

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032045.D
 Acq On : 11 Oct 2022 18:28
 Operator : JC/MD
 Sample : N5100-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-TB-20221007

Quant Time: Oct 12 05:17:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

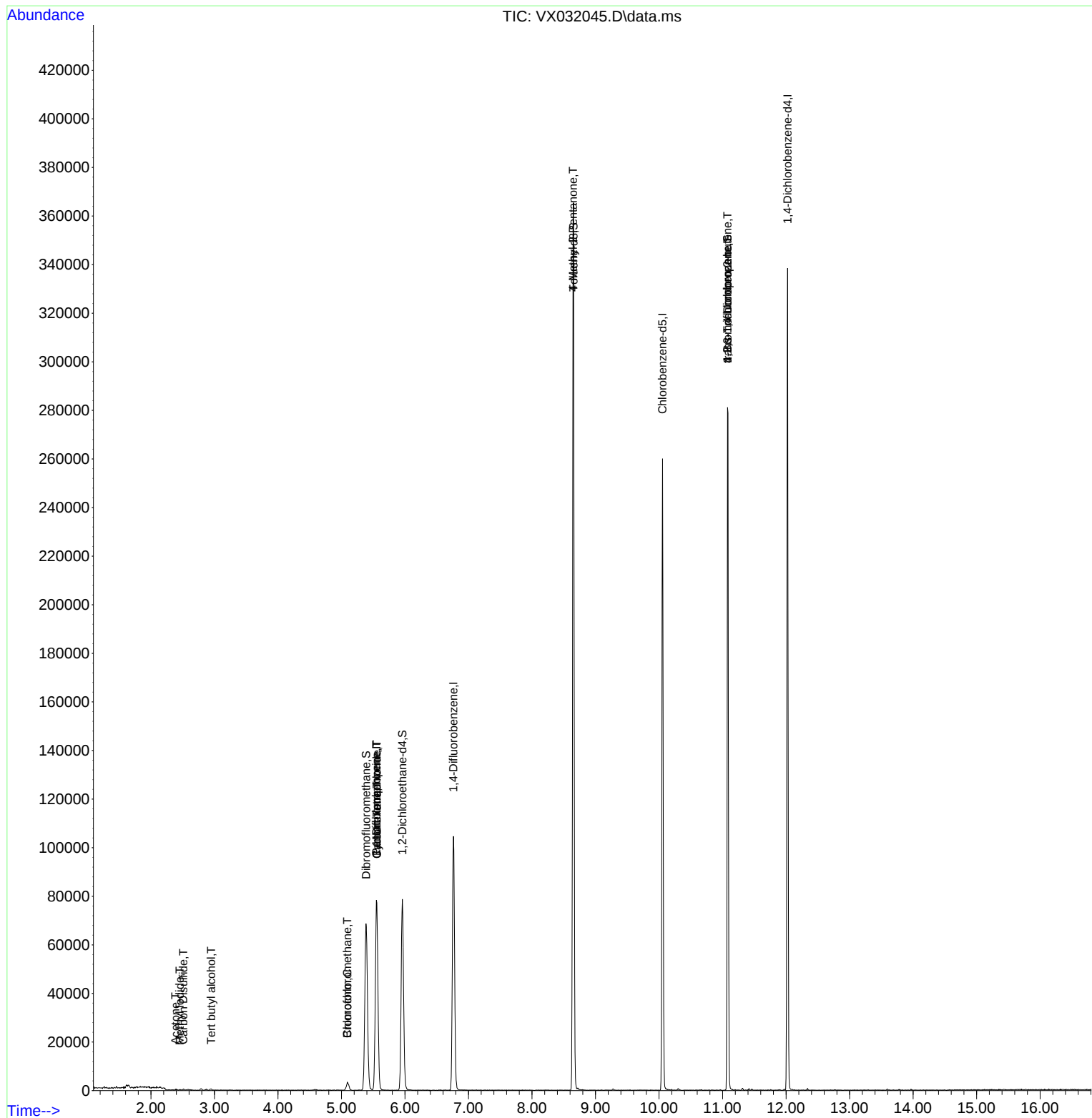
Internal Standards						
1) Pentafluorobenzene	5.550	168	72400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	107158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74216	49.636	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.280%		
35) Dibromofluoromethane	5.385	113	58816	48.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.980%		
50) Toluene-d8	8.653	98	217936	49.932	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.860%		
62) 4-Bromofluorobenzene	11.079	95	71925	46.613	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.220%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	418	Below Cal	#	68
10) Methyl Iodide	2.453	142	268	2.963	ug/l #	57
11) Tert butyl alcohol	2.947	59	296	1.591	ug/l #	73
16) Acetone	2.386	43	481	0.947	ug/l	95
17) Carbon Disulfide	2.508	76	484	0.204	ug/l #	75
28) Bromochloromethane	5.093	49	294	0.325	ug/l #	15
30) Chloroform	5.093	83	3937	1.672	ug/l	92
31) Cyclohexane	5.556	56	1742	0.975	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	6062	3.769	ug/l #	49
38) Carbon Tetrachloride	5.556	117	8002	4.866	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1095	0.719	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39219	28.554	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39219	97.634	ug/l #	11

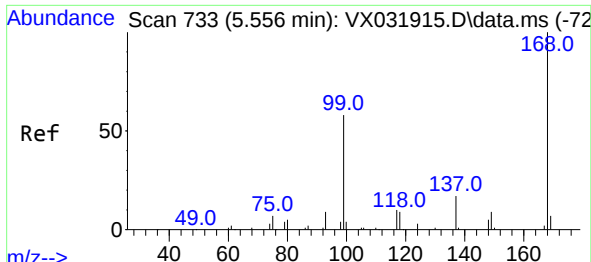
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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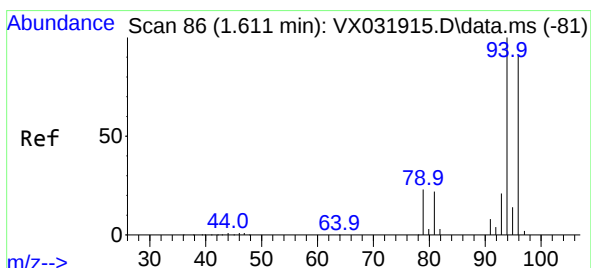
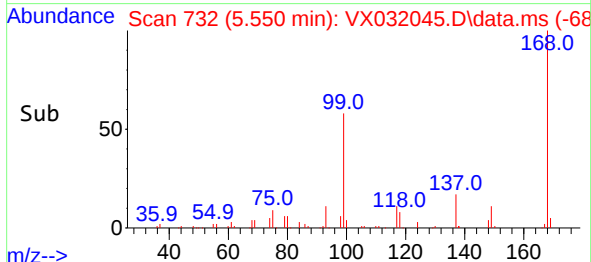
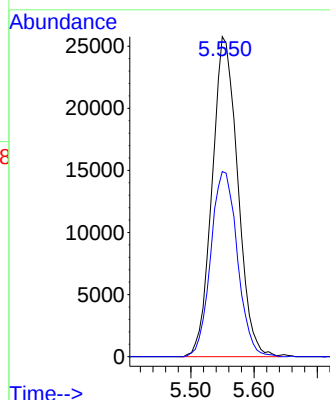
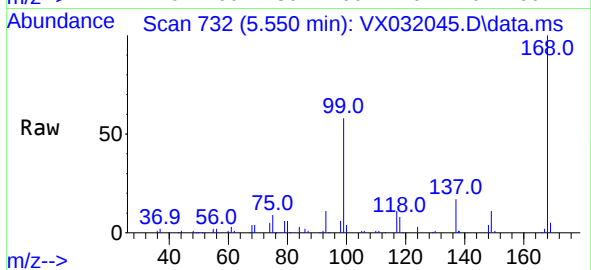




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

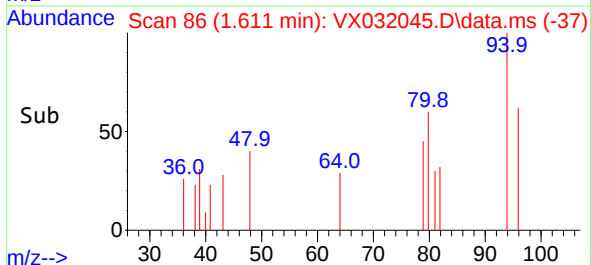
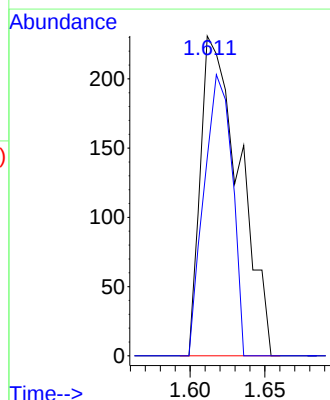
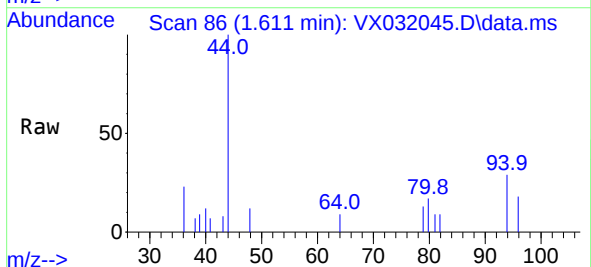
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20221007

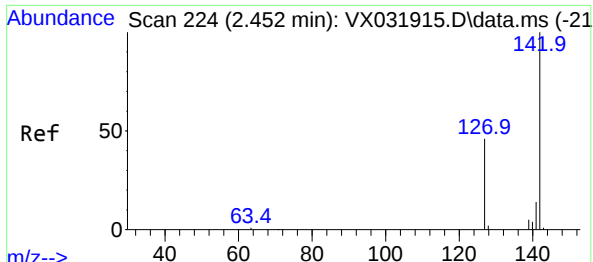
Tgt Ion:168 Resp: 72400
Ion Ratio Lower Upper
168 100
99 57.9 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

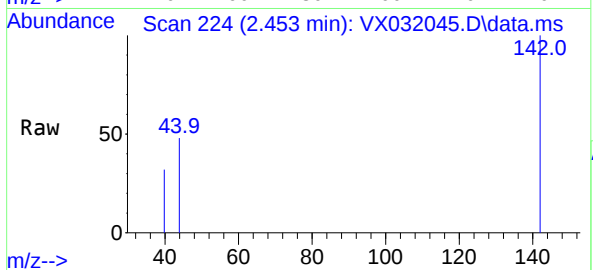
Tgt Ion: 94 Resp: 418
Ion Ratio Lower Upper
94 100
96 61.9 74.4 111.6#





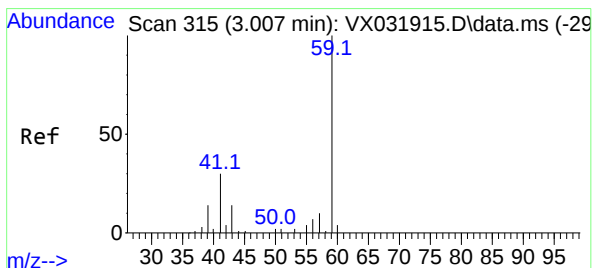
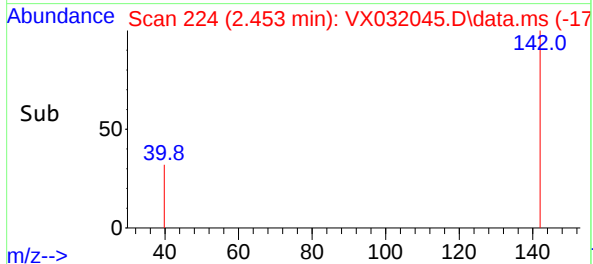
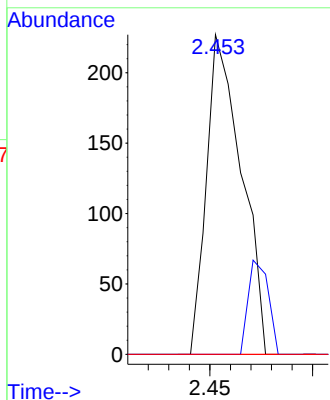
#10
Methyl Iodide
Concen: 2.963 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20221007



Tgt Ion:142 Resp: 268

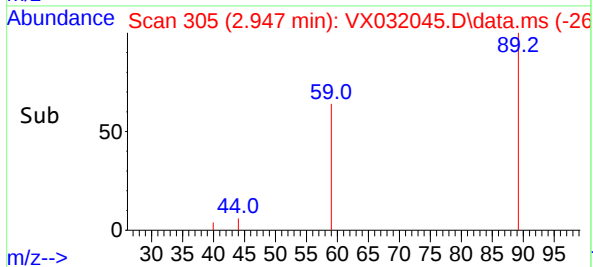
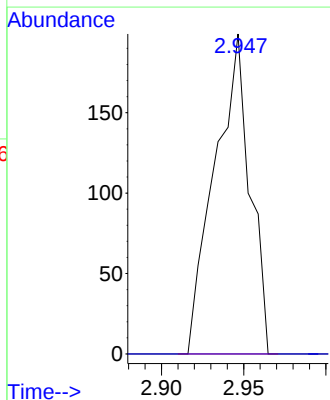
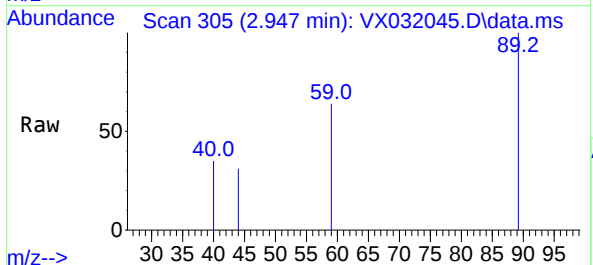
Ion	Ratio	Lower	Upper
142	100		
127	16.8	37.4	56.0#
141	0.0	11.6	17.4#

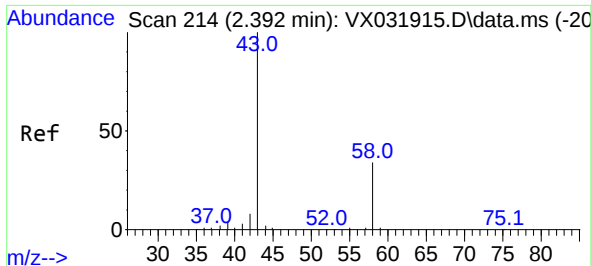


#11
Tert butyl alcohol
Concen: 1.591 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

Tgt Ion: 59 Resp: 296

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

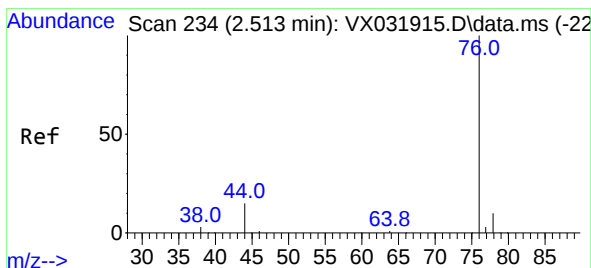
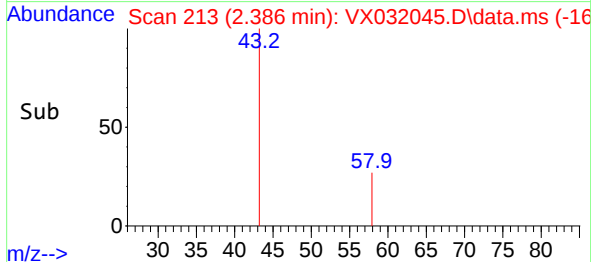
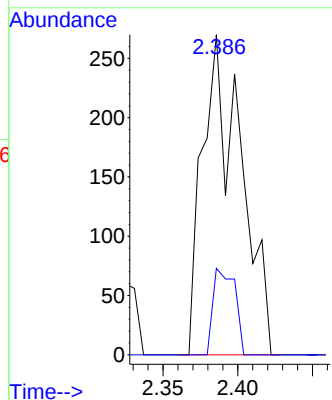
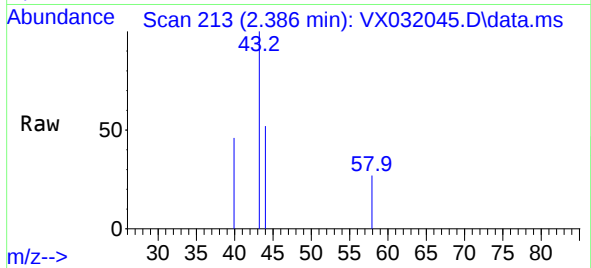




#16
Acetone
Concen: 0.947 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

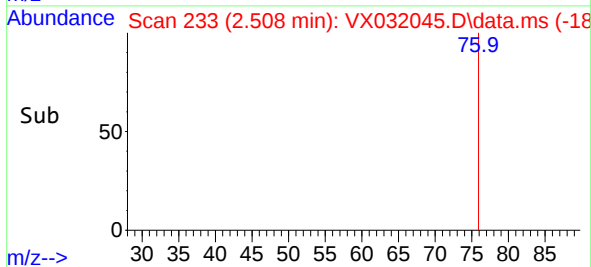
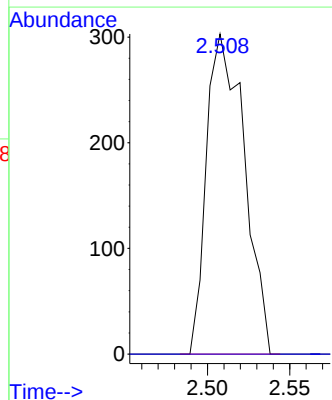
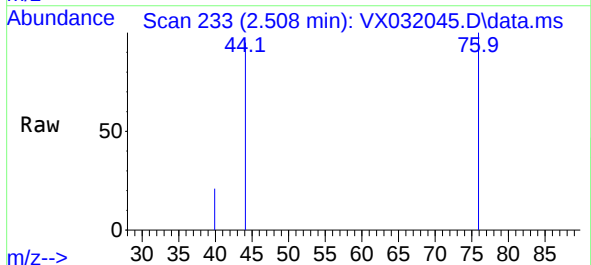
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-TB-20221007

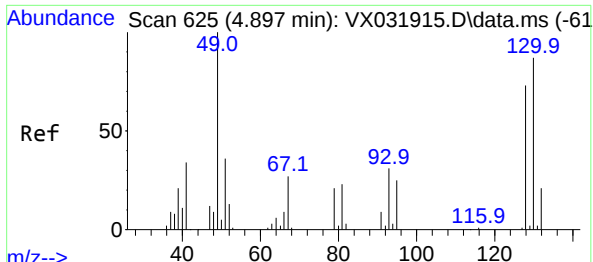
Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 27.0 23.8 35.8



#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.005 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

Tgt Ion: 76 Resp: 484
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

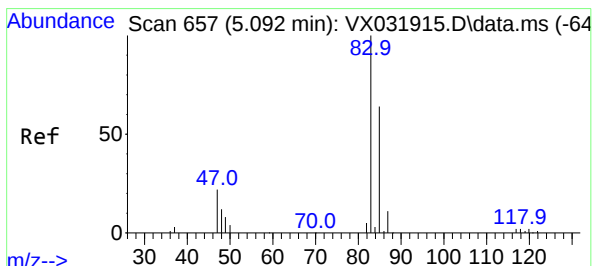
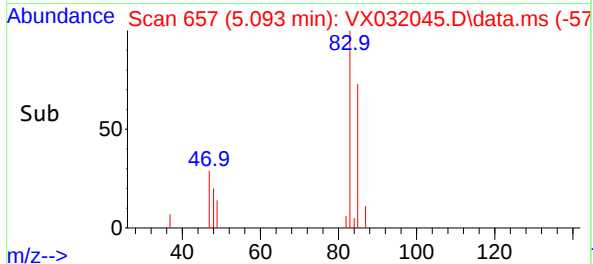
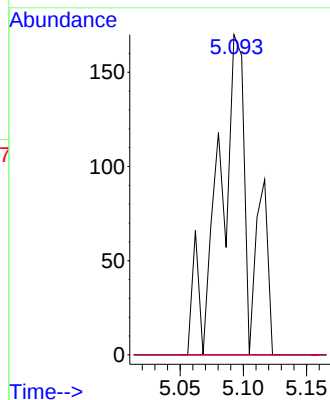
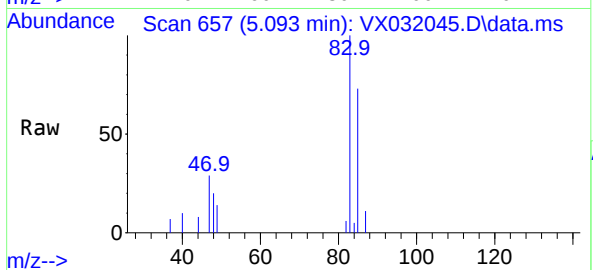




#28
Bromochloromethane
Concen: 0.325 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.196 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

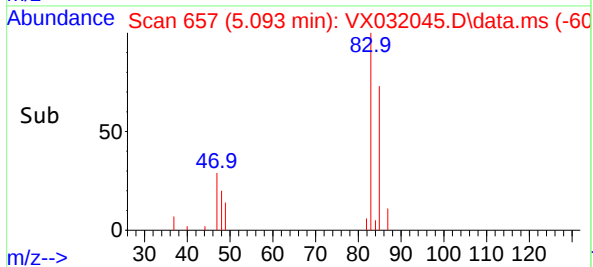
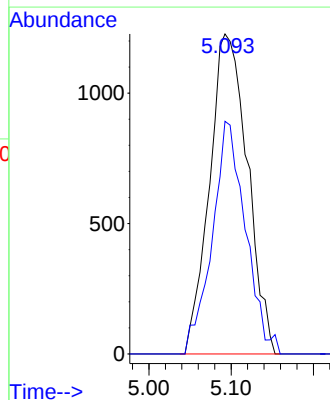
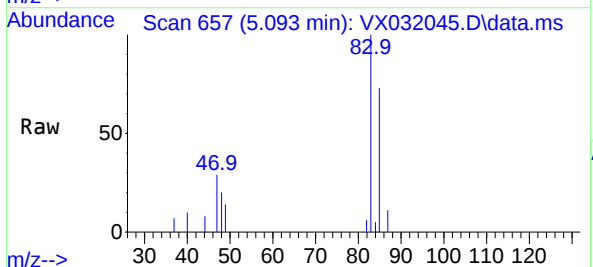
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20221007

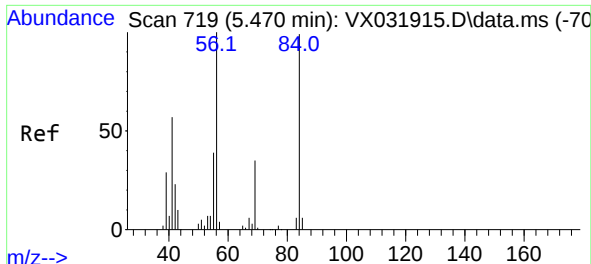
Tgt Ion: 49 Resp: 294
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.0 88.4#



#30
Chloroform
Concen: 1.672 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.001 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

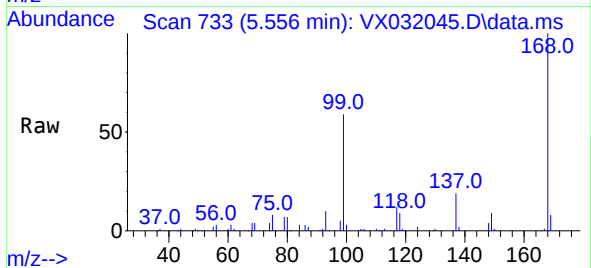
Tgt Ion: 83 Resp: 3937
Ion Ratio Lower Upper
83 100
85 72.7 52.8 79.2



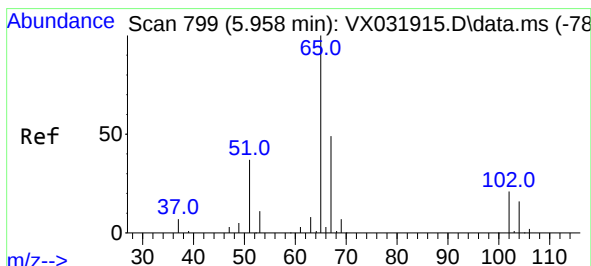
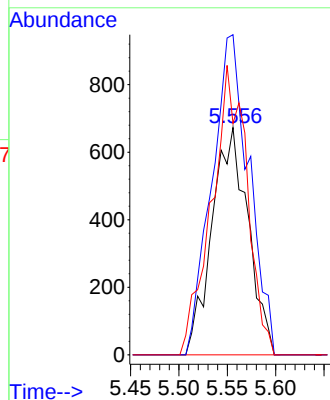
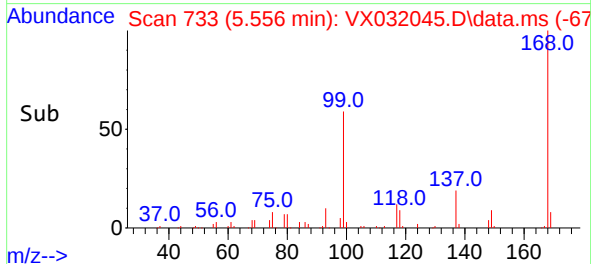


#31
Cyclohexane
Concen: 0.975 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-TB-20221007

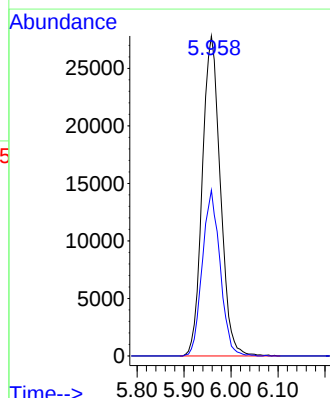
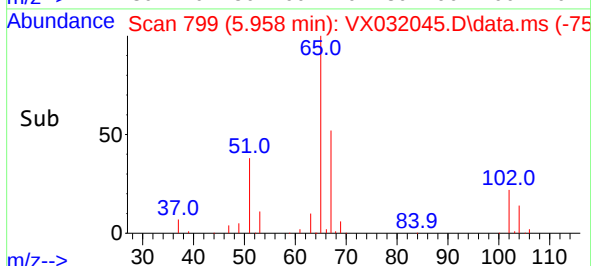
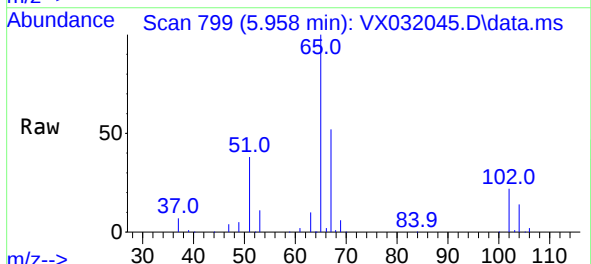


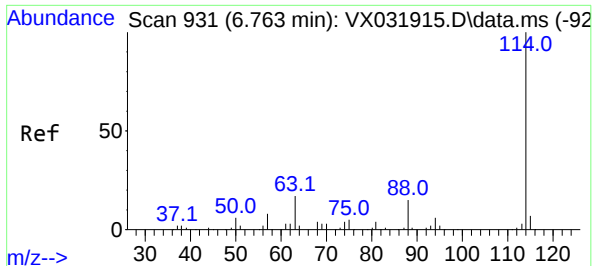
Tgt Ion: 56 Resp: 1742
Ion Ratio Lower Upper
56 100
69 140.9 25.1 37.7#
84 101.8 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 49.636 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

Tgt Ion: 65 Resp: 74216
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: VX032045.D

Acq: 11 Oct 2022 18:28

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-TB-20221007

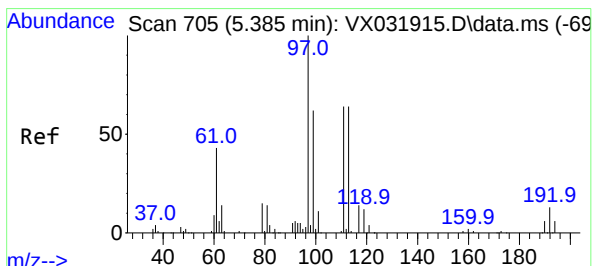
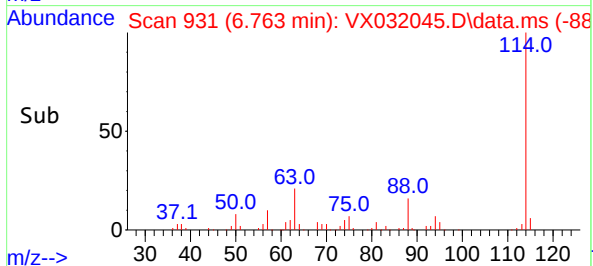
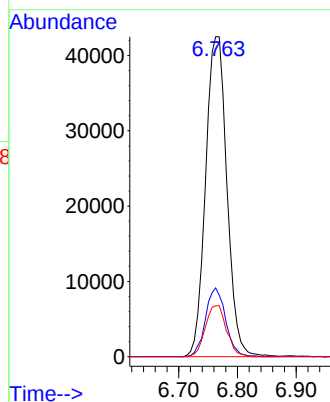
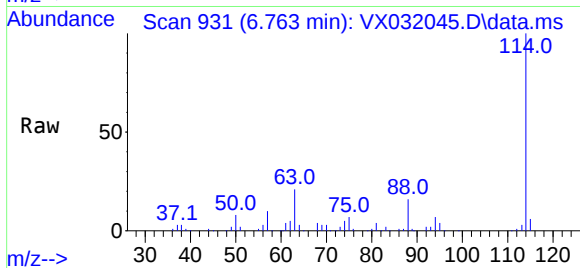
Tgt Ion:114 Resp: 107158

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

88 15.9 0.0 33.0



#35

Dibromofluoromethane

Concen: 48.489 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032045.D

Acq: 11 Oct 2022 18:28

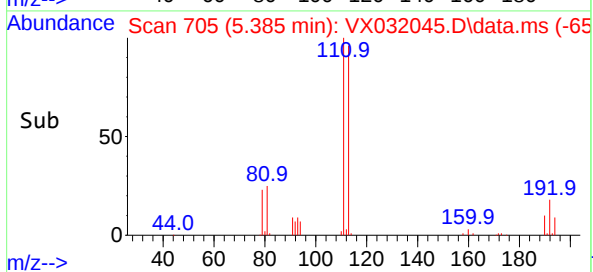
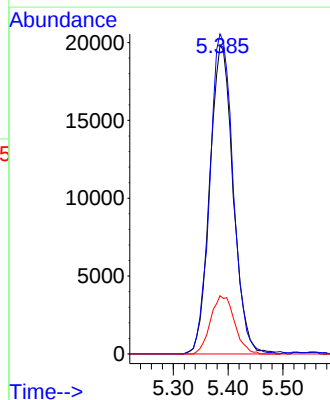
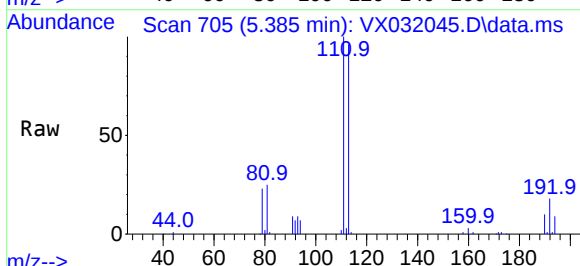
Tgt Ion:113 Resp: 58816

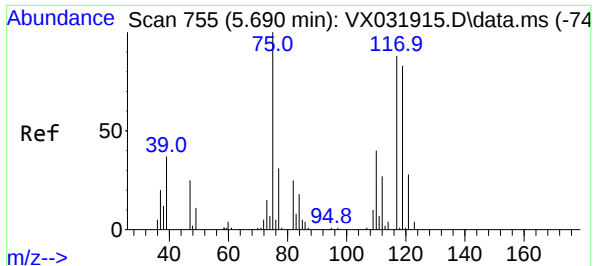
Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 19.2 14.1 21.1



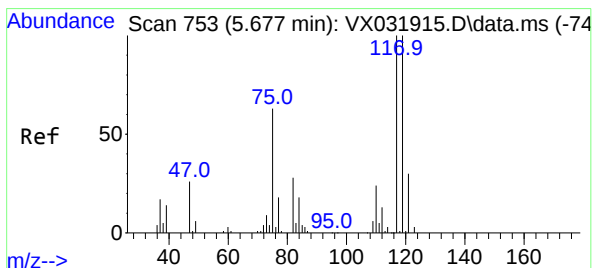
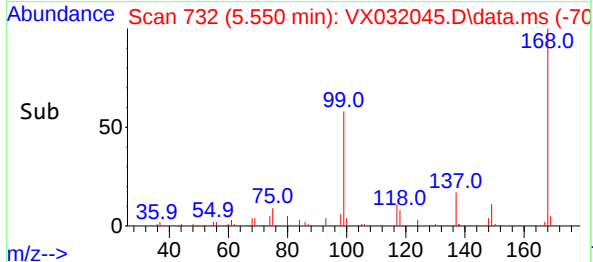
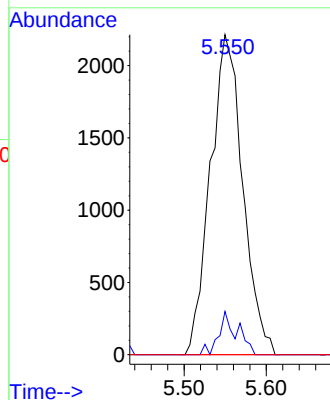
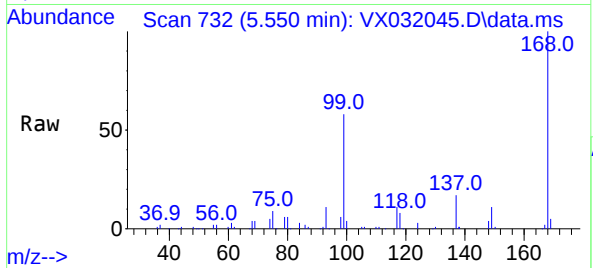


#36
1,1-Dichloropropene
Concen: 3.769 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-TB-20221007

Tgt Ion: 75 Resp: 6062

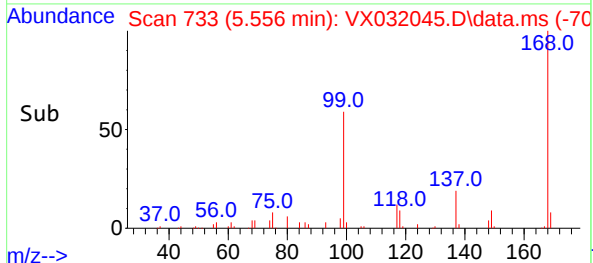
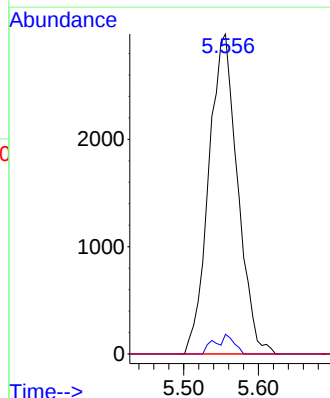
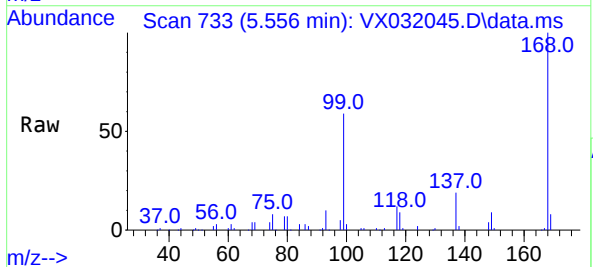
Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.5	52.5#
77	0.0	24.9	37.3#

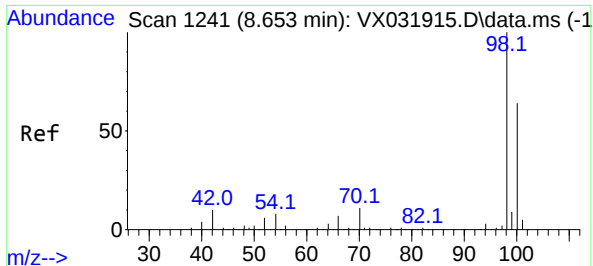


#38
Carbon Tetrachloride
Concen: 4.866 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

Tgt Ion: 117 Resp: 8002

Ion	Ratio	Lower	Upper
117	100		
119	6.2	74.6	112.0#
121	0.0	25.3	37.9#

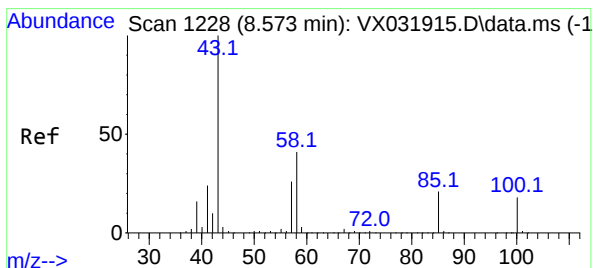
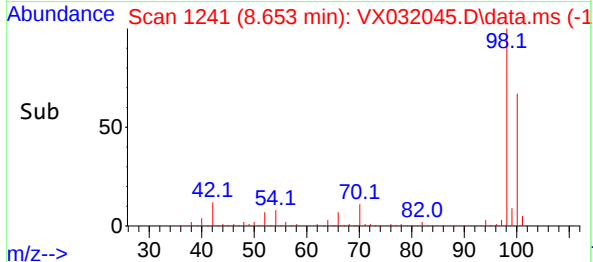
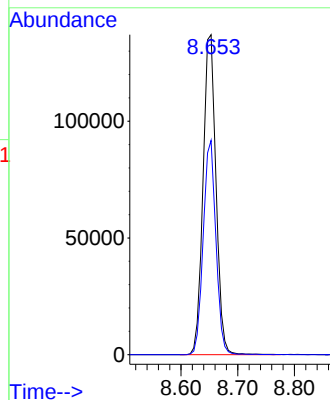
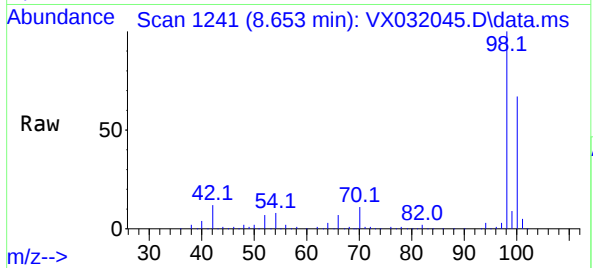




#50
Toluene-d8
Concen: 49.932 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

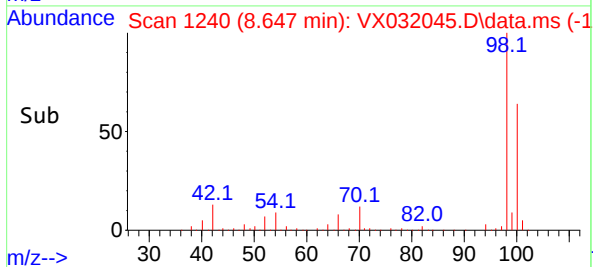
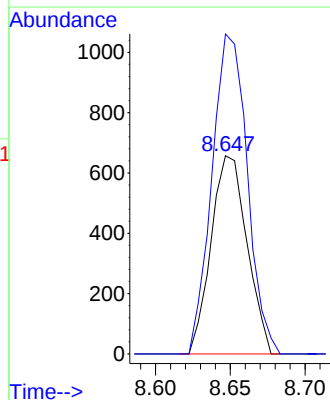
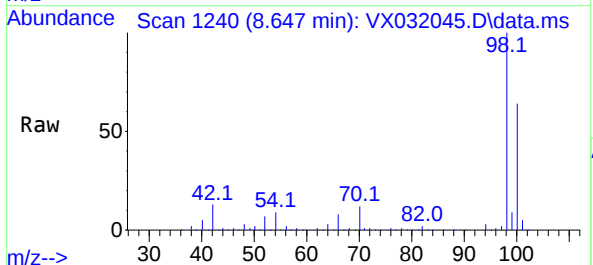
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20221007

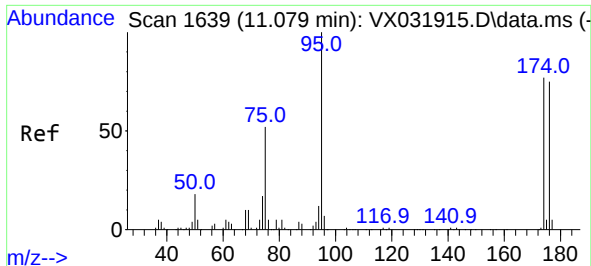
Tgt Ion: 98 Resp: 217936
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.719 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

Tgt Ion: 43 Resp: 1095
Ion Ratio Lower Upper
43 100
58 159.4 30.6 46.0#

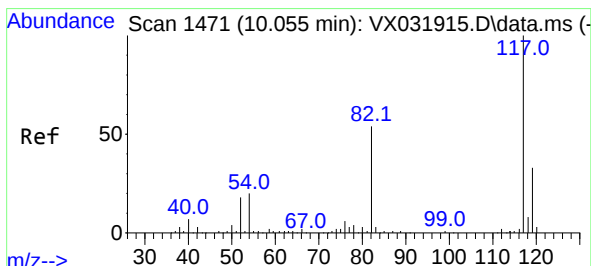
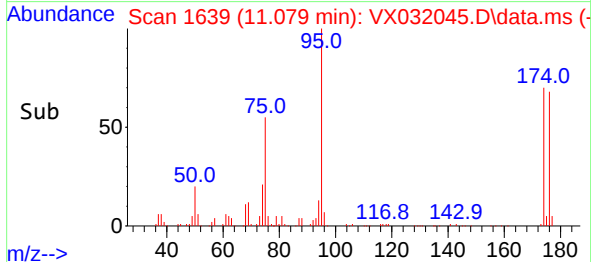
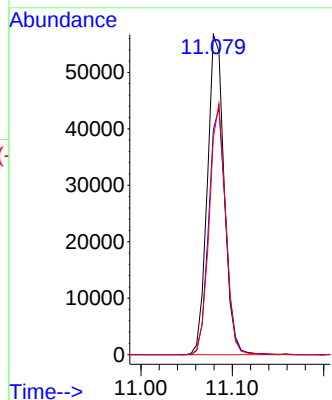
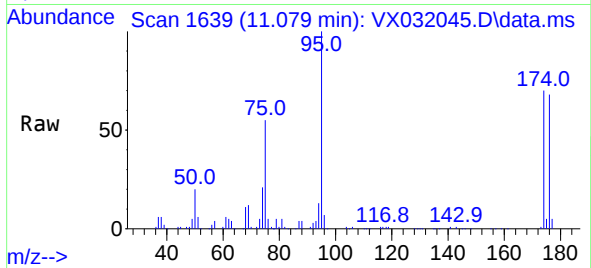




#62
4-Bromofluorobenzene
Concen: 46.613 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

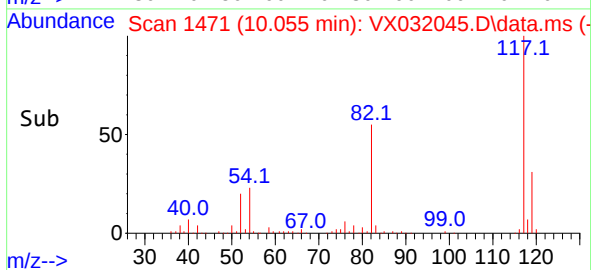
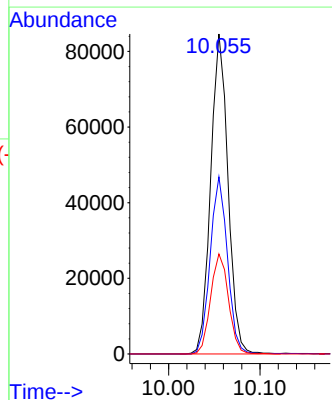
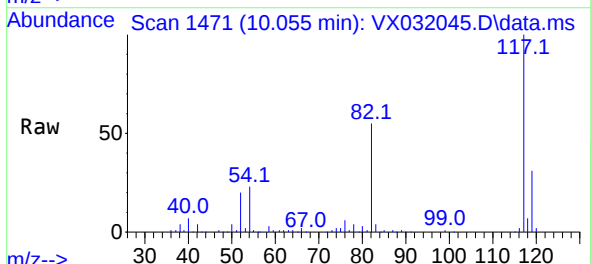
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20221007

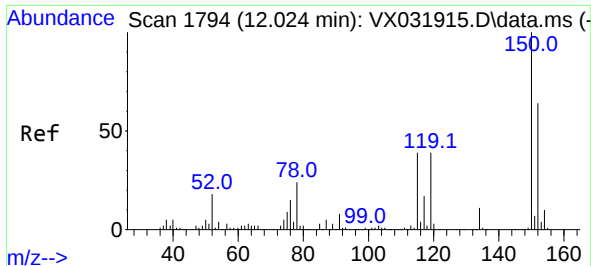
Tgt Ion: 95 Resp: 71925
Ion Ratio Lower Upper
95 100
174 78.0 0.0 153.2
176 76.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

Tgt Ion: 117 Resp: 111245
Ion Ratio Lower Upper
117 100
82 55.4 46.8 70.2
119 31.3 26.4 39.6

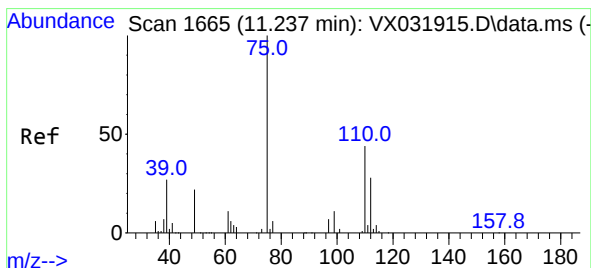
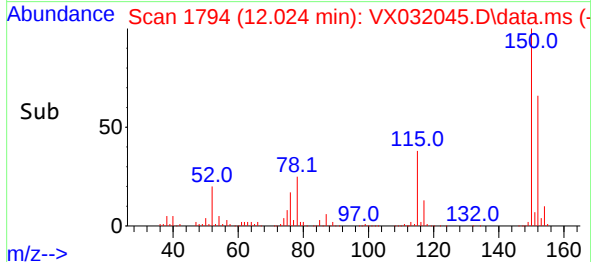
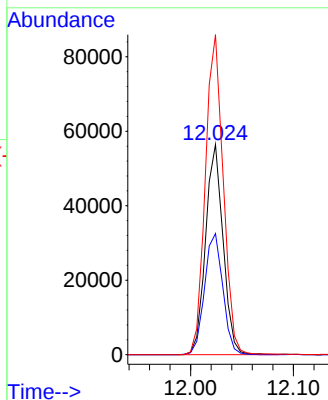
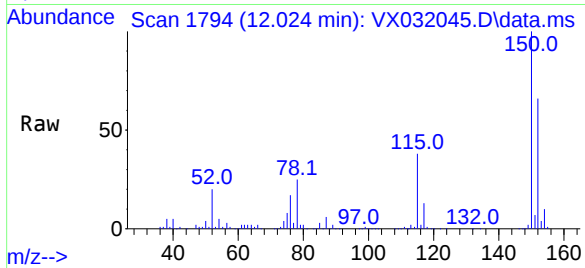




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

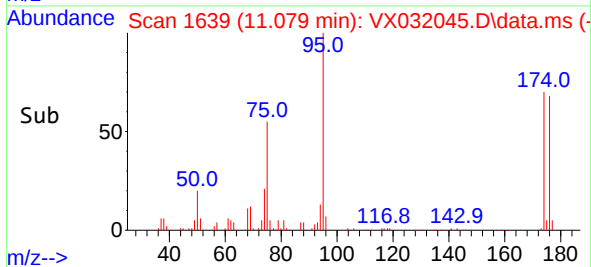
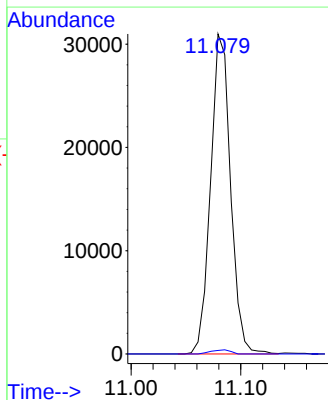
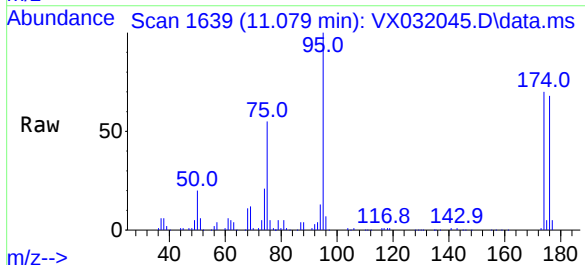
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20221007

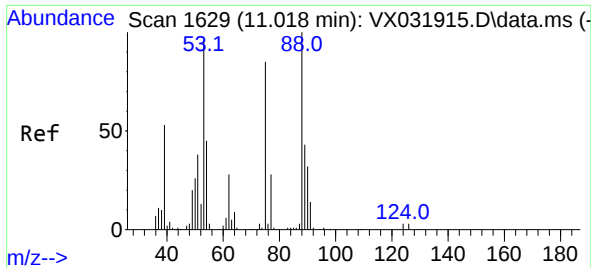
Tgt Ion:152 Resp: 67017
Ion Ratio Lower Upper
152 100
115 60.0 43.4 130.1
150 155.6 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 28.554 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

Tgt Ion: 75 Resp: 39219
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 97.634 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032045.D
Acq: 11 Oct 2022 18:28

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20221007

Tgt Ion: 75 Resp: 39219
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

