

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031668.D
 Acq On : 26 Sep 2022 23:38
 Operator : JC/MD
 Sample : N4791-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-TB-20220919

Quant Time: Sep 27 01:57:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

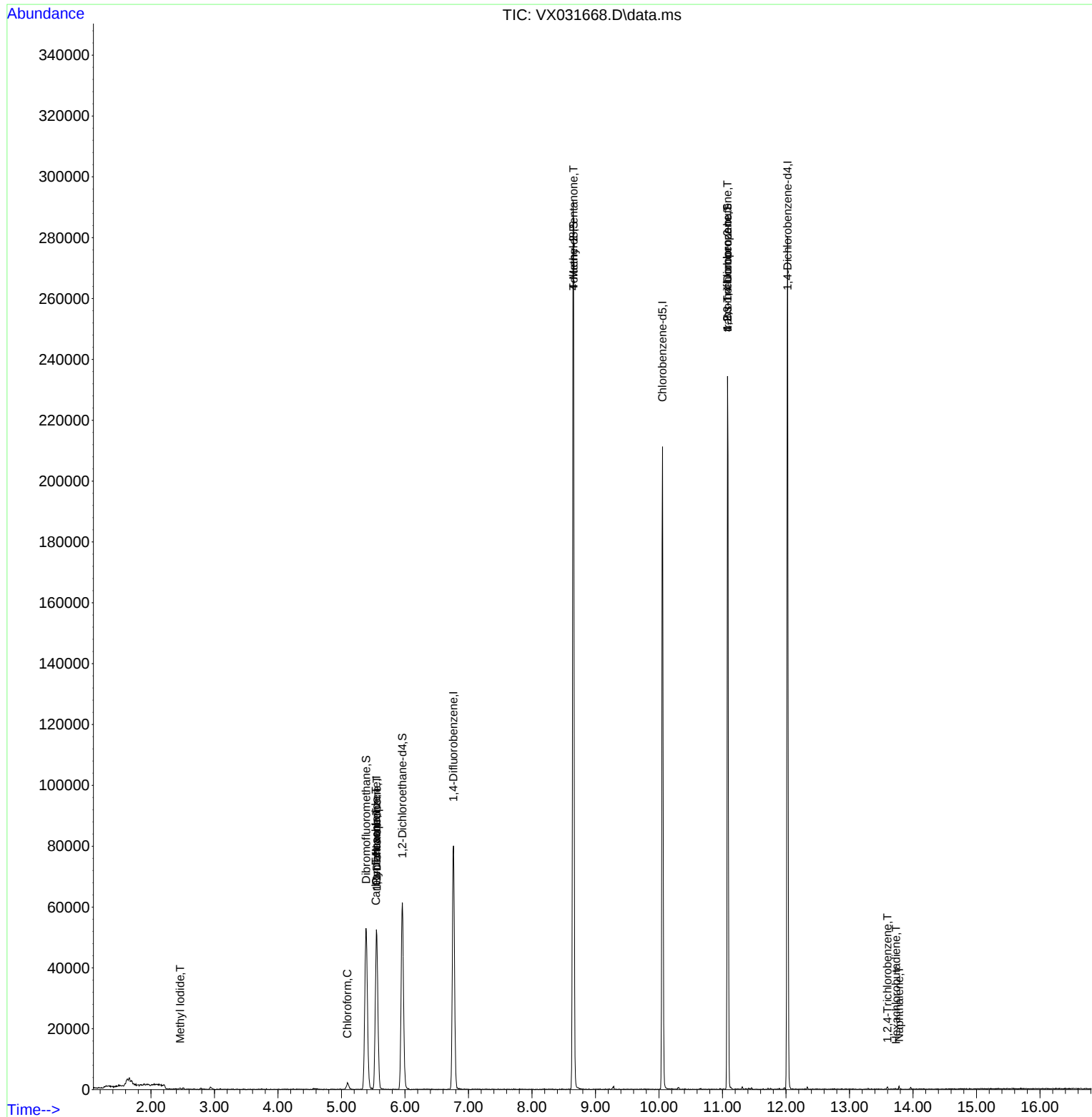
Internal Standards						
1) Pentafluorobenzene	5.550	168	50835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	82671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	90481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56174	52.065	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.120%
35) Dibromofluoromethane	5.385	113	44483	45.158	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.320%
50) Toluene-d8	8.653	98	171728	48.087	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.180%
62) 4-Bromofluorobenzene	11.079	95	54213	41.419	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.840%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	120	Below Cal	#	41
5) Bromomethane	1.612	94	505	Below Cal		90
6) Chloroethane	1.679	64	87	Below Cal	#	43
7) Trichlorofluoromethane	1.886	101	100	Below Cal		92
10) Methyl Iodide	2.459	142	312	0.471 ug/l	#	91
11) Tert butyl alcohol	2.935	59	487	Below Cal	#	73
13) Acrolein	2.057	56	40	Below Cal	#	15
16) Acetone	2.386	43	263	Below Cal	#	45
17) Carbon Disulfide	2.520	76	480	Below Cal	#	75
20) Methylene Chloride	2.788	84	146	Below Cal	#	72
30) Chloroform	5.093	83	2391	1.473 ug/l		87
31) Cyclohexane	5.550	56	1086	1.059 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	3736	3.303 ug/l	#	50
38) Carbon Tetrachloride	5.544	117	5220	4.094 ug/l	#	17
51) 4-Methyl-2-Pentanone	8.653	43	752	0.662 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	29277	29.717 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	29277	97.979 ug/l	#	11
93) 1,2,4-Trichlorobenzene	13.597	180	280	0.276 ug/l	#	77
94) Hexachlorobutadiene	13.731	225	100	0.253 ug/l	#	52
95) Naphthalene	13.780	128	845	0.249 ug/l	#	80

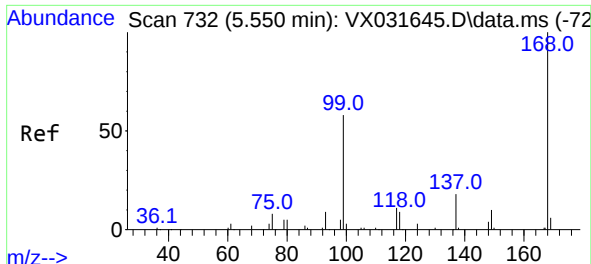
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

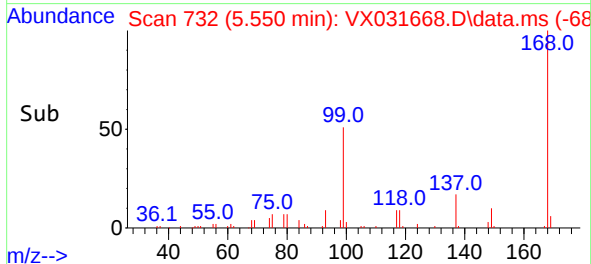
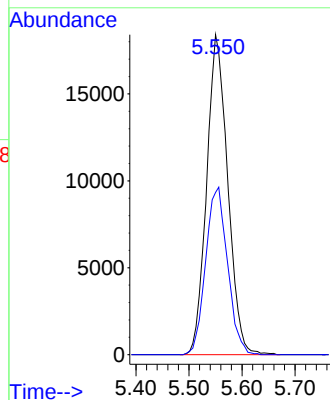
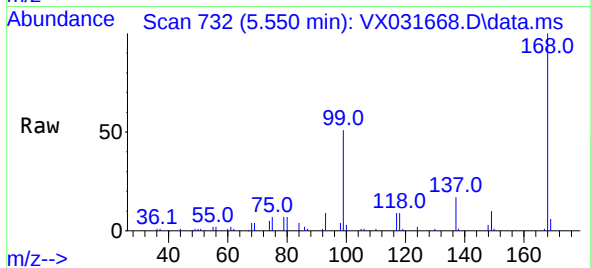




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

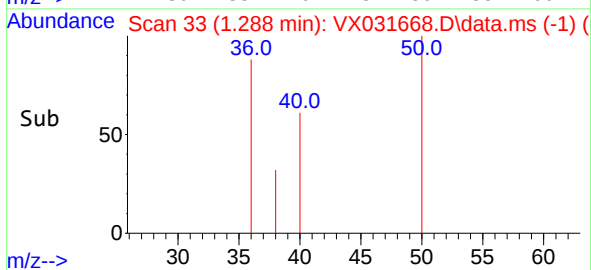
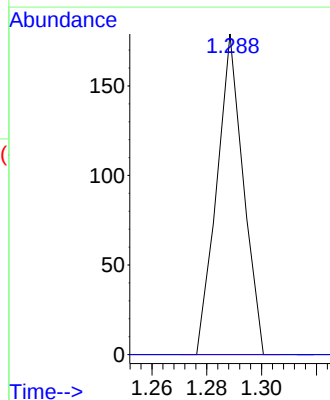
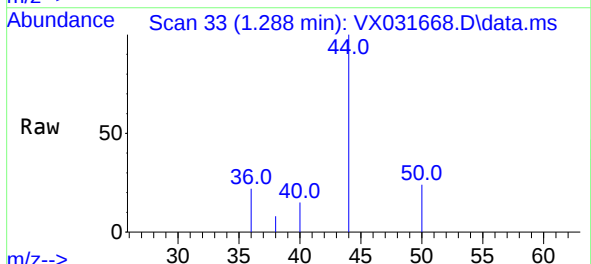
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220919

Tgt Ion:168 Resp: 50835
Ion Ratio Lower Upper
168 100
99 50.7 48.8 73.2

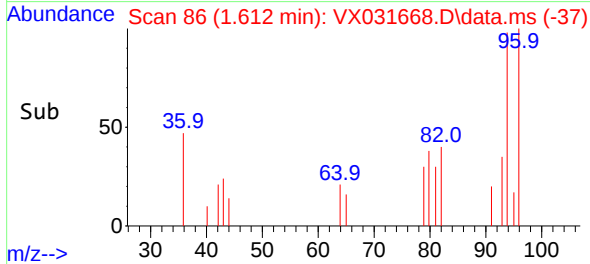
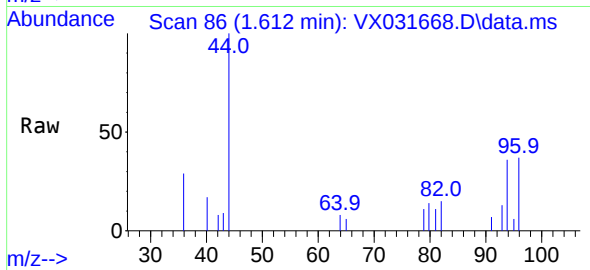
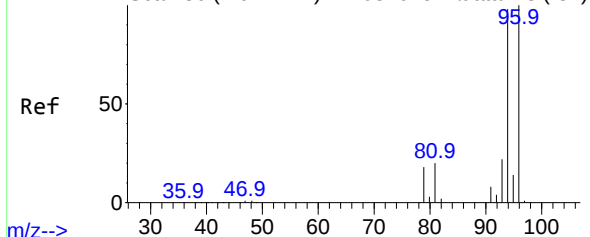


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

Tgt Ion: 50 Resp: 120
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.612 min Scan# 80

Delta R.T. 0.001 min

Lab File: VX031668.D

Acq: 26 Sep 2022 23:38

Instrument :

MSVOA_X

ClientSampleId :

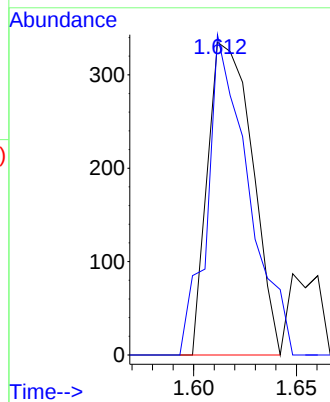
BP-VPB-RW5-TB-20220919

Tgt Ion: 94 Resp: 505

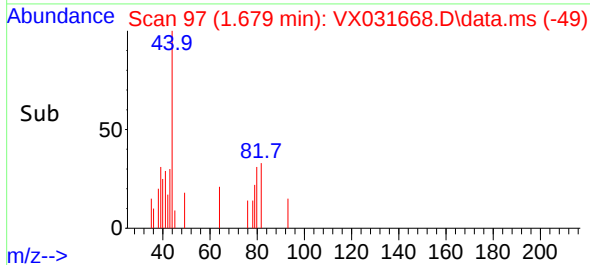
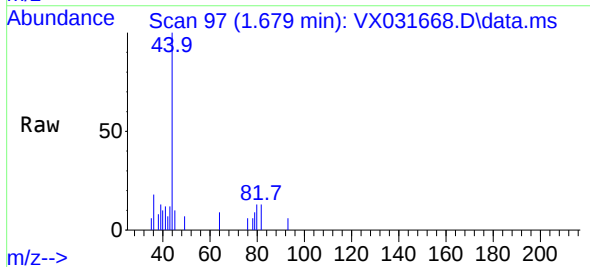
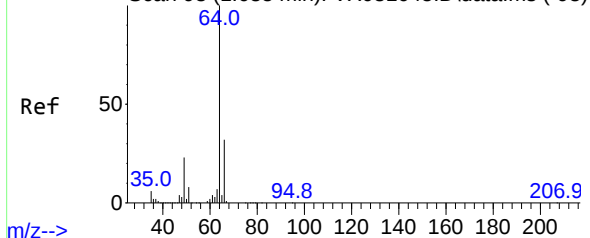
Ion Ratio Lower Upper

94 100

96 102.4 74.4 111.6



Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.679 min Scan# 97

Delta R.T. -0.006 min

Lab File: VX031668.D

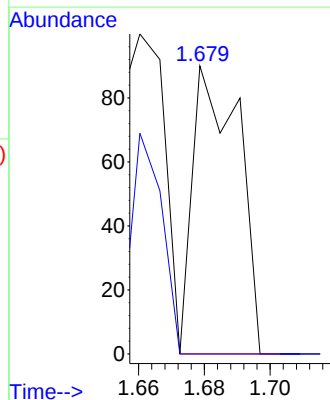
Acq: 26 Sep 2022 23:38

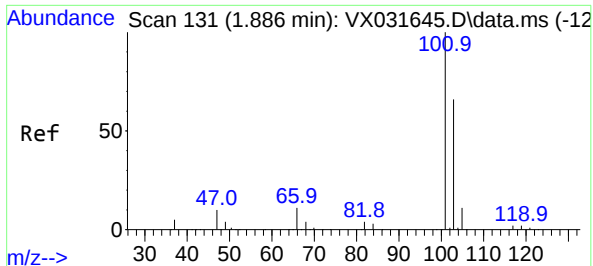
Tgt Ion: 64 Resp: 87

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#

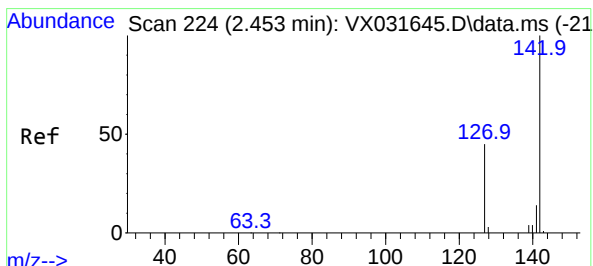
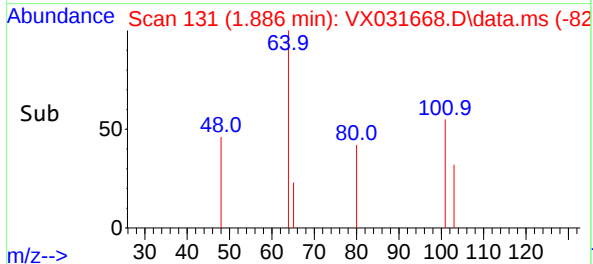
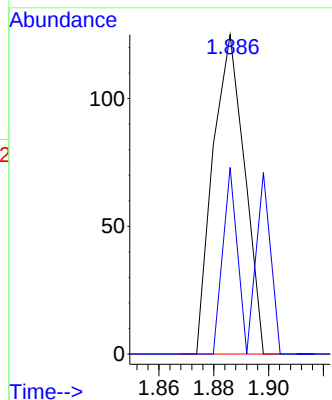
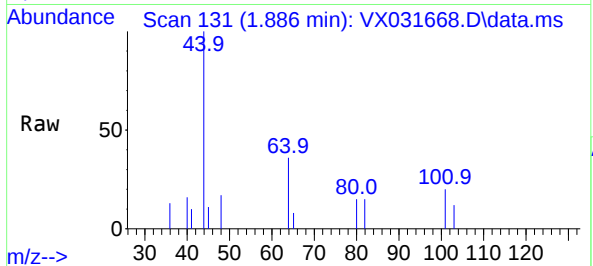




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

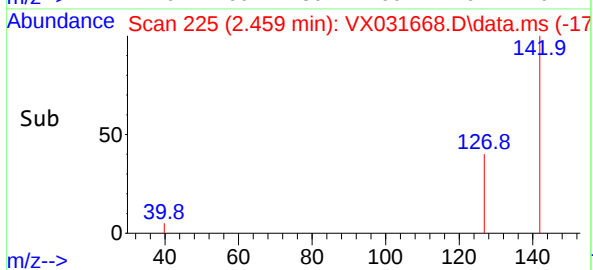
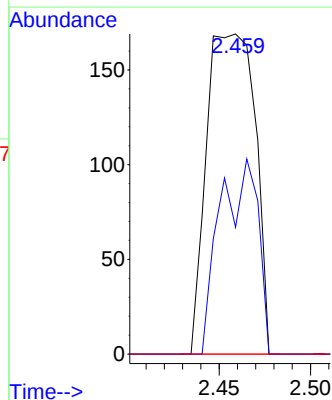
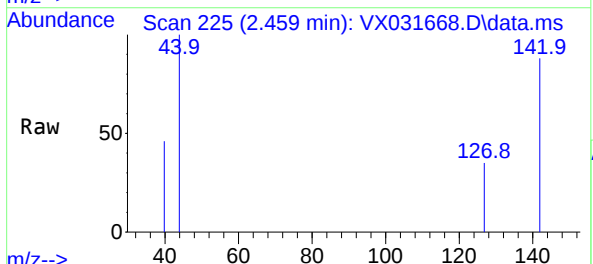
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220919

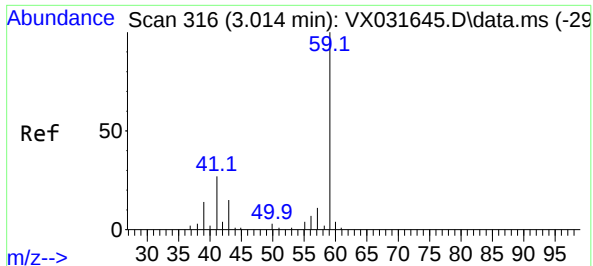
Tgt Ion:101 Resp: 100
Ion Ratio Lower Upper
101 100
103 58.4 51.8 77.6



#10
Methyl Iodide
Concen: 0.471 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

Tgt Ion:142 Resp: 312
Ion Ratio Lower Upper
142 100
127 47.4 37.4 56.0
141 0.0 11.6 17.4#

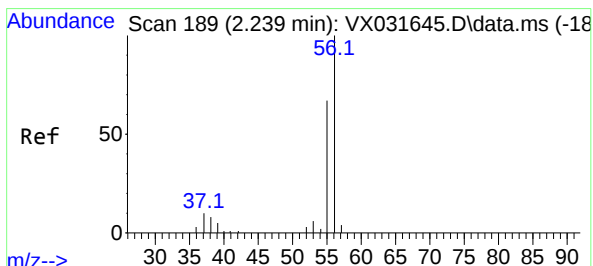
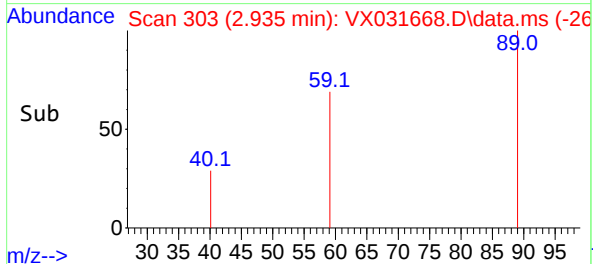
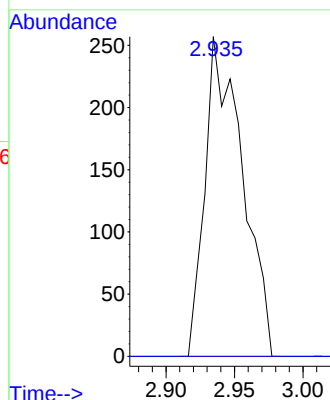
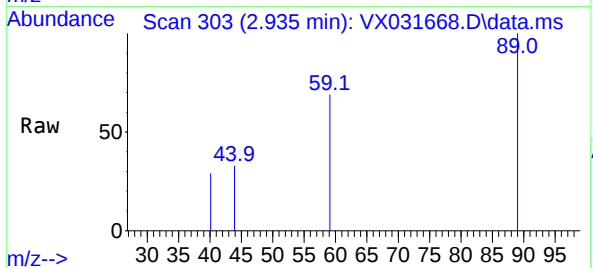




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.935 min Scan# 30
Delta R.T. -0.054 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

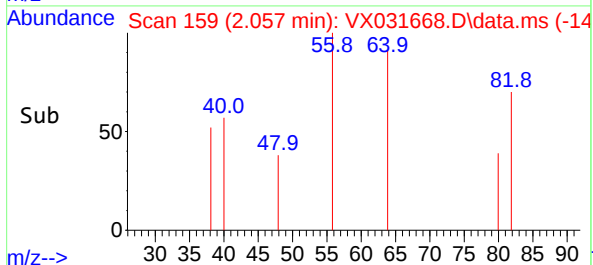
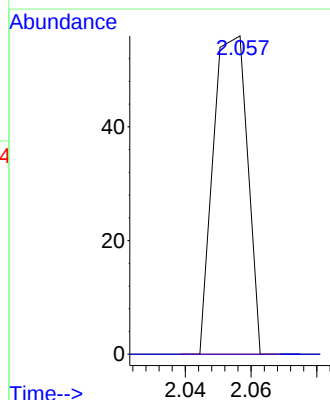
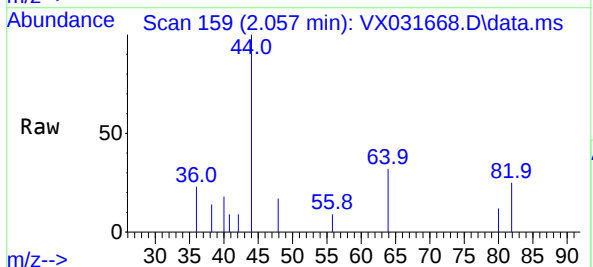
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220919

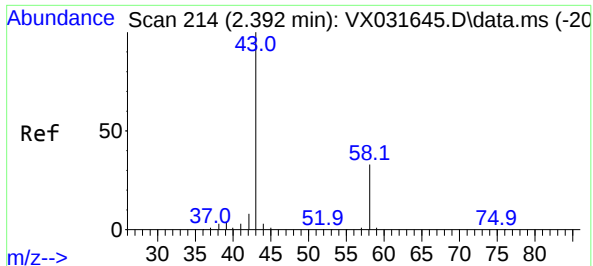
Tgt Ion: 59 Resp: 487
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.057 min Scan# 159
Delta R.T. -0.182 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#

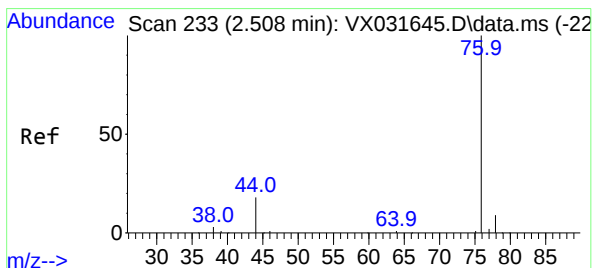
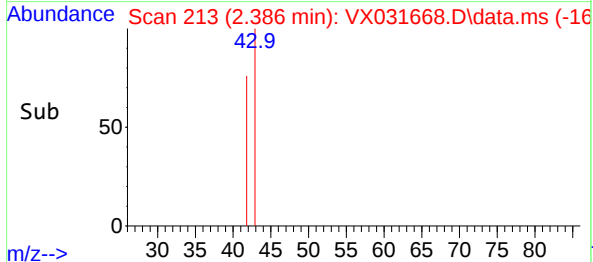
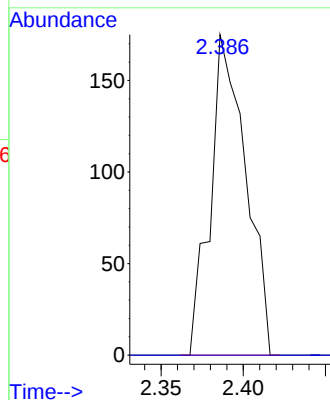
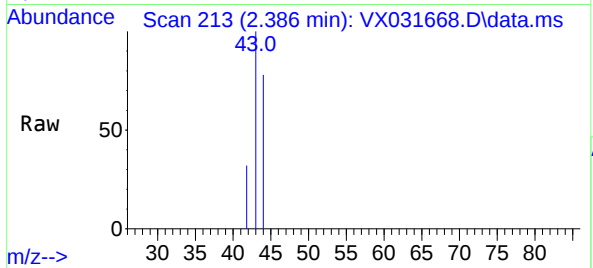




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

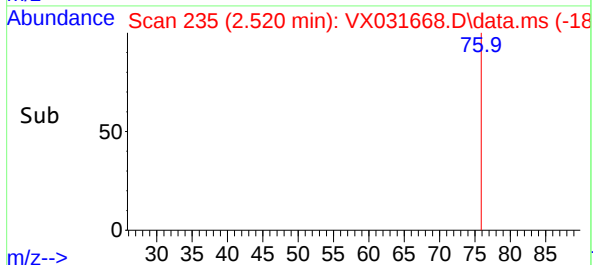
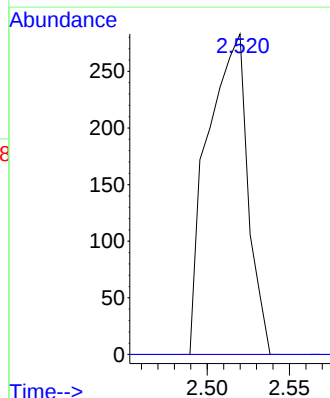
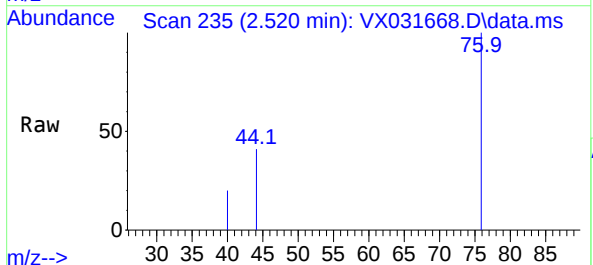
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220919

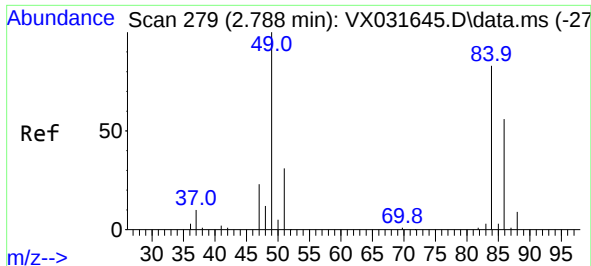
Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

Tgt Ion: 76 Resp: 480
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

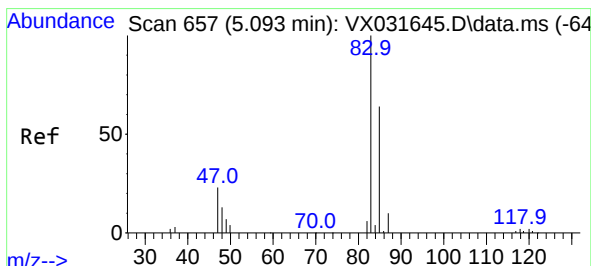
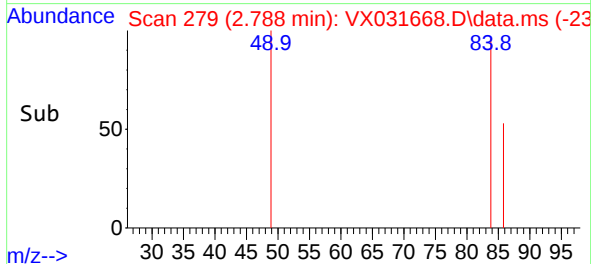
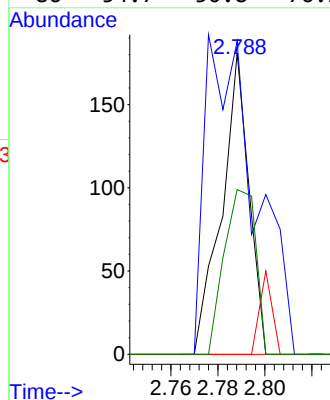
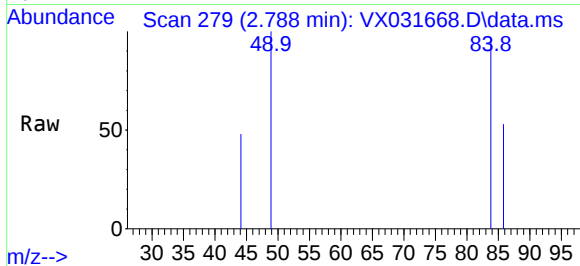




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

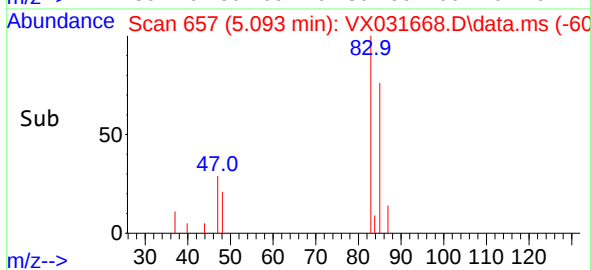
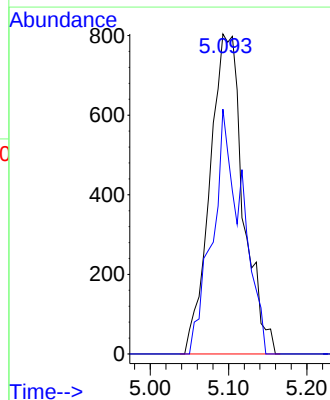
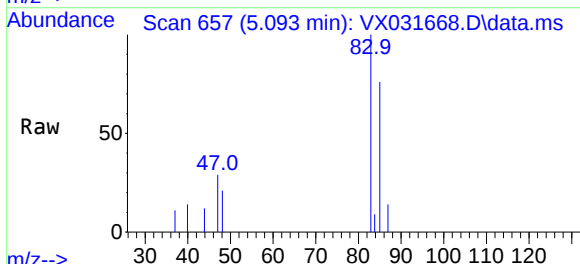
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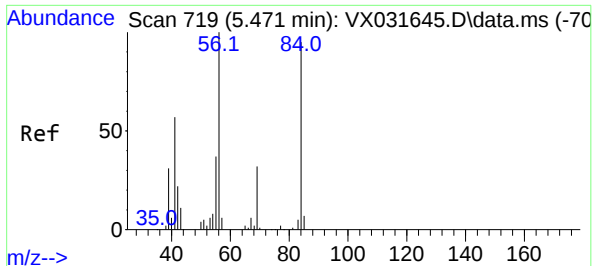
Tgt Ion:	84	Resp:	146
Ion	Ratio	Lower	Upper
84	100		
49	103.9	105.9	158.9#
51	0.0	32.2	48.2#
86	54.7	50.8	76.2



#30
Chloroform
Concen: 1.473 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

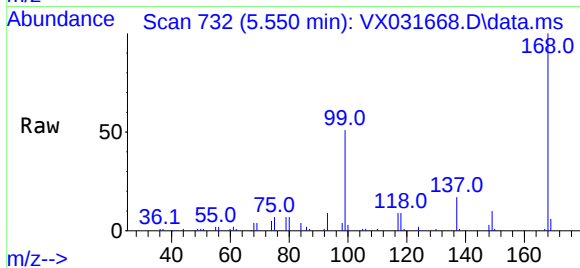
Tgt Ion:	83	Resp:	2391
Ion	Ratio	Lower	Upper
83	100		
85	76.5	52.8	79.2



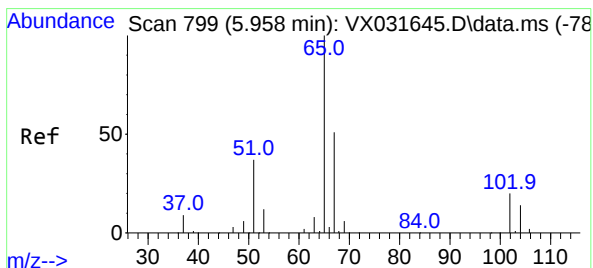
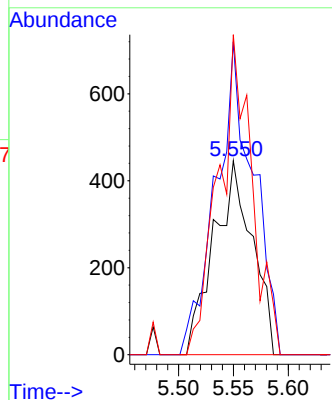
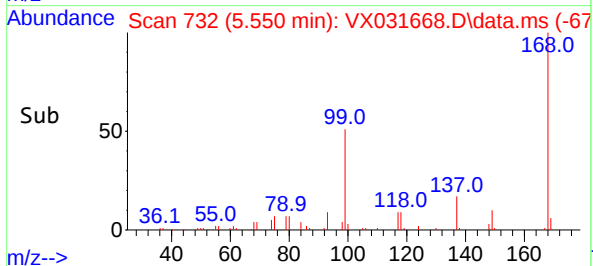


#31
Cyclohexane
Concen: 1.059 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220919

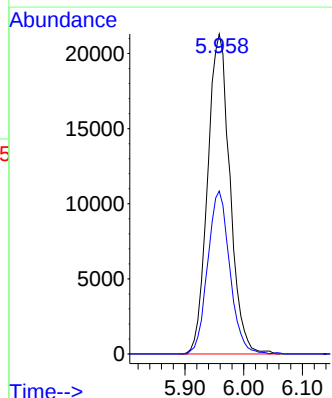
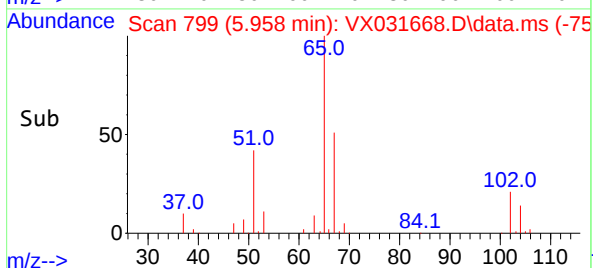
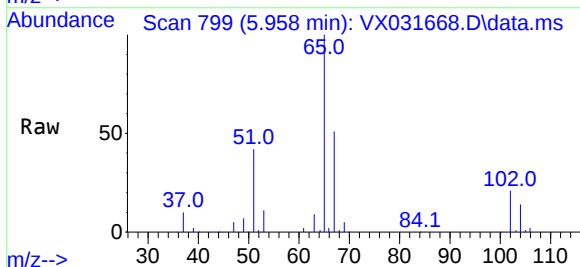


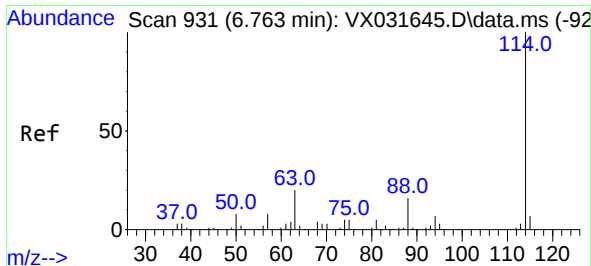
Tgt Ion: 56 Resp: 1086
Ion Ratio Lower Upper
56 100
69 161.4 25.1 37.7#
84 165.0 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 52.065 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

Tgt Ion: 65 Resp: 56174
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4

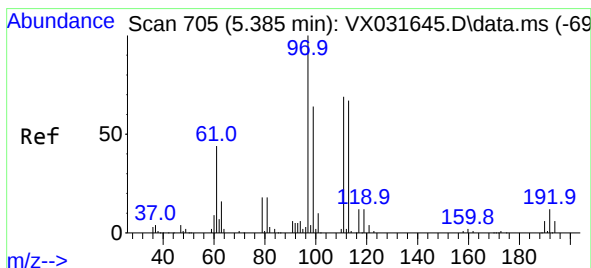
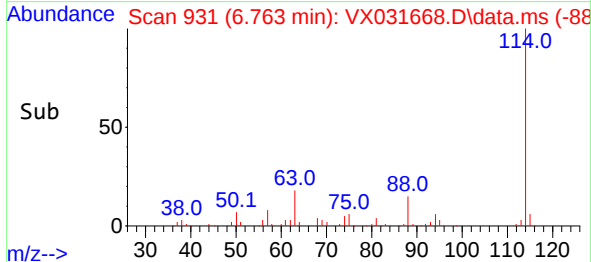
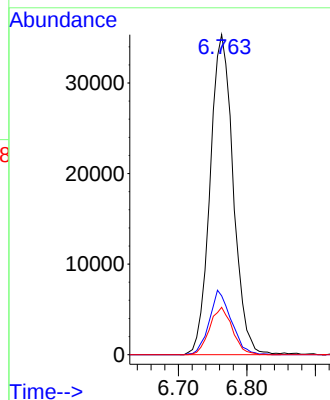
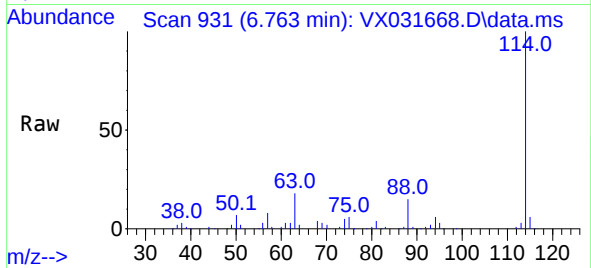




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

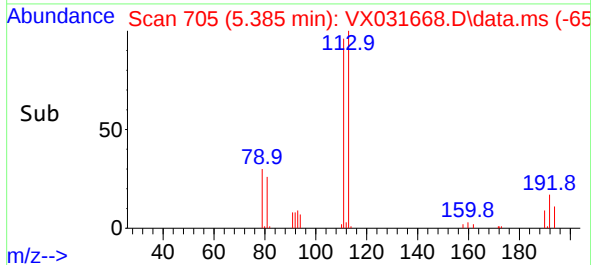
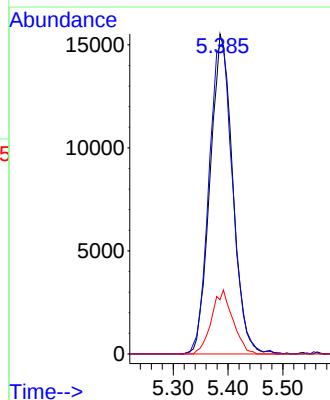
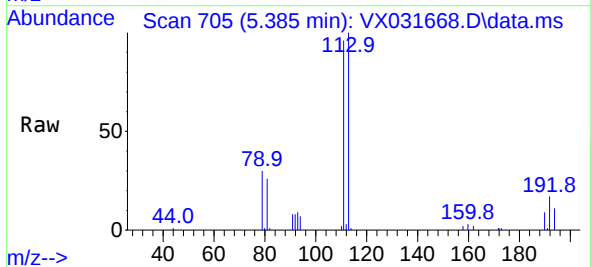
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220919

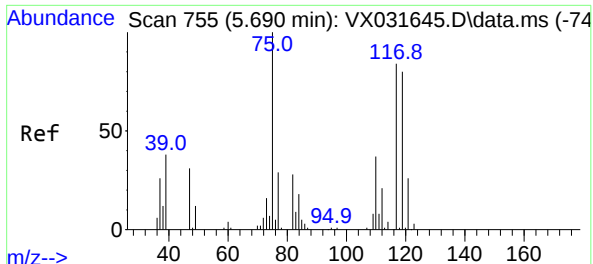
Tgt Ion:114	Resp:	82671
Ion Ratio	Lower	Upper
114	100	
63	18.4	0.0 42.6
88	14.8	0.0 33.0



#35
Dibromofluoromethane
Concen: 45.158 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

Tgt Ion:113	Resp:	44483
Ion Ratio	Lower	Upper
113	100	
111	102.1	82.4 123.6
192	18.8	14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.303 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX031668.D

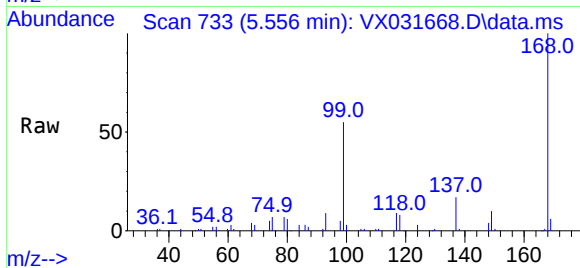
Acq: 26 Sep 2022 23:38

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-TB-20220919



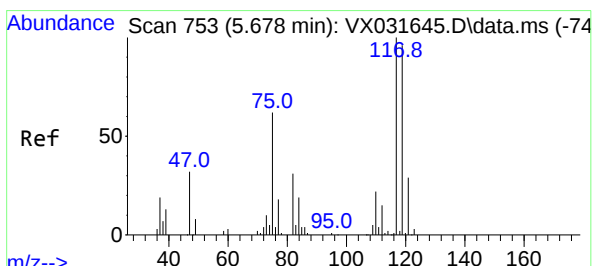
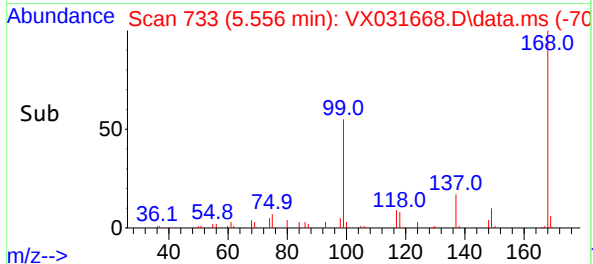
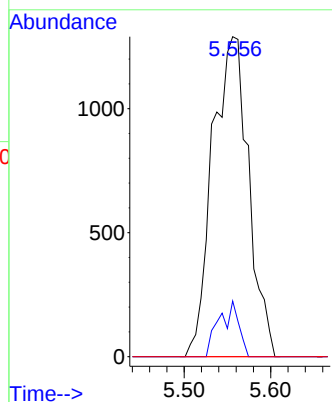
Tgt Ion: 75 Resp: 3736

Ion Ratio Lower Upper

75 100

110 9.4 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.094 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX031668.D

Acq: 26 Sep 2022 23:38

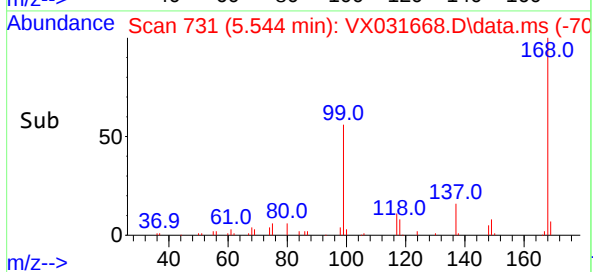
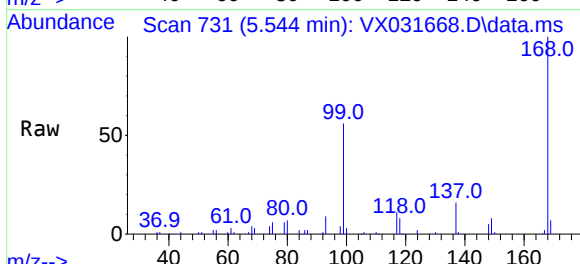
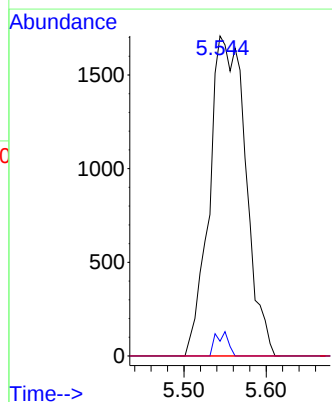
Tgt Ion: 117 Resp: 5220

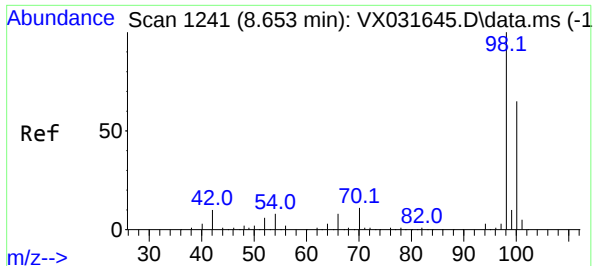
Ion Ratio Lower Upper

117 100

119 4.6 74.6 112.0#

121 0.0 25.3 37.9#

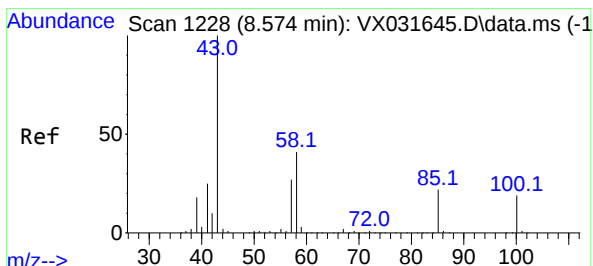
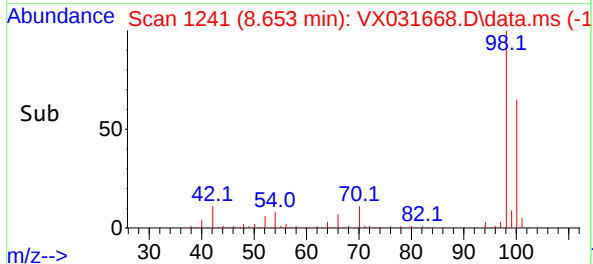
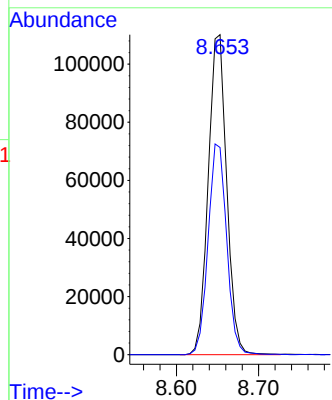
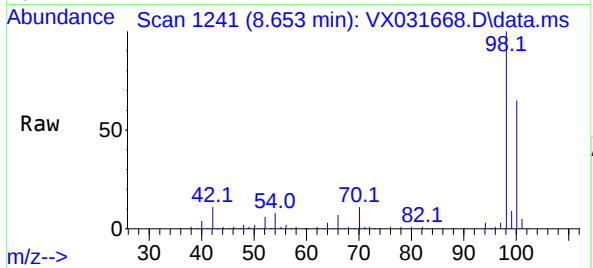




#50
Toluene-d8
Concen: 48.087 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

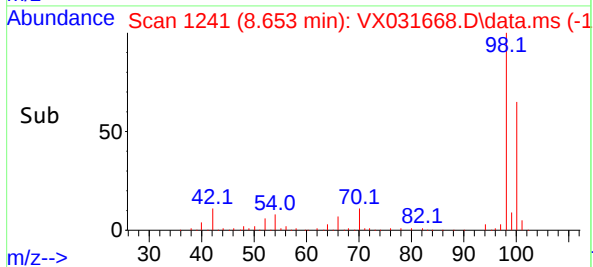
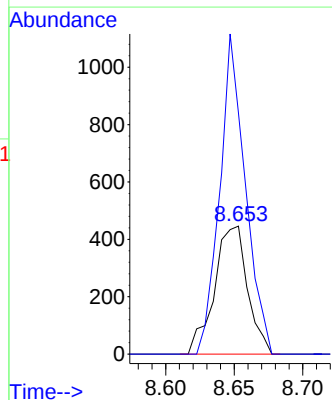
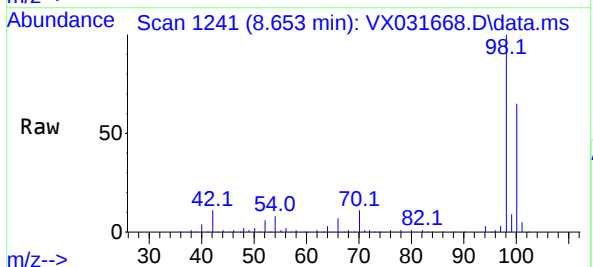
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-TB-20220919

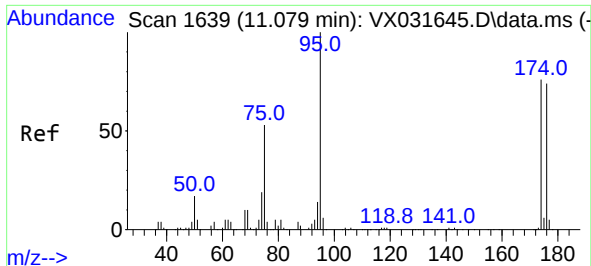
Tgt Ion: 98 Resp: 171728
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.662 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

Tgt Ion: 43 Resp: 752
Ion Ratio Lower Upper
43 100
58 193.2 30.6 46.0#

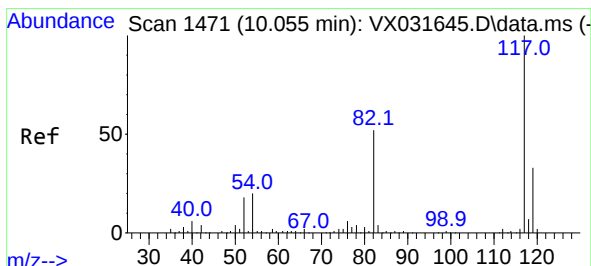
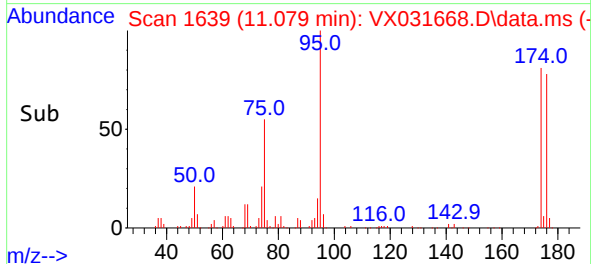
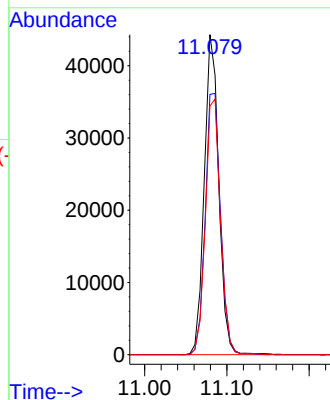
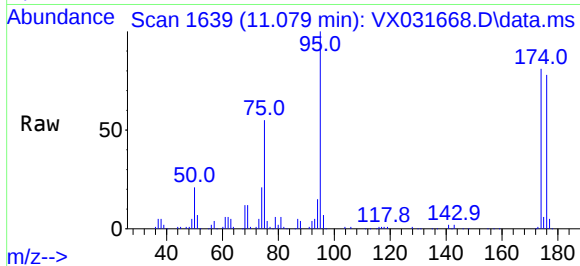




#62
4-Bromofluorobenzene
Concen: 41.419 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

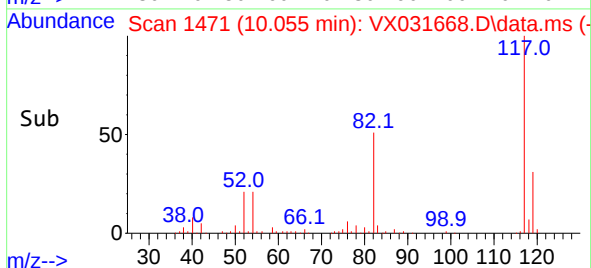
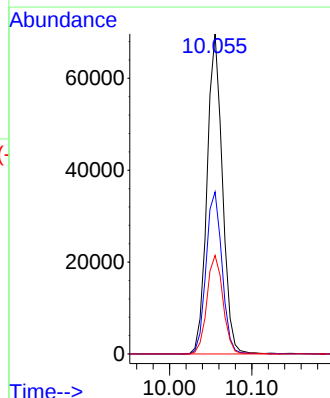
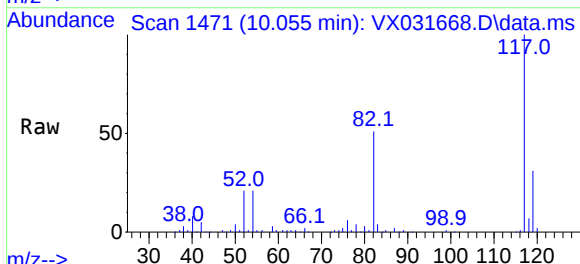
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220919

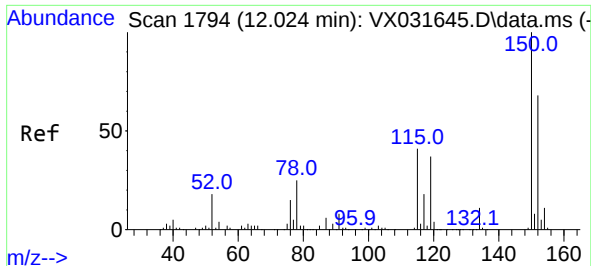
Tgt Ion: 95 Resp: 54213
Ion Ratio Lower Upper
95 100
174 86.4 0.0 153.2
176 83.2 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

Tgt Ion: 117 Resp: 90481
Ion Ratio Lower Upper
117 100
82 50.6 46.8 70.2
119 30.8 26.4 39.6

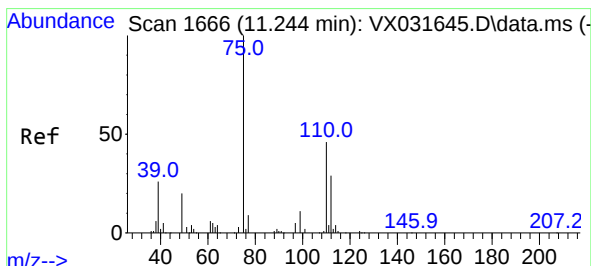
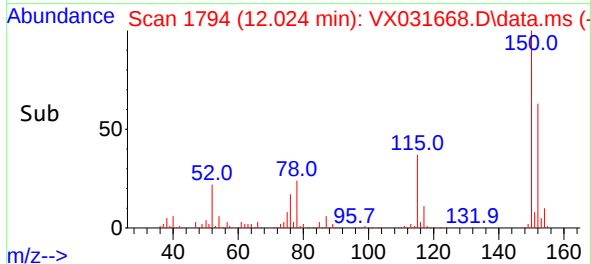
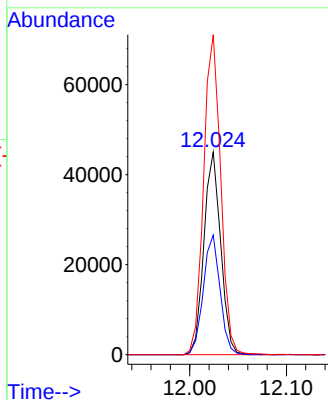
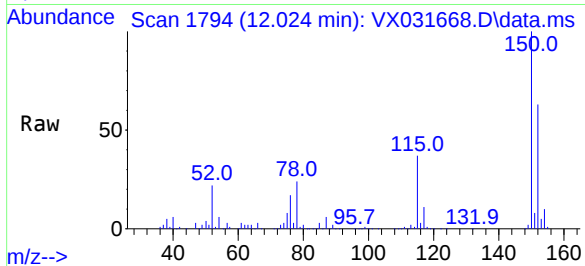




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

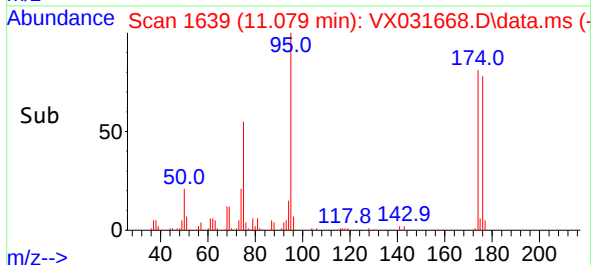
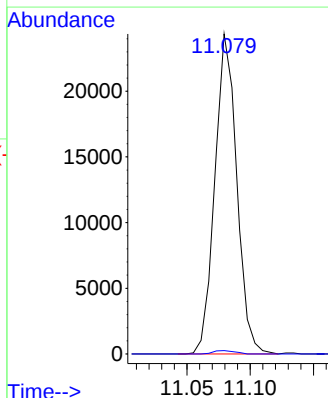
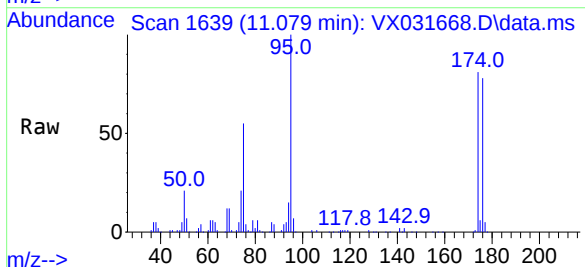
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220919

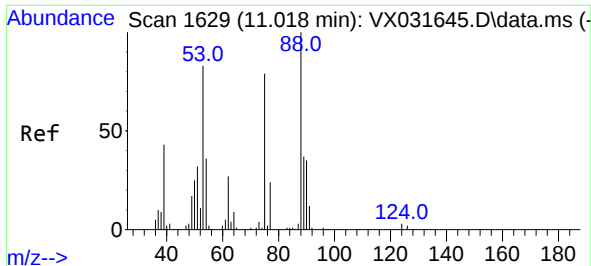
Tgt Ion:152 Resp: 54344
Ion Ratio Lower Upper
152 100
115 59.0 43.4 130.1
150 160.4 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 29.717 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

Tgt Ion: 75 Resp: 29277
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#

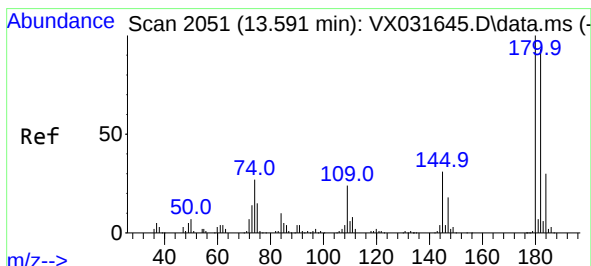
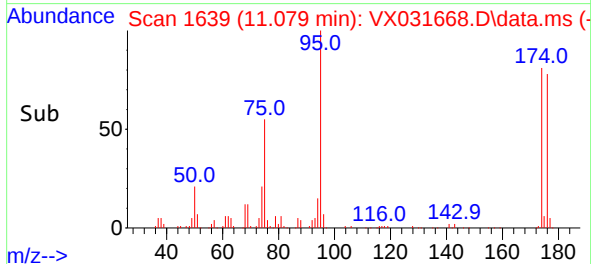
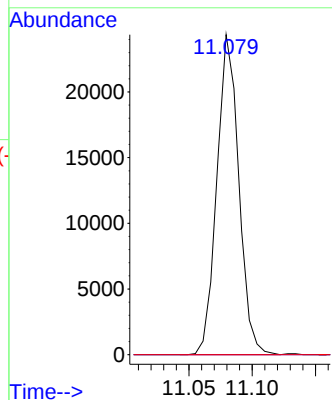
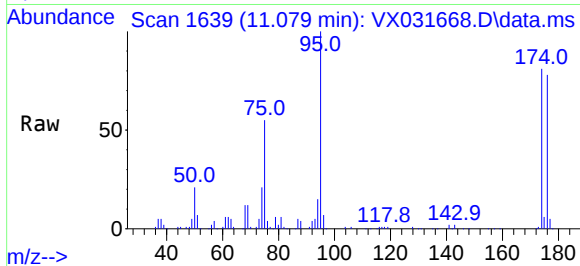




#81
trans-1,4-Dichloro-2-butene
Concen: 97.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

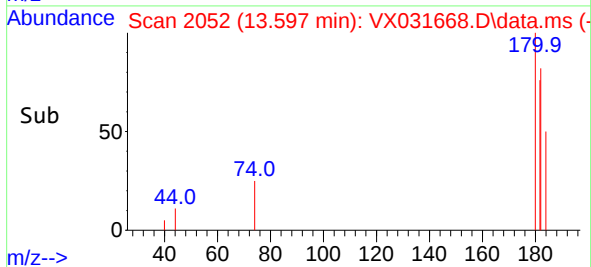
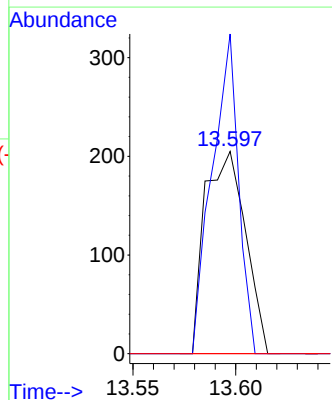
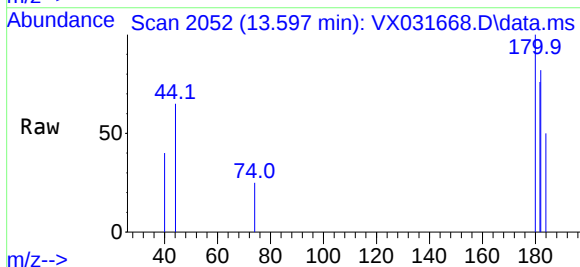
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220919

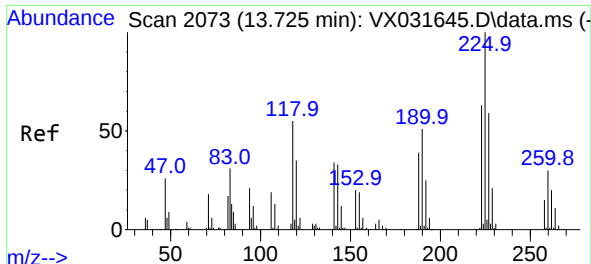
Tgt Ion: 75 Resp: 29277
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.276 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

Tgt Ion:180 Resp: 280
Ion Ratio Lower Upper
180 100
182 103.6 46.9 140.6
145 0.0 16.7 50.1#

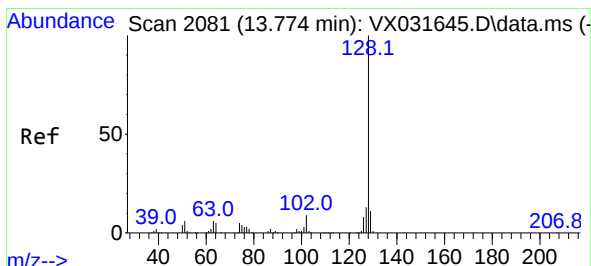
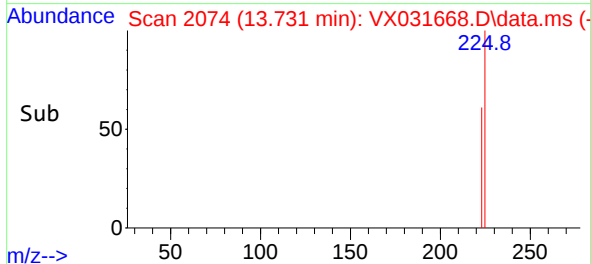
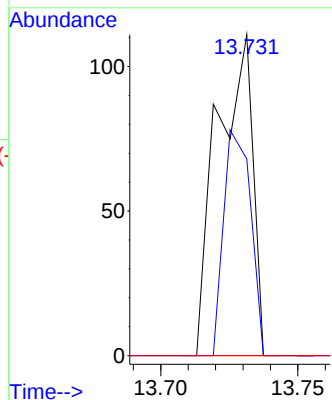
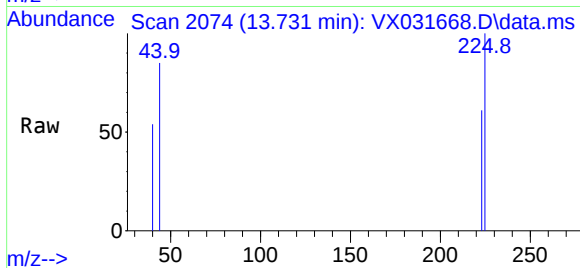




#94
Hexachlorobutadiene
Concen: 0.253 ug/l
RT: 13.731 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220919

Tgt Ion:225 Resp: 100
Ion Ratio Lower Upper
225 100
223 53.0 30.8 92.4
227 0.0 32.3 96.9#



#95
Naphthalene
Concen: 0.249 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031668.D
Acq: 26 Sep 2022 23:38

Tgt Ion:128 Resp: 845
Ion Ratio Lower Upper
128 100
127 8.0 10.4 15.6#
129 0.0 8.8 13.2#

