

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031470.D
 Acq On : 19 Sep 2022 19:13
 Operator : JC/MD
 Sample : N4558-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-148-150RE

Quant Time: Sep 20 09:50:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

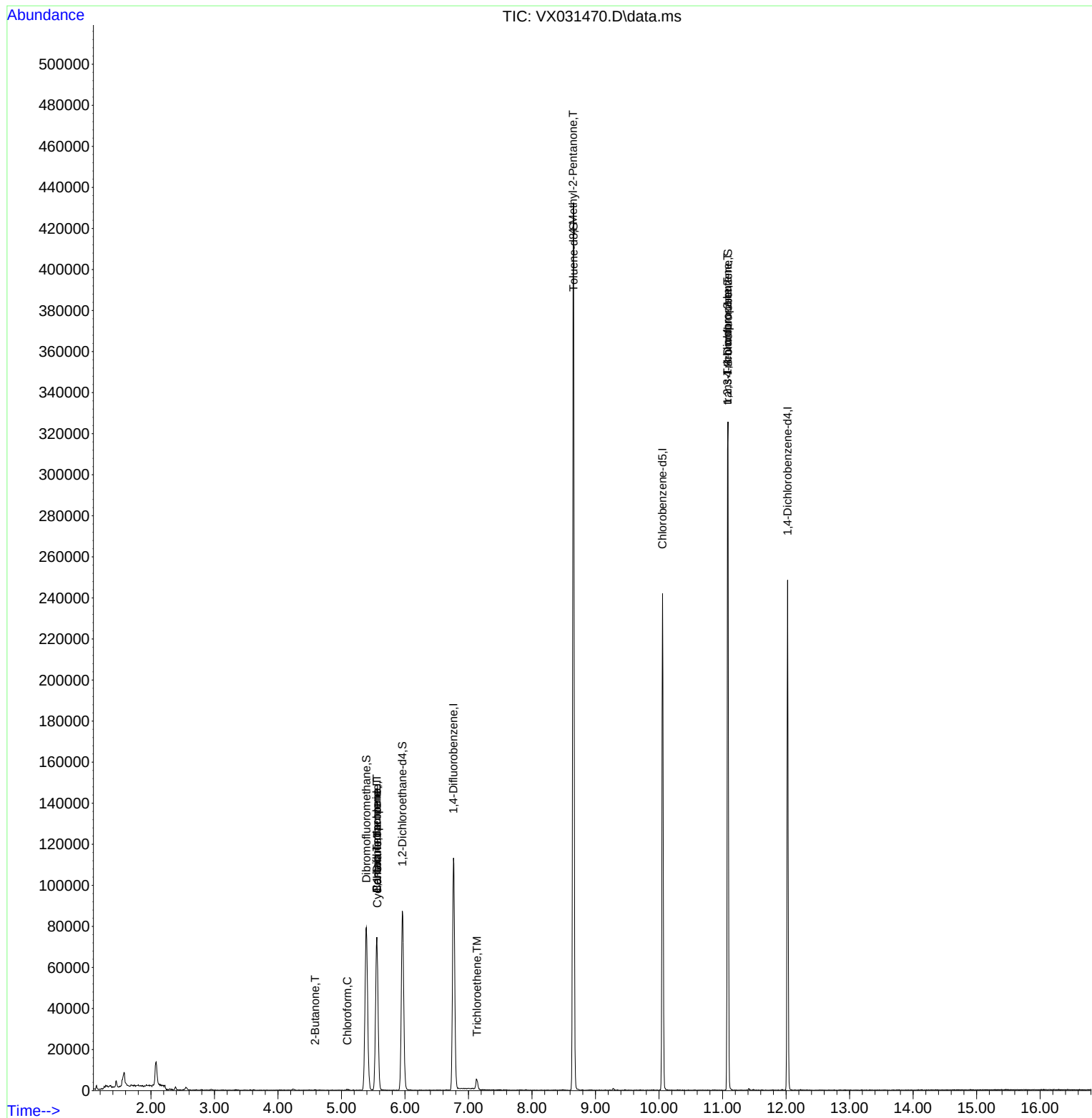
Internal Standards						
1) Pentafluorobenzene	5.556	168	69804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	115678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77104	60.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.680%			
35) Dibromofluoromethane	5.391	113	64548	54.044	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.080%			
50) Toluene-d8	8.653	98	245205	53.205	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.400%			
62) 4-Bromofluorobenzene	11.085	95	75250	48.203	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.400%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	596	Below Cal	#	78
11) Tert butyl alcohol	2.947	59	177	Below Cal	#	73
13) Acrolein	2.185	56	22	Below Cal	#	80
16) Acetone	2.386	43	1309	Below Cal		93
20) Methylene Chloride	2.776	84	21	Below Cal	#	4
25) 2-Butanone	4.587	43	270	0.273	ug/l #	49
30) Chloroform	5.093	83	533	0.224	ug/l #	76
31) Cyclohexane	5.562	56	1798	0.947	ug/l #	52
36) 1,1-Dichloropropene	5.556	75	5686	3.092	ug/l #	48
38) Carbon Tetrachloride	5.556	117	7154	3.510	ug/l #	20
44) Trichloroethene	7.135	130	1931	1.242	ug/l	71
51) 4-Methyl-2-Pentanone	8.647	43	1272	0.587	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.079	83	198	Below Cal	#	15
76) 1,2,3-Trichloropropane	11.079	75	43756	42.353	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43756	136.371	ug/l #	11

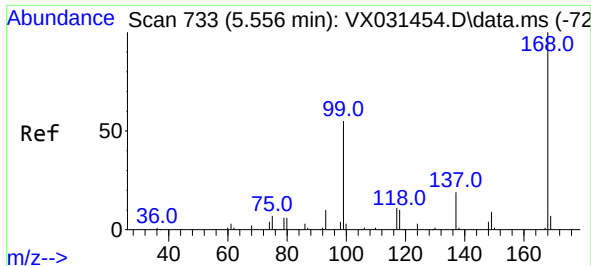
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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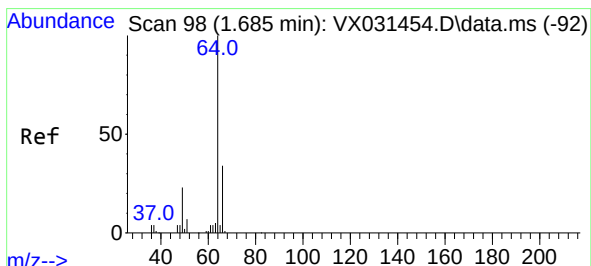
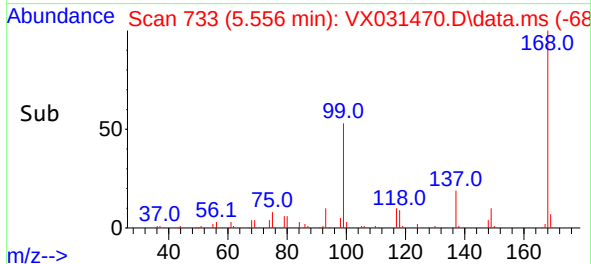
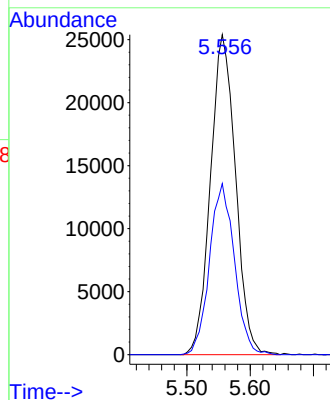
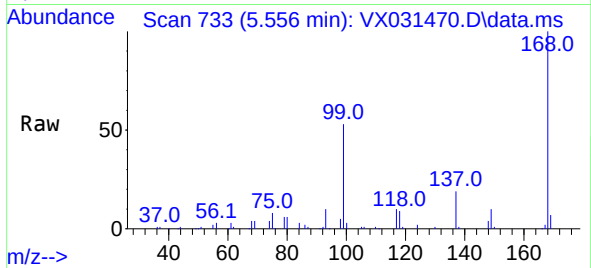




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

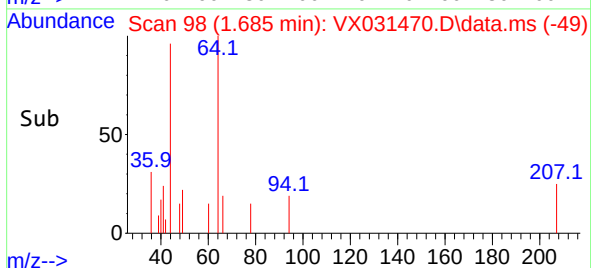
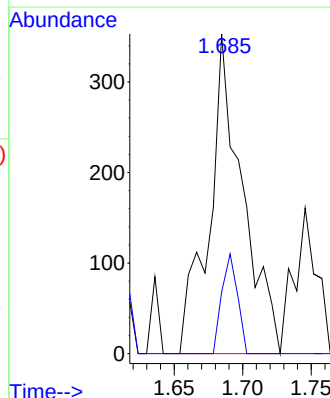
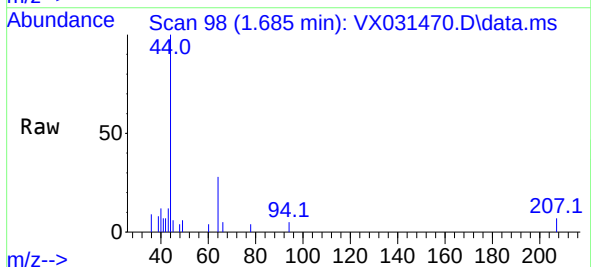
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-148-150RE

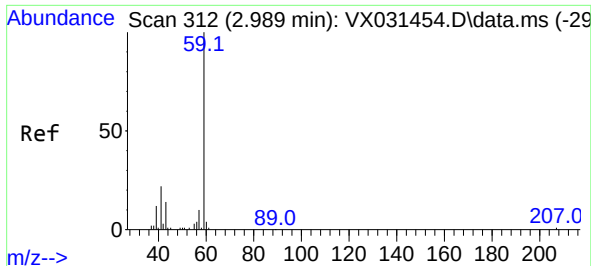
Tgt Ion:168 Resp: 69804
Ion Ratio Lower Upper
168 100
99 53.5 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

Tgt Ion: 64 Resp: 596
Ion Ratio Lower Upper
64 100
66 19.3 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.042 min

Lab File: VX031470.D

Acq: 19 Sep 2022 19:13

Instrument :

MSVOA_X

ClientSampleId :

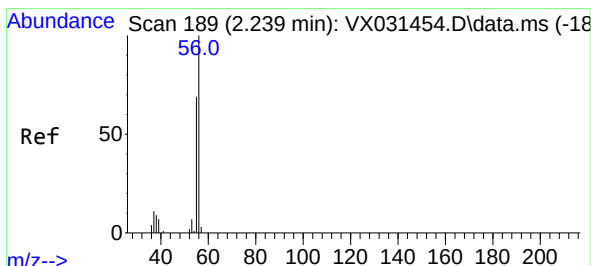
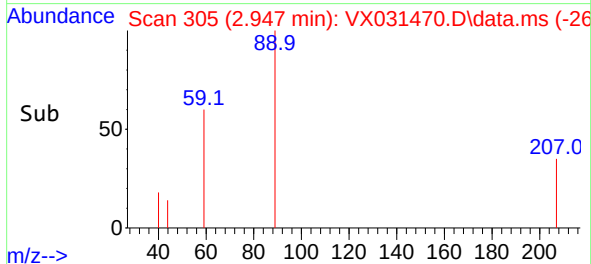
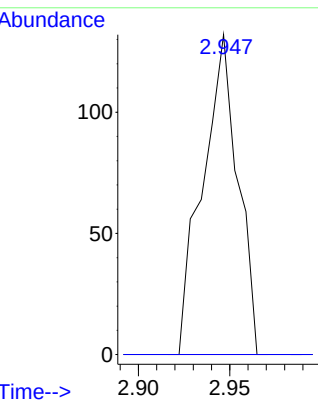
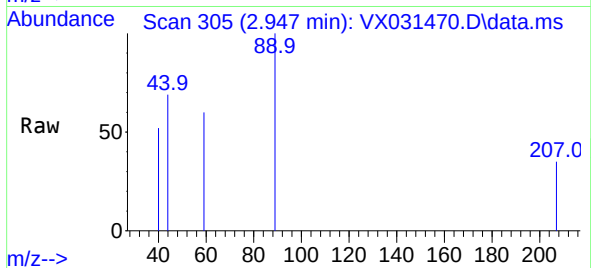
BP-VPB-RW5-GW-148-150RE

Tgt Ion: 59 Resp: 177

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.185 min Scan# 180

Delta R.T. -0.054 min

Lab File: VX031470.D

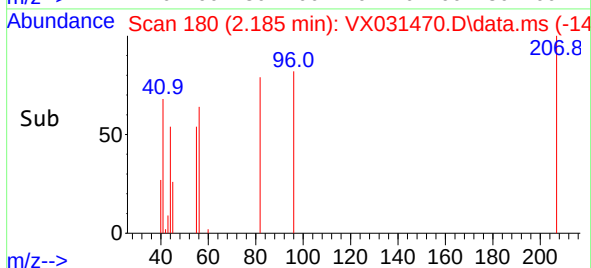
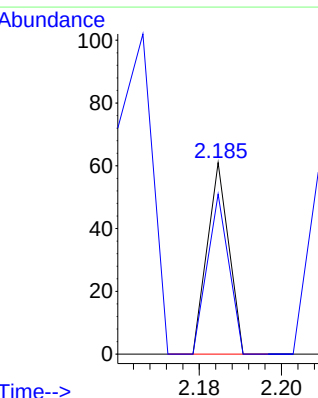
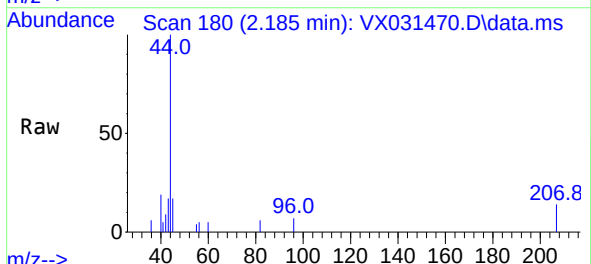
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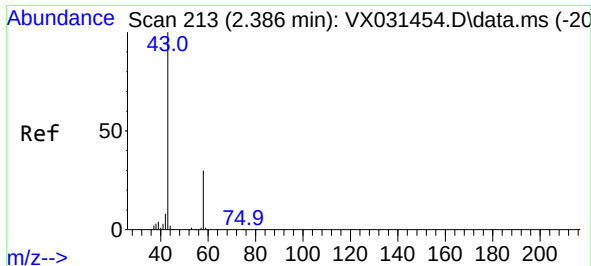
Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 86.4 56.0 84.0#

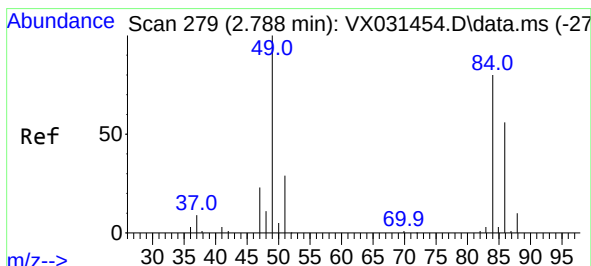
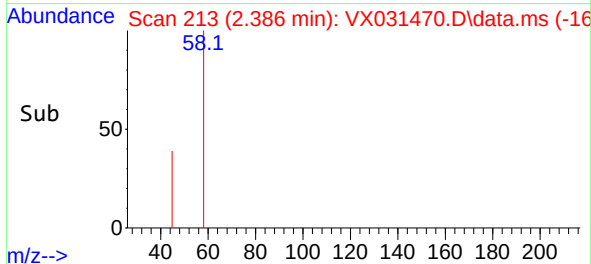
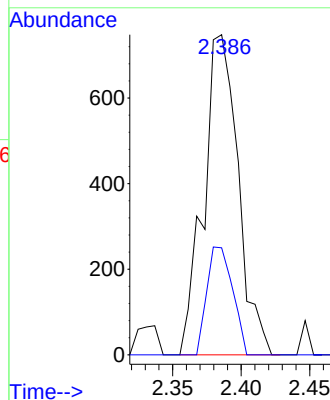
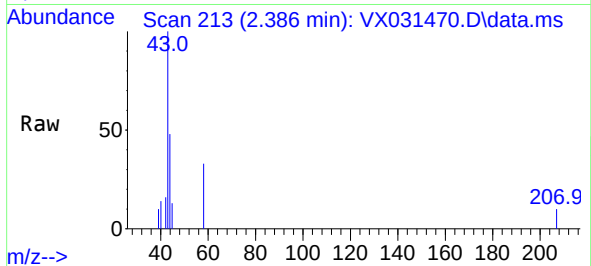




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

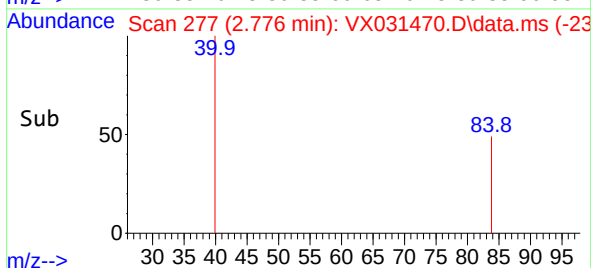
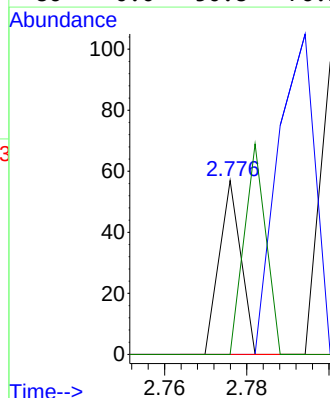
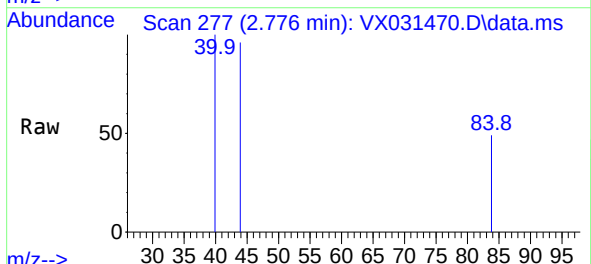
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-GW-148-150RE

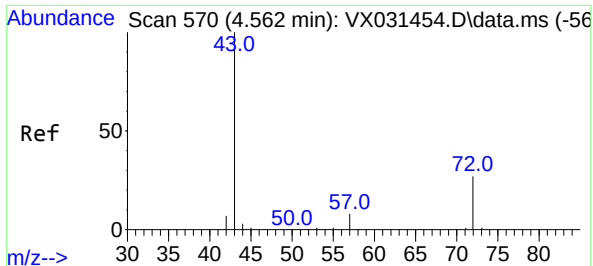
Tgt Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
58 33.4 23.8 35.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

Tgt Ion: 84 Resp: 21
Ion Ratio Lower Upper
84 100
49 0.0 105.9 158.9#
51 0.0 32.2 48.2#
86 0.0 50.8 76.2#





#25

2-Butanone

Concen: 0.273 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX031470.D

Acq: 19 Sep 2022 19:13

Instrument :

MSVOA_X

ClientSampleId :

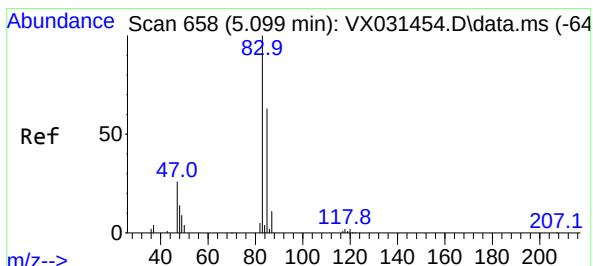
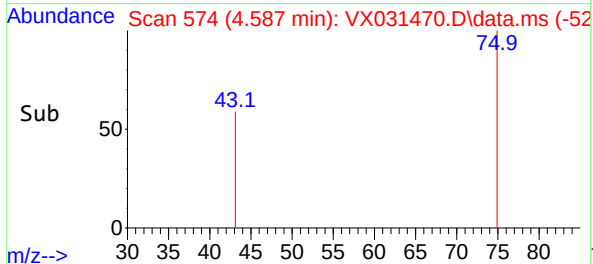
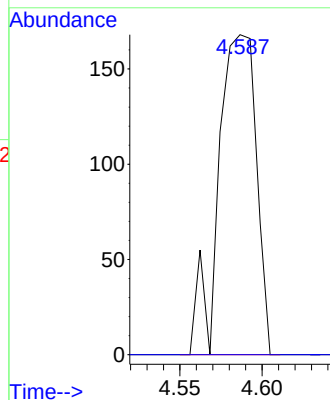
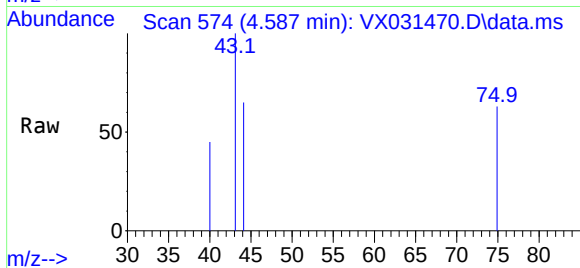
BP-VPB-RW5-GW-148-150RE

Tgt Ion: 43 Resp: 270

Ion Ratio Lower Upper

43 100

72 0.0 21.1 31.7#



#30

Chloroform

Concen: 0.224 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX031470.D

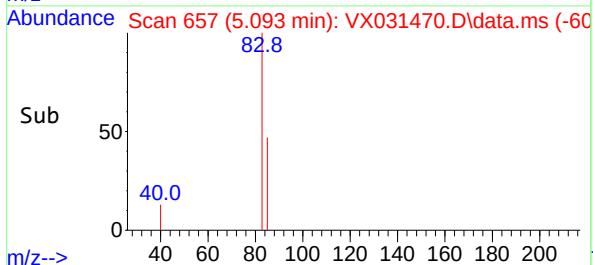
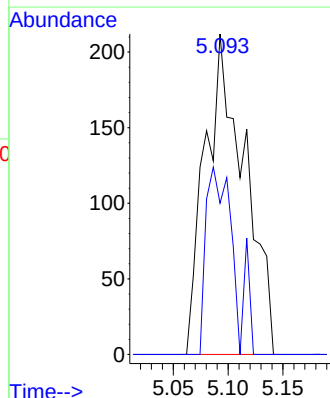
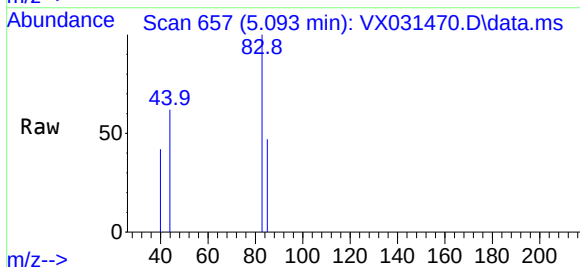
Acq: 19 Sep 2022 19:13

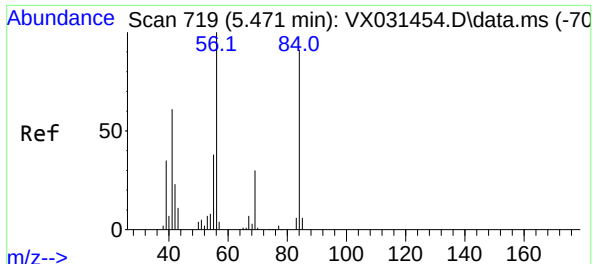
Tgt Ion: 83 Resp: 533

Ion Ratio Lower Upper

83 100

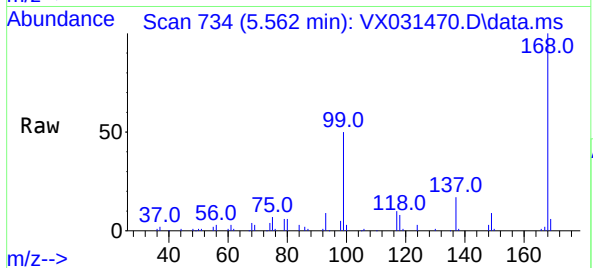
85 47.2 52.8 79.2#



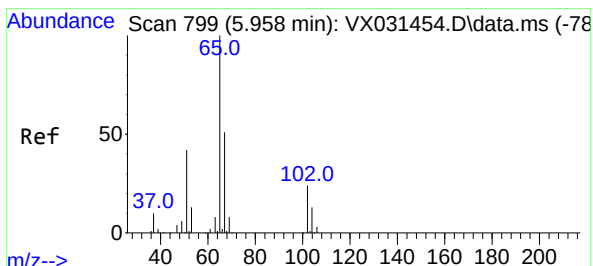
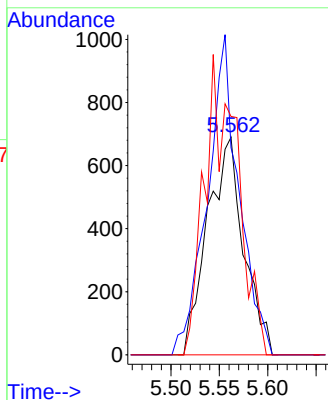
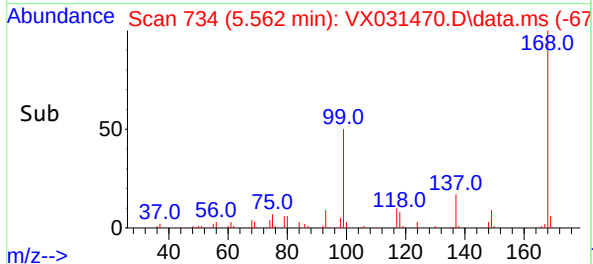


#31
Cyclohexane
Concen: 0.947 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-148-150RE

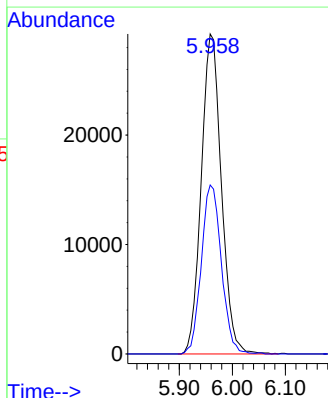
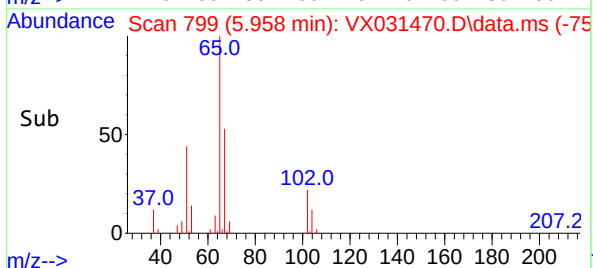
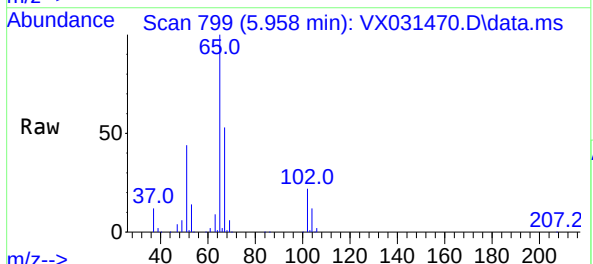


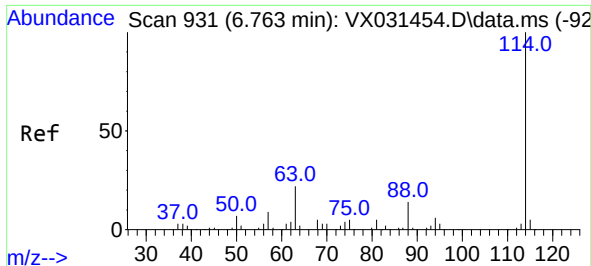
Tgt Ion: 56 Resp: 1798
Ion Ratio Lower Upper
56 100
69 95.2 25.1 37.7#
84 109.6 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 60.341 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

Tgt Ion: 65 Resp: 77104
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.4

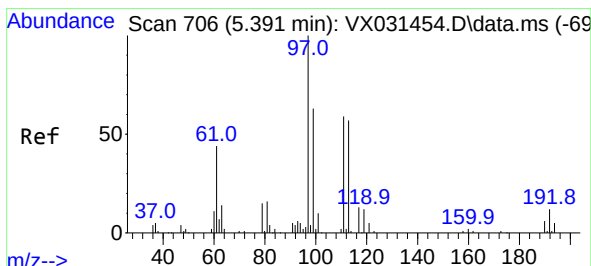
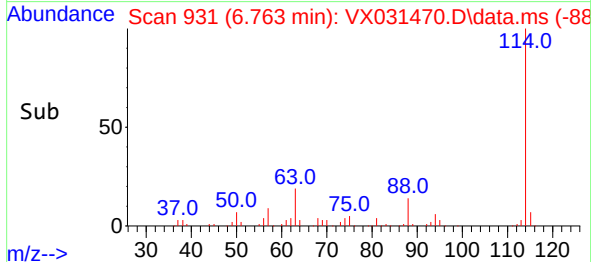
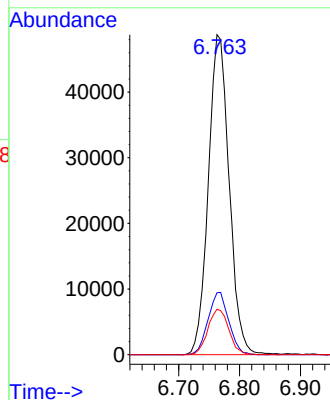
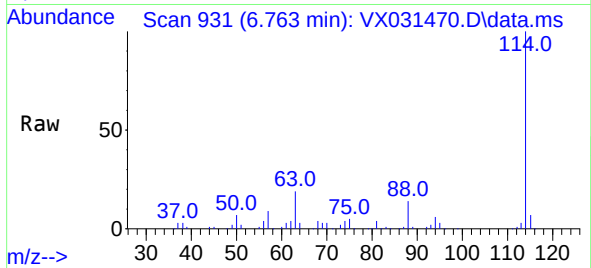




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

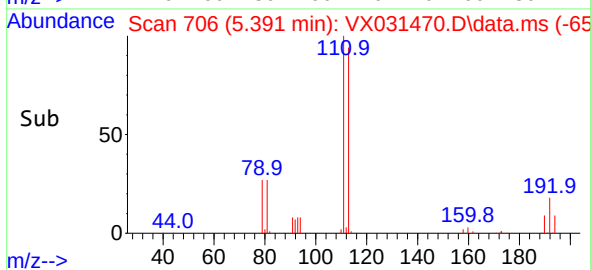
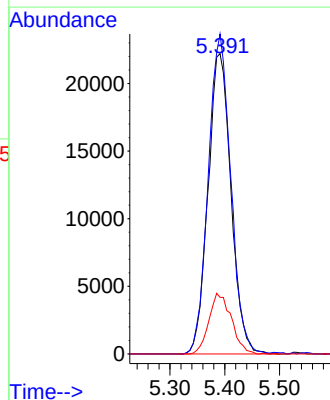
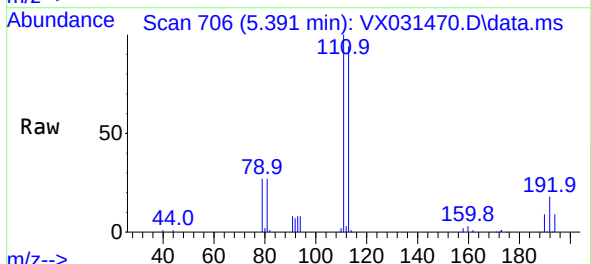
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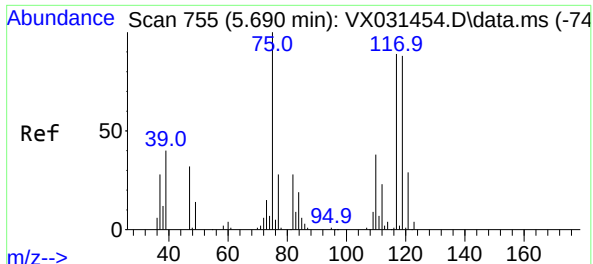
Tgt Ion:114 Resp: 115678
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 14.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 54.044 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

Tgt Ion:113 Resp: 64548
Ion Ratio Lower Upper
113 100
111 104.5 82.4 123.6
192 19.7 14.1 21.1

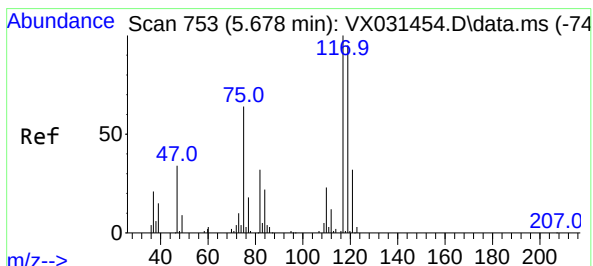
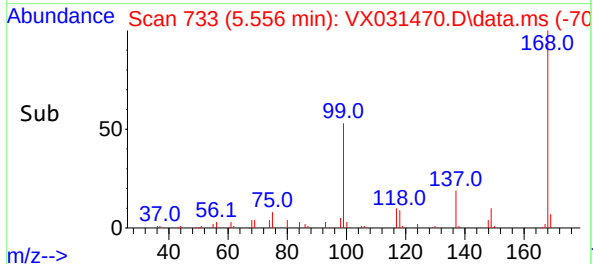
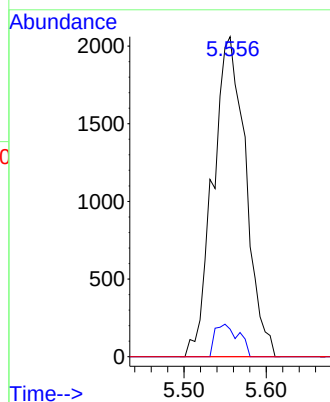
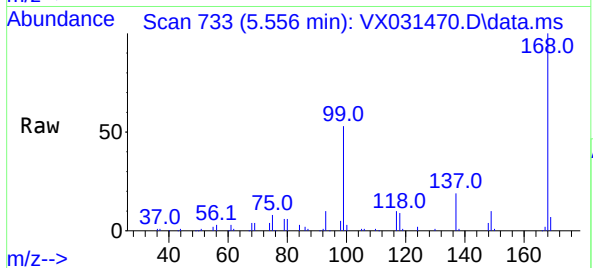




#36
1,1-Dichloropropene
Concen: 3.092 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

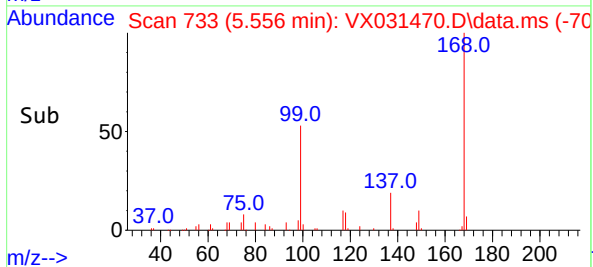
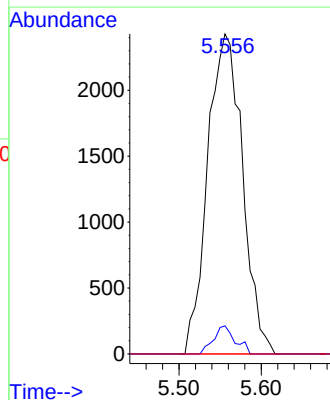
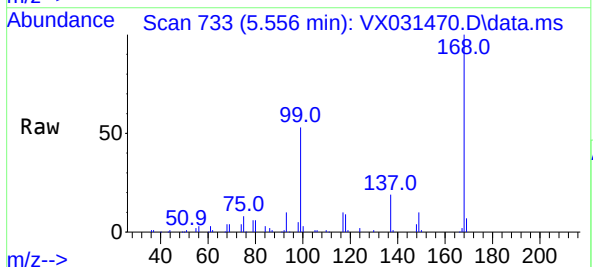
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-148-150RE

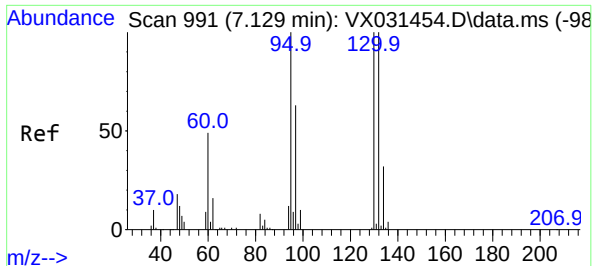
Tgt Ion: 75 Resp: 5686
Ion Ratio Lower Upper
75 100
110 7.4 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.510 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

Tgt Ion: 117 Resp: 7154
Ion Ratio Lower Upper
117 100
119 8.8 74.6 112.0#
121 0.0 25.3 37.9#

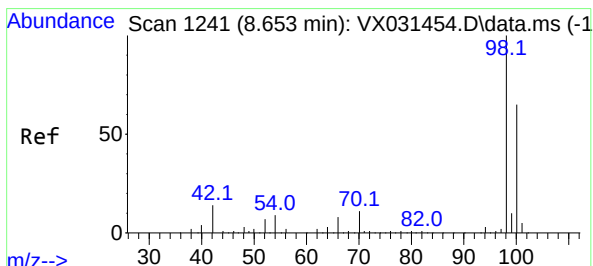
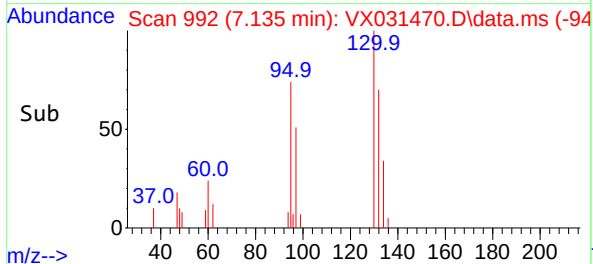
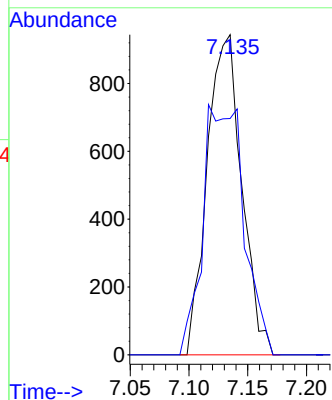
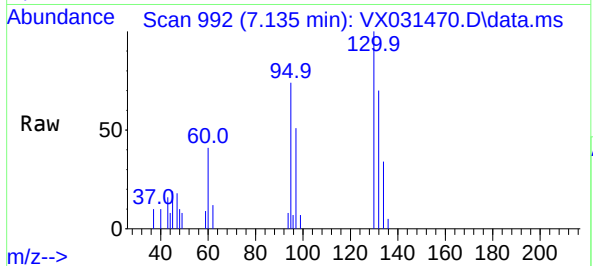




#44
Trichloroethene
Concen: 1.242 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

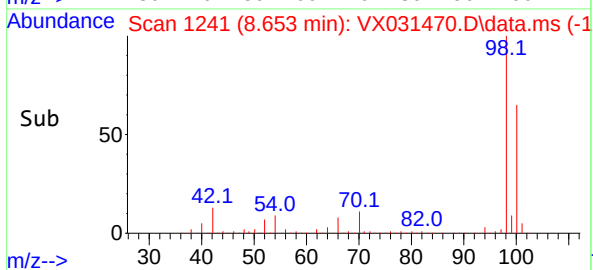
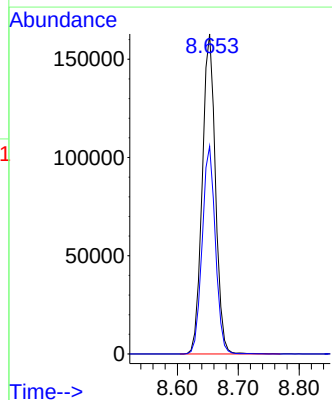
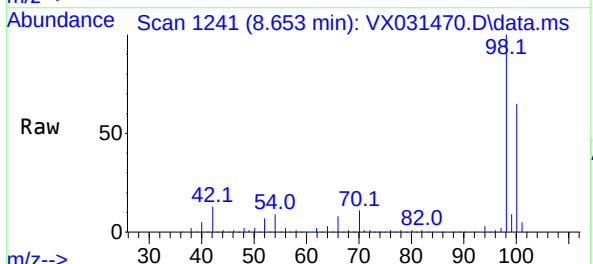
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-148-150RE

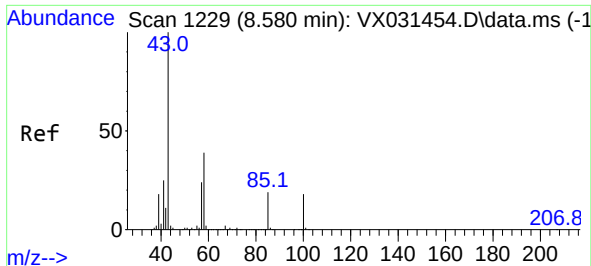
Tgt Ion:130 Resp: 1931
Ion Ratio Lower Upper
130 100
95 73.8 0.0 206.8



#50
Toluene-d8
Concen: 53.205 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

Tgt Ion: 98 Resp: 245205
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7

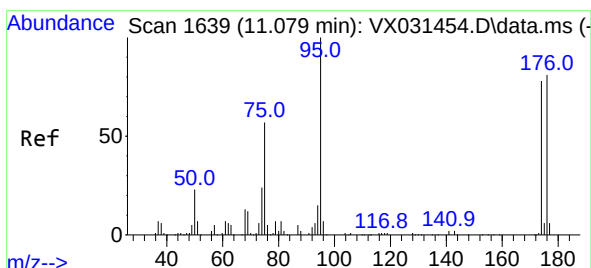
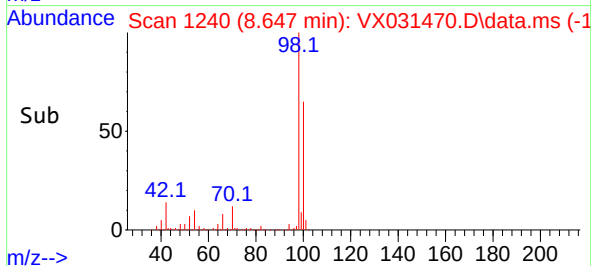
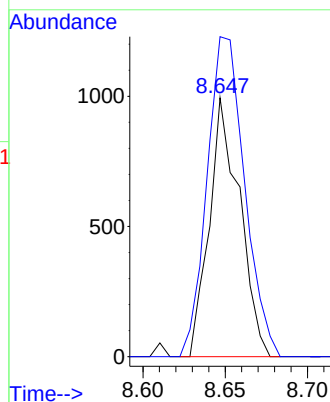
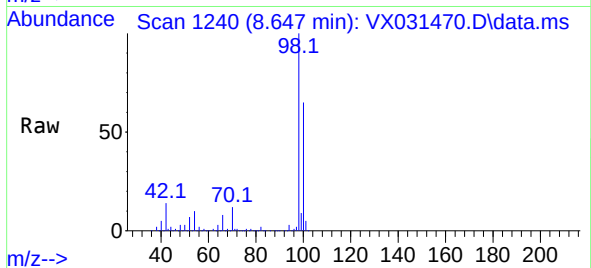




#51
4-Methyl-2-Pentanone
Concen: 0.587 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

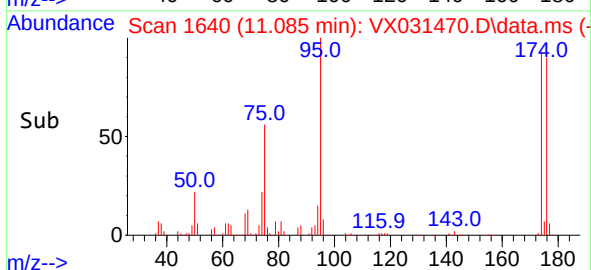
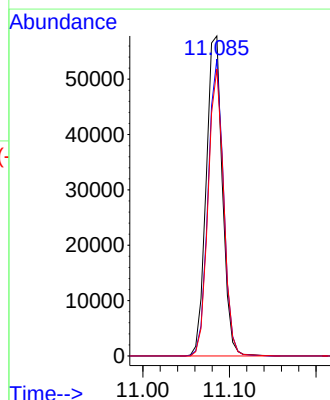
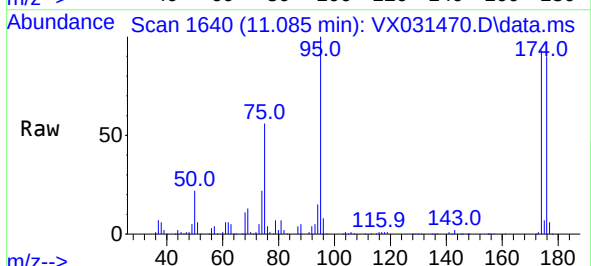
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-148-150RE

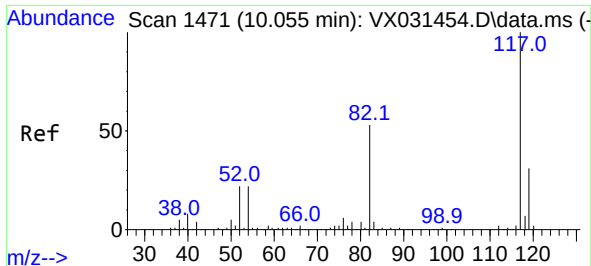
Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 153.5 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 48.203 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

Tgt Ion: 95 Resp: 75250
Ion Ratio Lower Upper
95 100
174 88.3 0.0 153.2
176 85.8 0.0 144.0

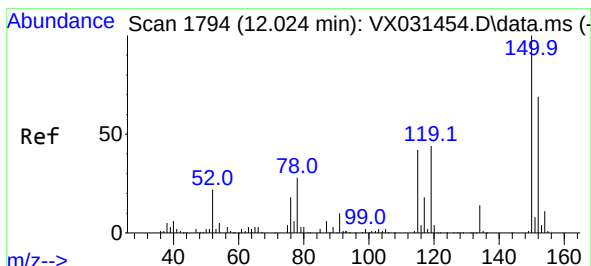
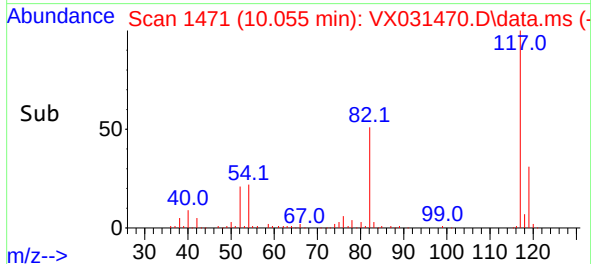
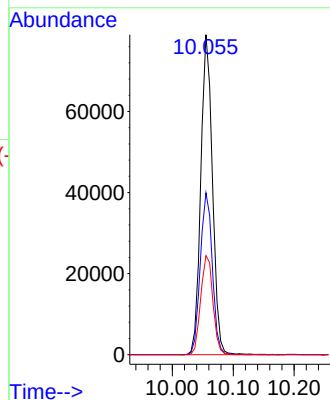
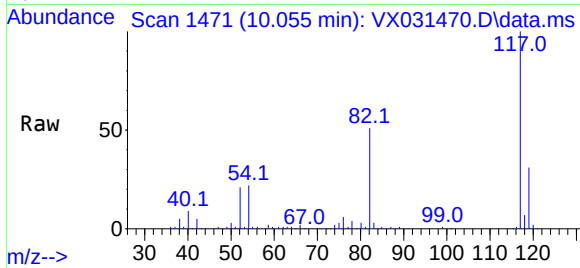




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

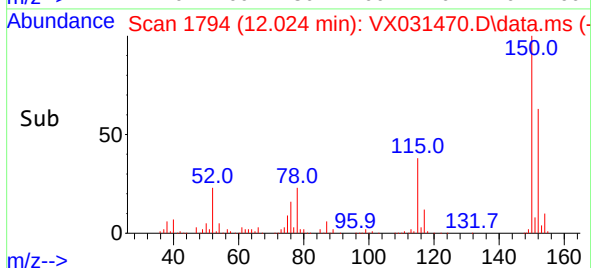
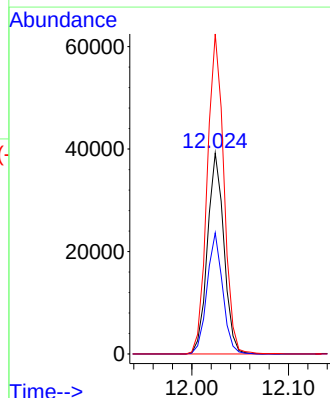
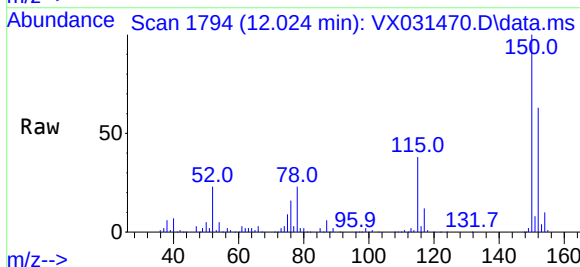
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-148-150RE

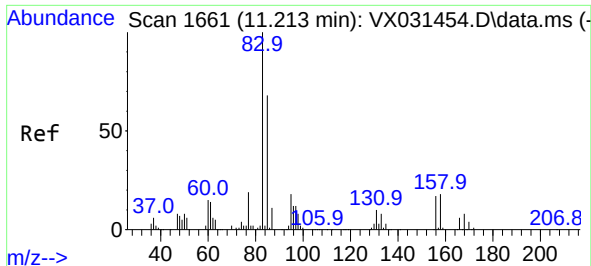
Tgt Ion:117 Resp: 104795
Ion Ratio Lower Upper
117 100
82 50.6 46.8 70.2
119 31.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

Tgt Ion:152 Resp: 46289
Ion Ratio Lower Upper
152 100
115 57.4 43.4 130.1
150 161.2 0.0 346.8

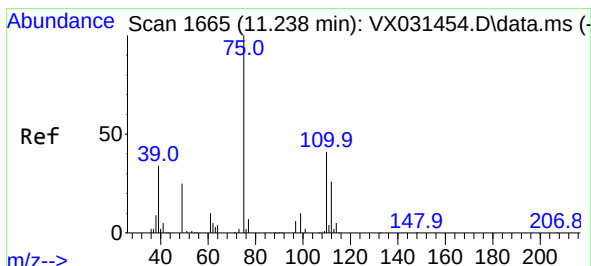
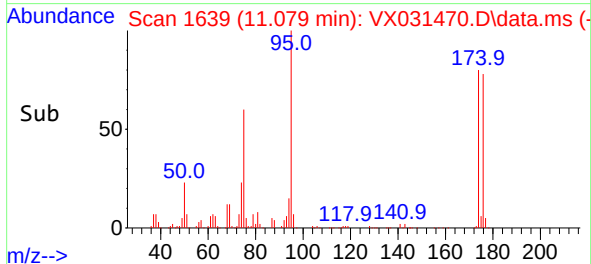
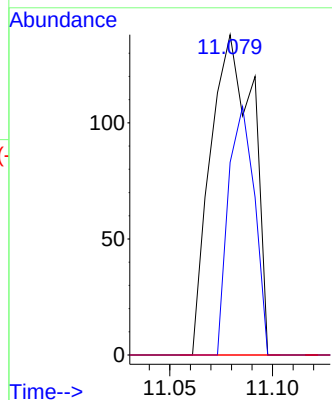
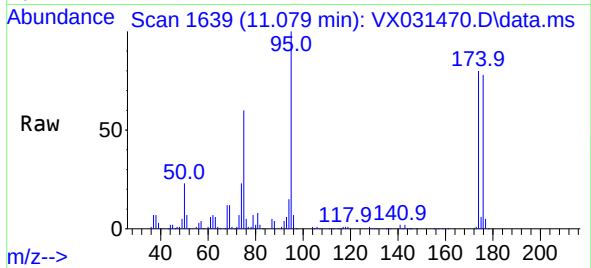




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

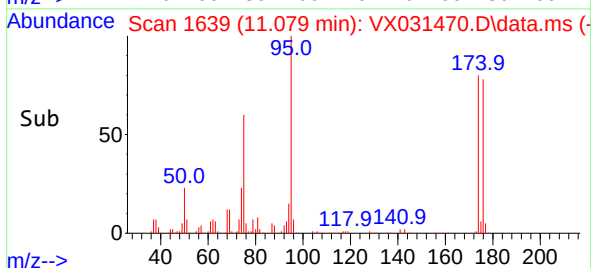
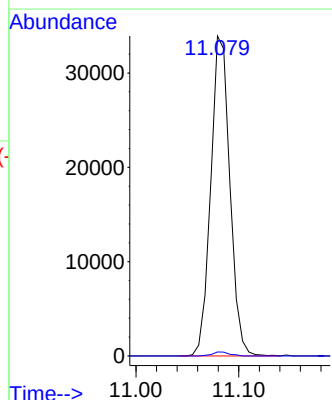
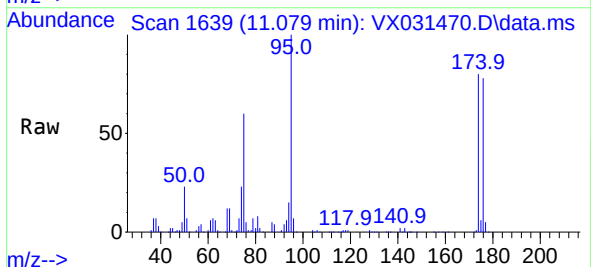
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-GW-148-150RE

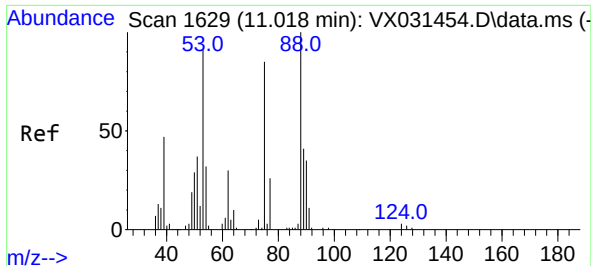
Tgt Ion: 83 Resp: 198
Ion Ratio Lower Upper
83 100
131 47.5 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 42.353 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

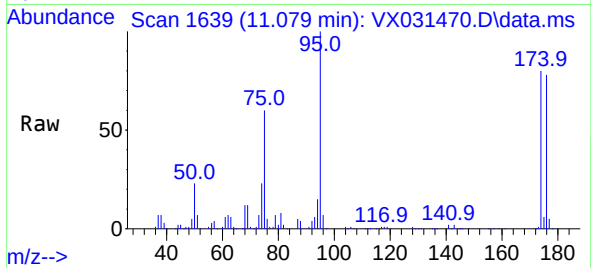
Tgt Ion: 75 Resp: 43756
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 136.371 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031470.D
Acq: 19 Sep 2022 19:13

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-148-150RE



Tgt Ion: 75 Resp: 43756
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

