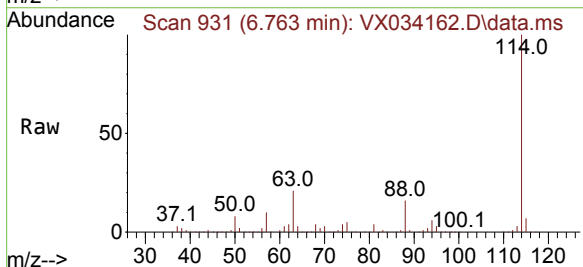
Tgt Ion: 114 Resp: 615772

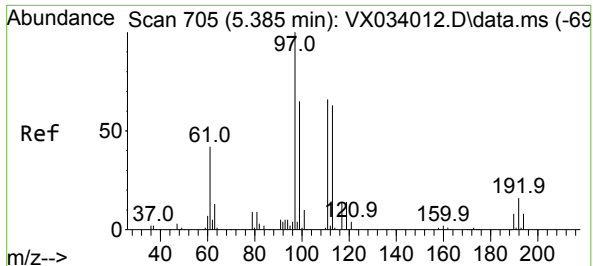
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.476 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034162.D

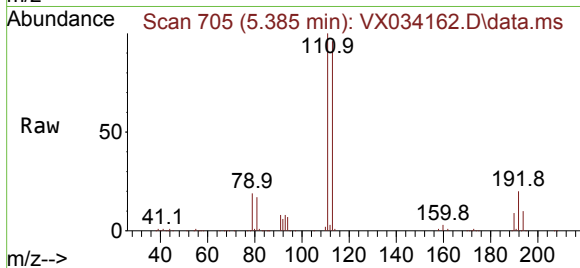
Acq: 17 Feb 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW10-TB-20230210



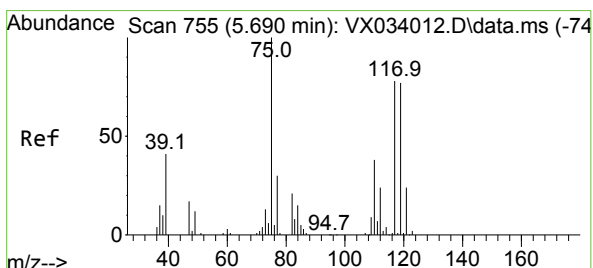
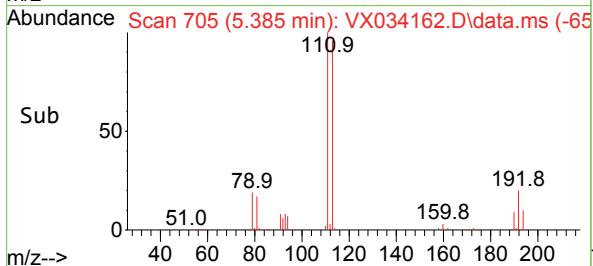
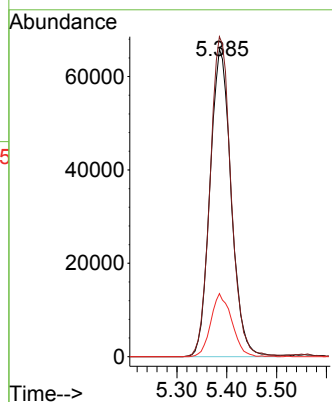
Tgt Ion:113 Resp: 194355

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

192 20.4 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.631 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX034162.D

Acq: 17 Feb 2023 16:41

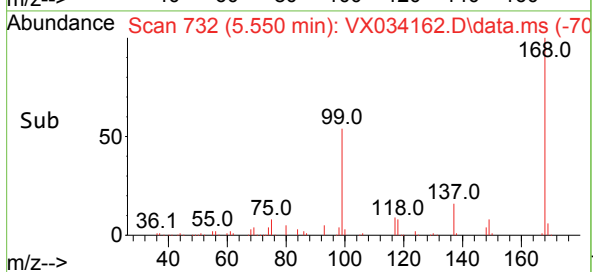
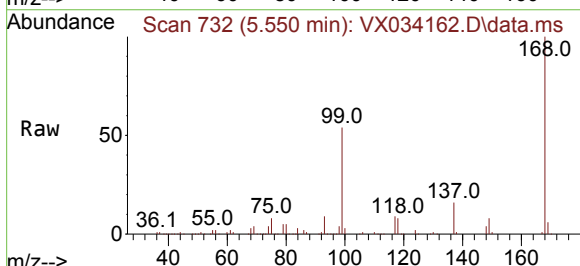
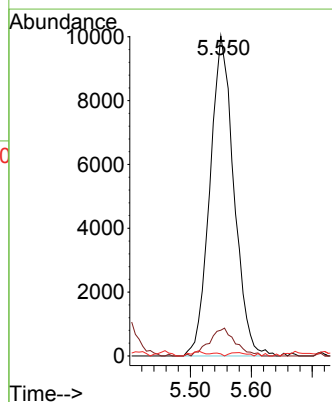
Tgt Ion: 75 Resp: 27456

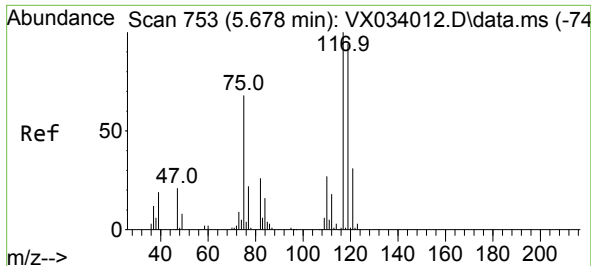
Ion Ratio Lower Upper

75 100

110 9.4 18.8 56.4#

77 0.3 25.1 37.7#

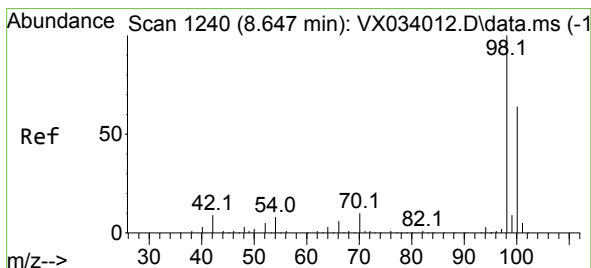
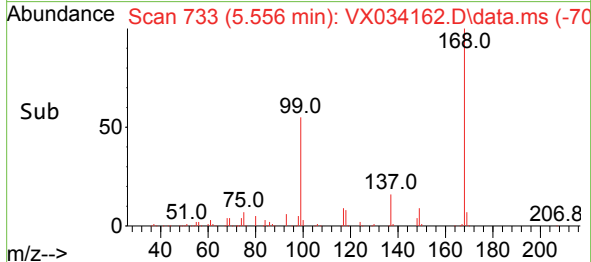
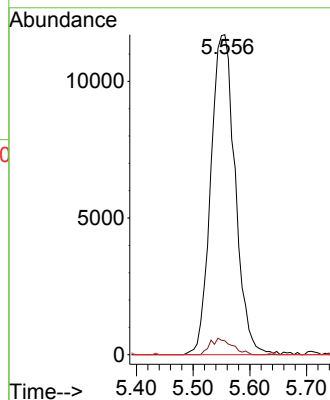
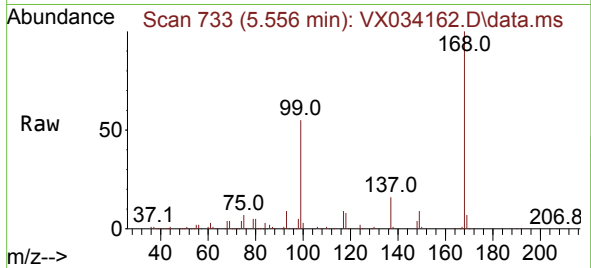




#38
Carbon Tetrachloride
Concen: 5.719 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX034162.D
Acq: 17 Feb 2023 16:41

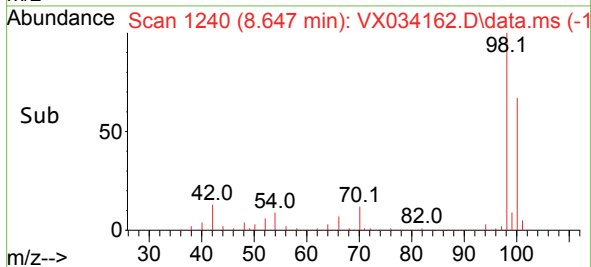
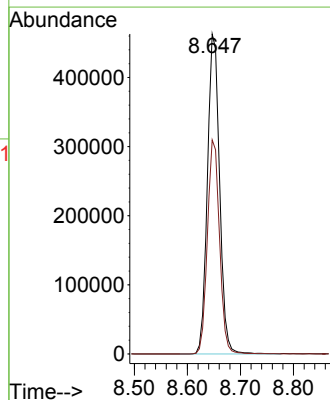
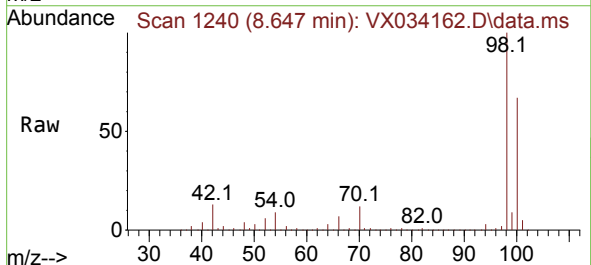
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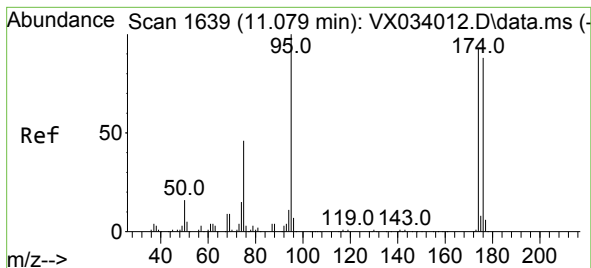
Tgt Ion:117 Resp: 34892
Ion Ratio Lower Upper
117 100
119 4.4 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.197 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034162.D
Acq: 17 Feb 2023 16:41

Tgt Ion: 98 Resp: 736961
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4

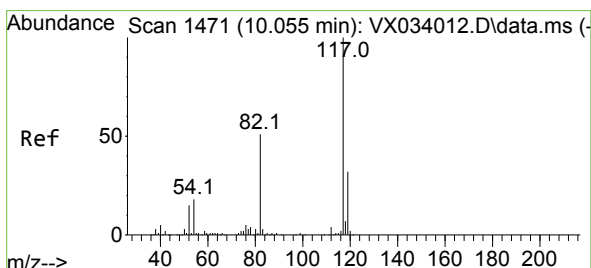
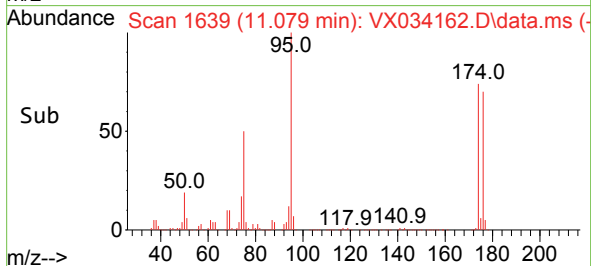
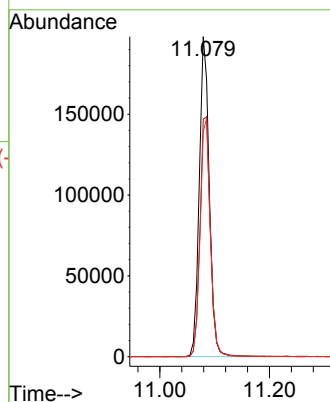
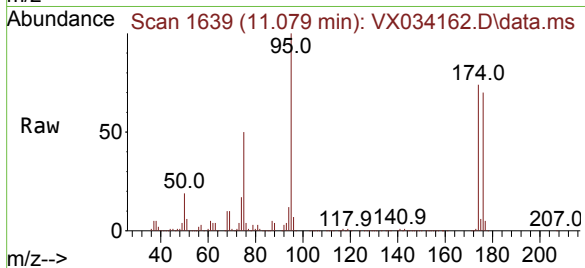




#62
4-Bromofluorobenzene
Concen: 45.815 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034162.D
Acq: 17 Feb 2023 16:41

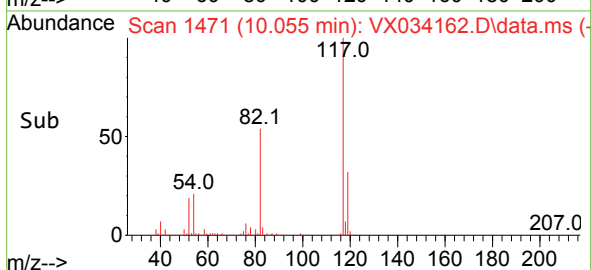
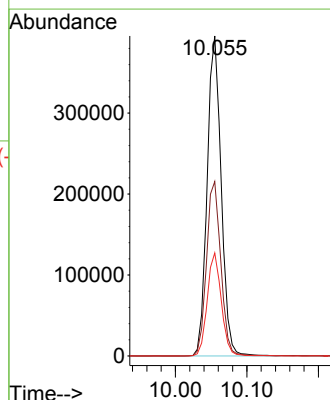
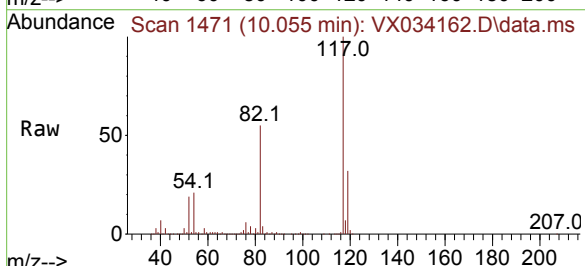
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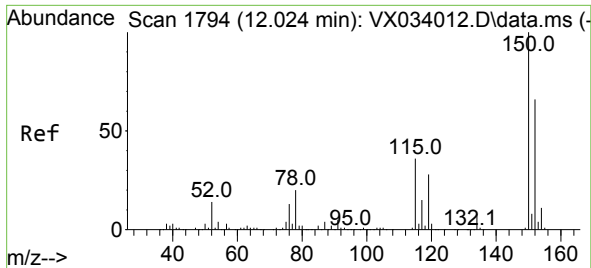
Tgt Ion: 95 Resp: 252261
Ion Ratio Lower Upper
95 100
174 77.9 0.0 184.4
176 75.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034162.D
Acq: 17 Feb 2023 16:41

Tgt Ion: 117 Resp: 538848
Ion Ratio Lower Upper
117 100
82 54.5 40.6 60.8
119 32.2 25.6 38.4

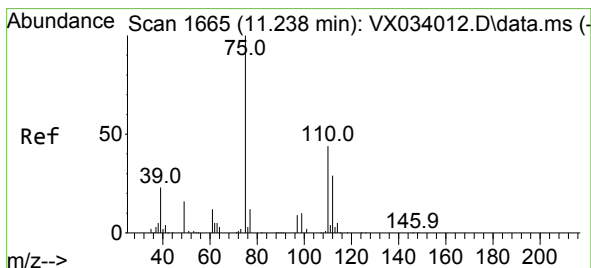
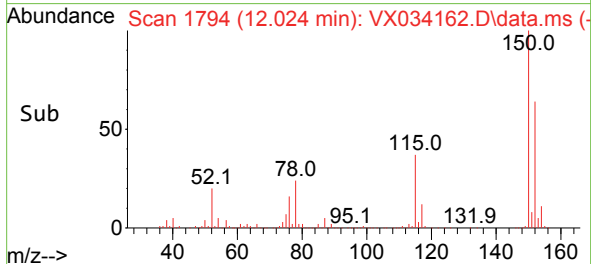
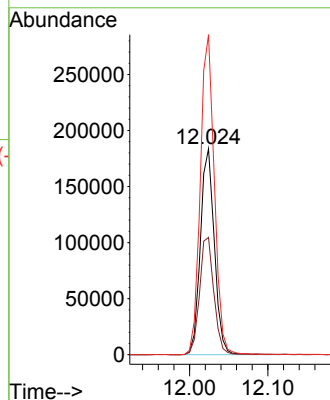
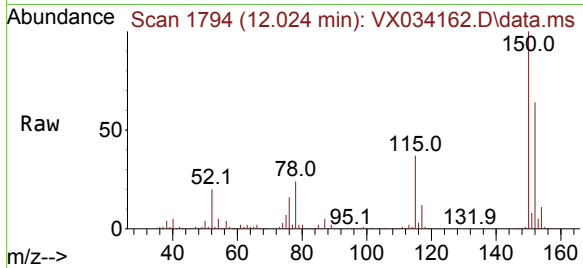




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034162.D
 Acq: 17 Feb 2023 16:41

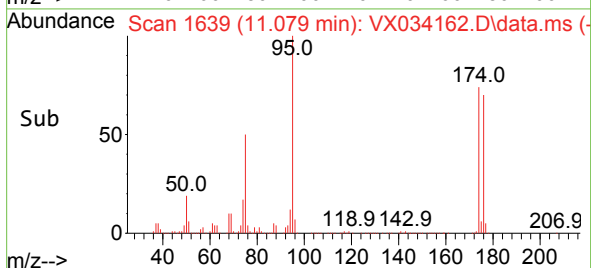
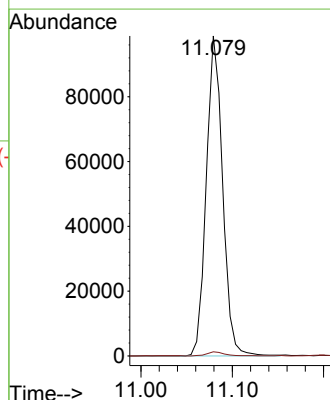
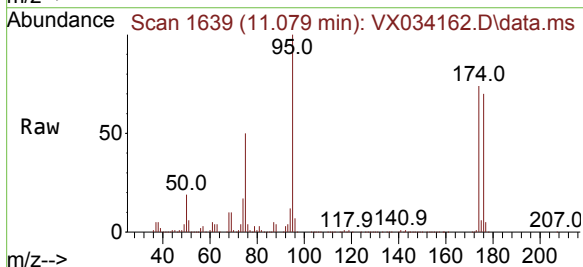
Instrument :
 MSVOA_X
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 BP-VPB-RW10-TB-20230210

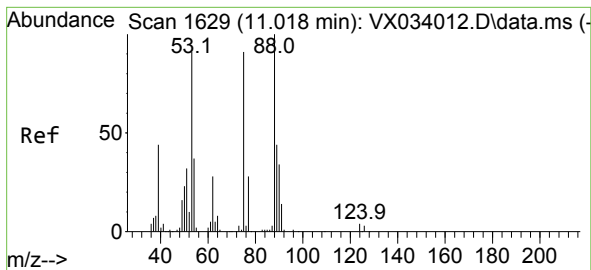
Tgt Ion:152 Resp: 228264
 Ion Ratio Lower Upper
 152 100
 115 58.5 38.7 116.1
 150 156.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 21.339 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034162.D
 Acq: 17 Feb 2023 16:41

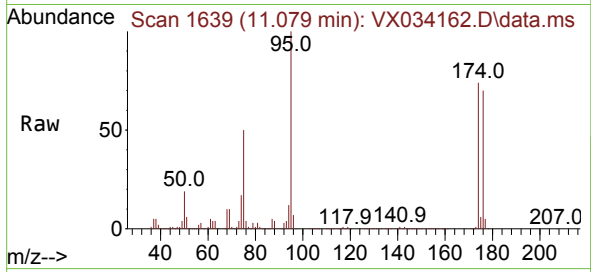
Tgt Ion: 75 Resp: 122564
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.817 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034162.D
 Acq: 17 Feb 2023 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-TB-20230210



Tgt Ion: 75 Resp: 122564
 Ion Ratio Lower Upper
 75 100
 53 0.2 83.0 124.6#
 89 0.0 37.7 56.5#

