

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031474.D
 Acq On : 19 Sep 2022 20:47
 Operator : JC/MD
 Sample : N4558-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-EB-20220908RE

Quant Time: Sep 20 09:50:38 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)

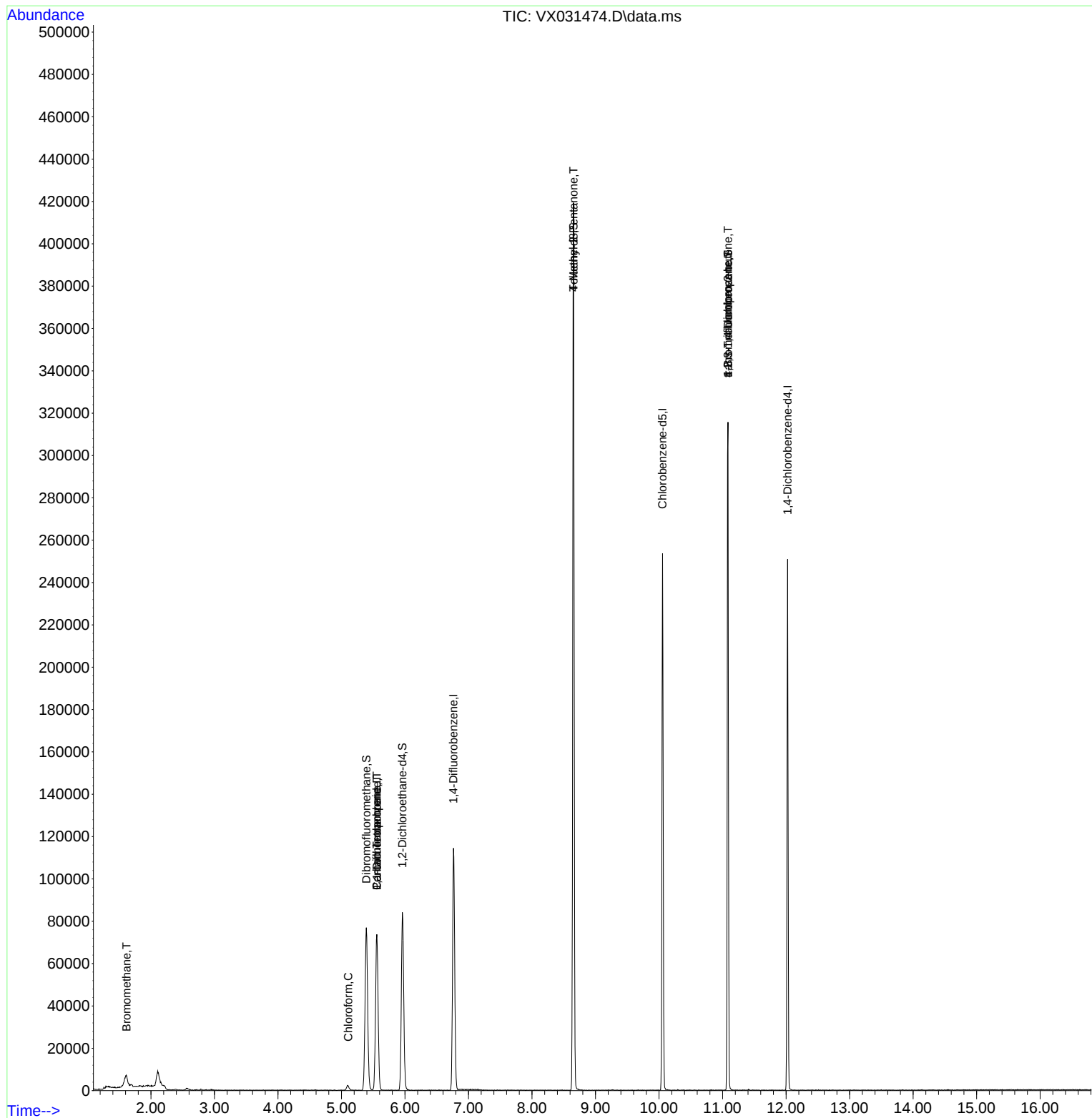
Internal Standards							
1) Pentafluorobenzene		5.556	168	70694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.763	114	115820	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	106801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	47231	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.958	65	73490	56.724	ug/l	0.00
Spiked Amount 50.000		Range	74 - 125	Recovery	= 113.440%		
35) Dibromofluoromethane		5.391	113	61578	51.460	ug/l	0.00
Spiked Amount 50.000		Range	75 - 124	Recovery	= 102.920%		
50) Toluene-d8		8.653	98	233830	50.674	ug/l	0.00
Spiked Amount 50.000		Range	86 - 113	Recovery	= 101.340%		
62) 4-Bromofluorobenzene		11.085	95	71871	45.982	ug/l	0.00
Spiked Amount 50.000		Range	83 - 123	Recovery	= 91.960%		
Target Compounds							
							Qvalue
5) Bromomethane		1.617	94	459	0.210	ug/l #	76
6) Chloroethane		1.684	64	750	Below Cal	#	73
11) Tert butyl alcohol		2.946	59	122	Below Cal	#	73
13) Acrolein		2.184	56	37	Below Cal	#	15
16) Acetone		2.392	43	665	Below Cal	#	81
20) Methylene Chloride		2.800	84	183	Below Cal	#	83
30) Chloroform		5.105	83	2506	1.041	ug/l #	76
36) 1,1-Dichloropropene		5.556	75	5672	3.081	ug/l #	51
38) Carbon Tetrachloride		5.556	117	6911	3.387	ug/l #	18
51) 4-Methyl-2-Pentanone		8.653	43	1242	0.572	ug/l #	1
75) 1,1,2,2-Tetrachloroethane		11.079	83	96	Below Cal	#	1
76) 1,2,3-Trichloropropane		11.085	75	42107	39.944	ug/l #	37
81) trans-1,4-Dichloro-2-b...		11.085	75	42107	128.615	ug/l #	11

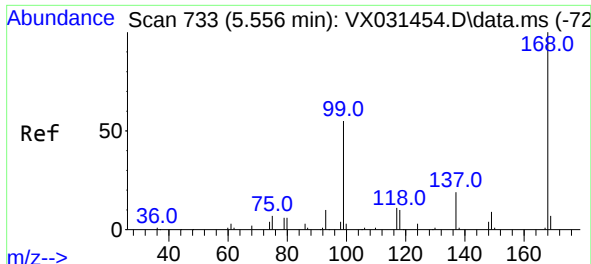
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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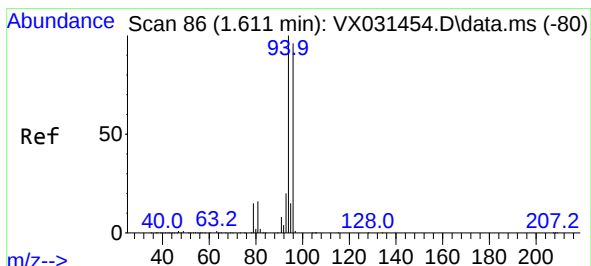
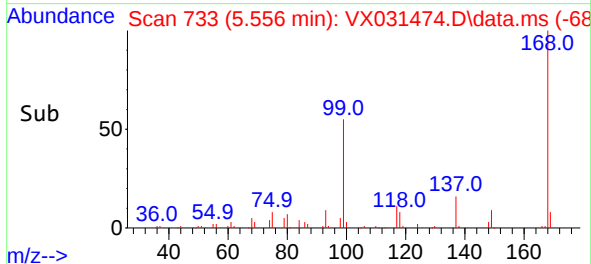
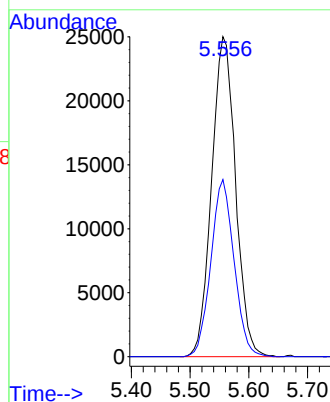
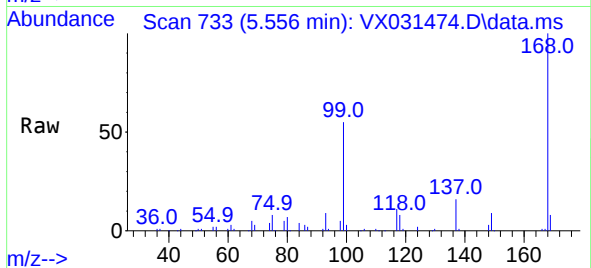




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

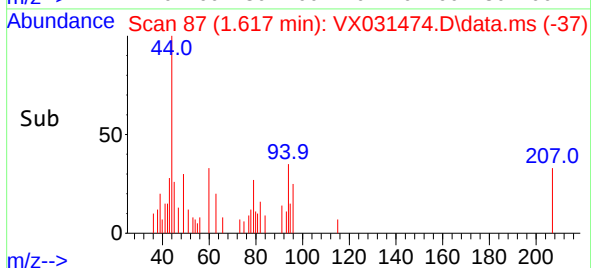
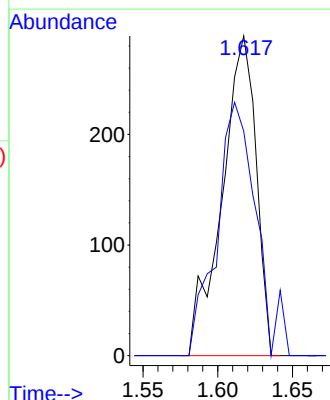
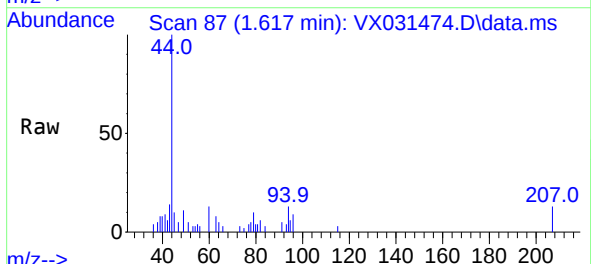
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220908RE

Tgt Ion:168 Resp: 70694
Ion Ratio Lower Upper
168 100
99 55.3 48.8 73.2

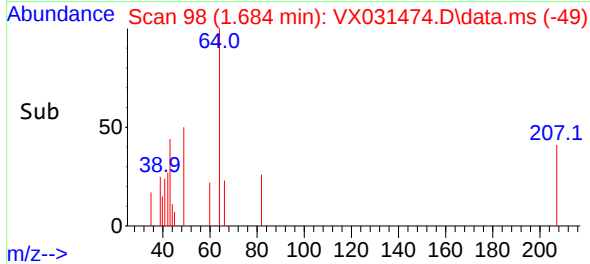
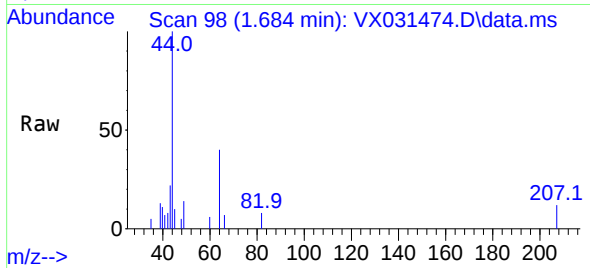
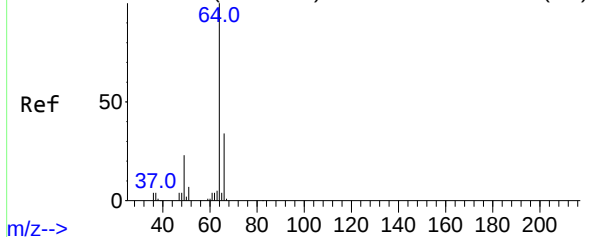


#5
Bromomethane
Concen: 0.210 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

Tgt Ion: 94 Resp: 459
Ion Ratio Lower Upper
94 100
96 70.2 74.4 111.6#



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



#6

Chloroethane

Concen: Below Cal

RT: 1.684 min Scan# 91

Delta R.T. -0.001 min

Lab File: VX031474.D

Acq: 19 Sep 2022 20:47

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-EB-20220908RE

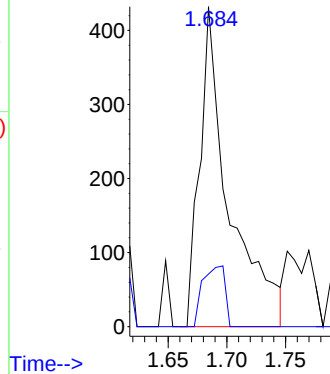
Tgt Ion: 64 Resp: 750

Ion Ratio Lower Upper

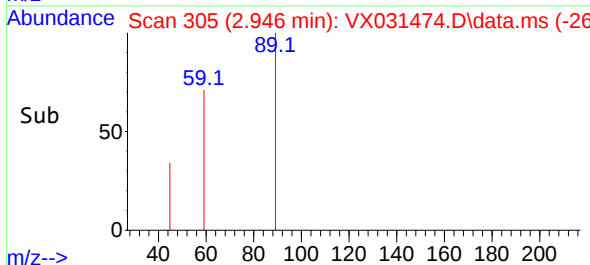
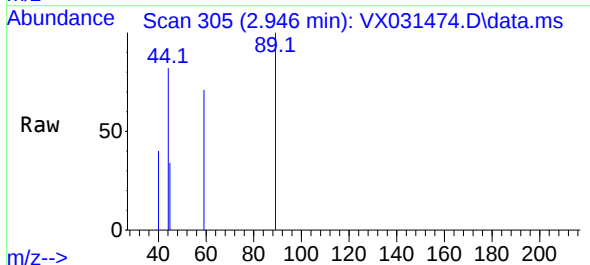
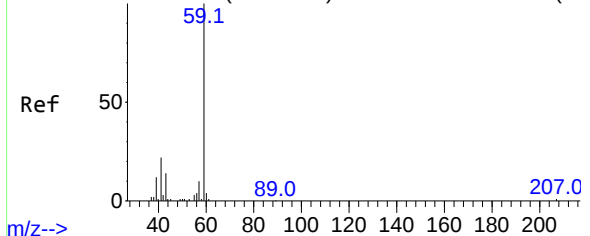
64 100

66 16.4 25.0 37.4#

Abundance



Abundance Scan 312 (2.989 min): VX031454.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 305

Delta R.T. -0.043 min

Lab File: VX031474.D

Acq: 19 Sep 2022 20:47

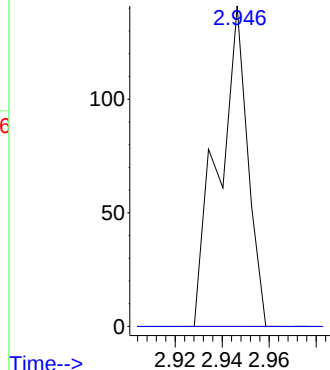
Tgt Ion: 59 Resp: 122

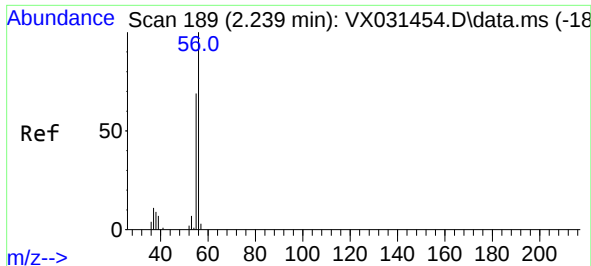
Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#

Abundance





#13

Acrolein

Concen: Below Cal

RT: 2.184 min Scan# 11

Delta R.T. -0.055 min

Lab File: VX031474.D

Acq: 19 Sep 2022 20:47

Instrument :

MSVOA_X

ClientSampleId :

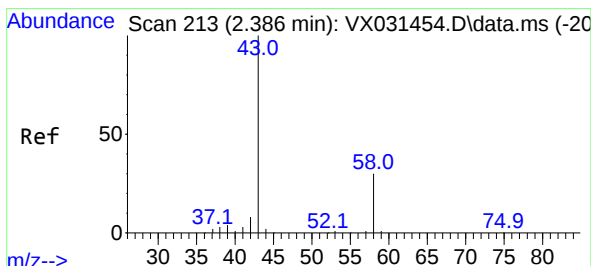
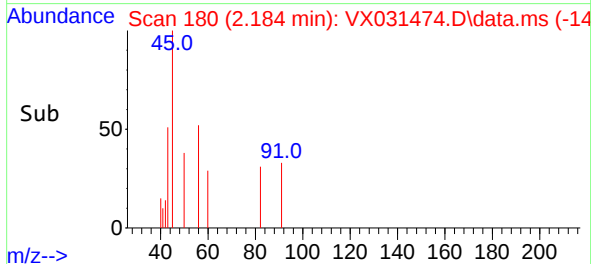
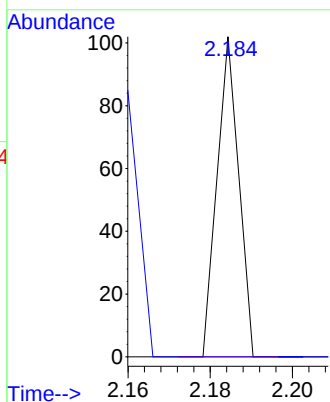
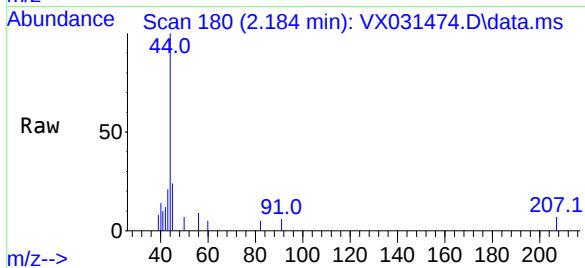
BP-VPB-RW5-EB-20220908RE

Tgt Ion: 56 Resp: 37

Ion Ratio Lower Upper

56 100

55 0.0 56.0 84.0#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031474.D

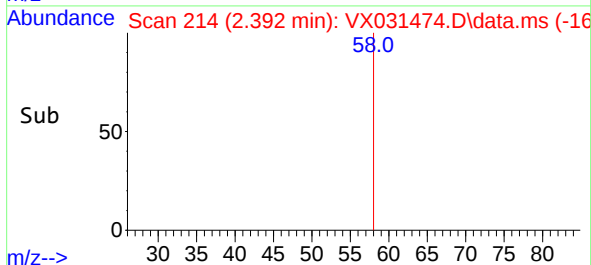
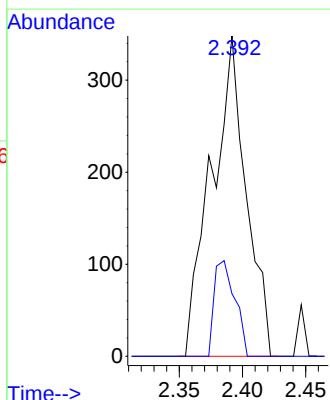
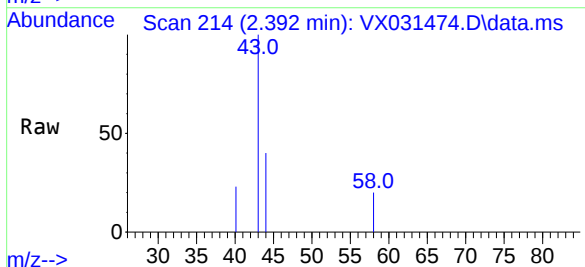
Acq: 19 Sep 2022 20:47

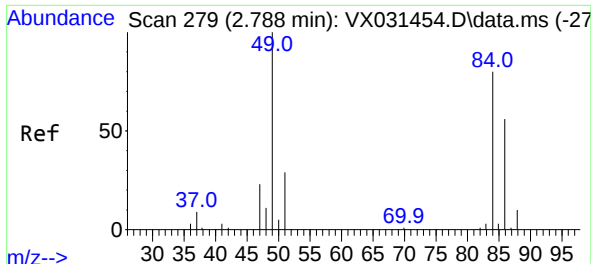
Tgt Ion: 43 Resp: 665

Ion Ratio Lower Upper

43 100

58 19.5 23.8 35.8#



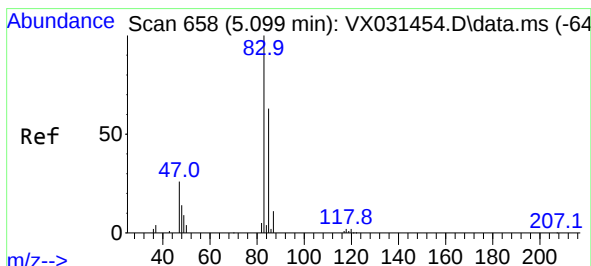
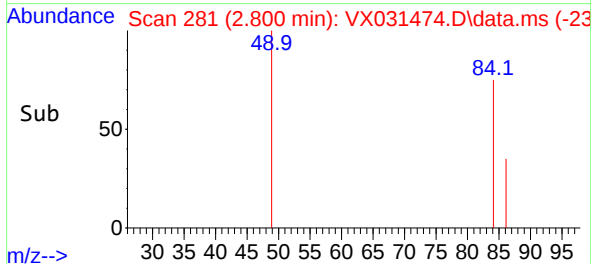
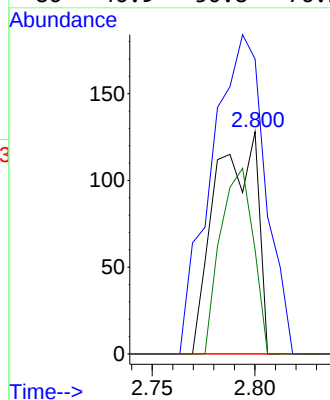
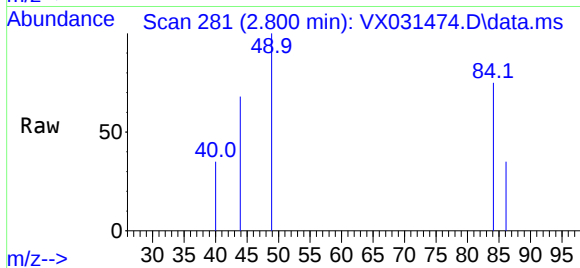


#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220908RE

Tgt Ion: 84 Resp: 183

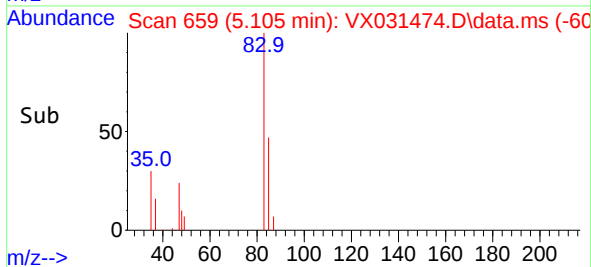
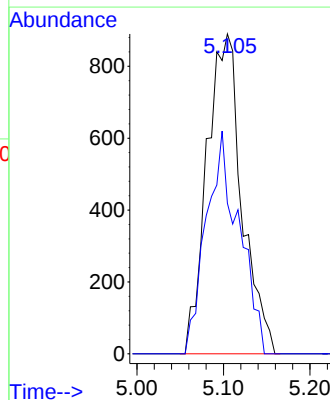
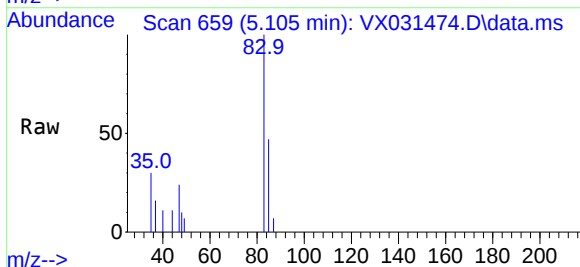
Ion	Ratio	Lower	Upper
84	100		
49	132.8	105.9	158.9
51	0.0	32.2	48.2#
86	46.9	50.8	76.2#

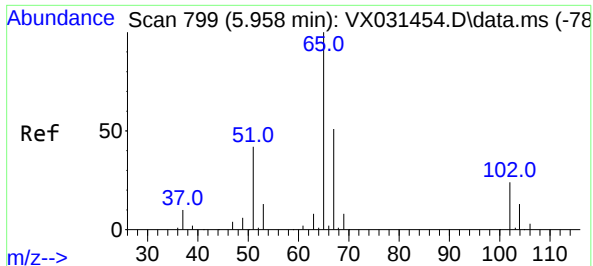


#30
Chloroform
Concen: 1.041 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

Tgt Ion: 83 Resp: 2506

Ion	Ratio	Lower	Upper
83	100		
85	47.1	52.8	79.2#





#33

1,2-Dichloroethane-d4

Concen: 56.724 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031474.D

Acq: 19 Sep 2022 20:47

Instrument :

MSVOA_X

ClientSampleId :

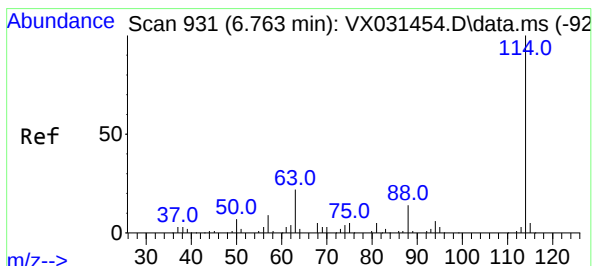
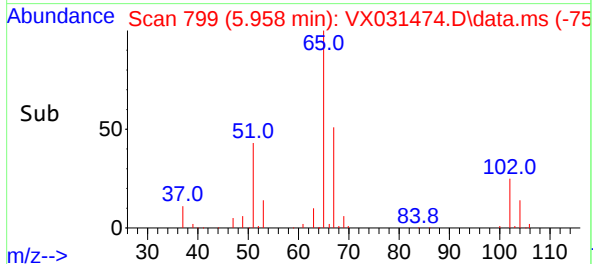
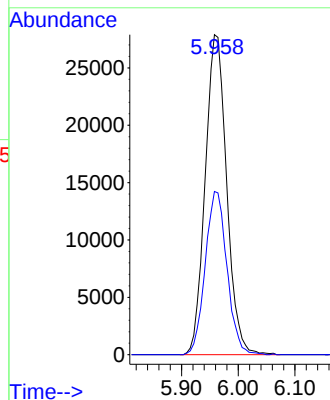
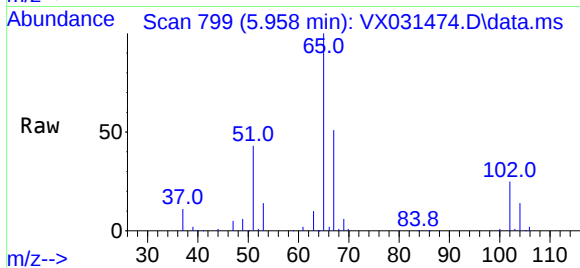
BP-VPB-RW5-EB-20220908RE

Tgt Ion: 65 Resp: 73490

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031474.D

Acq: 19 Sep 2022 20:47

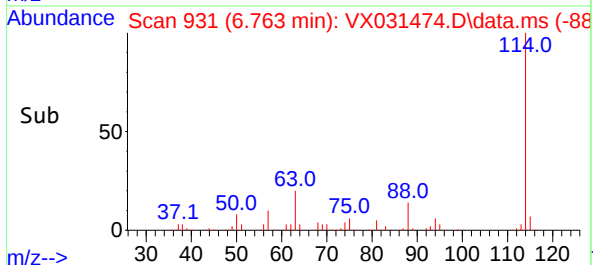
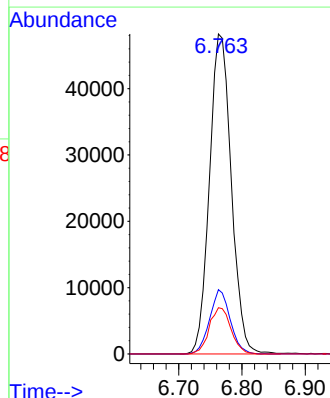
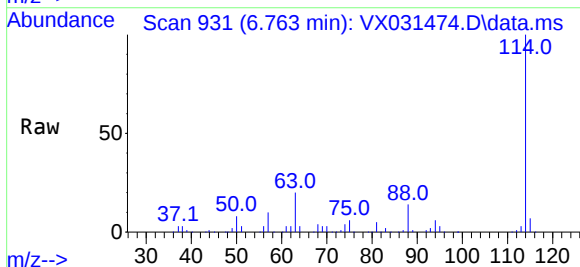
Tgt Ion: 114 Resp: 115820

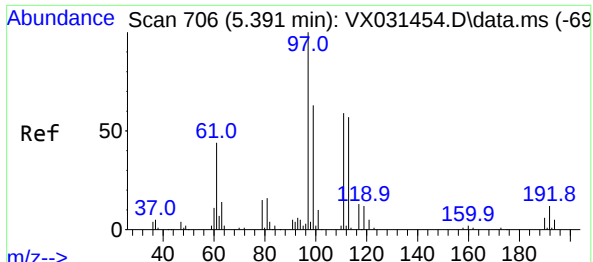
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 14.4 0.0 33.0

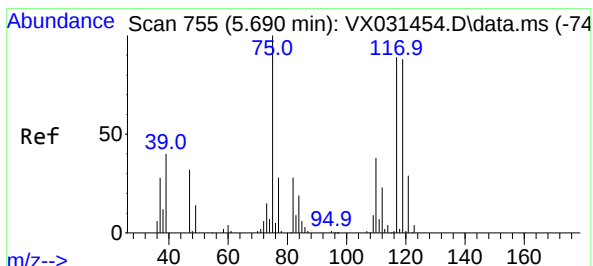
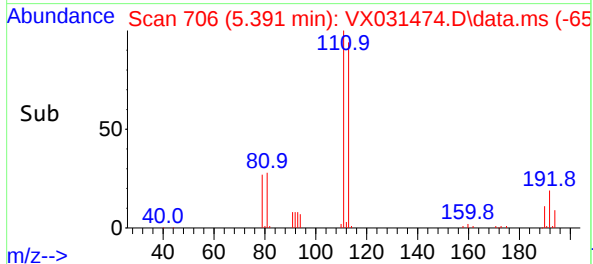
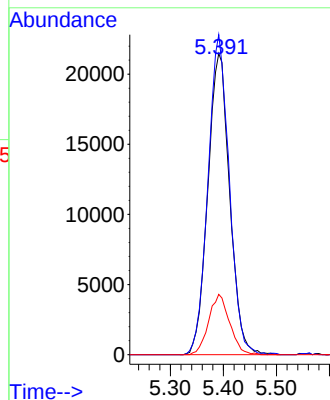
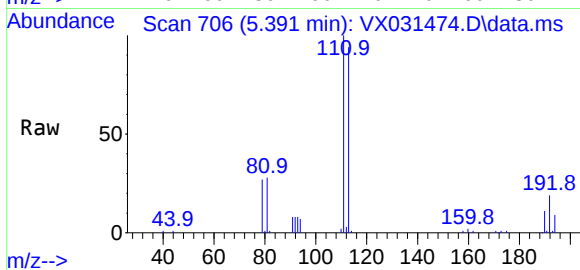




#35
Dibromofluoromethane
Concen: 51.460 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

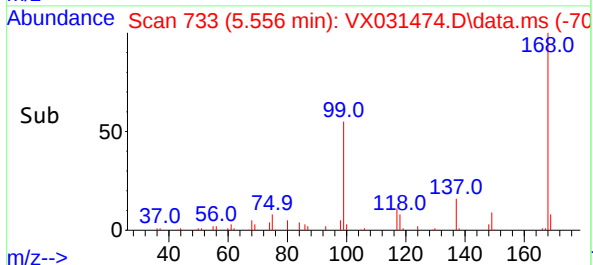
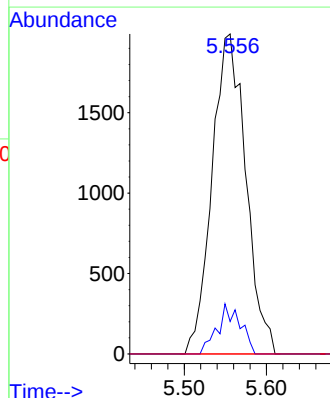
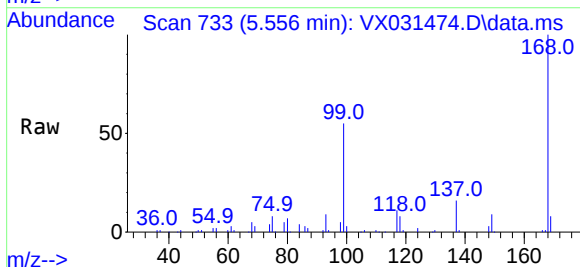
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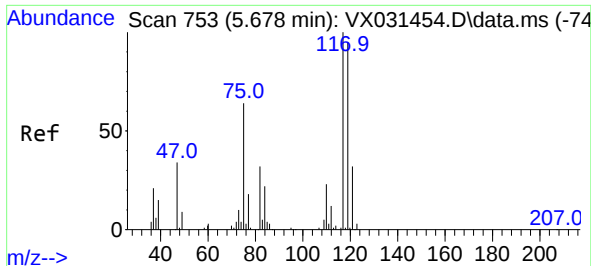
Tgt Ion:113 Resp: 61578
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 19.2 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.081 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

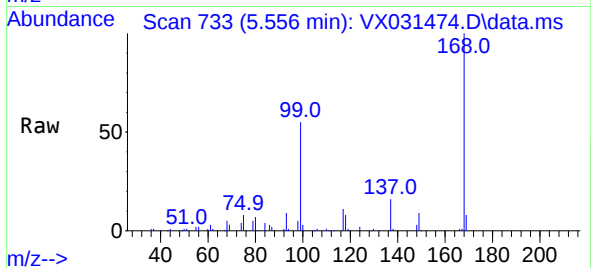
Tgt Ion: 75 Resp: 5672
Ion Ratio Lower Upper
75 100
110 10.6 17.5 52.5#
77 0.0 24.9 37.3#



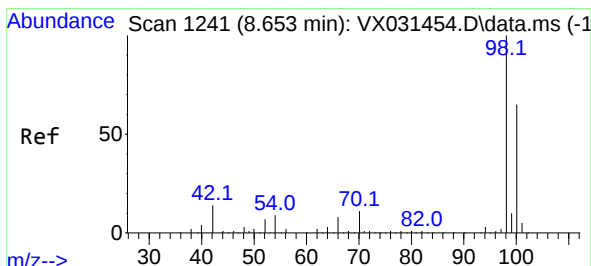
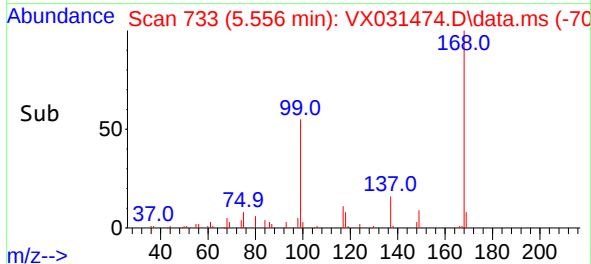
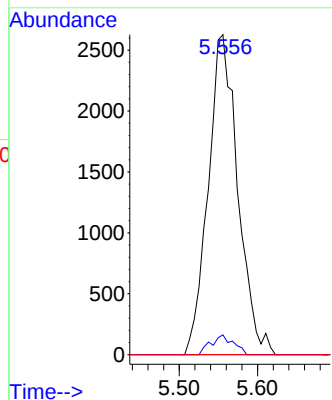


#38
Carbon Tetrachloride
Concen: 3.387 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220908RE

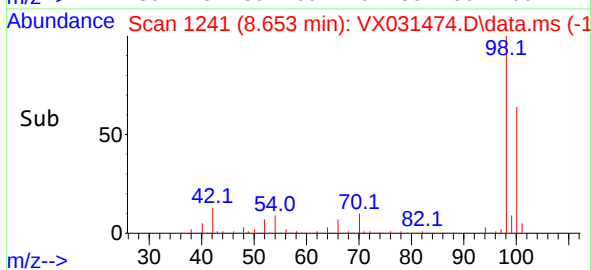
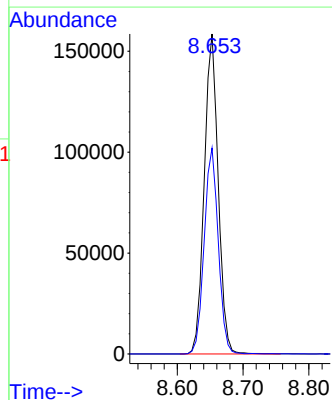
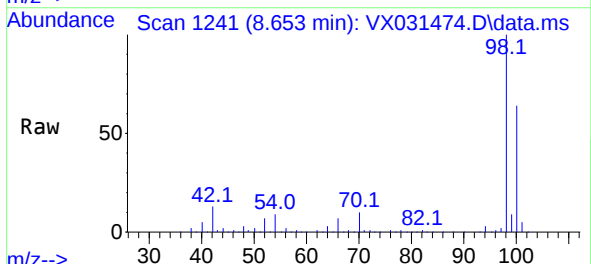


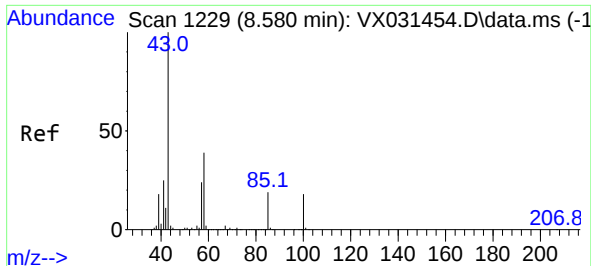
Tgt Ion:117 Resp: 6911
Ion Ratio Lower Upper
117 100
119 6.2 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 50.674 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

Tgt Ion: 98 Resp: 233830
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7

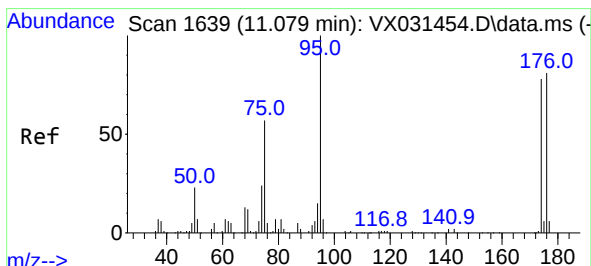
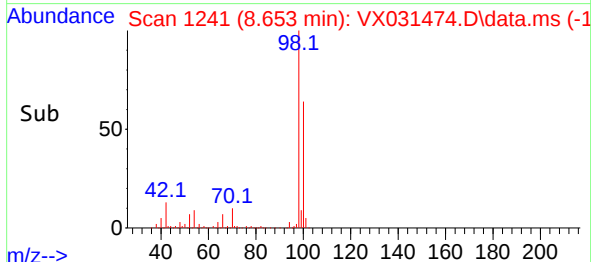
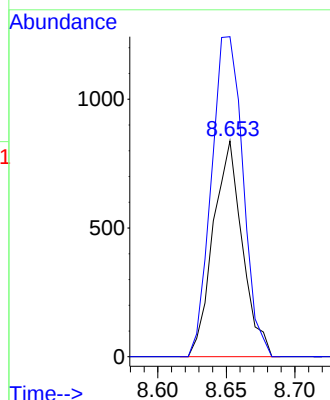
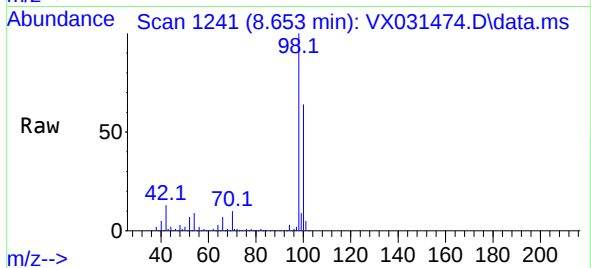




#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

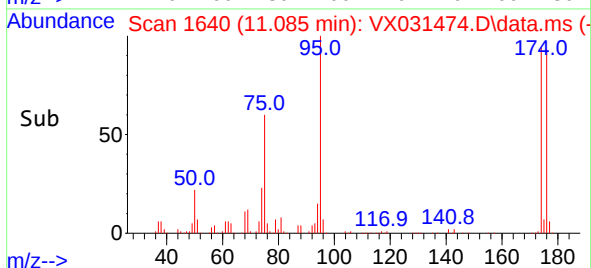
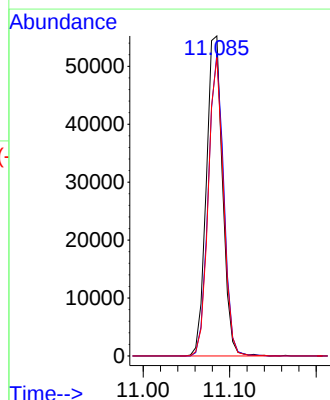
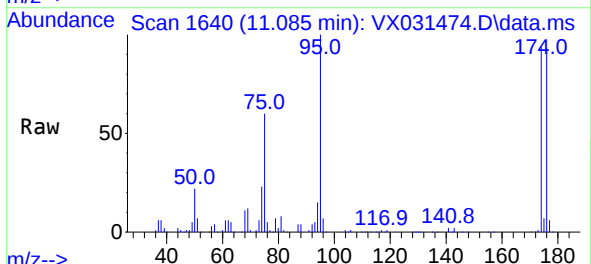
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220908RE

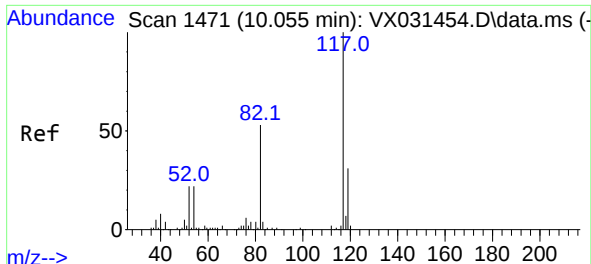
Tgt Ion: 43 Resp: 1242
Ion Ratio Lower Upper
43 100
58 160.5 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 45.982 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

Tgt Ion: 95 Resp: 71871
Ion Ratio Lower Upper
95 100
174 89.6 0.0 153.2
176 87.1 0.0 144.0

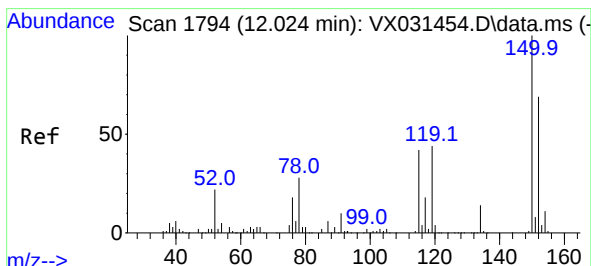
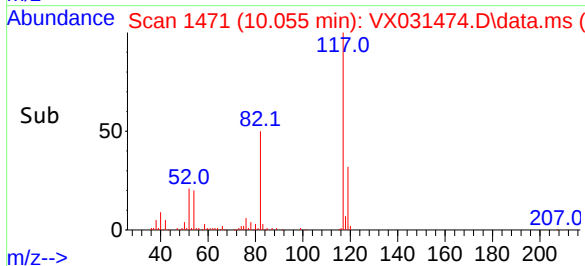
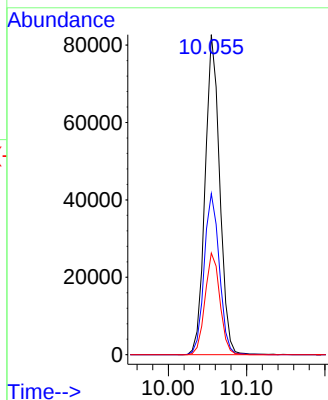
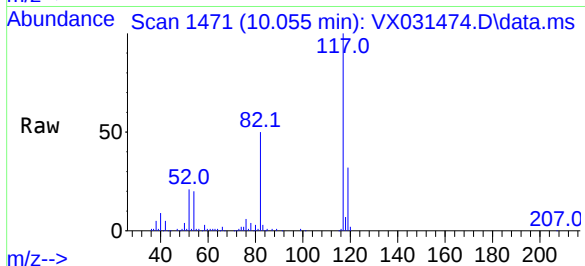




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

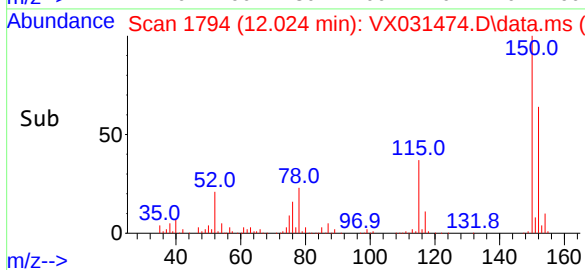
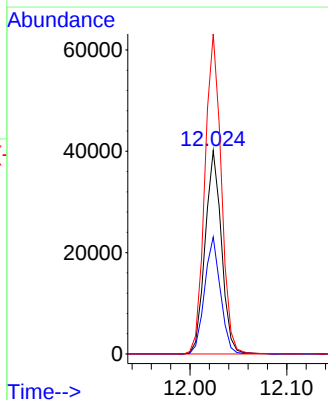
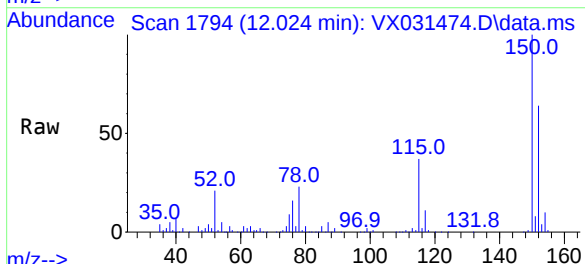
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-EB-20220908RE

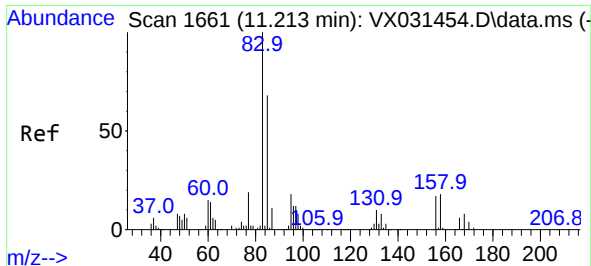
Tgt Ion:	117	Resp:	106801
Ion	Ratio	Lower	Upper
117	100		
82	50.3	46.8	70.2
119	31.8	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

Tgt Ion:	152	Resp:	47231
Ion	Ratio	Lower	Upper
152	100		
115	56.0	43.4	130.1
150	157.9	0.0	346.8

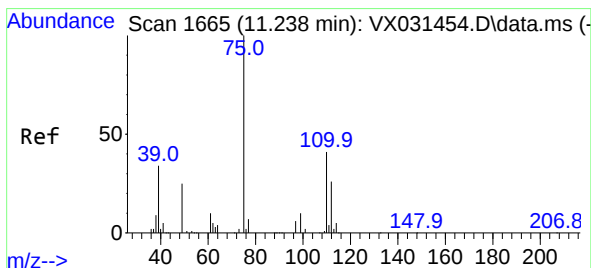
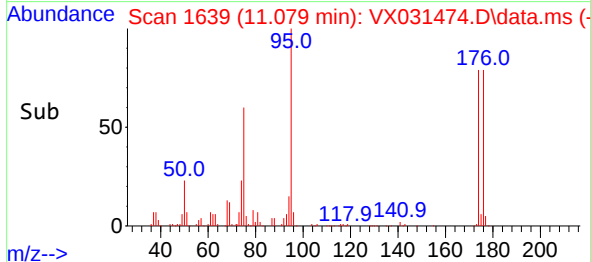
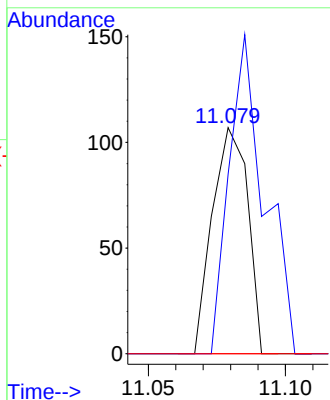
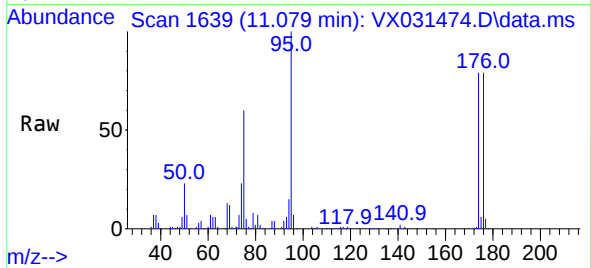




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

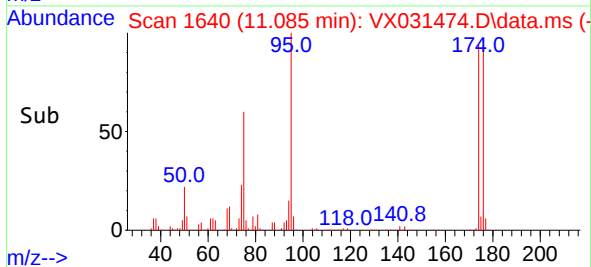
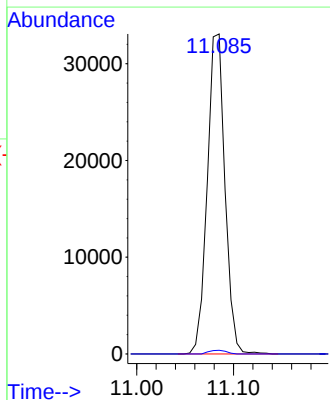
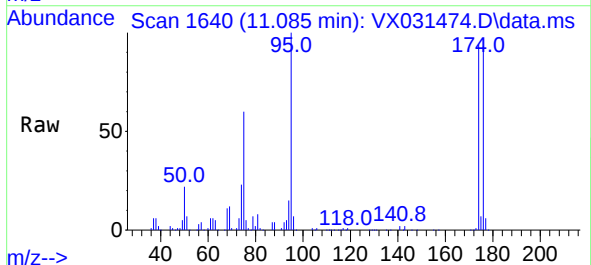
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW5-EB-20220908RE

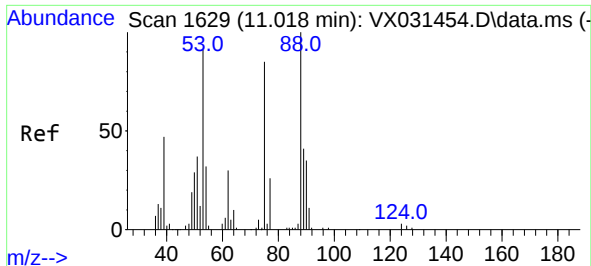
Tgt Ion: 83 Resp: 96
Ion Ratio Lower Upper
83 100
131 141.7 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 39.944 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX031474.D
Acq: 19 Sep 2022 20:47

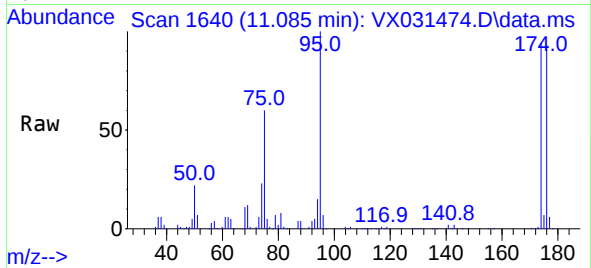
Tgt Ion: 75 Resp: 42107
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.615 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX031474.D
 Acq: 19 Sep 2022 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-EB-20220908RE



Tgt Ion: 75 Resp: 42107
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

