

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031475.D
 Acq On : 19 Sep 2022 21:10
 Operator : JC/MD
 Sample : N4688-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-TB-20220914RE

Quant Time: Sep 20 09:50:46 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)

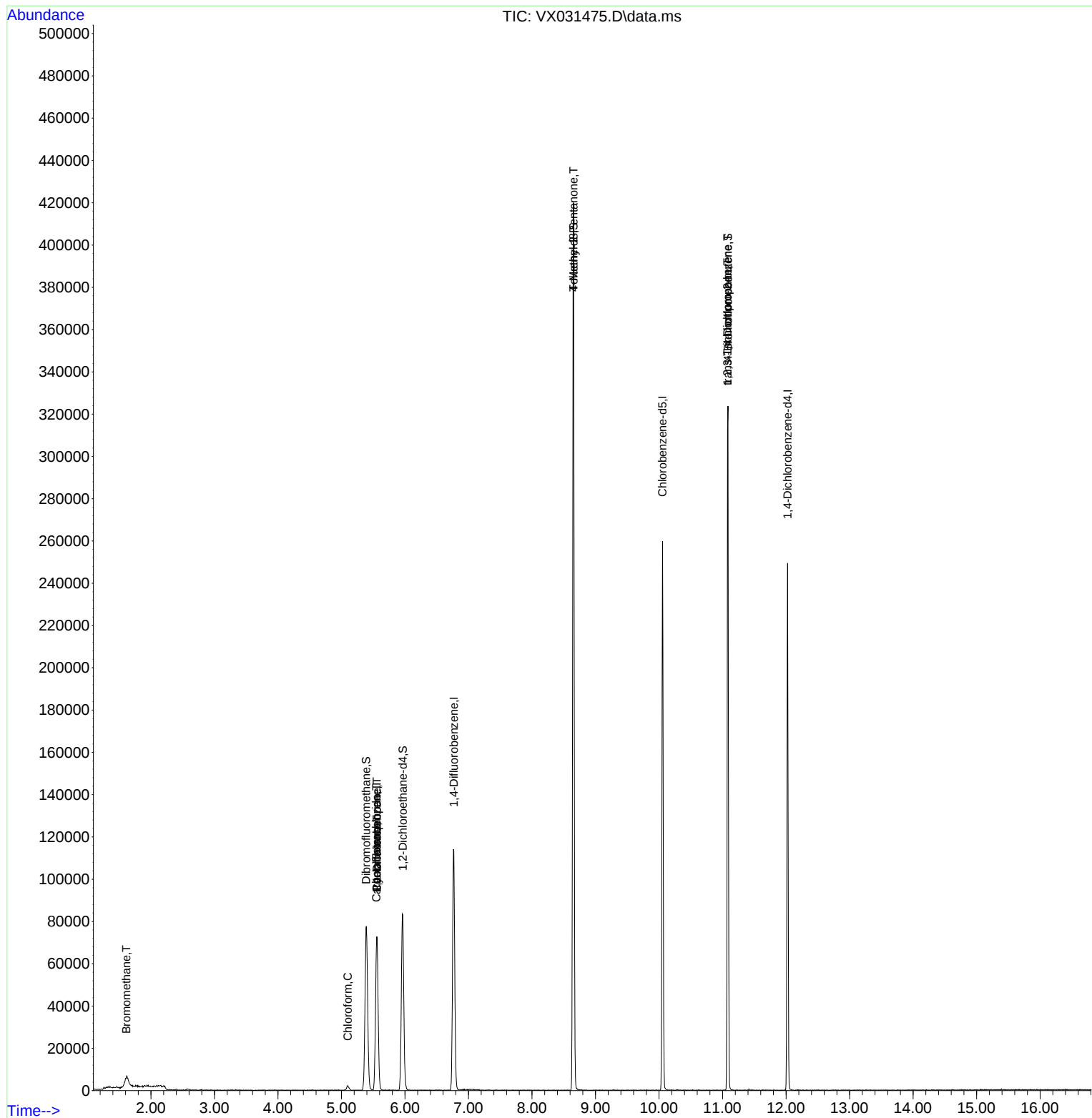
Internal Standards						
1) Pentafluorobenzene	5.556	168	69843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	118056	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	75069	58.686	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.380%			
35) Dibromofluoromethane	5.385	113	64256	52.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.400%			
50) Toluene-d8	8.653	98	238627	50.734	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.460%			
62) 4-Bromofluorobenzene	11.085	95	73803	46.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.640%			
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	489	0.226	ug/l	89
6) Chloroethane	1.678	64	175	Below Cal	#	43
11) Tert butyl alcohol	2.971	59	19	Below Cal	#	73
13) Acrolein	2.184	56	18	Below Cal	#	1
16) Acetone	2.392	43	335	Below Cal	#	45
20) Methylene Chloride	2.788	84	128	Below Cal	#	64
30) Chloroform	5.098	83	2260	0.950	ug/l	98
31) Cyclohexane	5.556	56	1933	1.017	ug/l #	57
36) 1,1-Dichloropropene	5.556	75	5368	2.861	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7152	3.438	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1114	0.503	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.091	83	169	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	43033	39.801	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43033	128.152	ug/l #	11

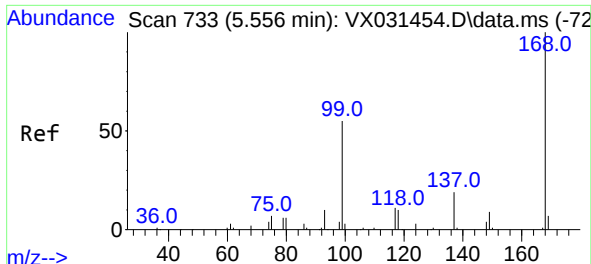
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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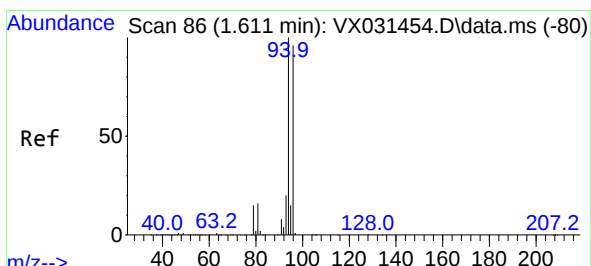
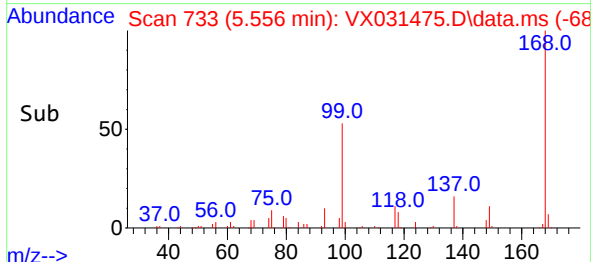
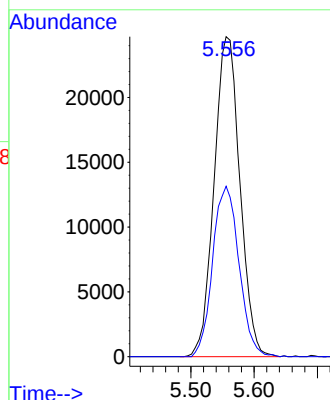
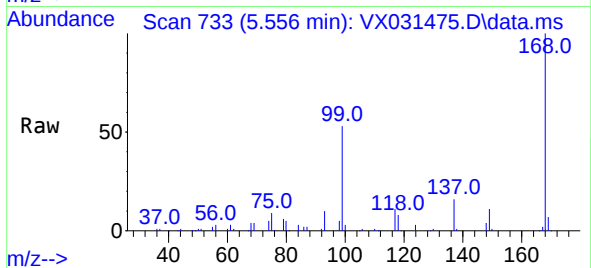




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

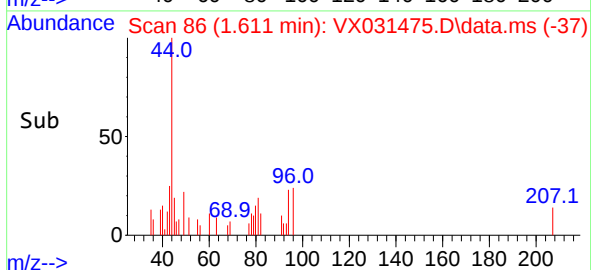
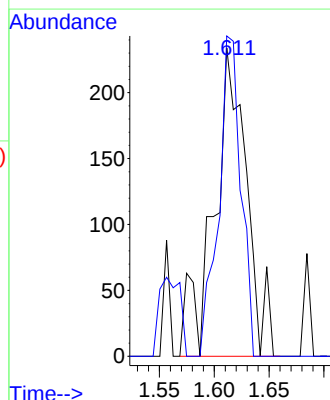
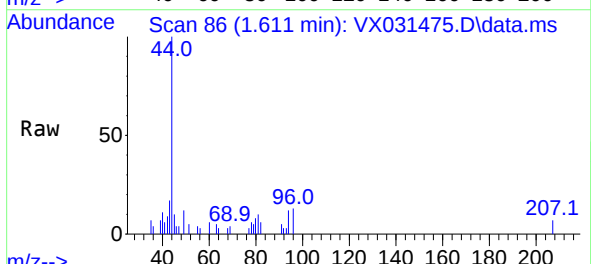
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220914RE

Tgt Ion:168 Resp: 69843
Ion Ratio Lower Upper
168 100
99 53.3 48.8 73.2

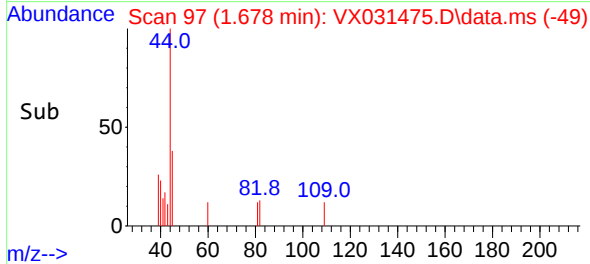
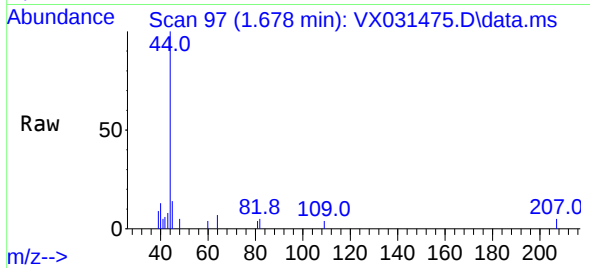
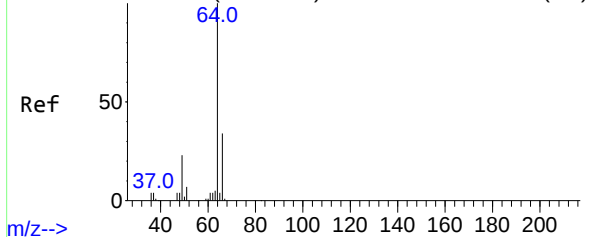


#5
Bromomethane
Concen: 0.226 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

Tgt Ion: 94 Resp: 489
Ion Ratio Lower Upper
94 100
96 103.8 74.4 111.6



Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



#6

Chloroethane

Concen: Below Cal

RT: 1.678 min Scan# 91

Delta R.T. -0.007 min

Lab File: VX031475.D

Acq: 19 Sep 2022 21:10

Instrument :

MSVOA_X

ClientSampleId :

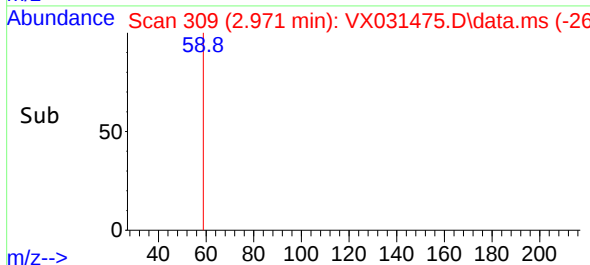
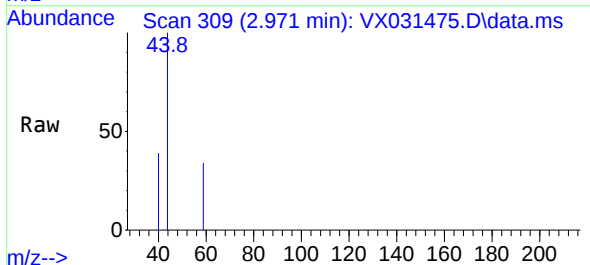
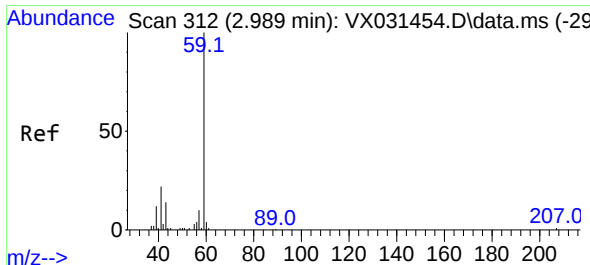
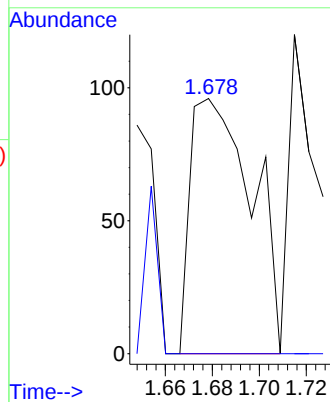
BP-VPB-RW5-TB-20220914RE

Tgt Ion: 64 Resp: 175

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.971 min Scan# 309

Delta R.T. -0.018 min

Lab File: VX031475.D

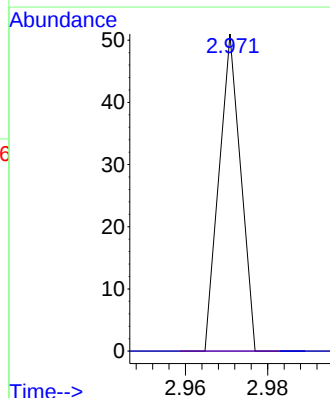
Acq: 19 Sep 2022 21:10

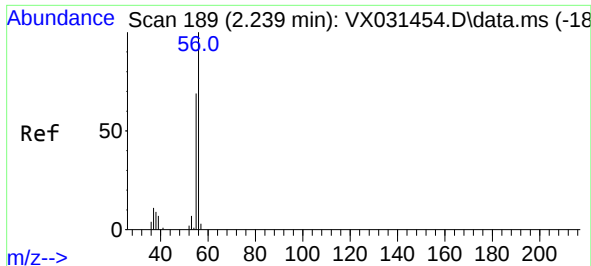
Tgt Ion: 59 Resp: 19

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.184 min Scan# 11

Delta R.T. -0.055 min

Lab File: VX031475.D

Acq: 19 Sep 2022 21:10

Instrument :

MSVOA_X

ClientSampleId :

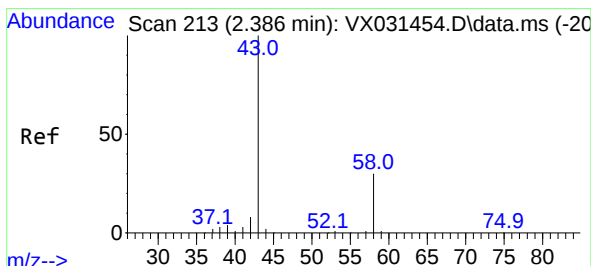
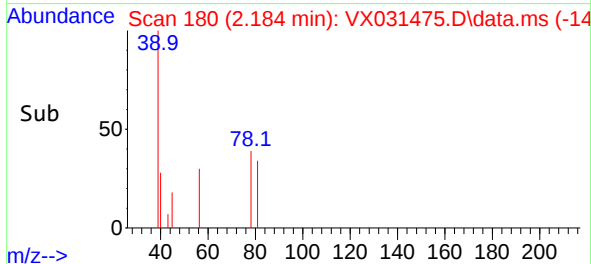
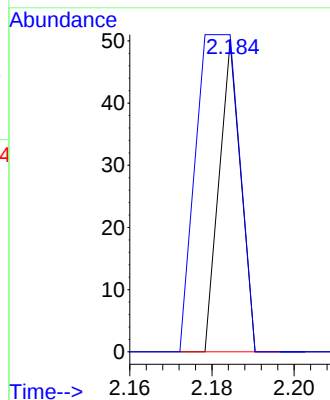
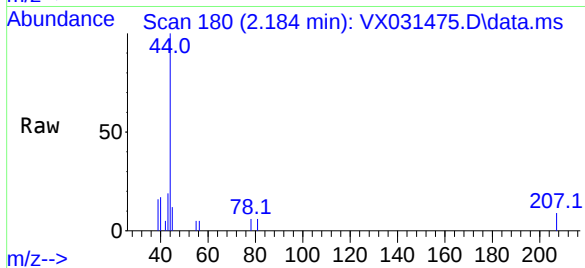
BP-VPB-RW5-TB-20220914RE

Tgt Ion: 56 Resp: 18

Ion Ratio Lower Upper

56 100

55 205.6 56.0 84.0#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031475.D

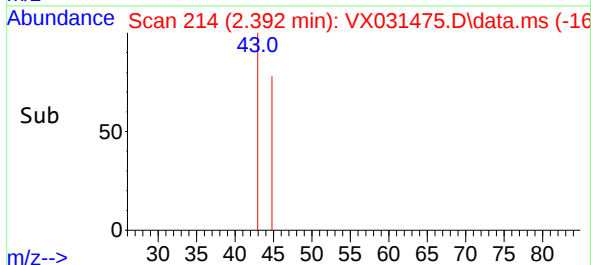
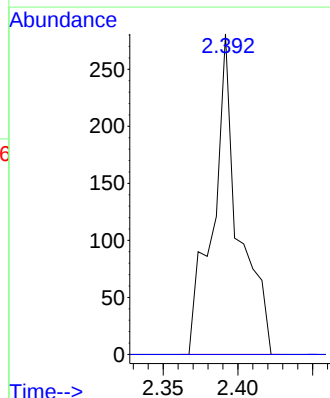
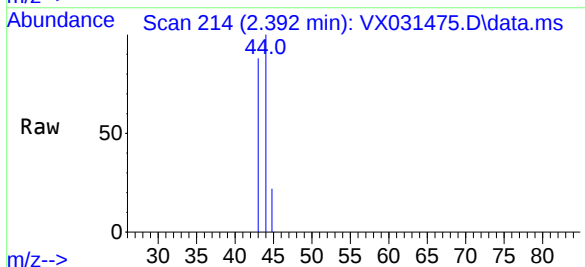
Acq: 19 Sep 2022 21:10

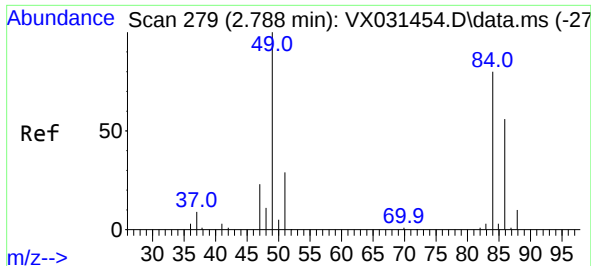
Tgt Ion: 43 Resp: 335

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX031475.D

Acq: 19 Sep 2022 21:10

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-TB-20220914RE

Tgt Ion: 84 Resp: 128

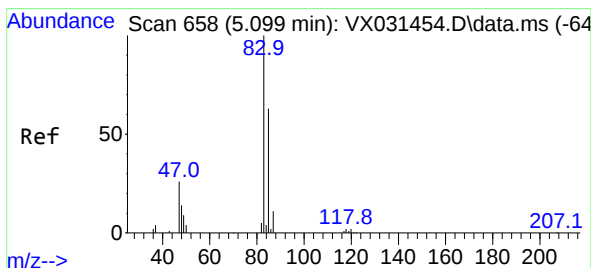
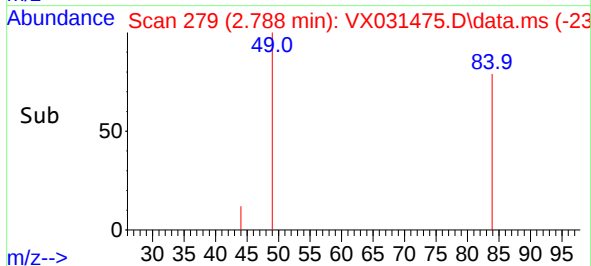
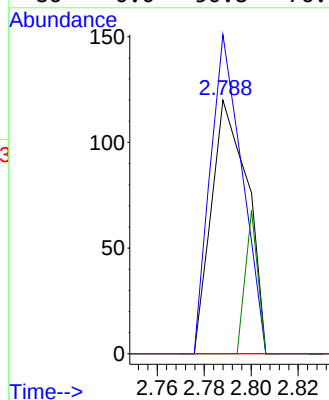
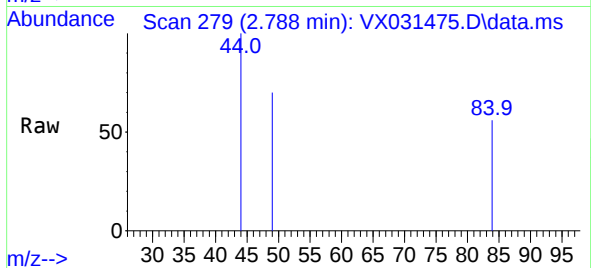
Ion Ratio Lower Upper

84 100

49 125.8 105.9 158.9

51 0.0 32.2 48.2#

86 0.0 50.8 76.2#



#30

Chloroform

Concen: 0.950 ug/l

RT: 5.098 min Scan# 658

Delta R.T. -0.001 min

Lab File: VX031475.D

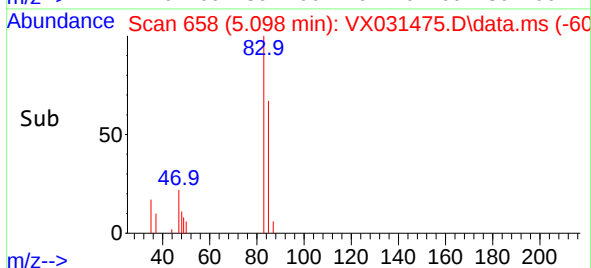
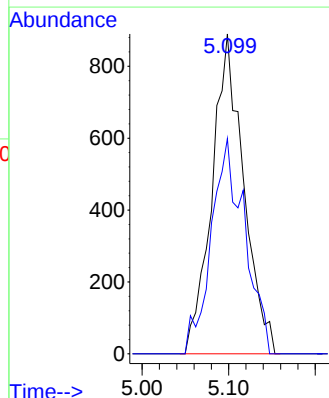
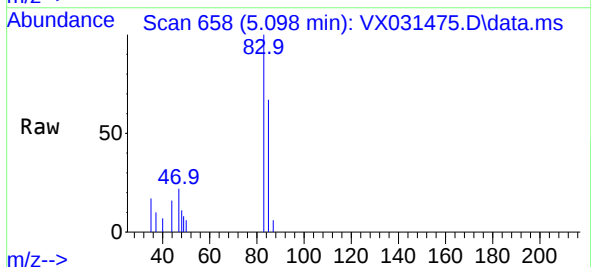
Acq: 19 Sep 2022 21:10

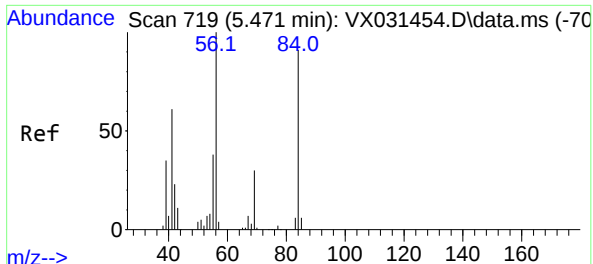
Tgt Ion: 83 Resp: 2260

Ion Ratio Lower Upper

83 100

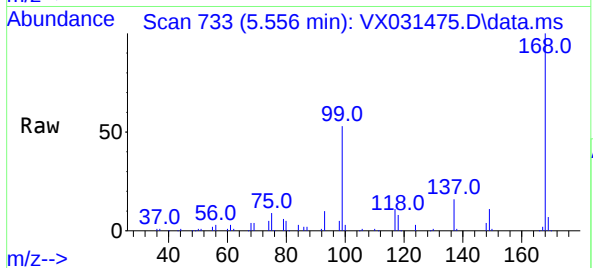
85 67.3 52.8 79.2



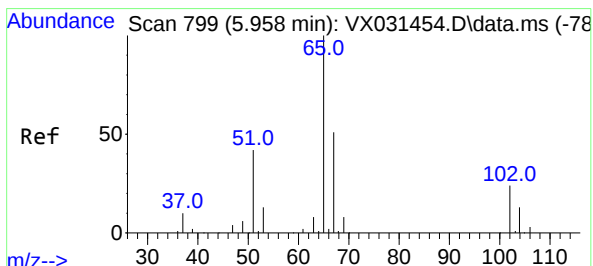
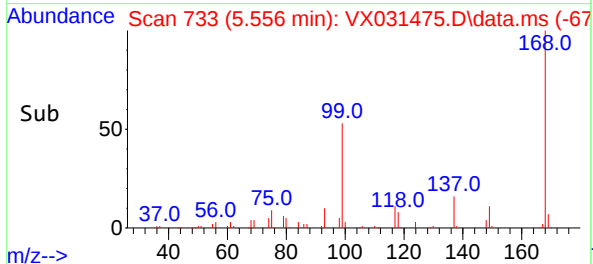
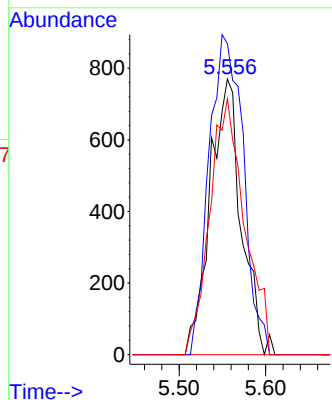


#31
Cyclohexane
Concen: 1.017 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220914RE

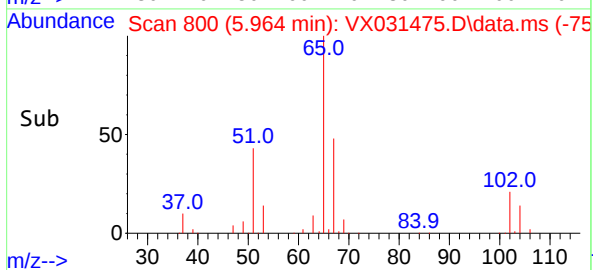
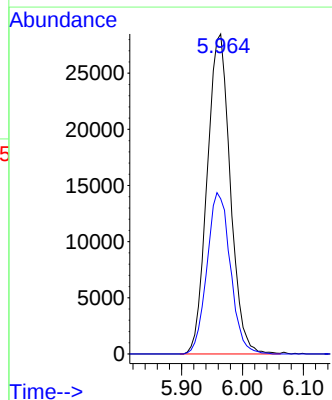
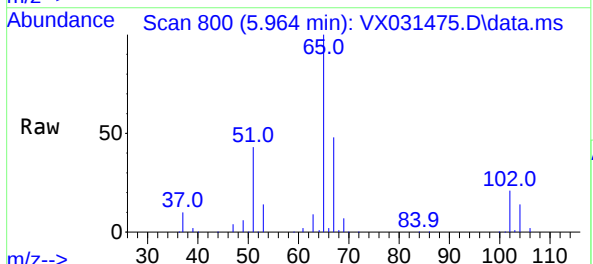


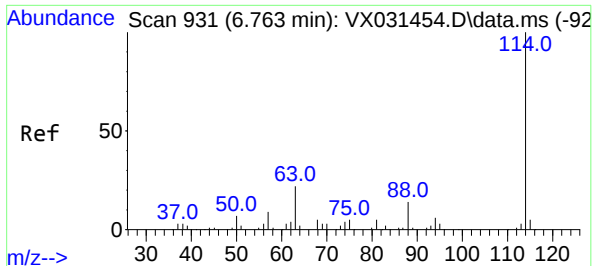
Tgt Ion: 56 Resp: 1933
Ion Ratio Lower Upper
56 100
69 112.9 25.1 37.7#
84 92.9 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 58.686 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

Tgt Ion: 65 Resp: 75069
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.4

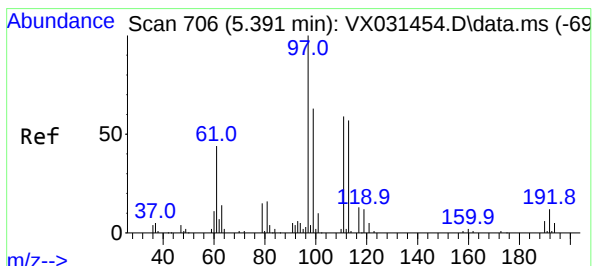
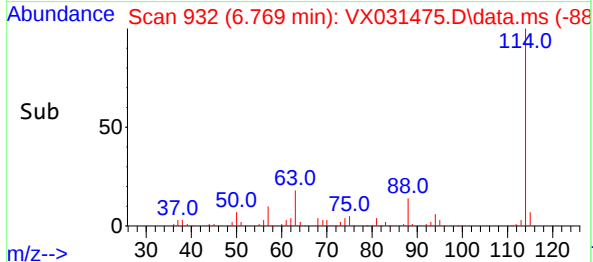
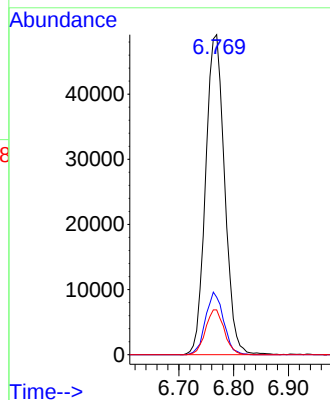
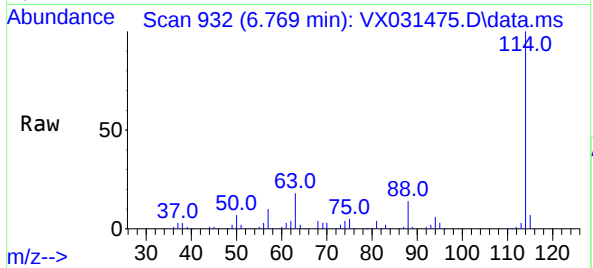




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

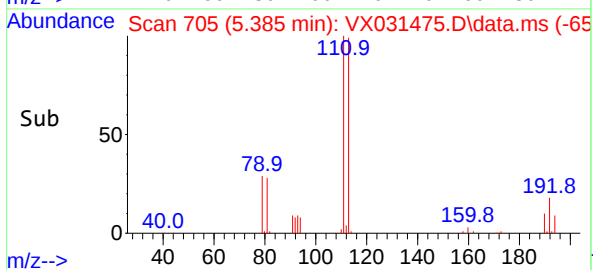
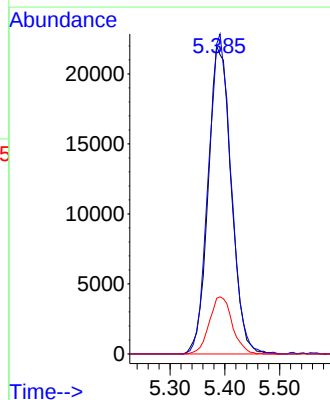
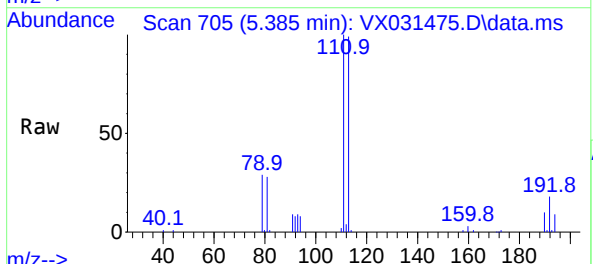
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220914RE

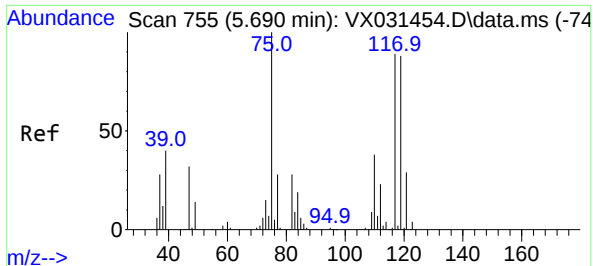
Tgt Ion:114 Resp: 118056
Ion Ratio Lower Upper
114 100
63 17.9 0.0 42.6
88 14.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.698 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

Tgt Ion:113 Resp: 64256
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 18.4 14.1 21.1

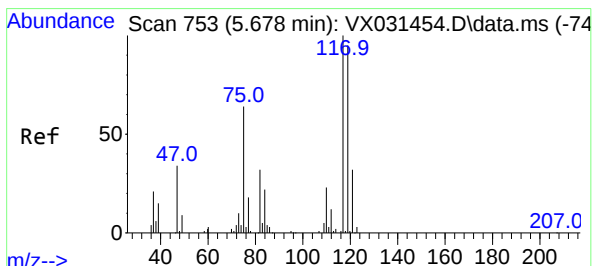
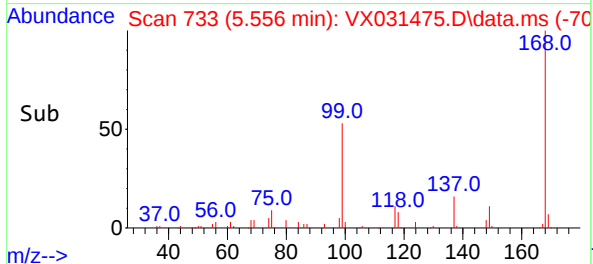
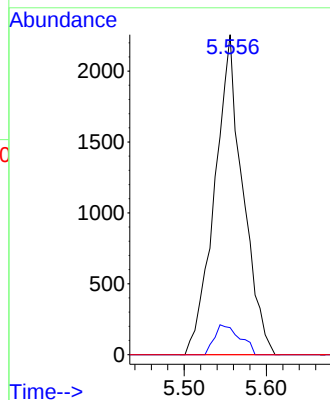
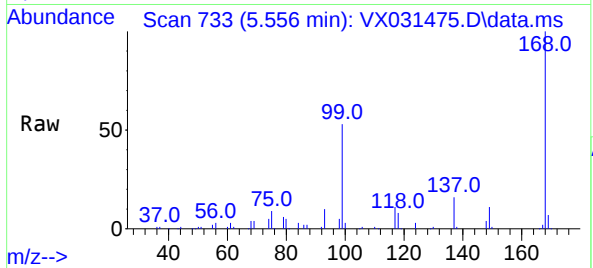




#36
1,1-Dichloropropene
Concen: 2.861 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

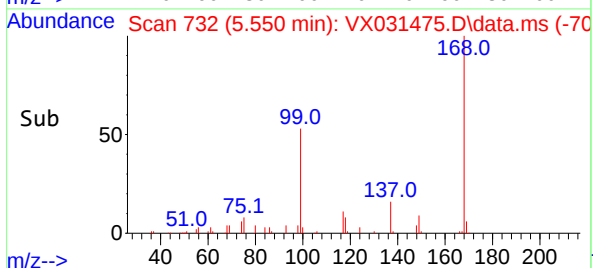
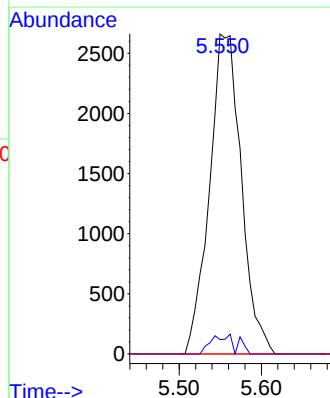
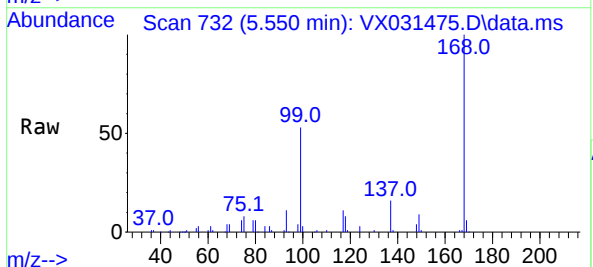
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220914RE

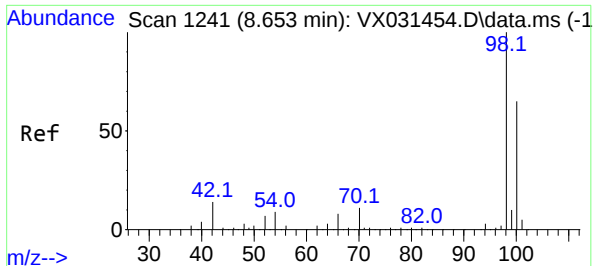
Tgt Ion: 75 Resp: 5368
Ion Ratio Lower Upper
75 100
110 8.4 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.438 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

Tgt Ion: 117 Resp: 7152
Ion Ratio Lower Upper
117 100
119 4.5 74.6 112.0#
121 0.0 25.3 37.9#

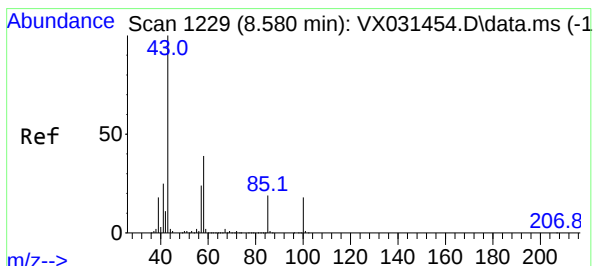
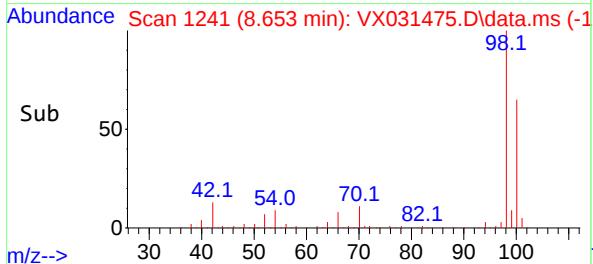
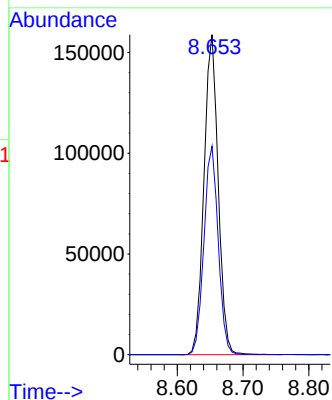
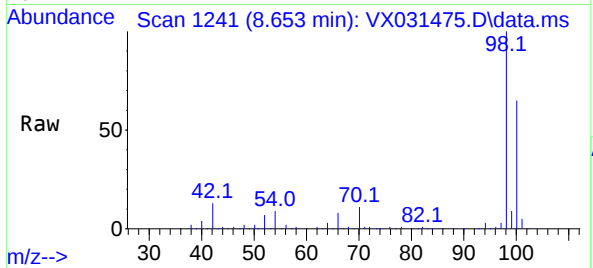




#50
Toluene-d8
Concen: 50.734 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

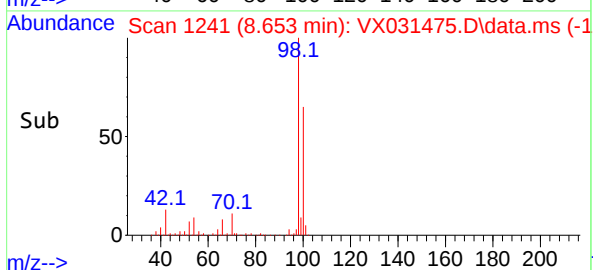
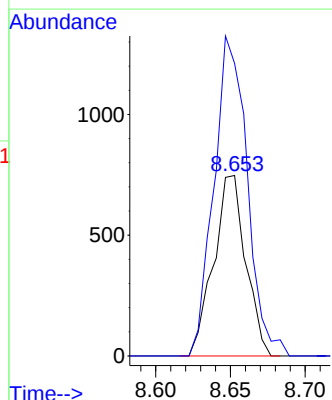
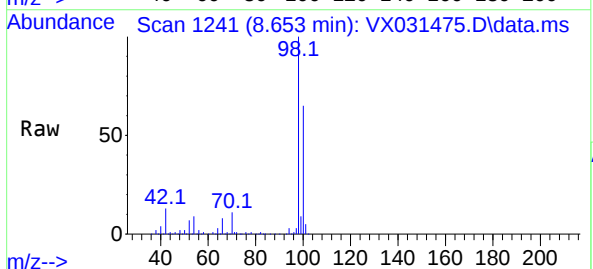
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220914RE

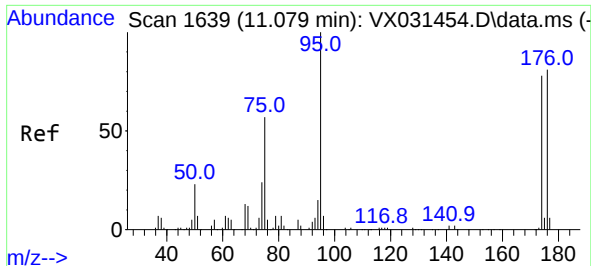
Tgt Ion: 98 Resp: 238627
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

Tgt Ion: 43 Resp: 1114
Ion Ratio Lower Upper
43 100
58 183.8 30.6 46.0#

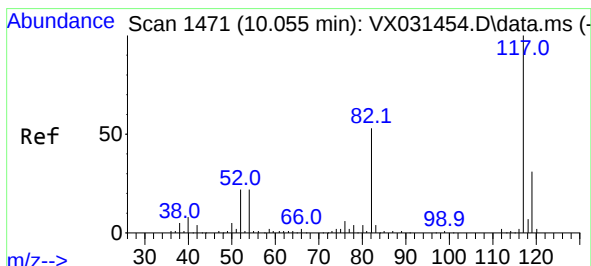
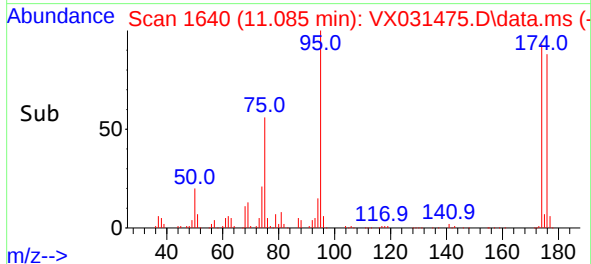
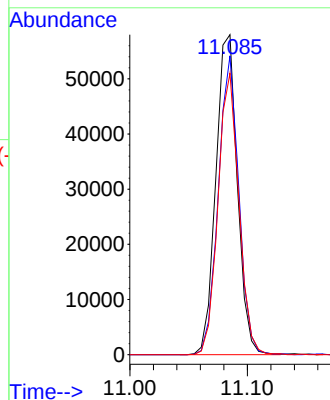
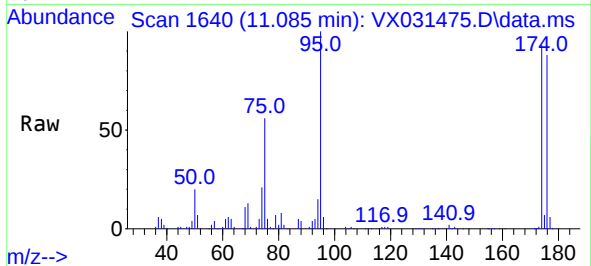




#62
4-Bromofluorobenzene
Concen: 46.324 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

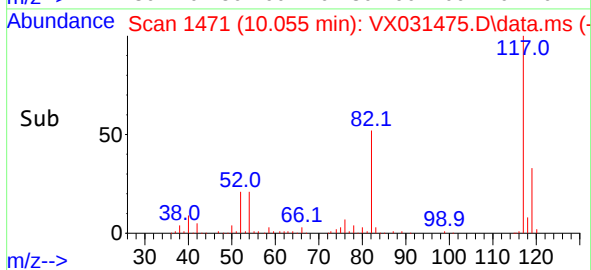
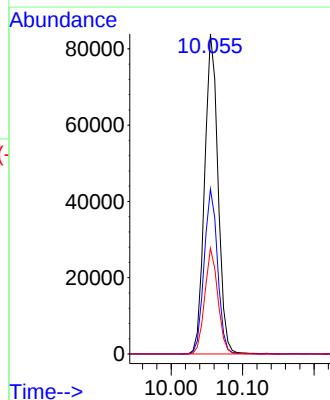
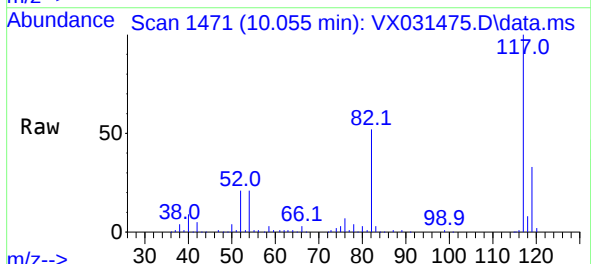
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220914RE

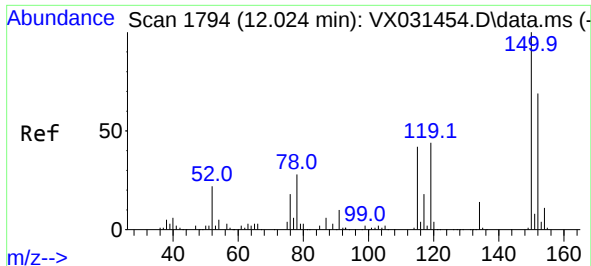
Tgt Ion: 95 Resp: 73803
Ion Ratio Lower Upper
95 100
174 88.8 0.0 153.2
176 85.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

Tgt Ion: 117 Resp: 109544
Ion Ratio Lower Upper
117 100
82 51.5 46.8 70.2
119 33.1 26.4 39.6

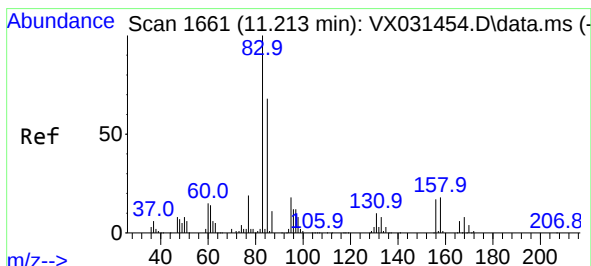
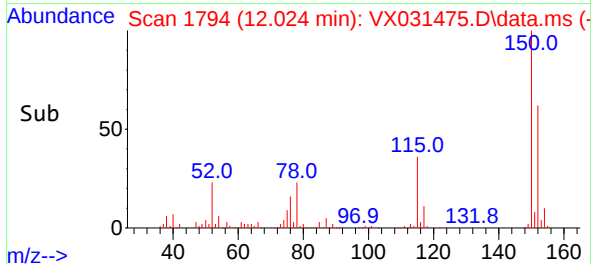
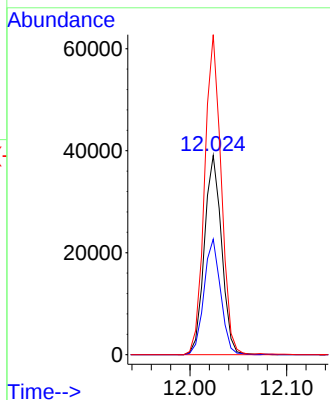
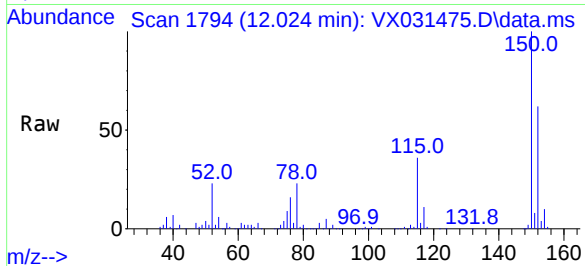




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

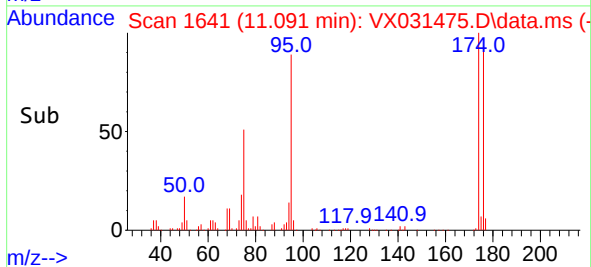
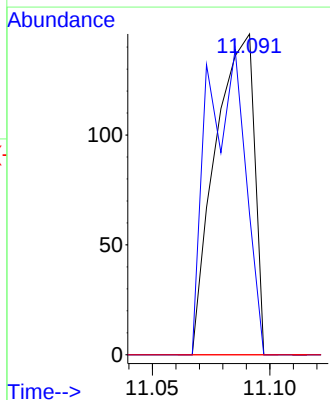
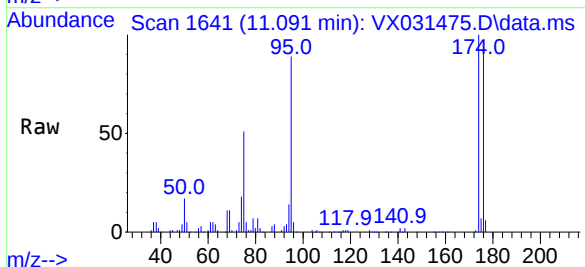
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220914RE

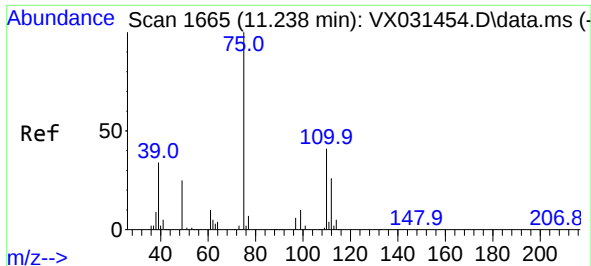
Tgt Ion:152 Resp: 48444
Ion Ratio Lower Upper
152 100
115 56.1 43.4 130.1
150 154.8 0.0 346.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.091 min Scan# 1641
Delta R.T. -0.122 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

Tgt Ion: 83 Resp: 169
Ion Ratio Lower Upper
83 100
131 92.3 5.1 15.4#
85 0.0 32.6 97.8#

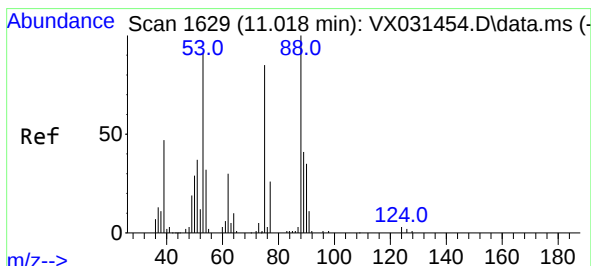
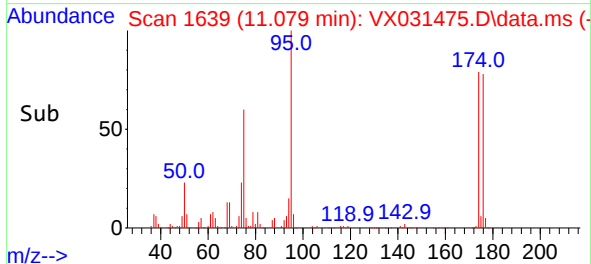
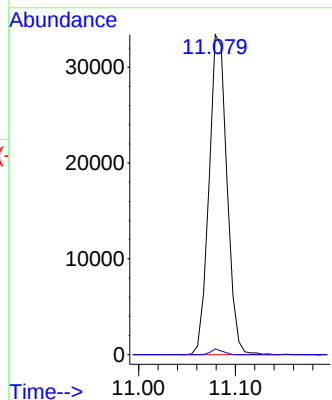
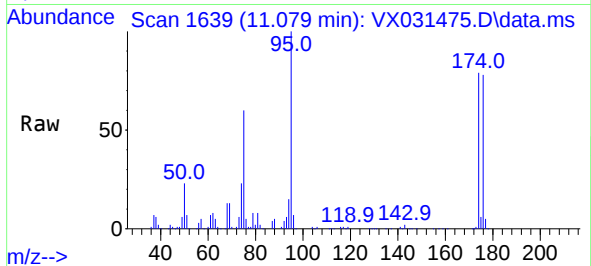




#76
1,2,3-Trichloropropane
Concen: 39.801 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-TB-20220914RE

Tgt Ion: 75 Resp: 43033
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.152 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031475.D
Acq: 19 Sep 2022 21:10

Tgt Ion: 75 Resp: 43033
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

