

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021723\
 Data File : VX034163.D
 Acq On : 17 Feb 2023 17:04
 Operator : JC/MD
 Sample : 01559-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10-EB-20230214

Quant Time: Feb 20 00:35:29 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)

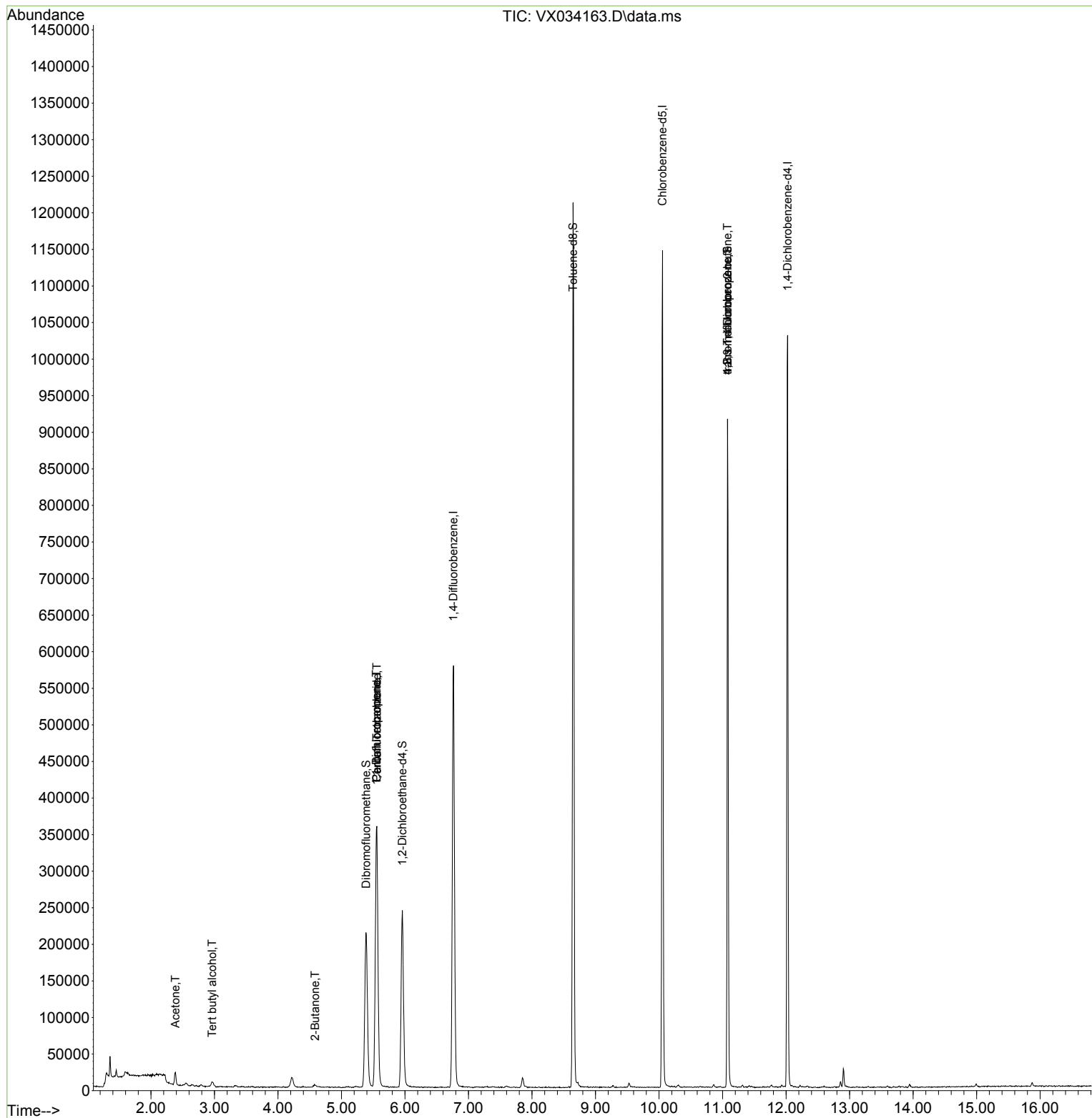
Internal Standards						
1) Pentafluorobenzene	5.556	168	362437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	603211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	519690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	215539	44.157	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.320%
35) Dibromofluoromethane	5.385	113	188400	47.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.940%
50) Toluene-d8	8.647	98	716883	50.839	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.680%
62) 4-Bromofluorobenzene	11.079	95	241263	44.730	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.460%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	139	Below Cal	#	3
11) Tert butyl alcohol	2.965	59	10199	9.342	ug/l #	81
16) Acetone	2.386	43	19895	7.901	ug/l	95
25) 2-Butanone	4.586	43	6297	1.728	ug/l	96
36) 1,1-Dichloropropene	5.550	75	26776	4.610	ug/l #	49
38) Carbon Tetrachloride	5.556	117	34379	5.752	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	118556	21.261	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	118556	54.617	ug/l #	8

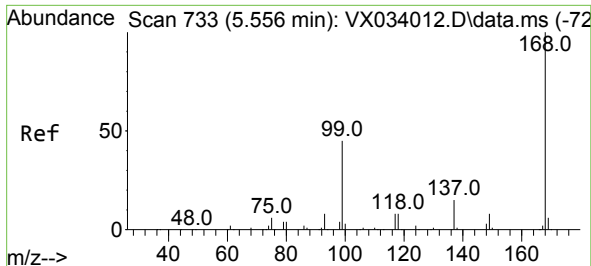
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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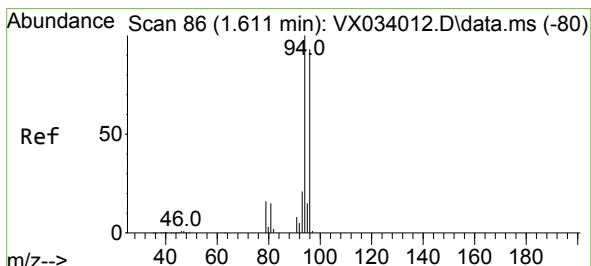
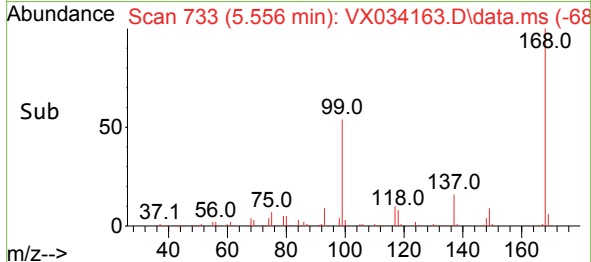
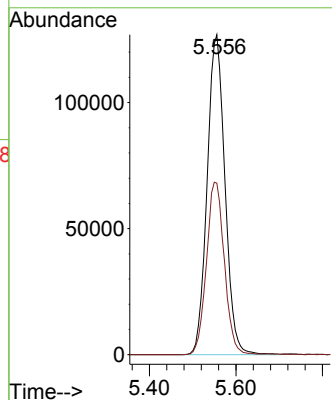
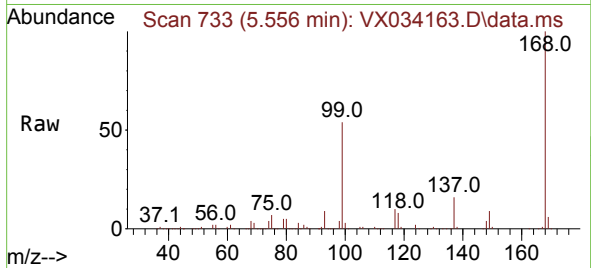




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034163.D
Acq: 17 Feb 2023 17:04

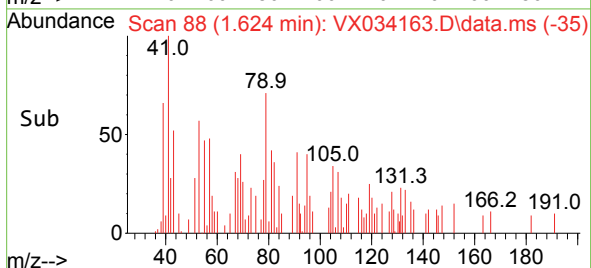
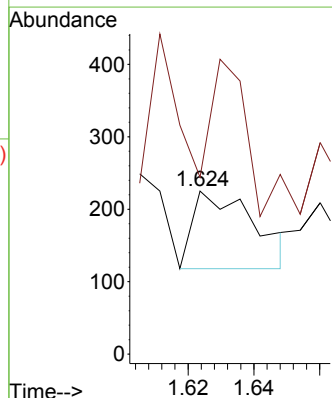
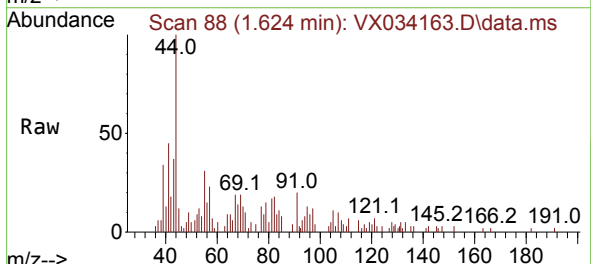
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-EB-20230214

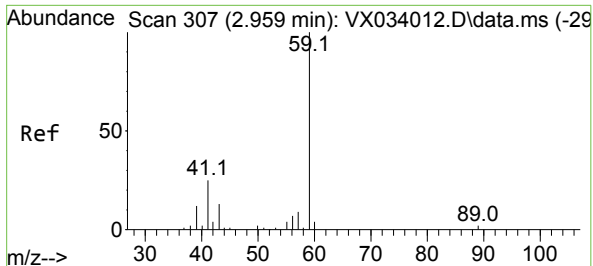
Tgt Ion:168 Resp: 362437
Ion Ratio Lower Upper
168 100
99 53.6 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX034163.D
Acq: 17 Feb 2023 17:04

Tgt Ion: 94 Resp: 139
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#





#11

Tert butyl alcohol

Concen: 9.342 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.012 min

Lab File: VX034163.D

Acq: 17 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

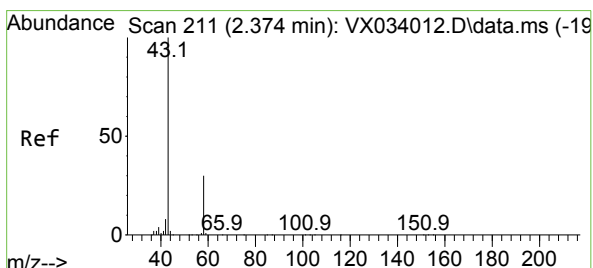
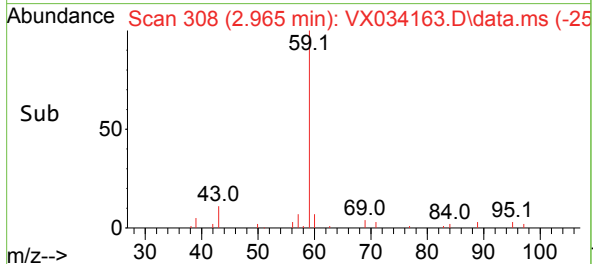
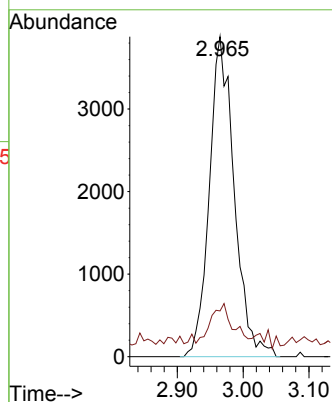
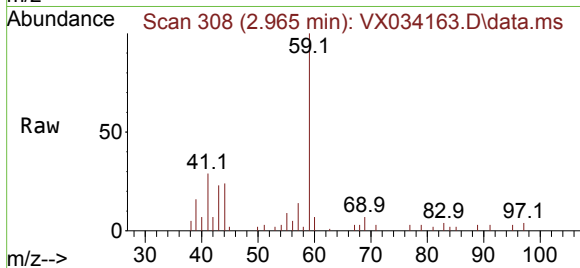
BP-VPB-RW10-EB-20230214

Tgt Ion: 59 Resp: 10199

Ion Ratio Lower Upper

59 100

57 10.9 3.7 5.5#



#16

Acetone

Concen: 7.901 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX034163.D

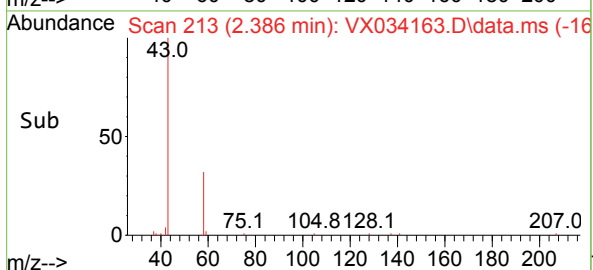
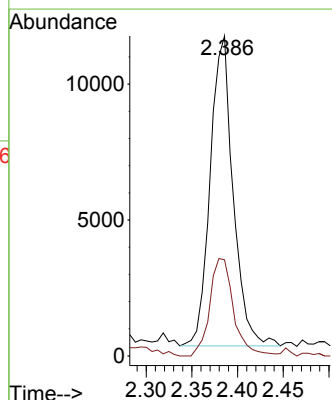
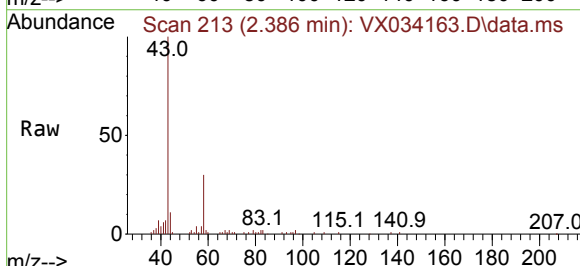
Acq: 17 Feb 2023 17:04

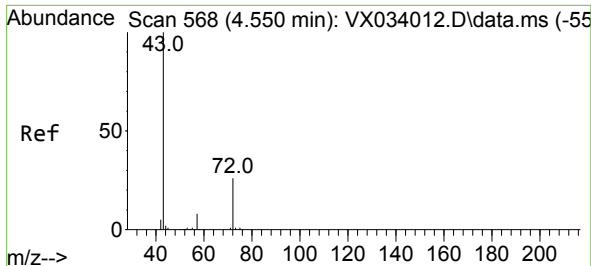
Tgt Ion: 43 Resp: 19895

Ion Ratio Lower Upper

43 100

58 31.0 22.6 33.8

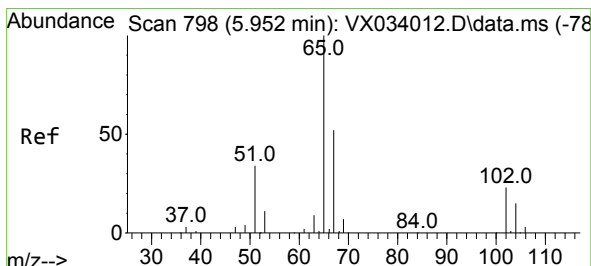
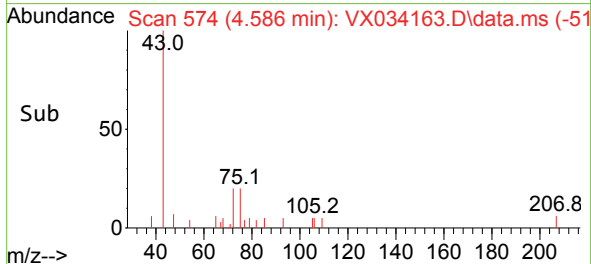
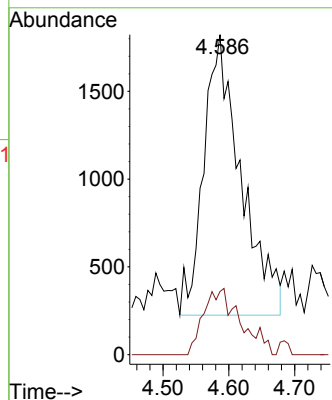
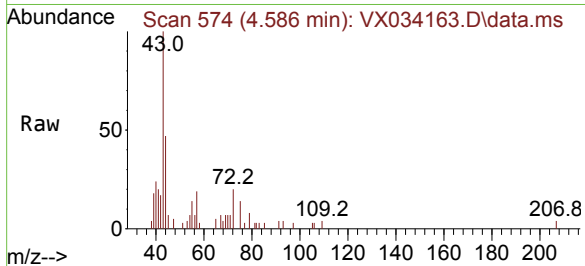




#25
2-Butanone
Concen: 1.728 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX034163.D
Acq: 17 Feb 2023 17:04

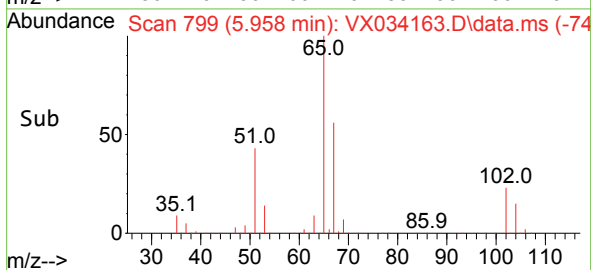
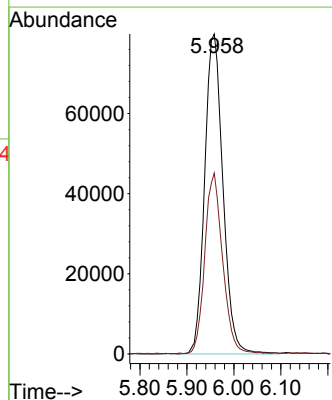
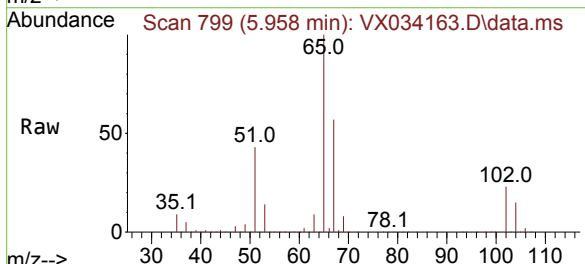
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-EB-20230214

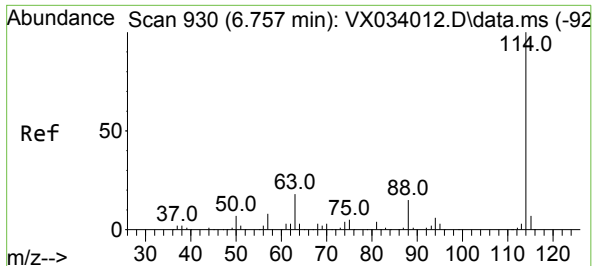
Tgt Ion: 43 Resp: 6297
Ion Ratio Lower Upper
43 100
72 22.5 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 44.157 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034163.D
Acq: 17 Feb 2023 17:04

Tgt Ion: 65 Resp: 215539
Ion Ratio Lower Upper
65 100
67 54.6 0.0 104.8

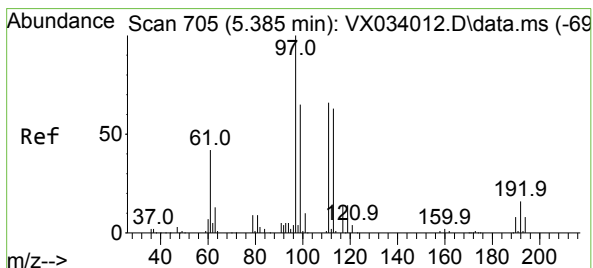
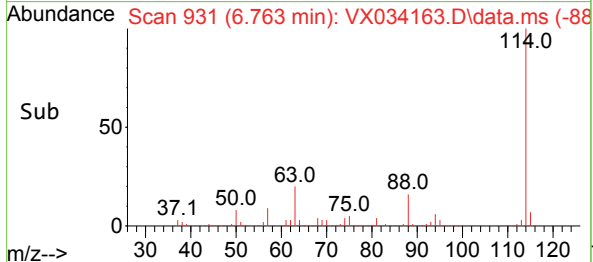
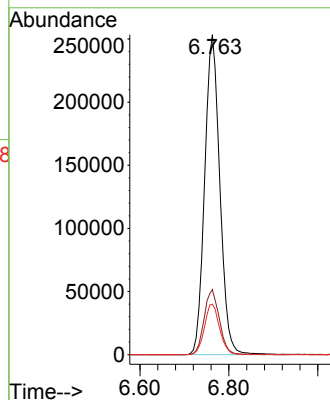
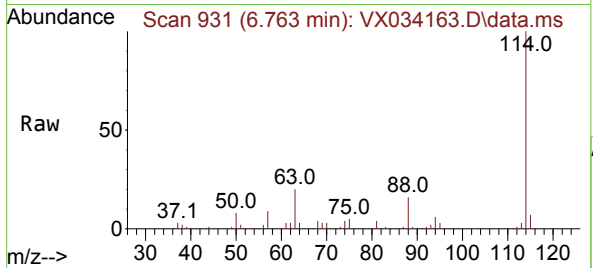




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX034163.D
Acq: 17 Feb 2023 17:04

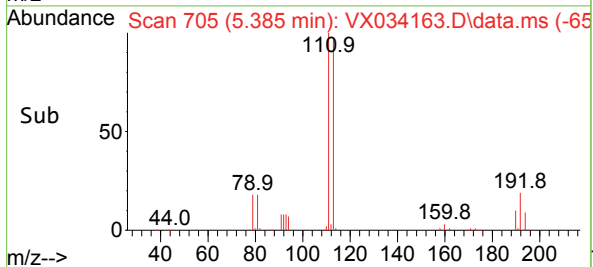
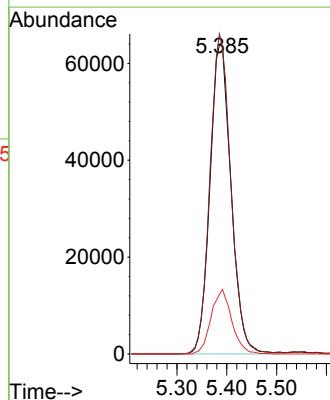
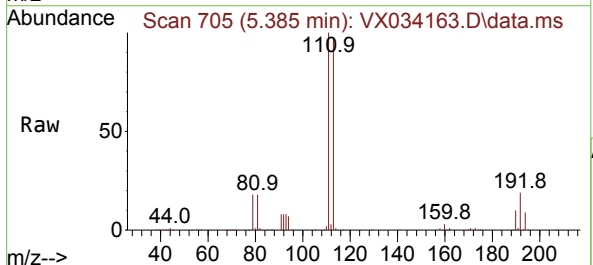
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-EB-20230214

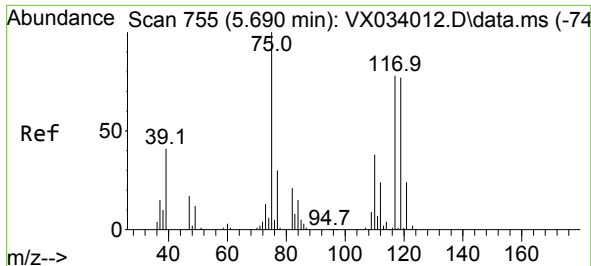
Tgt Ion:114 Resp: 603211
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 15.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.970 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034163.D
Acq: 17 Feb 2023 17:04

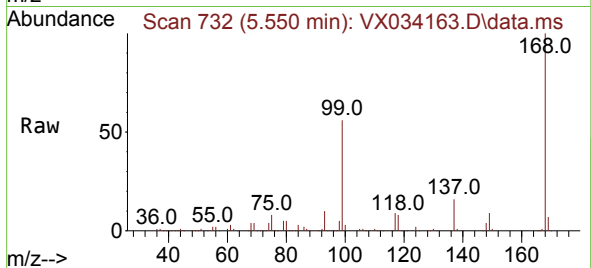
Tgt Ion:113 Resp: 188400
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.6
192 20.3 19.0 28.4



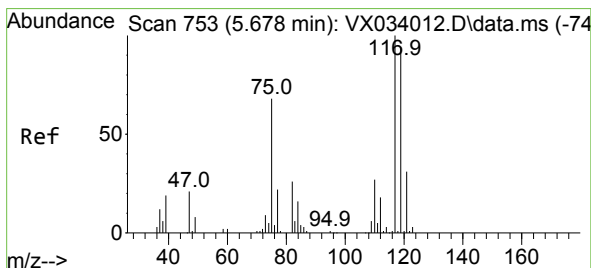
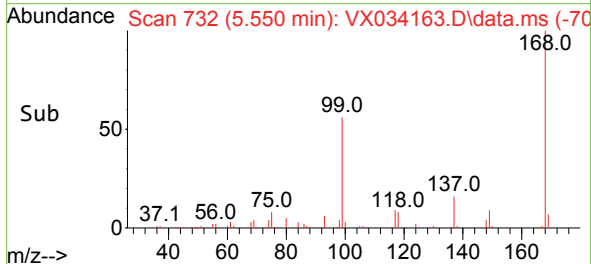
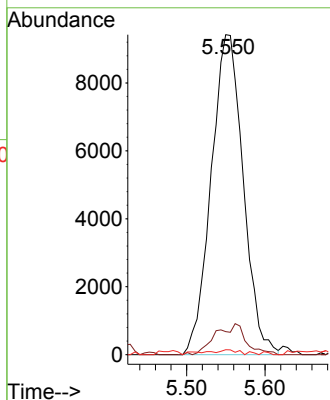


#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX034163.D
Acq: 17 Feb 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10-EB-20230214

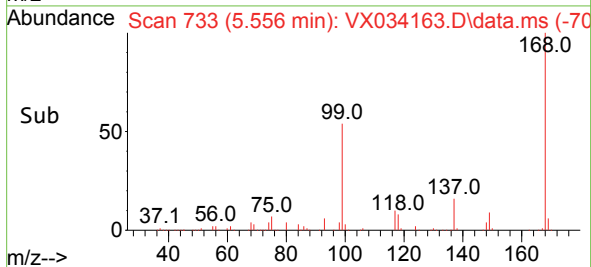
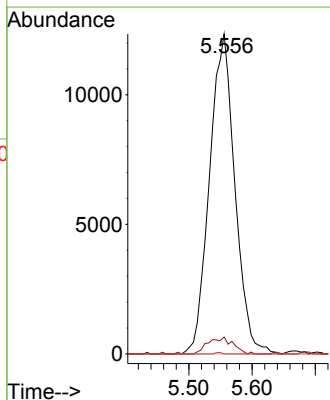
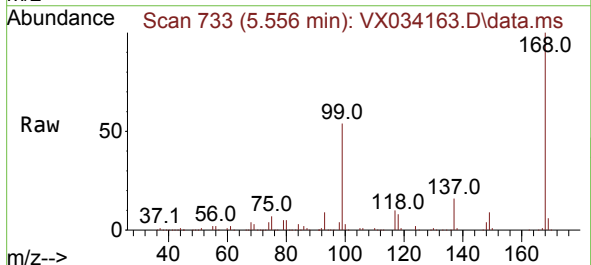


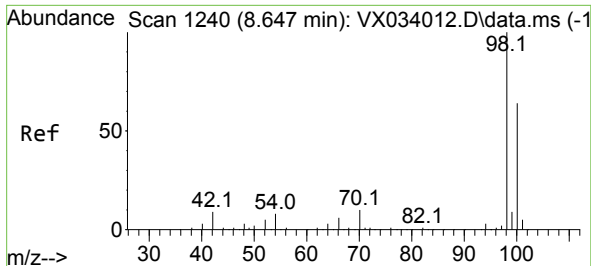
Tgt Ion: 75 Resp: 26776
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.4#
77 1.1 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.752 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034163.D
Acq: 17 Feb 2023 17:04

Tgt Ion: 117 Resp: 34379
Ion Ratio Lower Upper
117 100
119 4.8 78.0 117.0#
121 0.0 24.4 36.6#

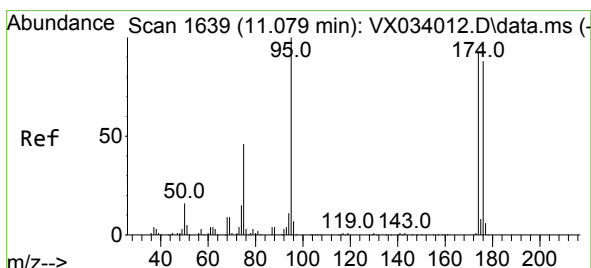
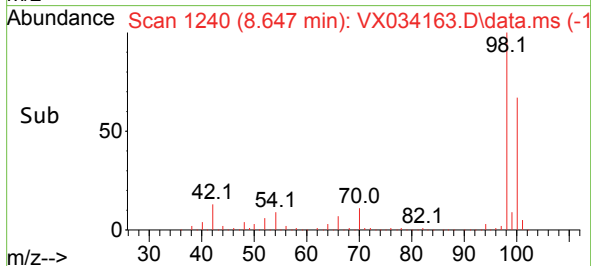
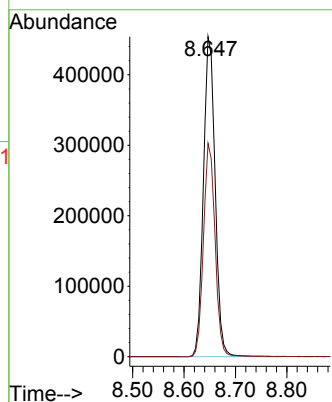
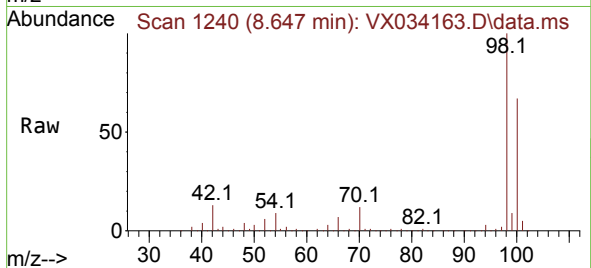




#50
Toluene-d8
Concen: 50.839 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034163.D
Acq: 17 Feb 2023 17:04

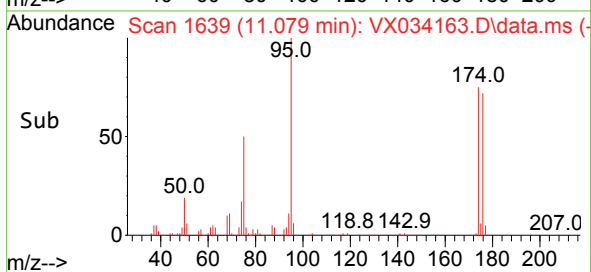
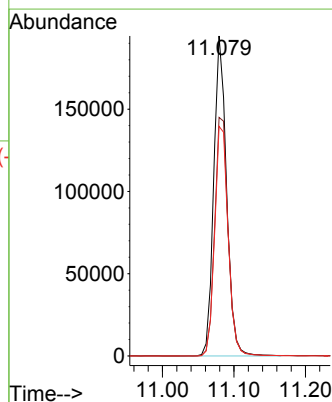
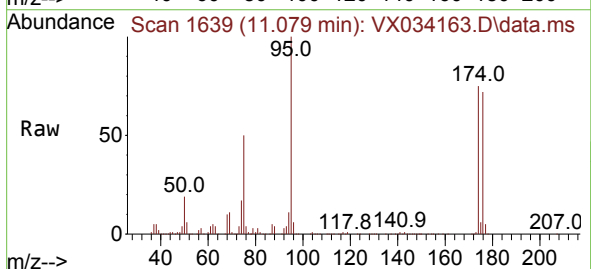
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ClientSampleId :
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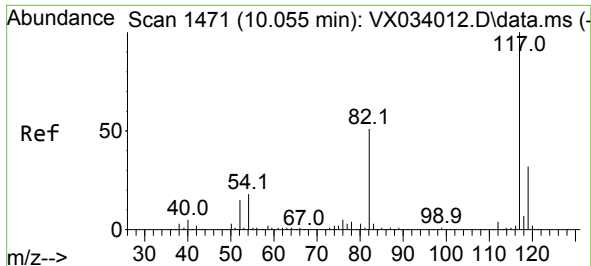
Tgt Ion: 98 Resp: 716883
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 44.730 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034163.D
Acq: 17 Feb 2023 17:04

Tgt Ion: 95 Resp: 241263
Ion Ratio Lower Upper
95 100
174 78.9 0.0 184.4
176 75.9 0.0 178.8

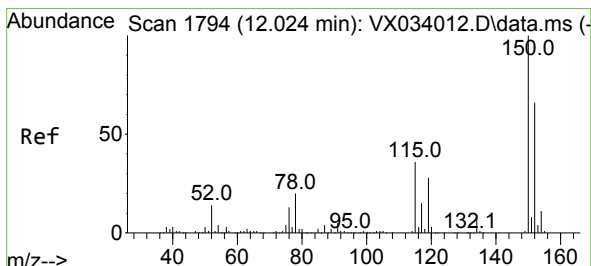
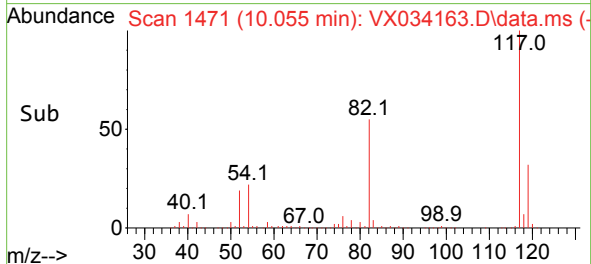
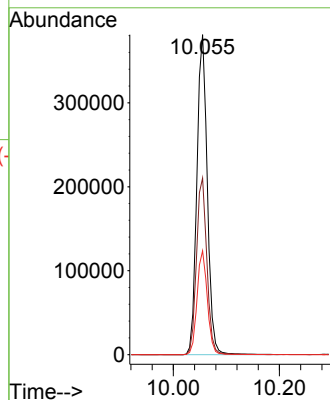
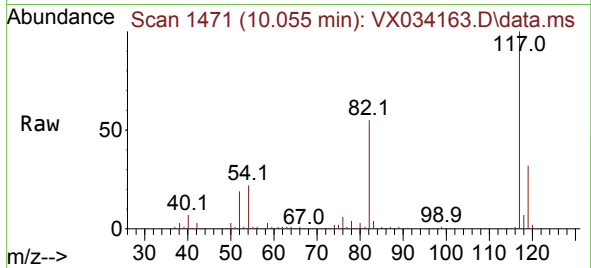




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034163.D
Acq: 17 Feb 2023 17:04

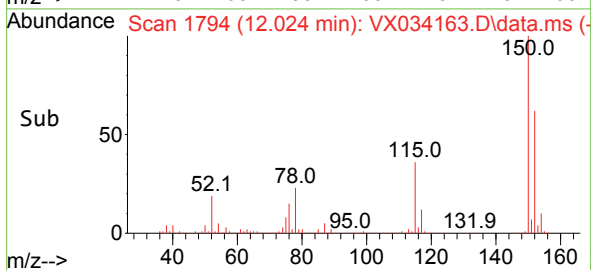
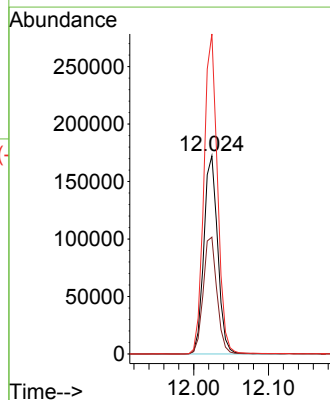
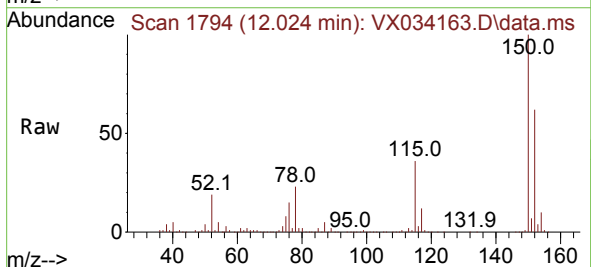
Instrument :
MSVOA_X
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BP-VPB-RW10-EB-20230214

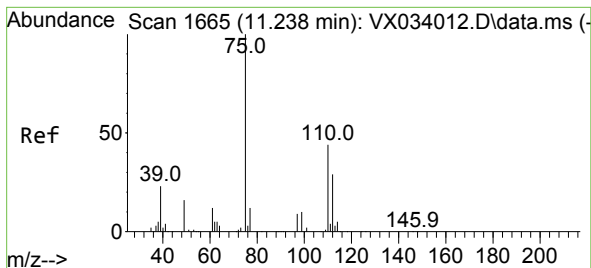
Tgt Ion:117 Resp: 519690
Ion Ratio Lower Upper
117 100
82 55.2 40.6 60.8
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034163.D
Acq: 17 Feb 2023 17:04

Tgt Ion:152 Resp: 221610
Ion Ratio Lower Upper
152 100
115 58.8 38.7 116.1
150 158.5 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 21.261 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX034163.D

Acq: 17 Feb 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

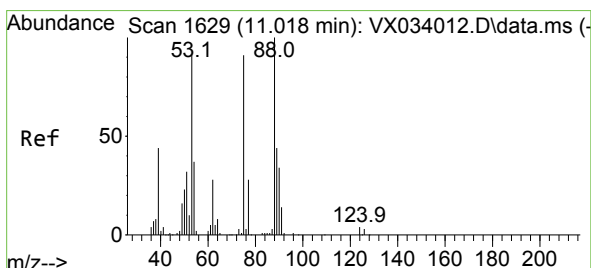
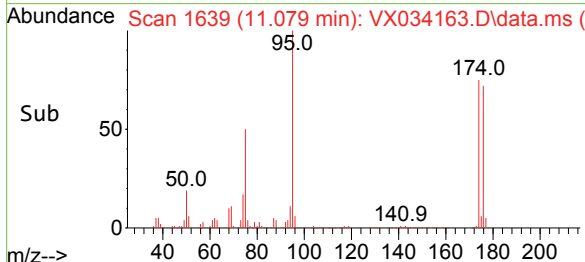
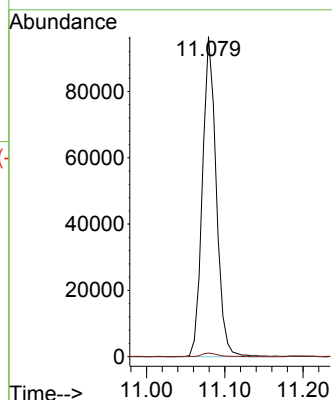
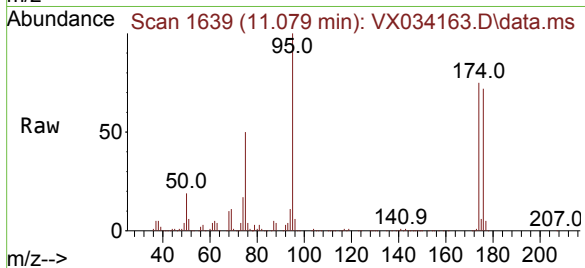
BP-VPB-RW10-EB-20230214

Tgt Ion: 75 Resp: 118556

Ion Ratio Lower Upper

75 100

77 1.5 21.8 65.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.617 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034163.D

Acq: 17 Feb 2023 17:04

Tgt Ion: 75 Resp: 118556

Ion Ratio Lower Upper

75 100

53 0.1 83.0 124.6#

89 0.0 37.7 56.5#

