

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031384.D
 Acq On : 16 Sep 2022 04:15
 Operator : JC/MD
 Sample : N4626-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-298-300

Quant Time: Sep 16 08:47:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

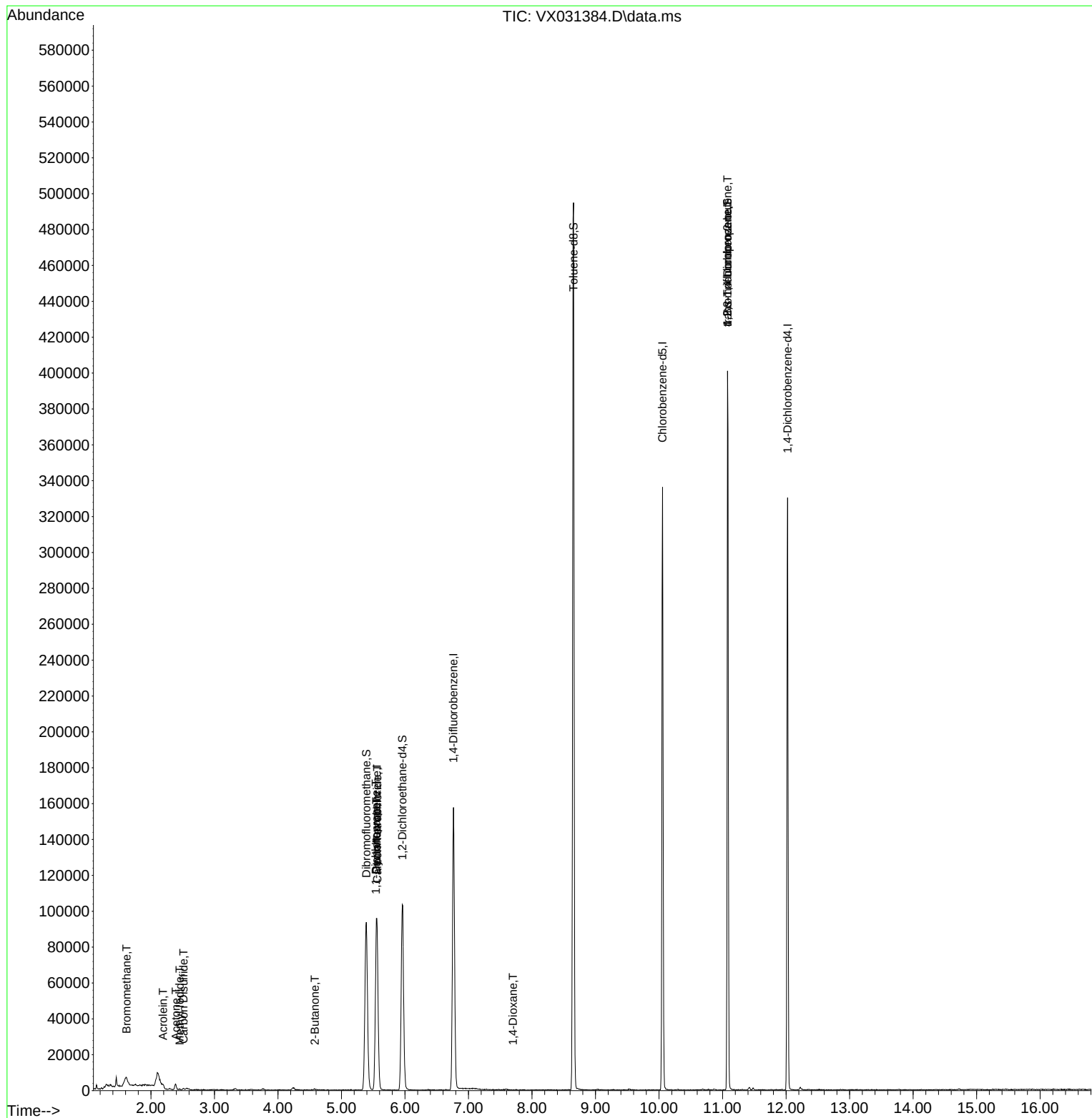
Internal Standards						
1) Pentafluorobenzene	5.556	168	91776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	154108	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93791	41.635	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.280%
35) Dibromofluoromethane	5.391	113	76081	45.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	8.653	98	290491	46.748	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.500%
62) 4-Bromofluorobenzene	11.079	95	91090	40.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.060%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	345	Below Cal	#	78
5) Bromomethane	1.617	94	454	0.378	ug/l	88
10) Methyl Iodide	2.453	142	267	1.085	ug/l #	88
11) Tert butyl alcohol	2.971	59	337	Below Cal	#	73
13) Acrolein	2.190	56	123	0.473	ug/l #	1
16) Acetone	2.392	43	3792	3.943	ug/l #	88
17) Carbon Disulfide	2.514	76	881	1.162	ug/l #	79
21) trans-1,2-Dichloroethene	2.965	96	19	Below Cal	#	1
25) 2-Butanone	4.580	43	1221	0.770	ug/l #	49
31) Cyclohexane	5.550	56	2359	0.975	ug/l #	24
36) 1,1-Dichloropropene	5.543	75	7088	3.126	ug/l #	50
38) Carbon Tetrachloride	5.562	117	9530	3.867	ug/l #	17
49) 1,4-Dioxane	7.702	88	23	0.495	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	52406	31.847	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	52406	88.122	ug/l #	11

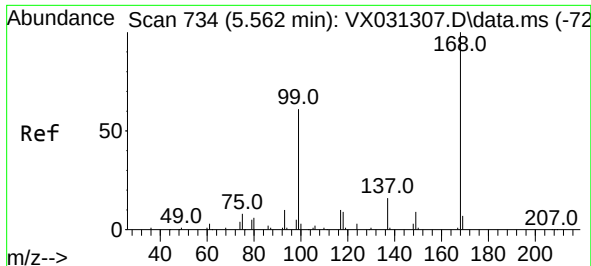
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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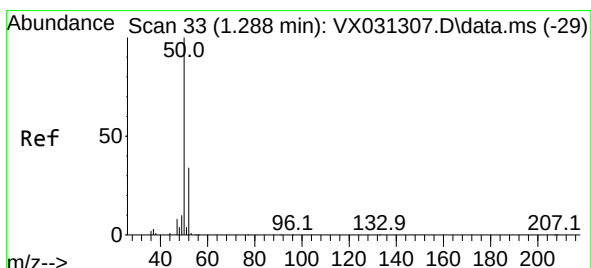
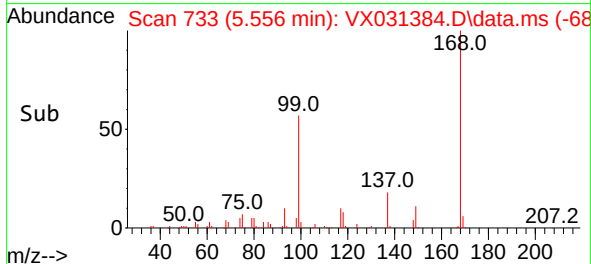
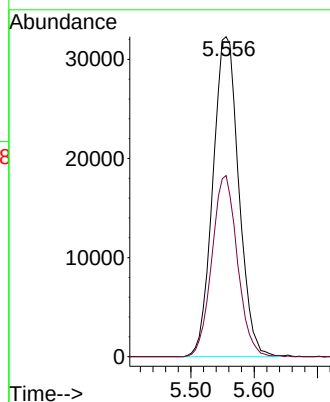
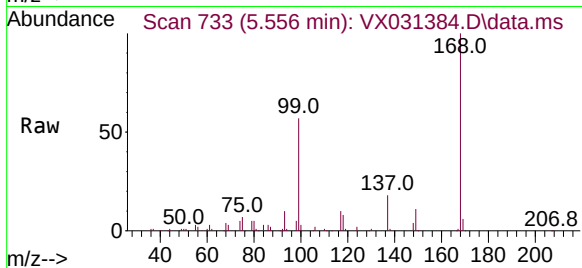




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031384.D
Acq: 16 Sep 2022 04:15

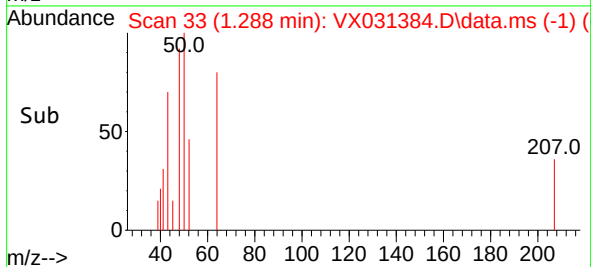
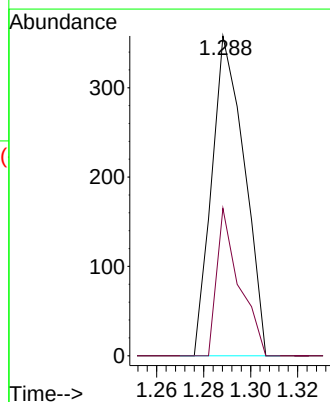
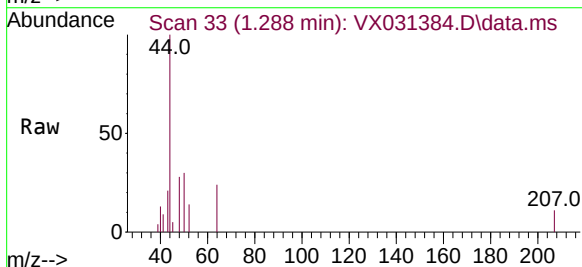
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-298-300

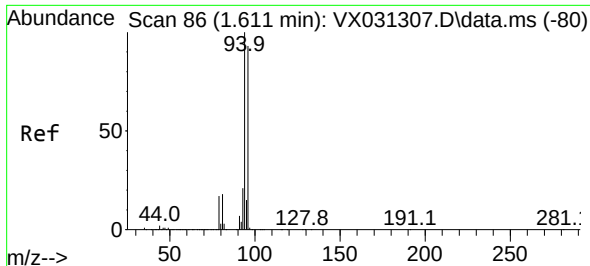
Tgt Ion:168 Resp: 91776
Ion Ratio Lower Upper
168 100
99 56.6 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031384.D
Acq: 16 Sep 2022 04:15

Tgt Ion: 50 Resp: 345
Ion Ratio Lower Upper
50 100
52 46.1 26.9 40.3#





#5

Bromomethane

Concen: 0.378 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX031384.D

Acq: 16 Sep 2022 04:15

Instrument :

MSVOA_X

ClientSampleId :

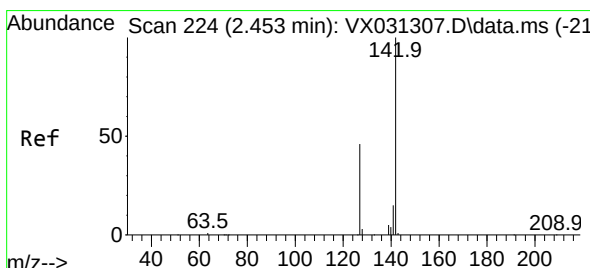
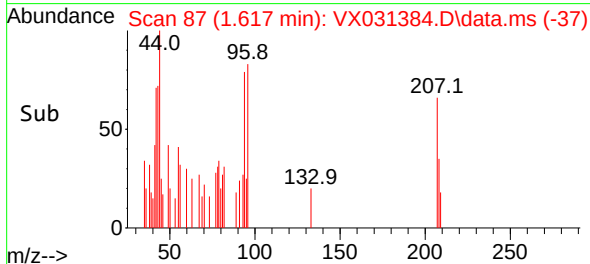
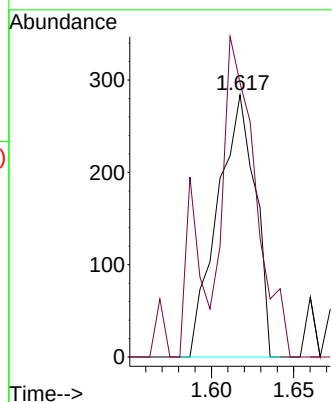
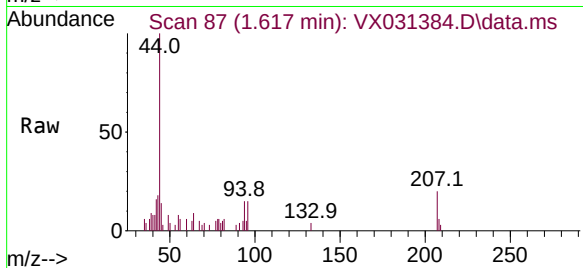
BP-VPB-RW5-GW-298-300

Tgt Ion: 94 Resp: 454

Ion Ratio Lower Upper

94 100

96 104.6 74.4 111.6



#10

Methyl Iodide

Concen: 1.085 ug/l

RT: 2.453 min Scan# 224

Delta R.T. -0.000 min

Lab File: VX031384.D

Acq: 16 Sep 2022 04:15

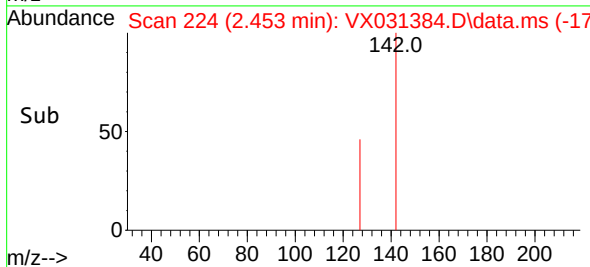
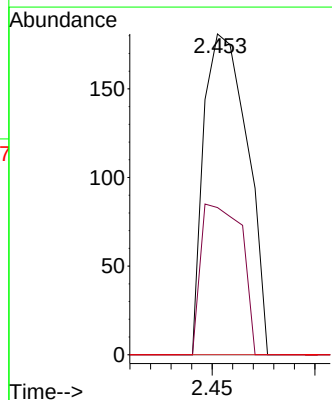
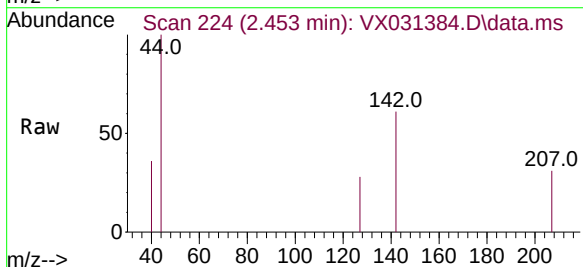
Tgt Ion: 142 Resp: 267

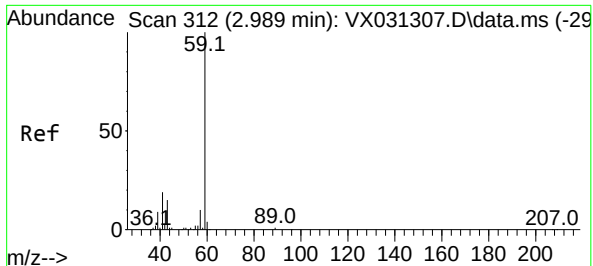
Ion Ratio Lower Upper

142 100

127 43.8 37.4 56.0

141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.971 min Scan# 309

Delta R.T. -0.018 min

Lab File: VX031384.D

Acq: 16 Sep 2022 04:15

Instrument :

MSVOA_X

ClientSampleId :

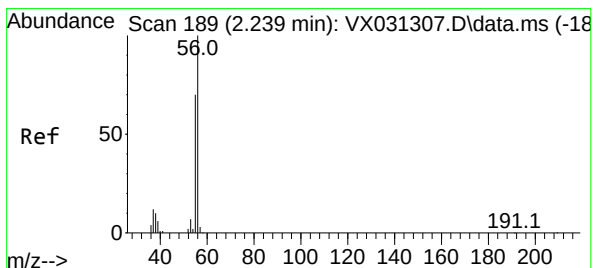
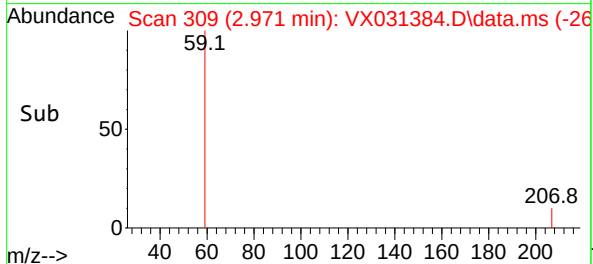
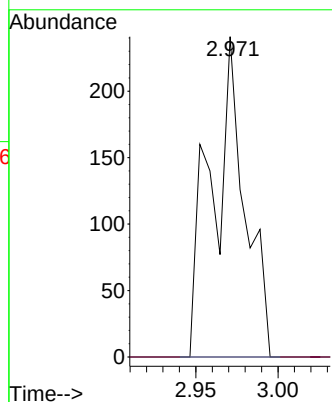
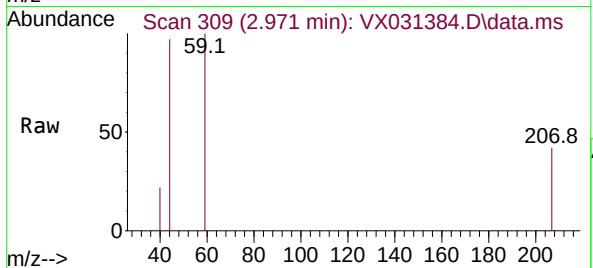
BP-VPB-RW5-GW-298-300

Tgt Ion: 59 Resp: 337

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: 0.473 ug/l

RT: 2.190 min Scan# 181

Delta R.T. -0.049 min

Lab File: VX031384.D

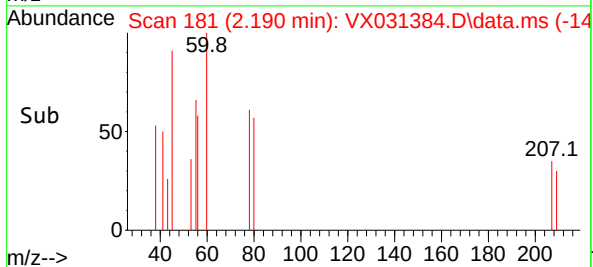
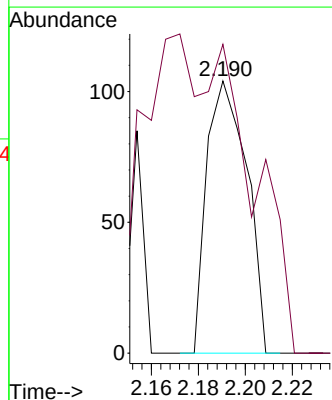
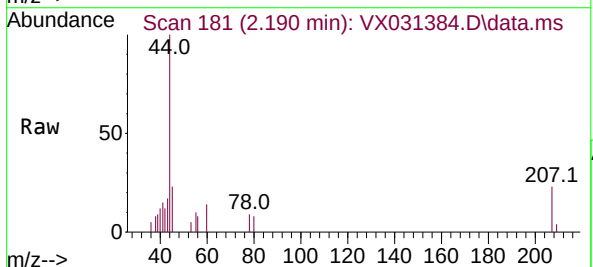
Acq: 16 Sep 2022 04:15

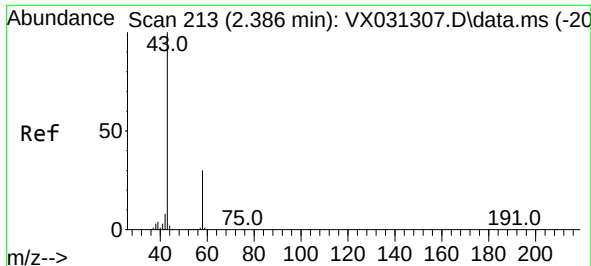
Tgt Ion: 56 Resp: 123

Ion Ratio Lower Upper

56 100

55 299.2 56.0 84.0#

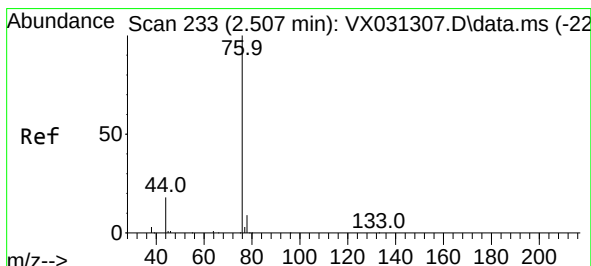
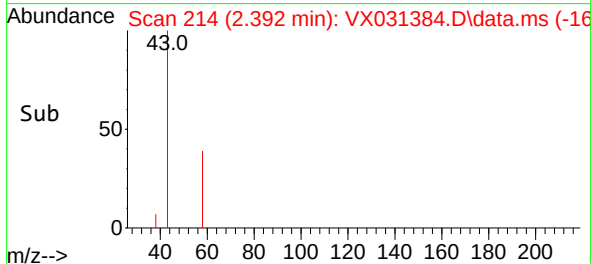
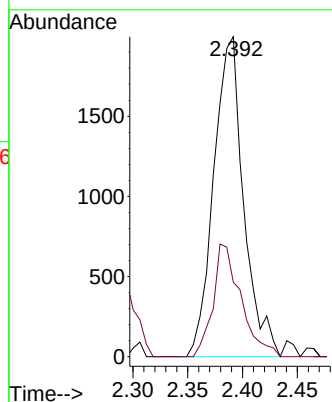
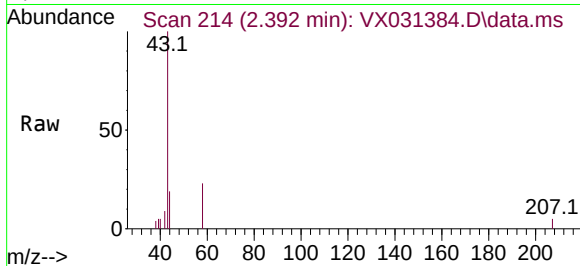




#16
Acetone
Concen: 3.943 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031384.D
Acq: 16 Sep 2022 04:15

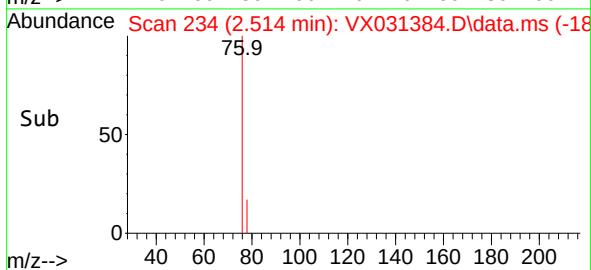
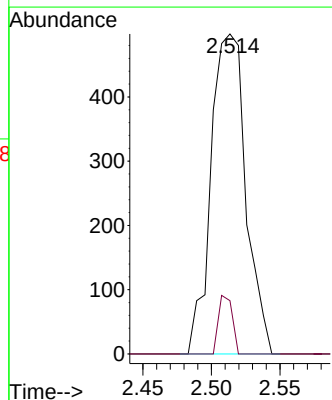
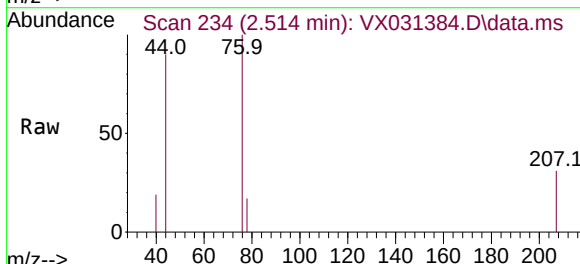
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-298-300

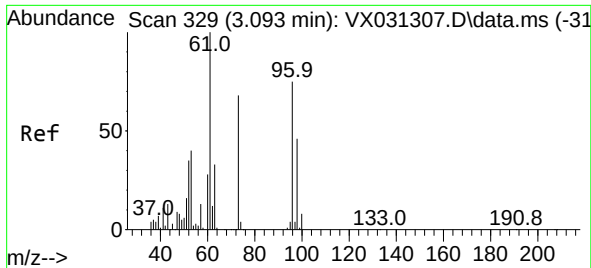
Tgt Ion: 43 Resp: 3792
Ion Ratio Lower Upper
43 100
58 23.2 23.8 35.8#



#17
Carbon Disulfide
Concen: 1.162 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX031384.D
Acq: 16 Sep 2022 04:15

Tgt Ion: 76 Resp: 881
Ion Ratio Lower Upper
76 100
78 16.7 7.2 10.8#

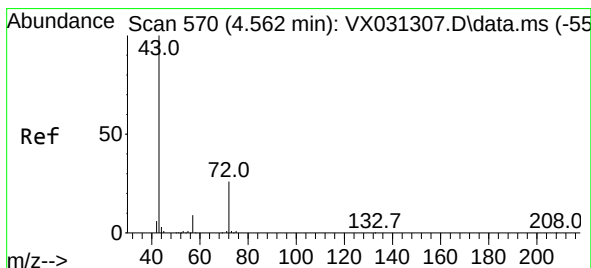
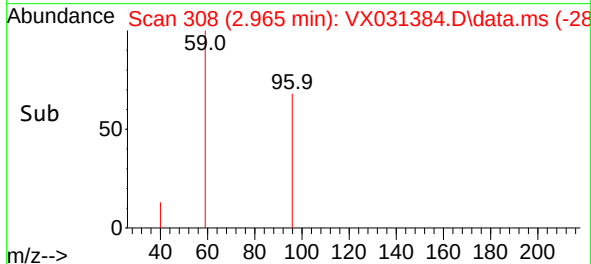
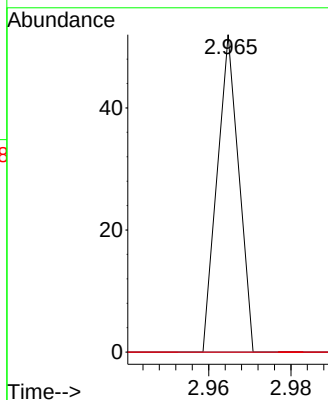
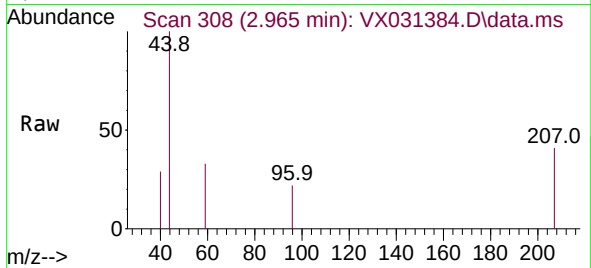




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.128 min
Lab File: VX031384.D
Acq: 16 Sep 2022 04:15

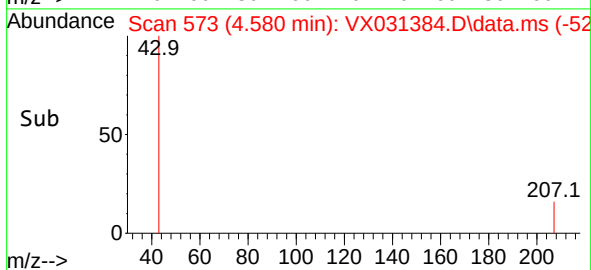
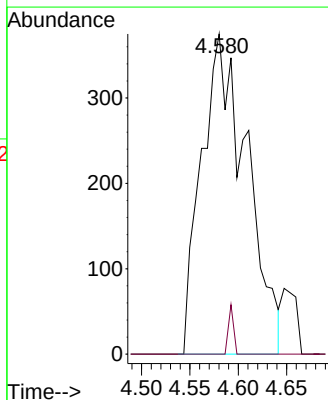
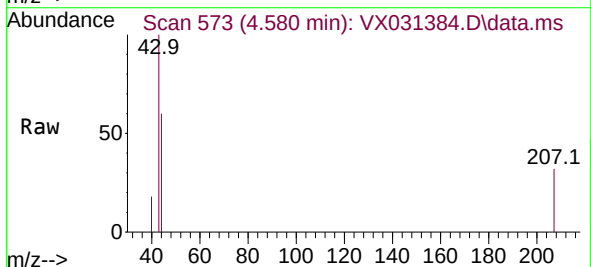
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-298-300

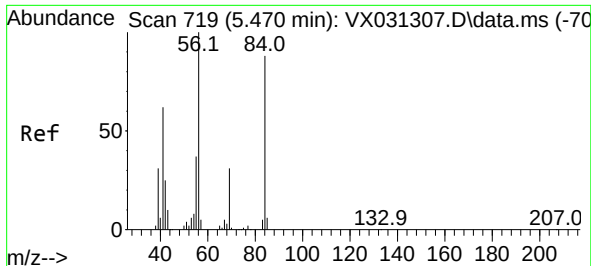
Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#



#25
2-Butanone
Concen: 0.770 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX031384.D
Acq: 16 Sep 2022 04:15

Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
72 0.0 21.1 31.7#

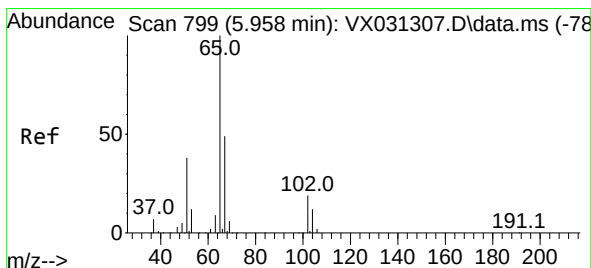
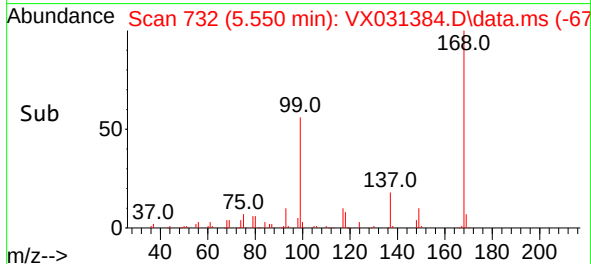
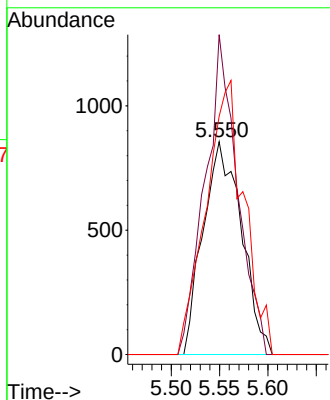
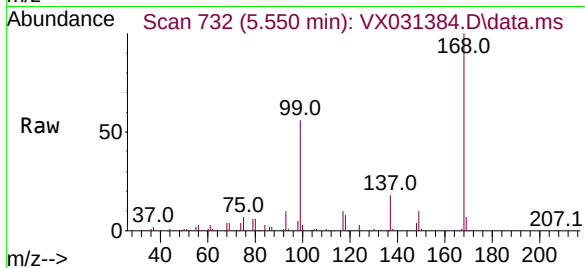




#31
Cyclohexane
Concen: 0.975 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031384.D
Acq: 16 Sep 2022 04:15

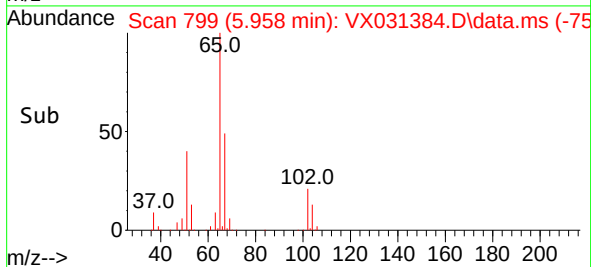
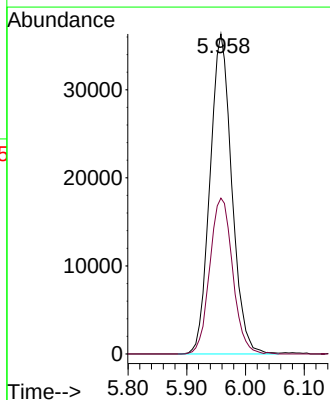
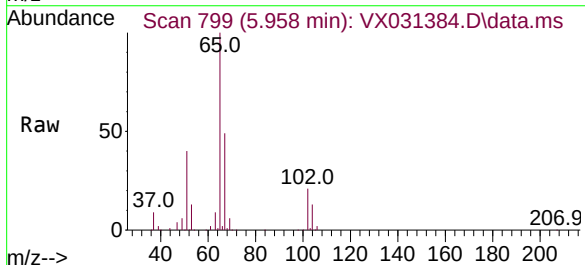
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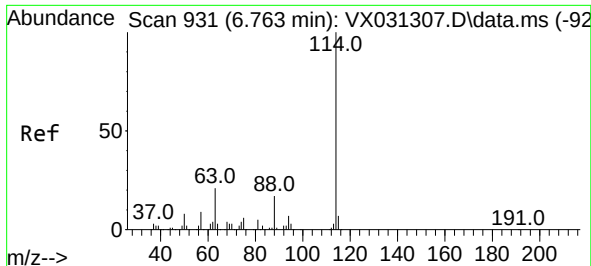
Tgt Ion: 56 Resp: 2359
Ion Ratio Lower Upper
56 100
69 150.2 25.1 37.7#
84 111.9 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 41.635 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031384.D
Acq: 16 Sep 2022 04:15

Tgt Ion: 65 Resp: 93791
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4

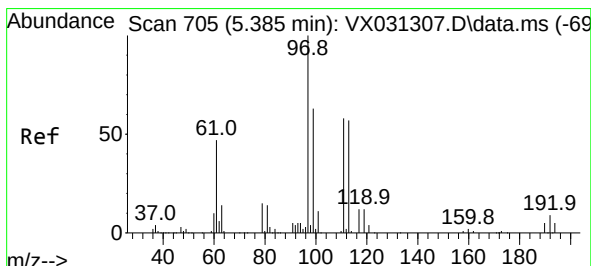
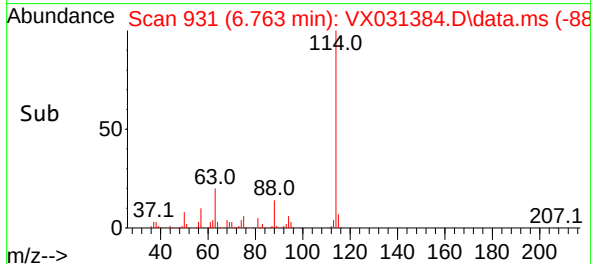
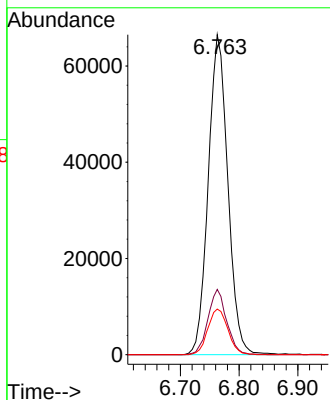
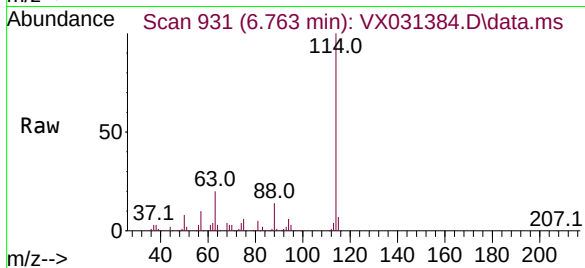




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031384.D
Acq: 16 Sep 2022 04:15

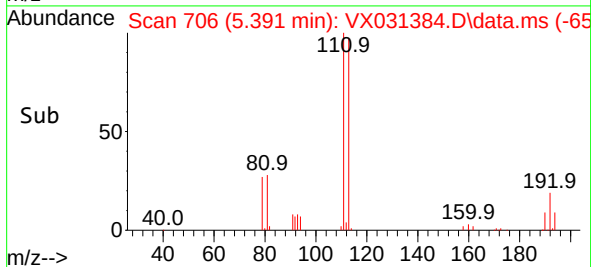
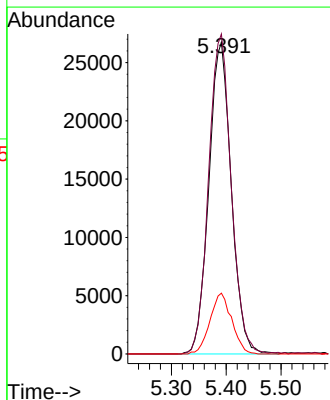
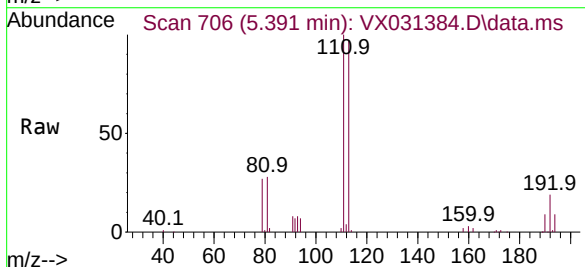
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-298-300

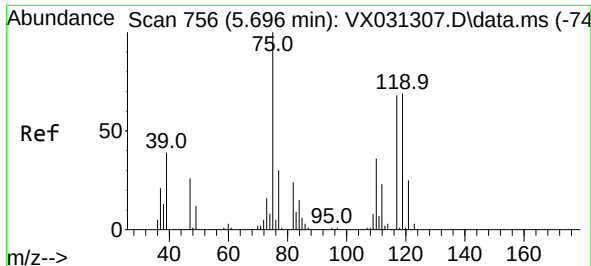
Tgt Ion:114 Resp: 154108
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 14.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.927 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031384.D
Acq: 16 Sep 2022 04:15

Tgt Ion:113 Resp: 76081
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.9 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.126 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.152 min

Lab File: VX031384.D

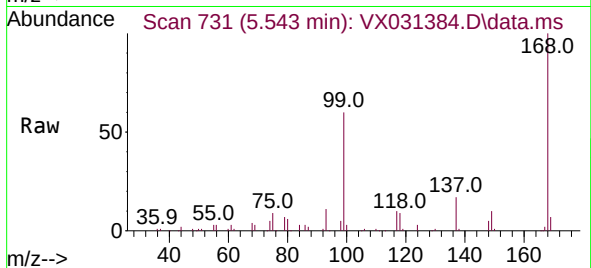
Acq: 16 Sep 2022 04:15

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-298-300



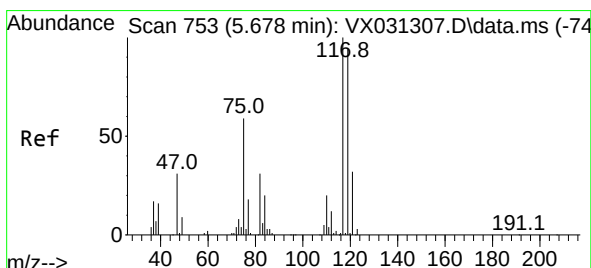
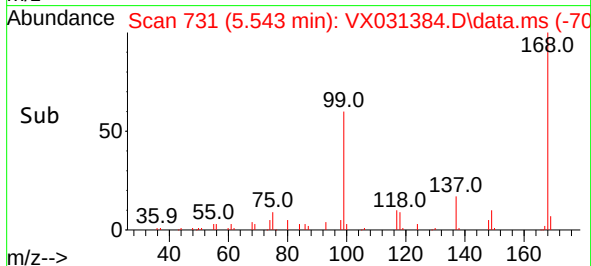
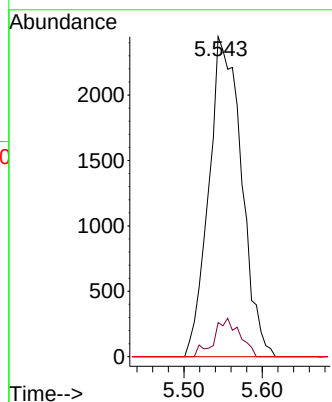
Tgt Ion: 75 Resp: 7088

Ion Ratio Lower Upper

75 100

110 9.5 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.867 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX031384.D

Acq: 16 Sep 2022 04:15

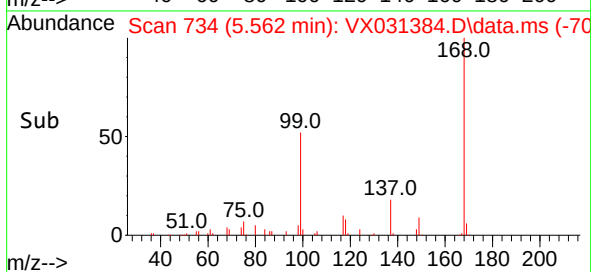
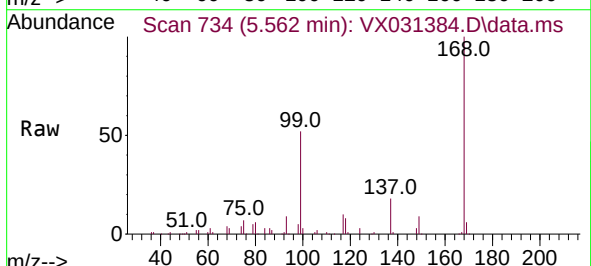
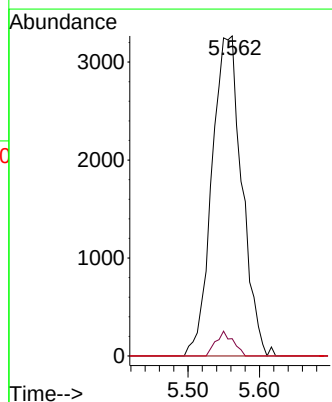
Tgt Ion: 117 Resp: 9530

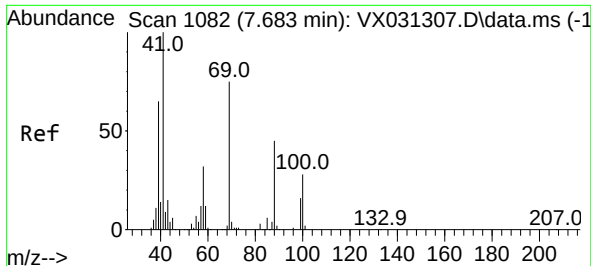
Ion Ratio Lower Upper

117 100

119 5.4 74.6 112.0#

121 0.0 25.3 37.9#





#49

1,4-Dioxane

Concen: 0.495 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.018 min

Lab File: VX031384.D

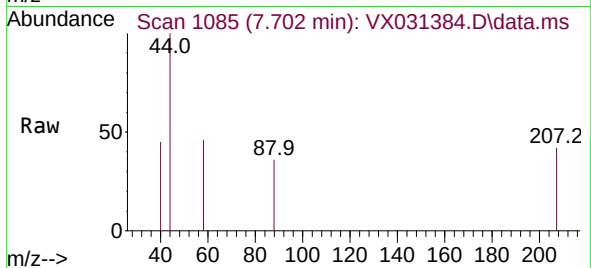
Acq: 16 Sep 2022 04:15

Instrument :

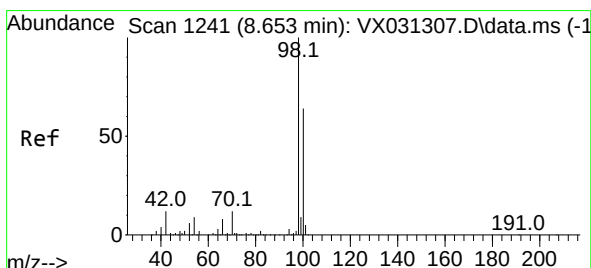
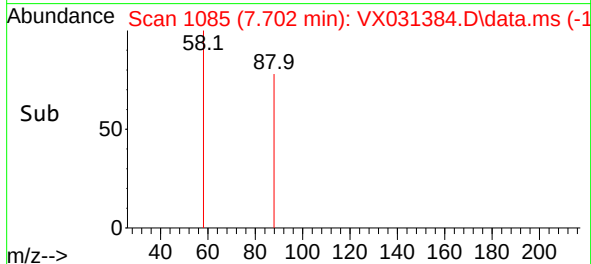
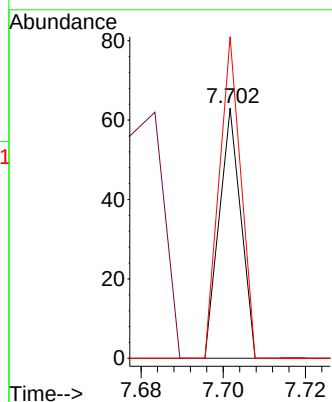
MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-298-300



Tgt Ion:	88	Resp:	23
Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.1	40.7#
58	130.4	53.9	80.9#



#50

Toluene-d8

Concen: 46.748 ug/l

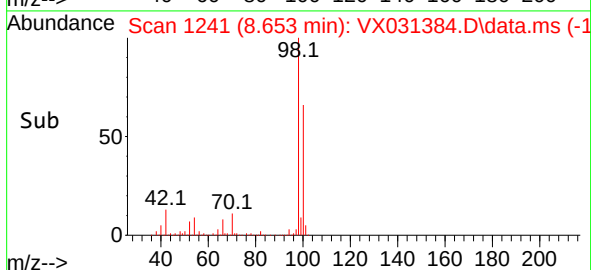
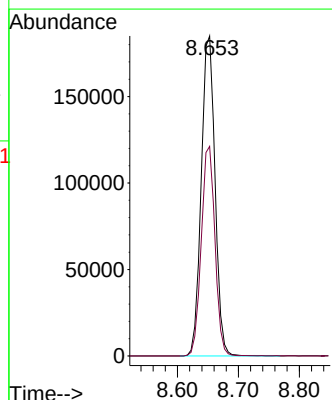
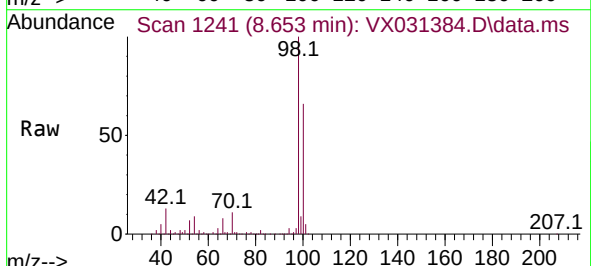
RT: 8.653 min Scan# 1241

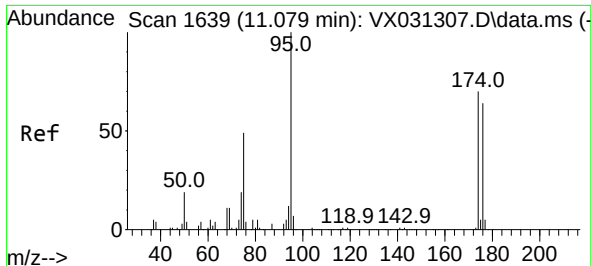
Delta R.T. -0.000 min

Lab File: VX031384.D

Acq: 16 Sep 2022 04:15

Tgt Ion:	98	Resp:	290491
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.5	78.7

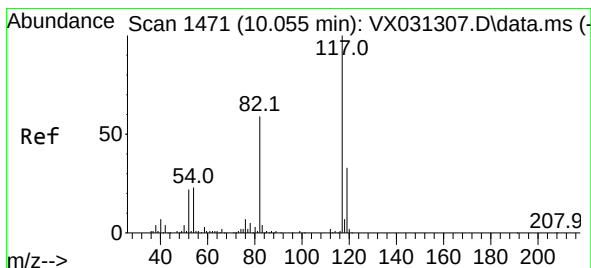
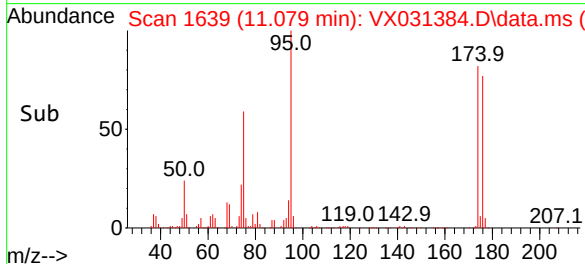
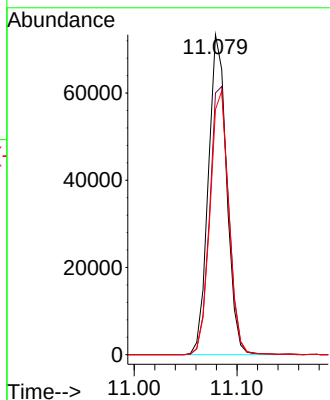
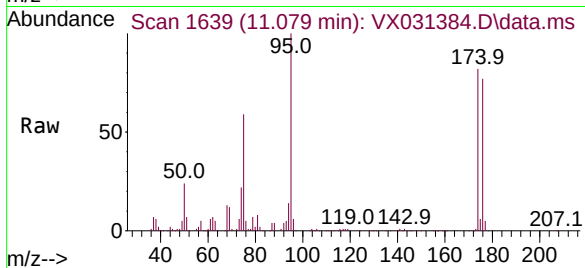




#62
4-Bromofluorobenzene
Concen: 40.031 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031384.D
Acq: 16 Sep 2022 04:15

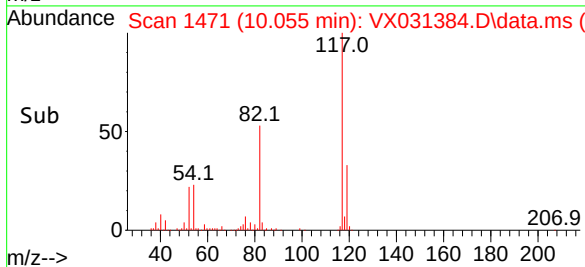
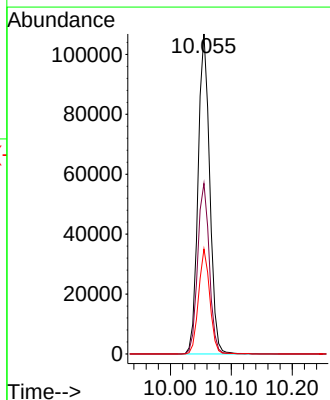
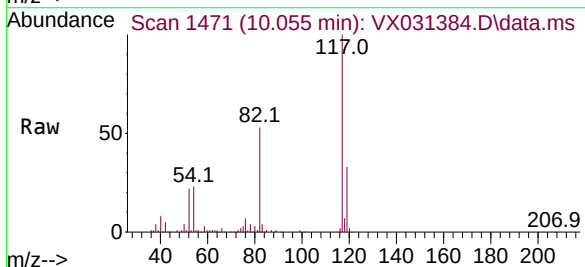
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-298-300

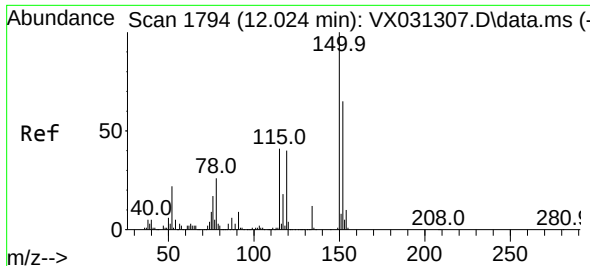
Tgt Ion: 95 Resp: 91090
Ion Ratio Lower Upper
95 100
174 87.0 0.0 153.2
176 84.6 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031384.D
Acq: 16 Sep 2022 04:15

Tgt Ion: 117 Resp: 141293
Ion Ratio Lower Upper
117 100
82 53.3 46.8 70.2
119 32.8 26.4 39.6

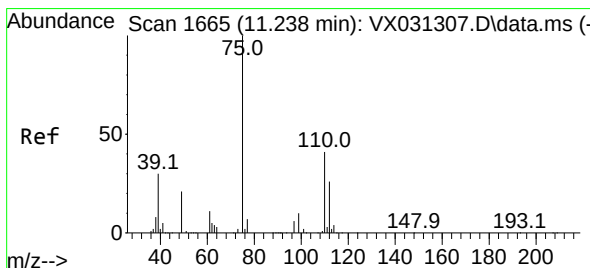
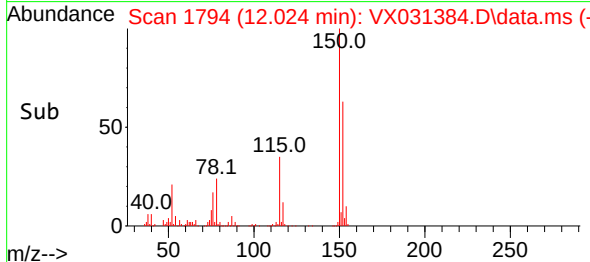
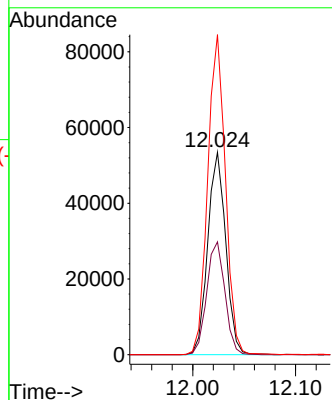
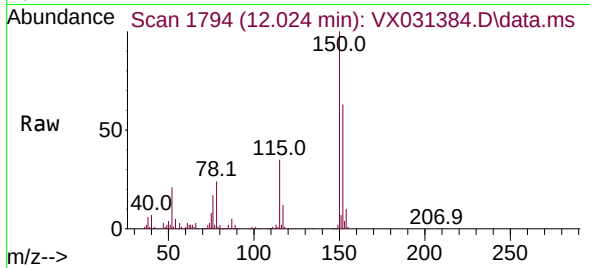




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031384.D
 Acq: 16 Sep 2022 04:15

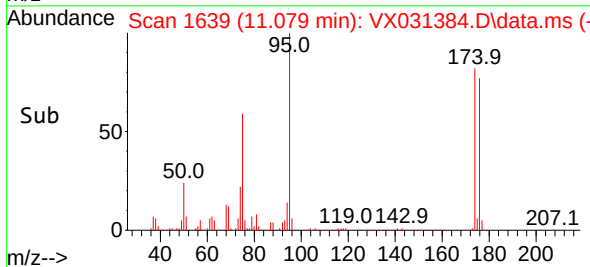
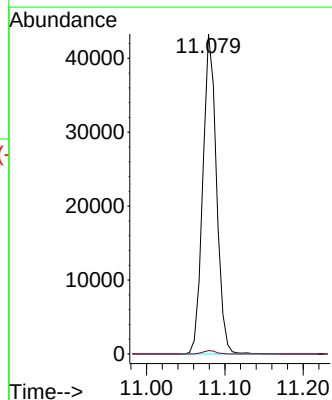
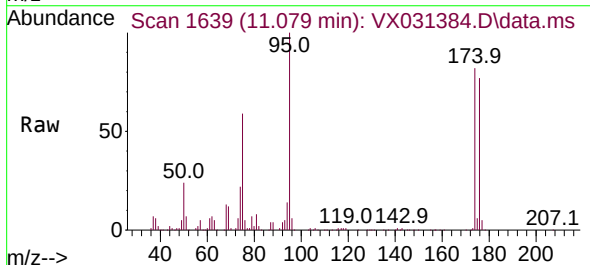
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-298-300

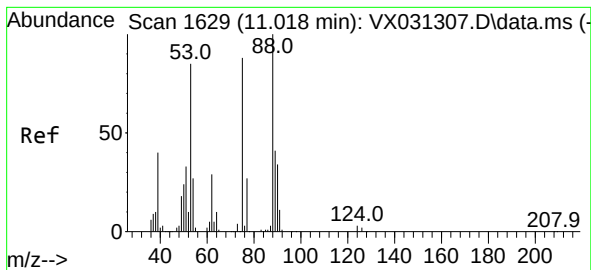
Tgt Ion:152 Resp: 65299
 Ion Ratio Lower Upper
 152 100
 115 56.3 43.4 130.1
 150 155.6 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 31.847 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX031384.D
 Acq: 16 Sep 2022 04:15

Tgt Ion: 75 Resp: 52406
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.122 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX031384.D
 Acq: 16 Sep 2022 04:15

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-298-300

Tgt Ion: 75 Resp: 52406
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

