

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043621.D
 Acq On : 30 Oct 2024 14:01
 Operator : JC/MD
 Sample : P4547-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-F-21

Quant Time: Oct 31 09:42:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

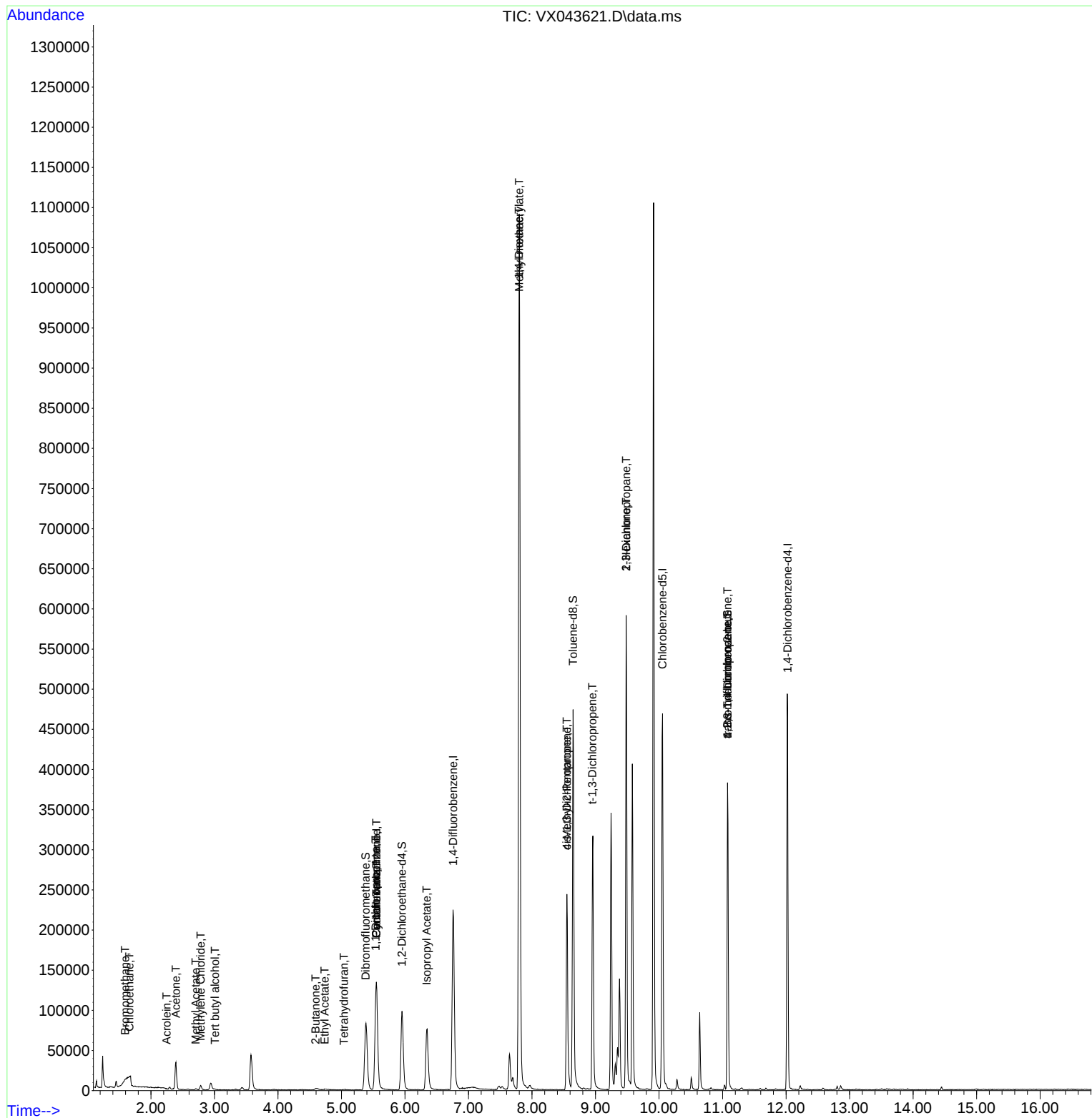
Internal Standards						
1) Pentafluorobenzene	5.550	168	135872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	250365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91456	42.214	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.420%		
35) Dibromofluoromethane	5.379	113	75902	44.708	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.420%		
50) Toluene-d8	8.647	98	292278	49.734	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.460%		
62) 4-Bromofluorobenzene	11.079	95	107444	49.339	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.680%		
Target Compounds						Qvalue
5) Bromomethane	1.593	94	213	0.303	ug/l #	36
6) Chloroethane	1.660	64	181	0.298	ug/l #	54
11) Tert butyl alcohol	3.007	59	1373	3.395	ug/l #	100
13) Acrolein	2.245	56	151	0.477	ug/l	92
16) Acetone	2.392	43	36607	42.550	ug/l	94
18) Methyl Acetate	2.703	43	2140	0.851	ug/l	92
20) Methylene Chloride	2.782	84	2771	1.494	ug/l	86
25) 2-Butanone	4.593	43	3915	3.120	ug/l #	90
29) Tetrahydrofuran	5.038	42	518	0.635	ug/l #	53
31) Cyclohexane	5.550	56	2563	1.120	ug/l #	3
36) 1,1-Dichloropropene	5.537	75	9718	4.827	ug/l #	50
37) Ethyl Acetate	4.733	43	1373	0.562	ug/l #	88
38) Carbon Tetrachloride	5.550	117	13791	6.200	ug/l #	16
43) Isopropyl Acetate	6.342	43	110523	27.345	ug/l	97
48) Methyl methacrylate	7.799	41	93810	48.955	ug/l #	40
49) 1,4-Dioxane	7.793	88	118	2.997	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	85223	34.595	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	805	0.336	ug/l #	42
54) cis-1,3-Dichloropropene	8.549	75	43011	16.827	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	5693	2.019	ug/l #	42
59) 2-Hexanone	9.482	43	69418	37.102	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	52263	22.582	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	52263	62.125	ug/l #	7

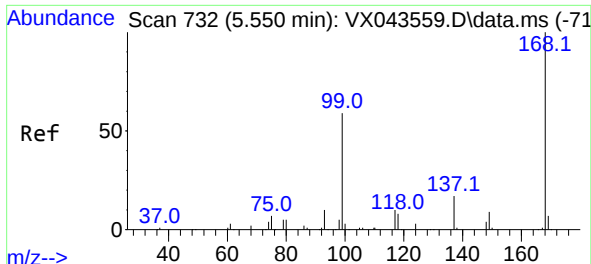
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
Data File : VX043621.D
Acq On : 30 Oct 2024 14:01
Operator : JC/MD
Sample : P4547-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-F-21

Quant Time: Oct 31 09:42:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

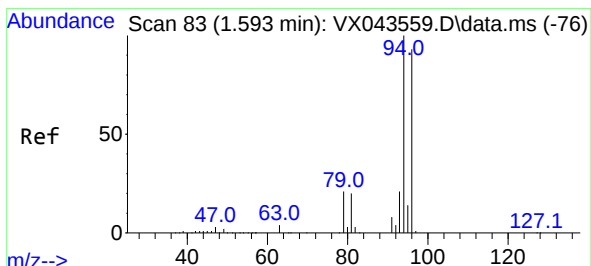
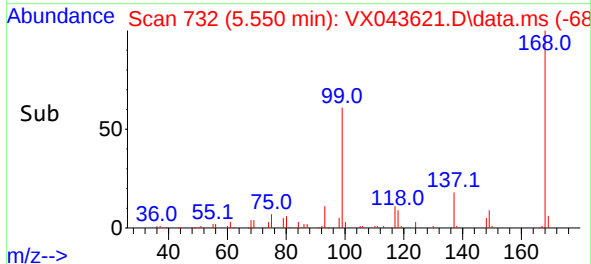
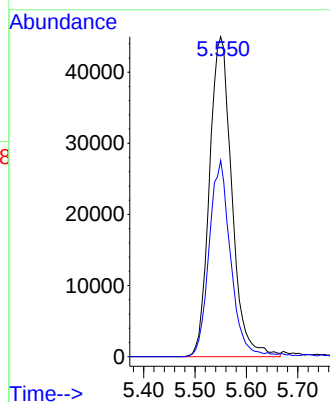
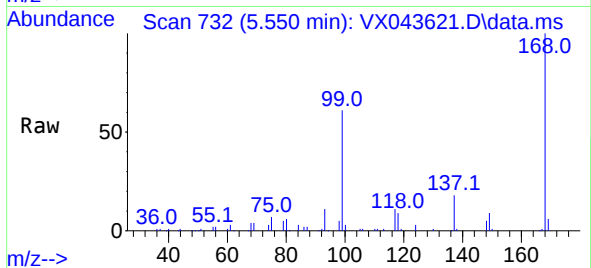




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

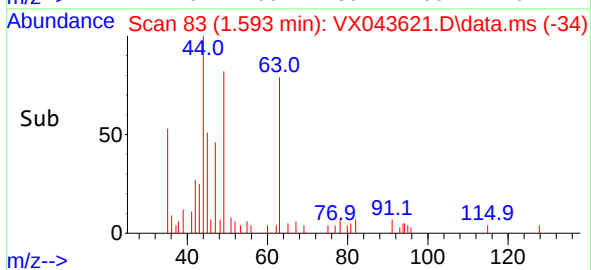
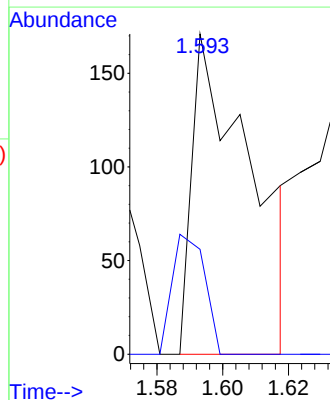
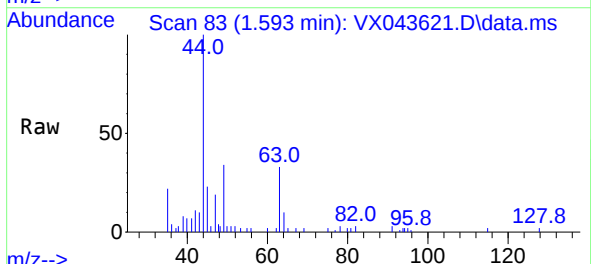
Instrument :
MSVOA_X
ClientSampleId :
BP-F-21

Tgt Ion:168 Resp: 135872
Ion Ratio Lower Upper
168 100
99 61.3 52.6 78.8

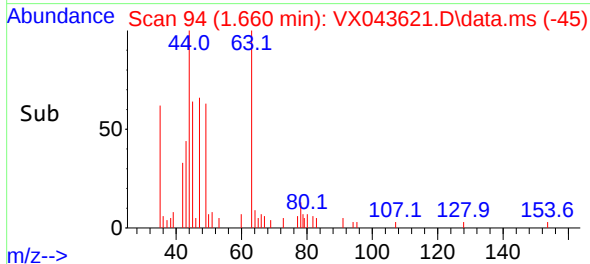
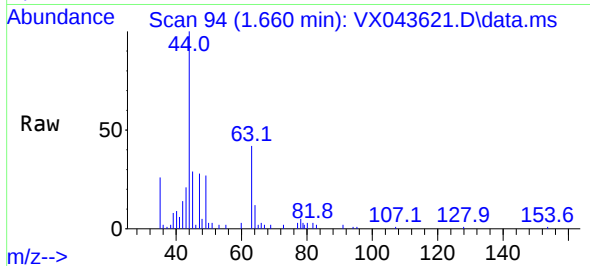
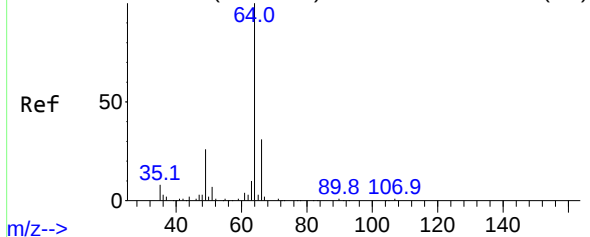


#5
Bromomethane
Concen: 0.303 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

Tgt Ion: 94 Resp: 213
Ion Ratio Lower Upper
94 100
96 32.7 75.9 113.9#



Abundance Scan 95 (1.666 min): VX043559.D\data.ms (-90)



#6

Chloroethane

Concen: 0.298 ug/l

RT: 1.660 min Scan# 94

Delta R.T. 0.000 min

Lab File: VX043621.D

Acq: 30 Oct 2024 14:01

Instrument :

MSVOA_X

ClientSampleId :

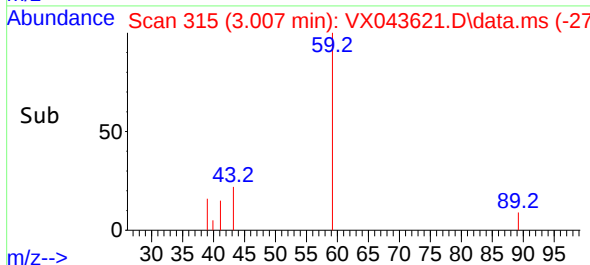
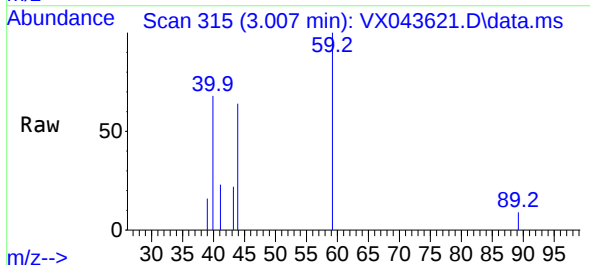
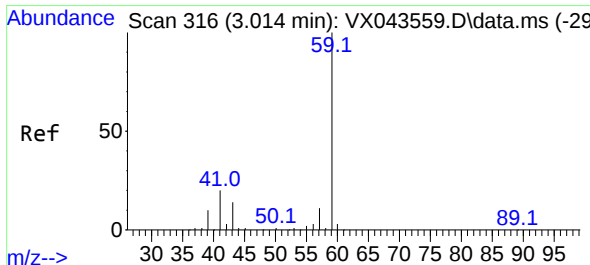
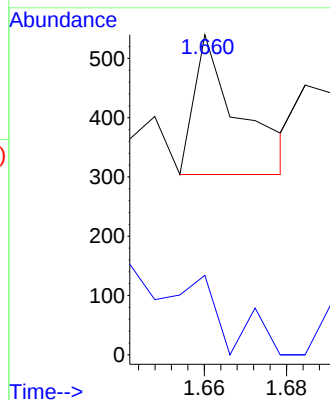
BP-F-21

Tgt Ion: 64 Resp: 181

Ion Ratio Lower Upper

64 100

66 56.8 25.1 37.7#



#11

Tert butyl alcohol

Concen: 3.395 ug/l

RT: 3.007 min Scan# 315

Delta R.T. -0.043 min

Lab File: VX043621.D

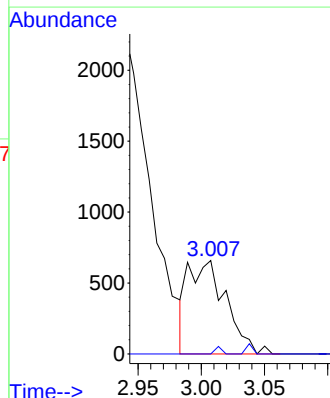
Acq: 30 Oct 2024 14:01

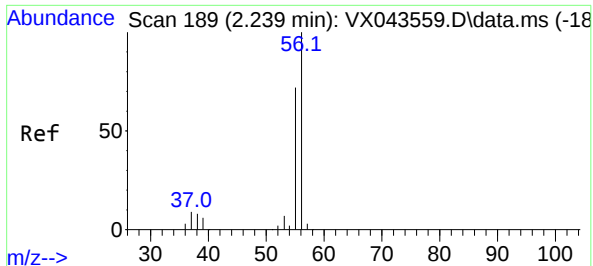
Tgt Ion: 59 Resp: 1373

Ion Ratio Lower Upper

59 100

57 1.4 0.0 0.0#

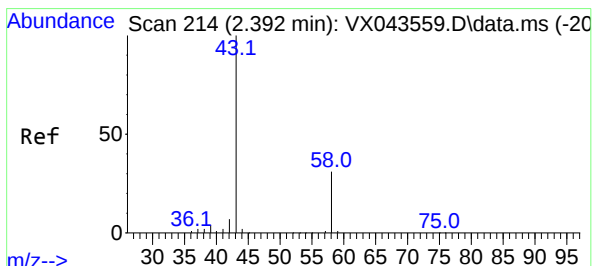
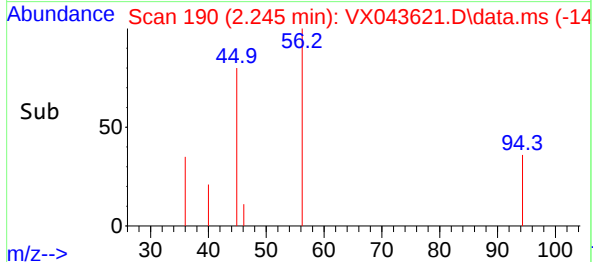
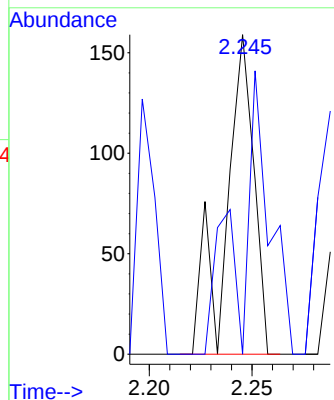
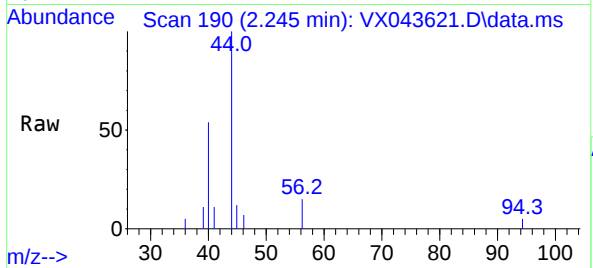




#13
Acrolein
Concen: 0.477 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

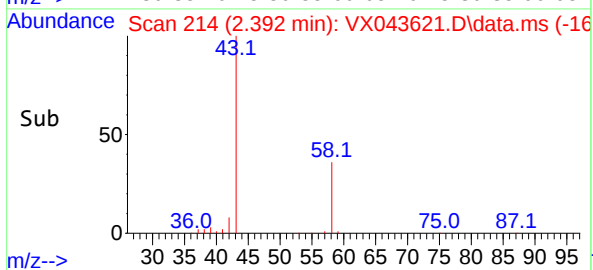
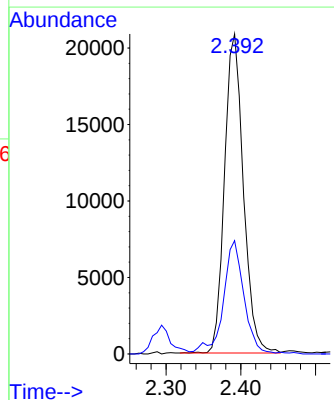
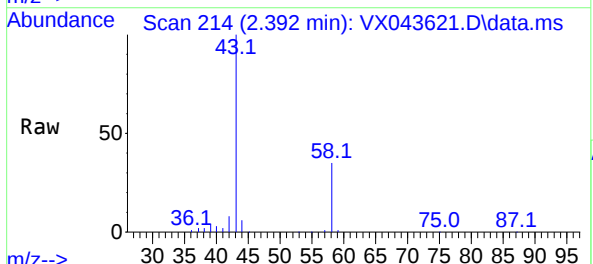
Instrument :
MSVOA_X
ClientSampleId :
BP-F-21

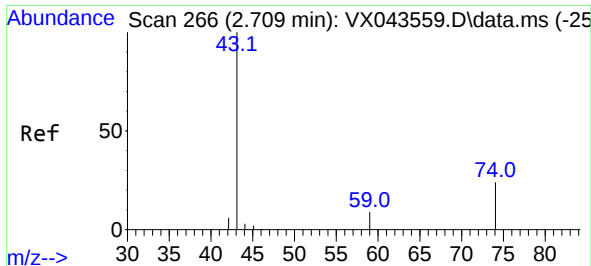
Tgt Ion: 56 Resp: 151
Ion Ratio Lower Upper
56 100
55 62.9 55.3 82.9



#16
Acetone
Concen: 42.550 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

Tgt Ion: 43 Resp: 36607
Ion Ratio Lower Upper
43 100
58 34.9 25.1 37.7

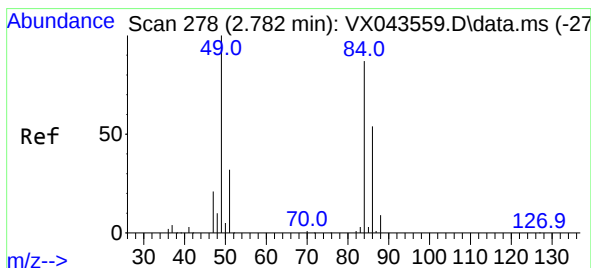
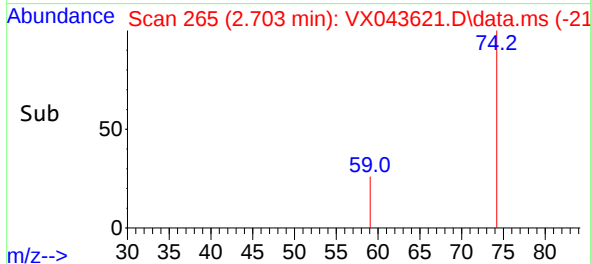
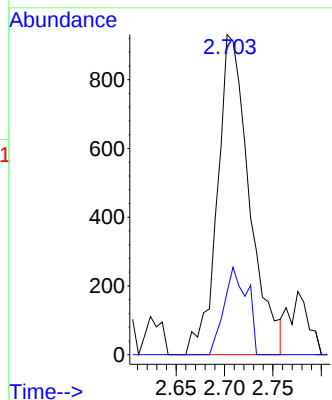
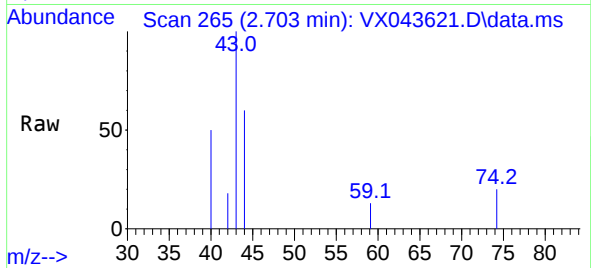




#18
Methyl Acetate
Concen: 0.851 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

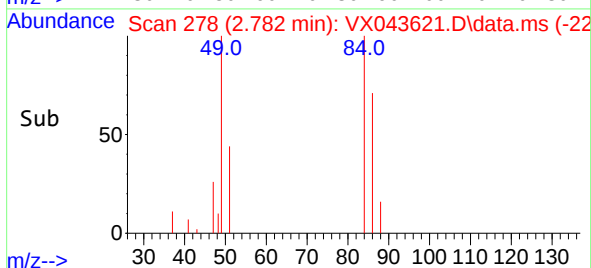
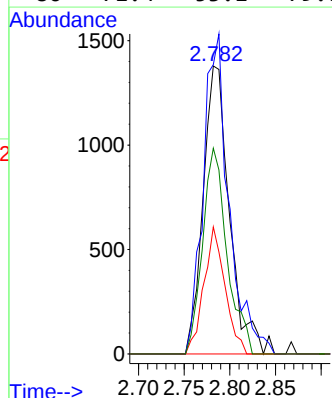
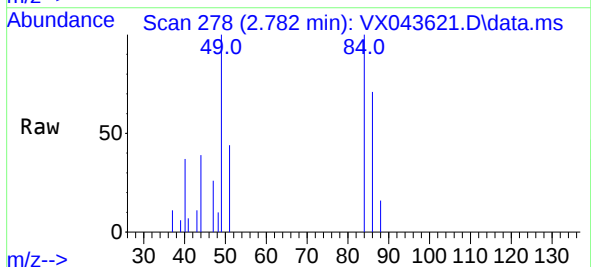
Instrument :
MSVOA_X
ClientSampleId :
BP-F-21

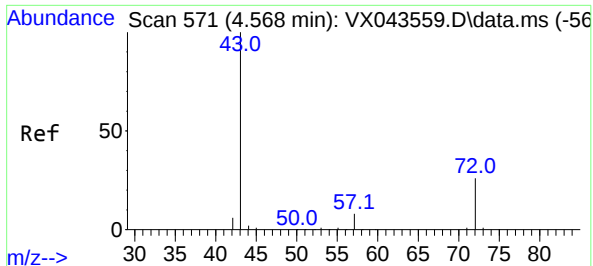
Tgt Ion: 43 Resp: 2140
Ion Ratio Lower Upper
43 100
74 19.9 19.1 28.7



#20
Methylene Chloride
Concen: 1.494 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

Tgt Ion: 84 Resp: 2771
Ion Ratio Lower Upper
84 100
49 100.4 97.0 145.6
51 44.1 29.8 44.8
86 71.4 53.1 79.7





#25

2-Butanone

Concen: 3.120 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX043621.D

Acq: 30 Oct 2024 14:01

Instrument :

MSVOA_X

ClientSampleId :

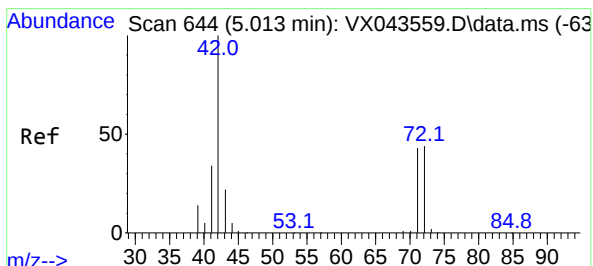
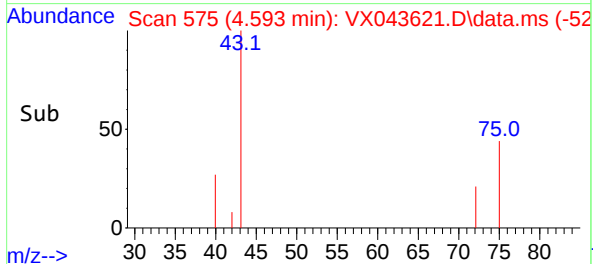
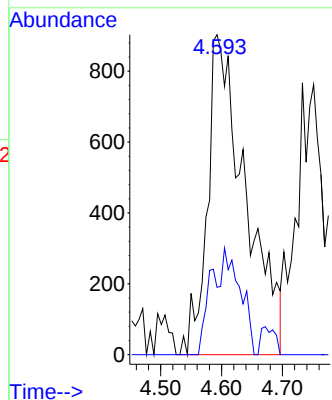
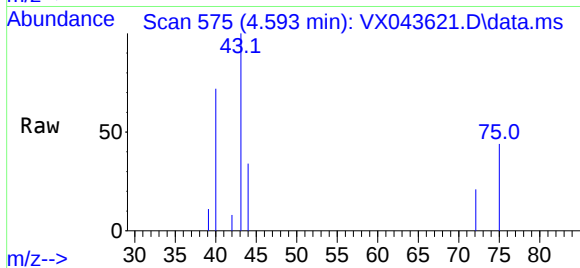
BP-F-21

Tgt Ion: 43 Resp: 3915

Ion Ratio Lower Upper

43 100

72 21.0 21.1 31.7#



#29

Tetrahydrofuran

Concen: 0.635 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.024 min

Lab File: VX043621.D

Acq: 30 Oct 2024 14:01

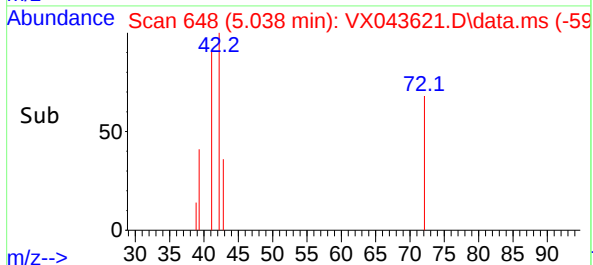
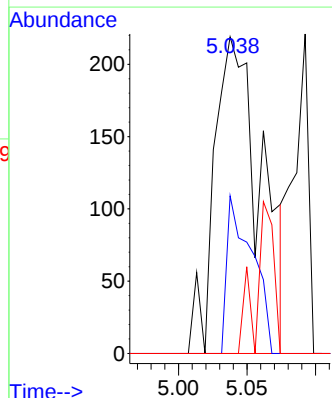
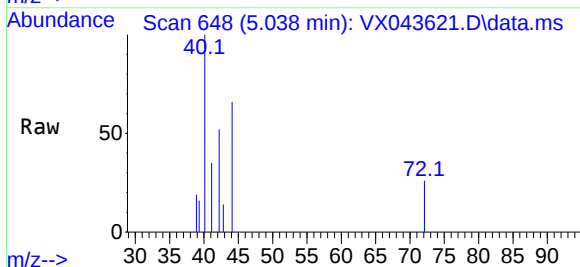
Tgt Ion: 42 Resp: 518

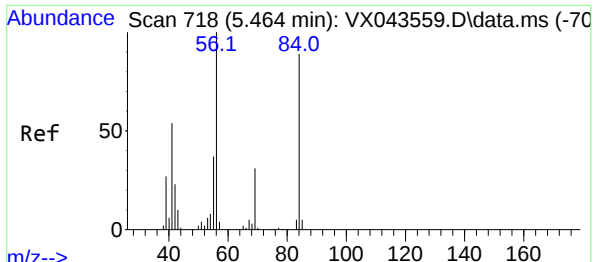
Ion Ratio Lower Upper

42 100

72 27.0 36.6 55.0#

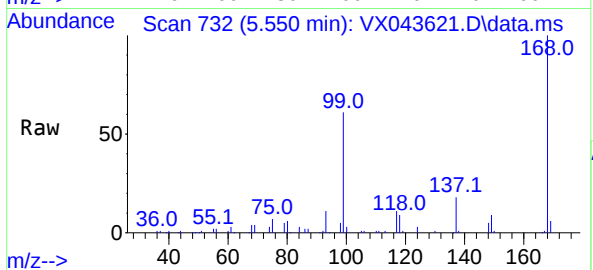
71 0.0 34.2 51.4#



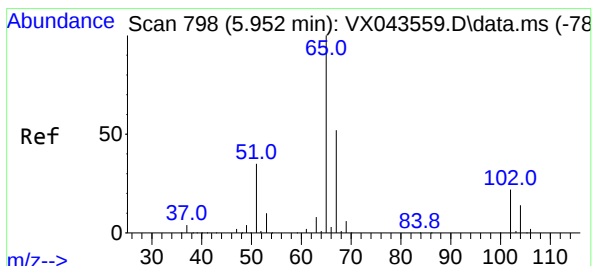
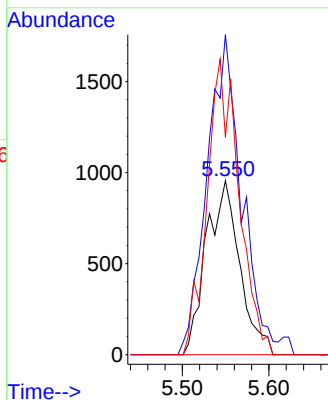
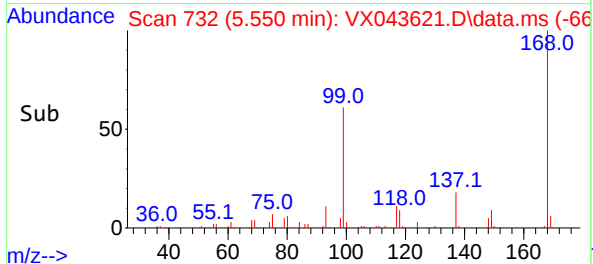


#31
Cyclohexane
Concen: 1.120 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

Instrument :
MSVOA_X
ClientSampleId :
BP-F-21

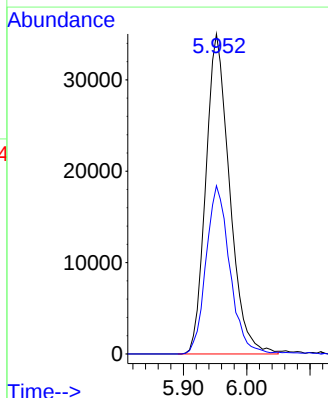
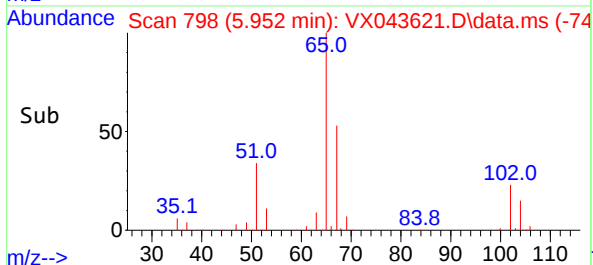
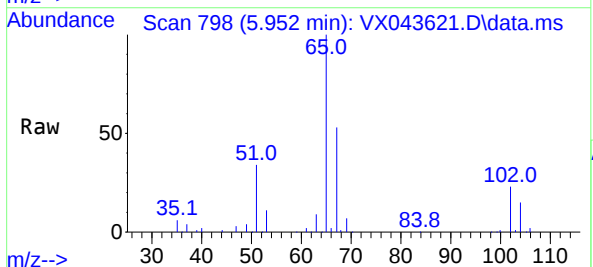


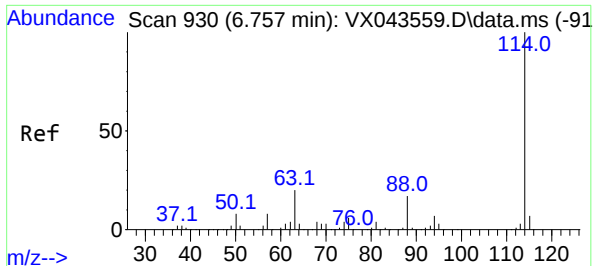
Tgt Ion: 56 Resp: 2563
Ion Ratio Lower Upper
56 100
69 184.0 24.9 37.3#
84 124.9 73.3 109.9#



#33
1,2-Dichloroethane-d4
Concen: 42.214 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

Tgt Ion: 65 Resp: 91456
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4

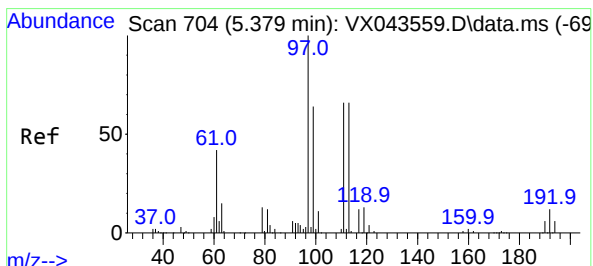
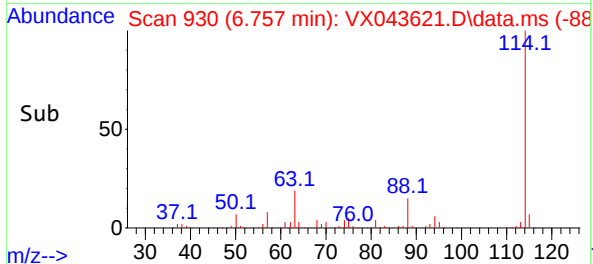
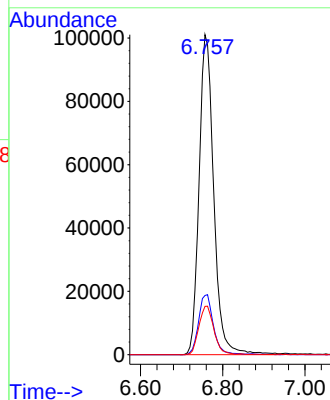
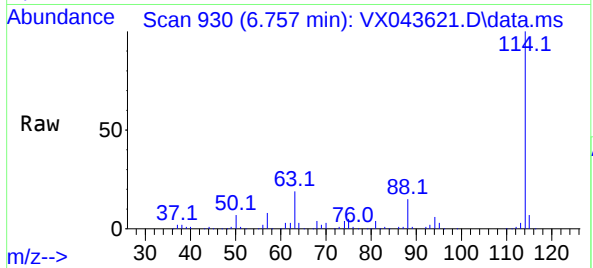




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

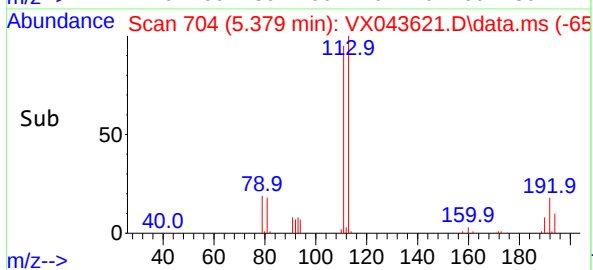
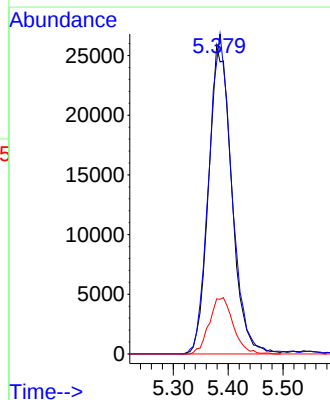
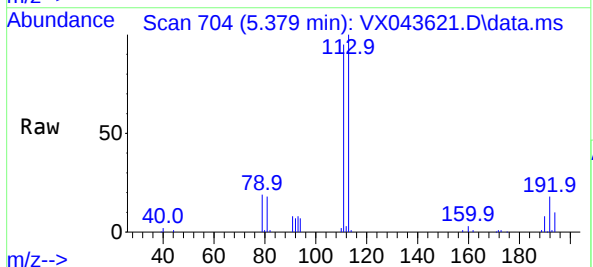
Instrument :
MSVOA_X
ClientSampleId :
BP-F-21

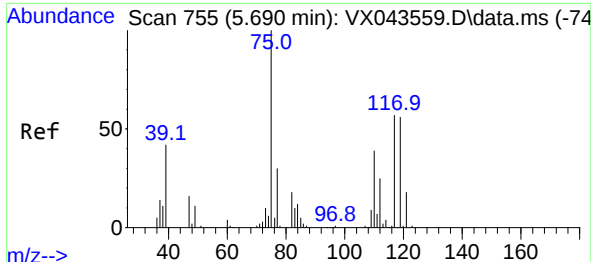
Tgt Ion:114 Resp: 250365
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.2
88 15.1 0.0 34.0



#35
Dibromofluoromethane
Concen: 44.708 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

Tgt Ion:113 Resp: 75902
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 18.9 14.1 21.1

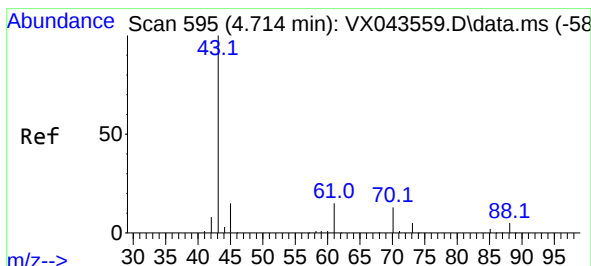
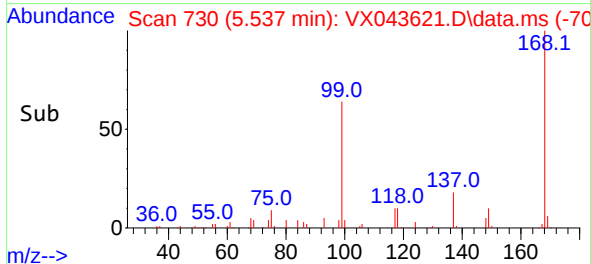
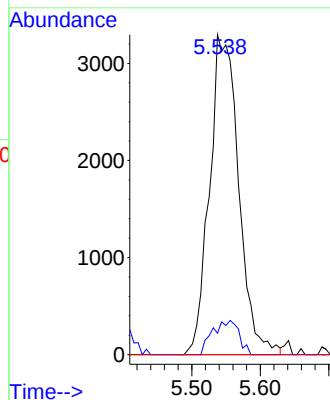
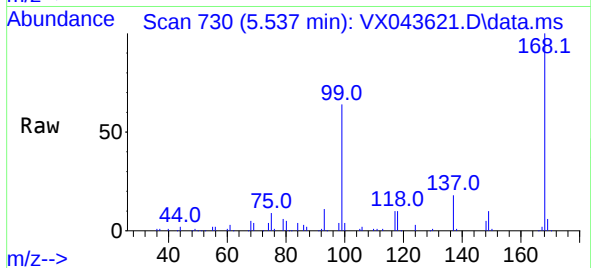




#36
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

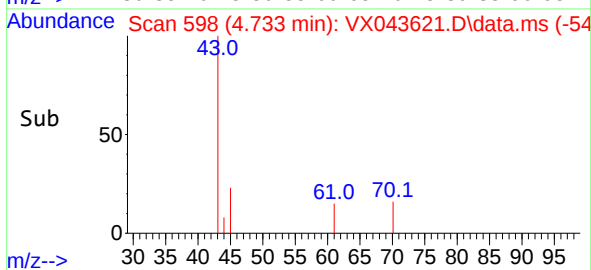
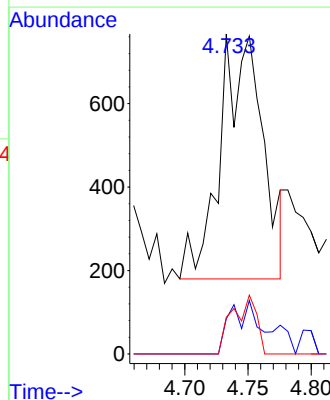
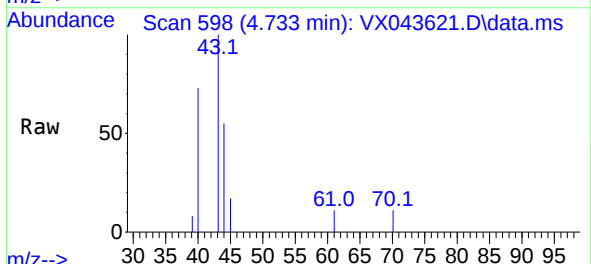
Instrument :
MSVOA_X
ClientSampleId :
BP-F-21

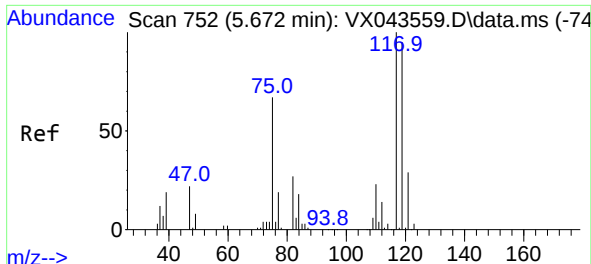
Tgt Ion: 75 Resp: 9718
Ion Ratio Lower Upper
75 100
110 9.7 17.9 53.7#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.562 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.012 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

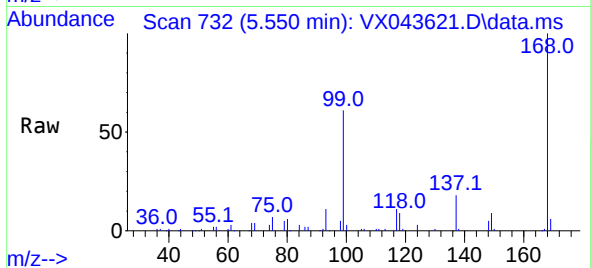
Tgt Ion: 43 Resp: 1373
Ion Ratio Lower Upper
43 100
61 7.0 11.0 16.6#
70 13.6 8.9 13.3#



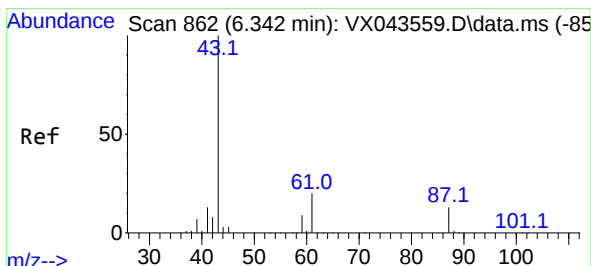
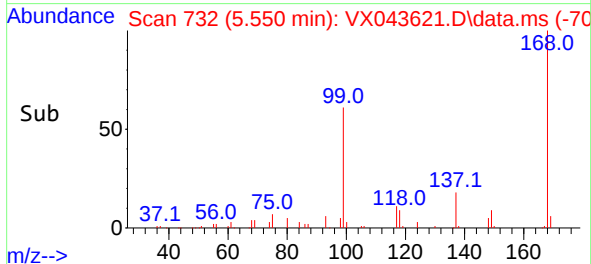
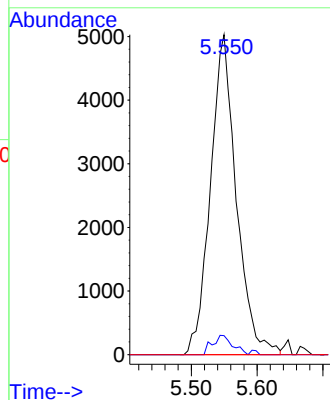


#38
Carbon Tetrachloride
Concen: 6.200 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

Instrument :
MSVOA_X
ClientSampleId :
BP-F-21

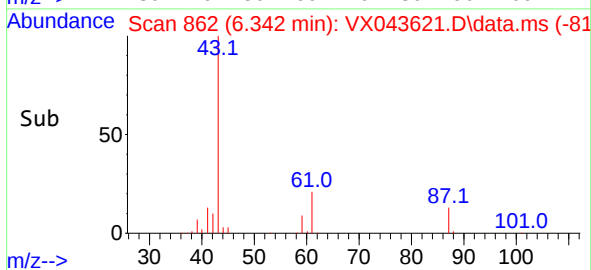
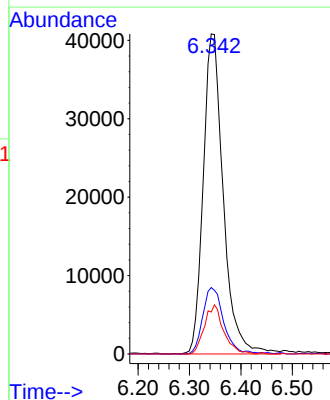
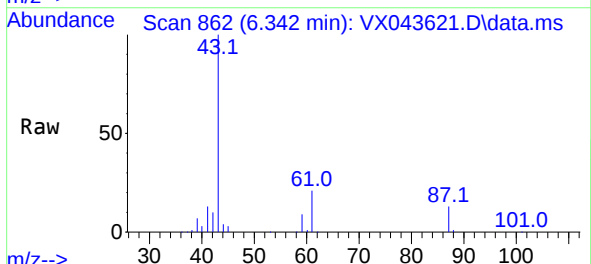


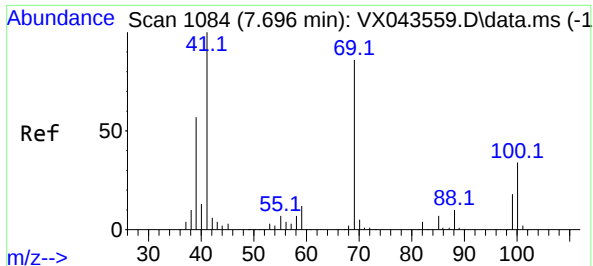
Tgt Ion:117 Resp: 13791
Ion Ratio Lower Upper
117 100
119 5.9 77.0 115.6#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 27.345 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

Tgt Ion: 43 Resp: 110523
Ion Ratio Lower Upper
43 100
61 21.7 16.2 24.4
87 14.7 11.0 16.6

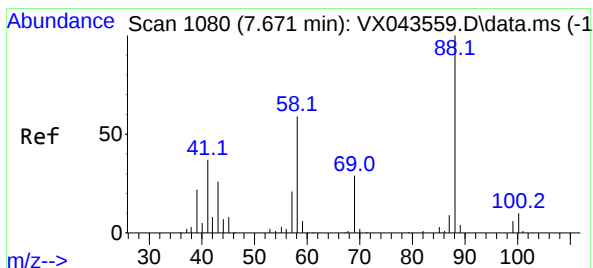
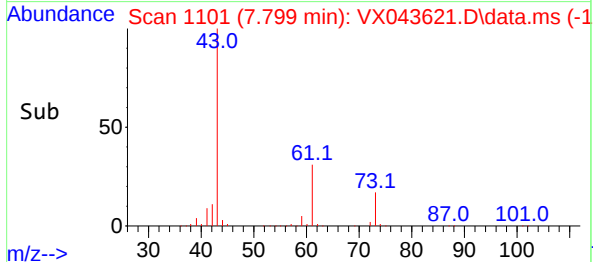
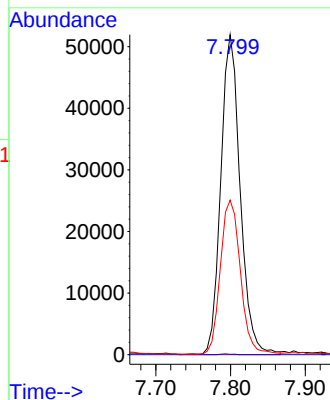
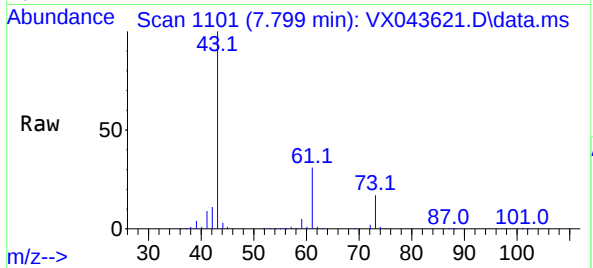




#48
Methyl methacrylate
Concen: 48.955 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

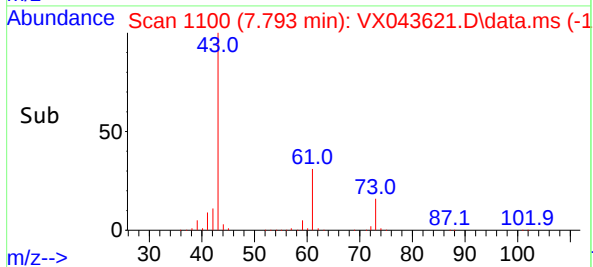
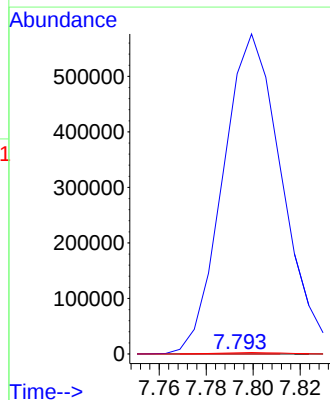
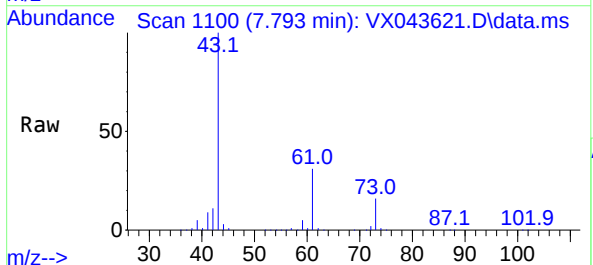
Instrument :
MSVOA_X
ClientSampleId :
BP-F-21

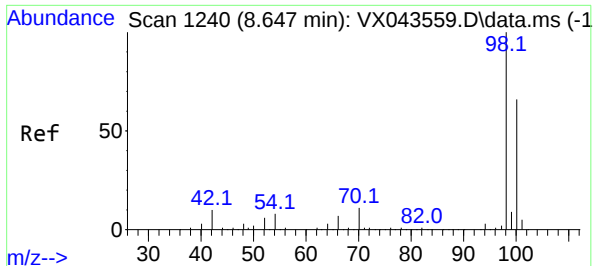
Tgt Ion: 41 Resp: 93810
Ion Ratio Lower Upper
41 100
69 0.1 67.7 101.5#
39 49.6 46.3 69.5



#49
1,4-Dioxane
Concen: 2.997 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.122 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

Tgt Ion: 88 Resp: 118
Ion Ratio Lower Upper
88 100
43 872279.7 25.3 37.9#
58 3993.2 53.9 80.9#

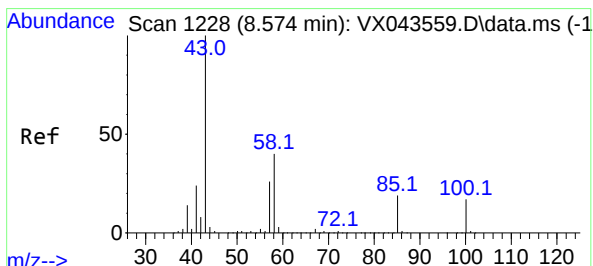
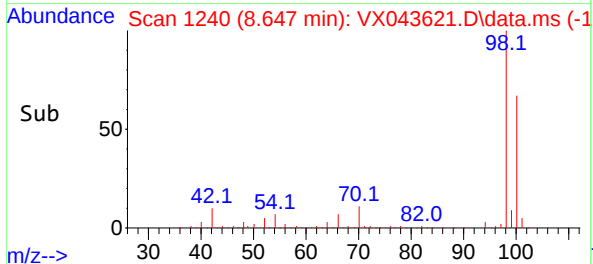
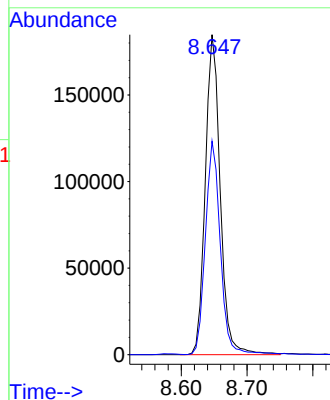
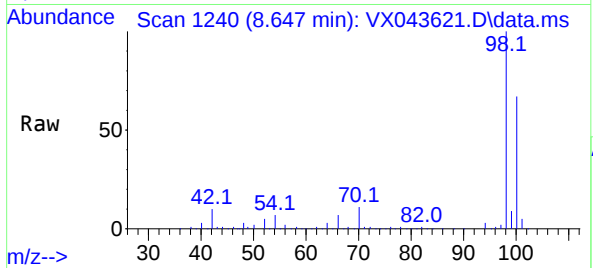




#50
Toluene-d8
Concen: 49.734 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

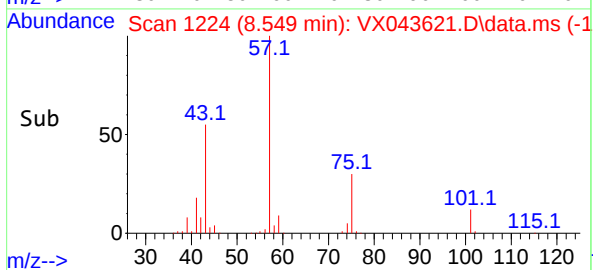
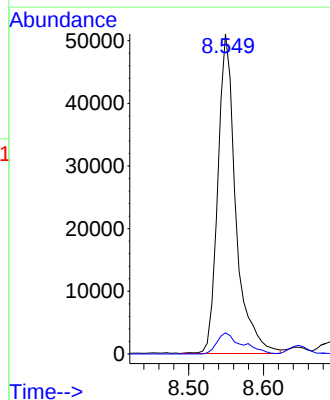
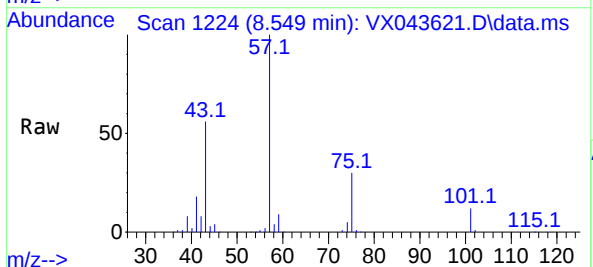
Instrument :
MSVOA_X
ClientSampleId :
BP-F-21

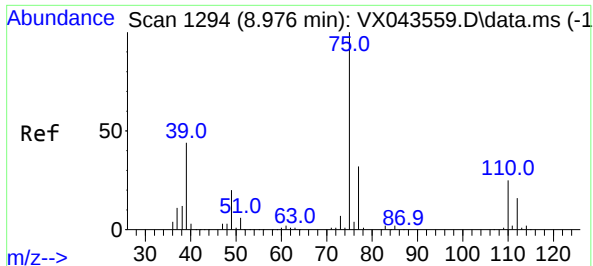
Tgt Ion: 98 Resp: 292278
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 34.595 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.030 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

Tgt Ion: 43 Resp: 85223
Ion Ratio Lower Upper
43 100
58 9.2 31.7 47.5#

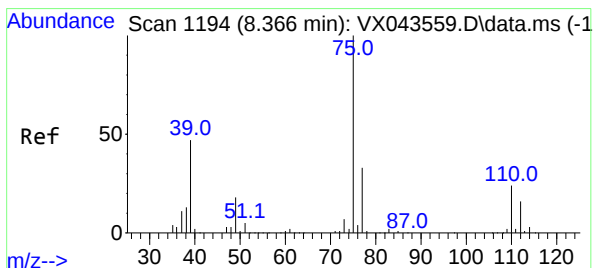
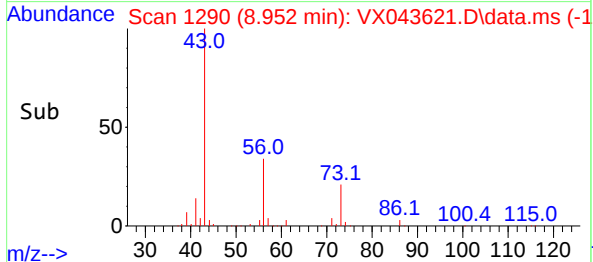
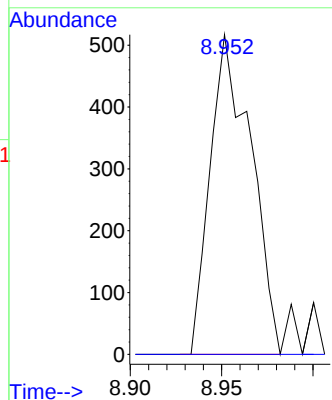
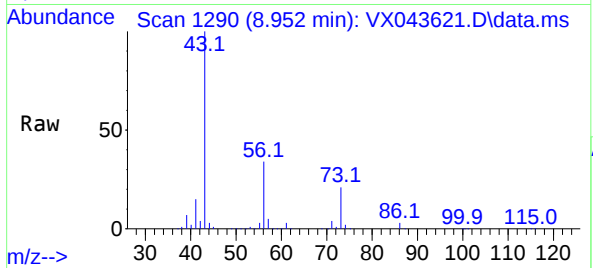




#53
t-1,3-Dichloropropene
Concen: 0.336 ug/l
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

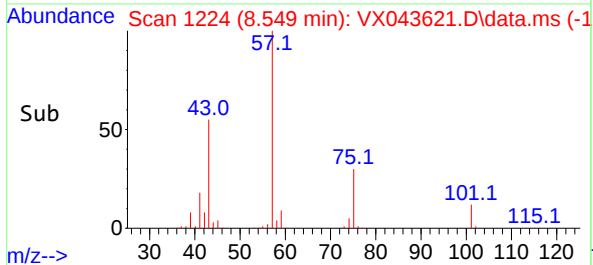
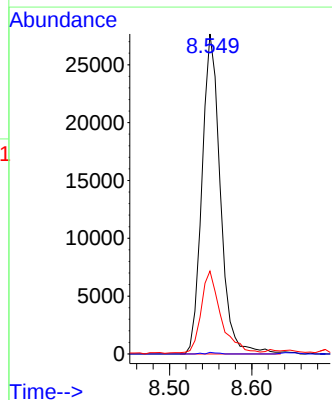
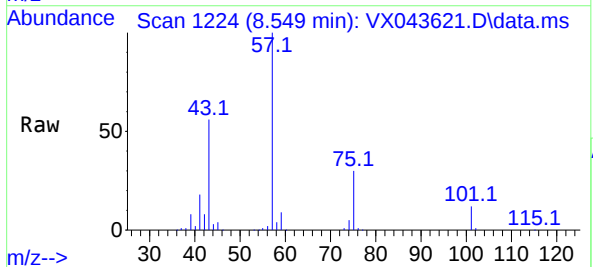
Instrument :
MSVOA_X
ClientSampleId :
BP-F-21

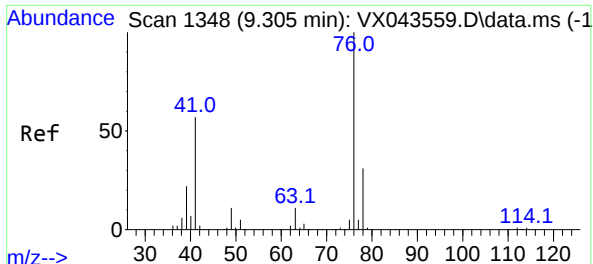
Tgt Ion: 75 Resp: 805
Ion Ratio Lower Upper
75 100
77 0.0 26.0 39.0#



#54
cis-1,3-Dichloropropene
Concen: 16.827 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

Tgt Ion: 75 Resp: 43011
Ion Ratio Lower Upper
75 100
77 0.5 24.8 37.2#
39 25.5 37.7 56.5#

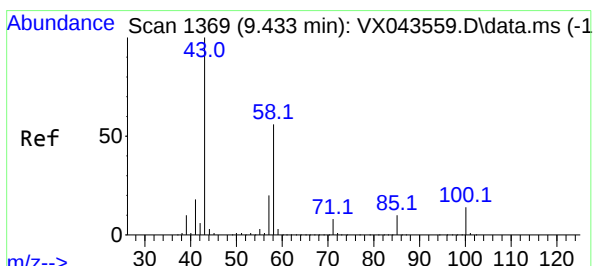
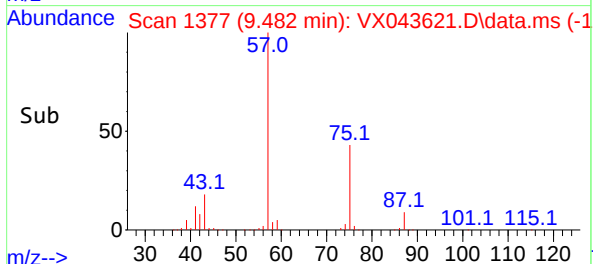
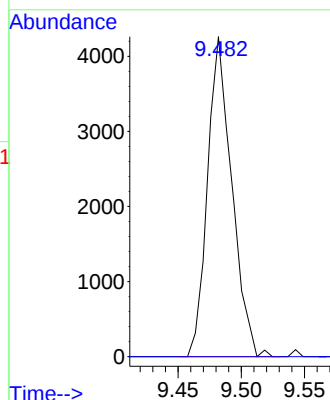
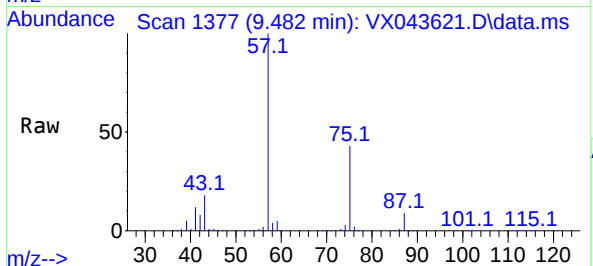




#57
1,3-Dichloropropane
Concen: 2.019 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

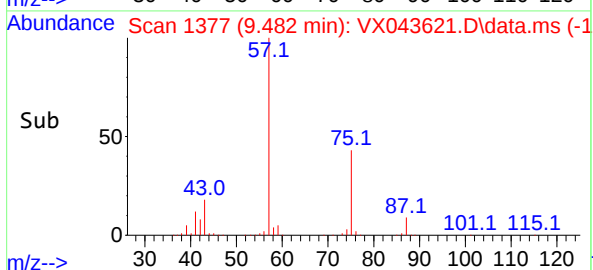
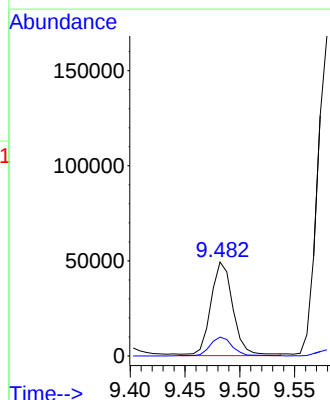
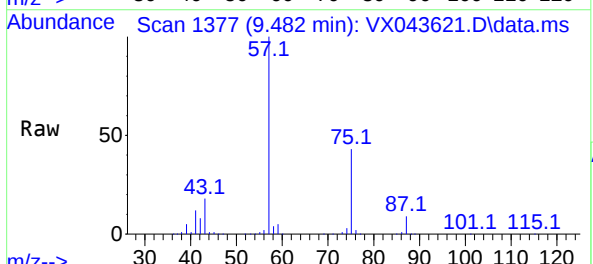
Instrument :
MSVOA_X
ClientSampleId :
BP-F-21

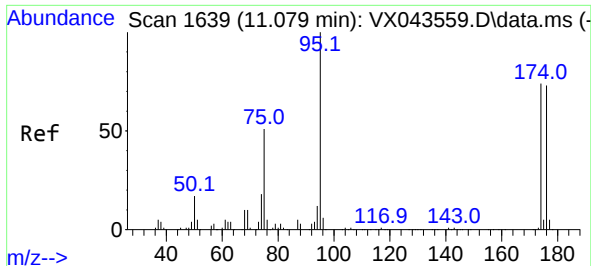
Tgt Ion: 76 Resp: 5693
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#



#59
2-Hexanone
Concen: 37.102 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

Tgt Ion: 43 Resp: 69418
Ion Ratio Lower Upper
43 100
58 20.7 27.5 82.5#





#62

4-Bromofluorobenzene

Concen: 49.339 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043621.D

Acq: 30 Oct 2024 14:01

Instrument :

MSVOA_X

ClientSampleId :

BP-F-21

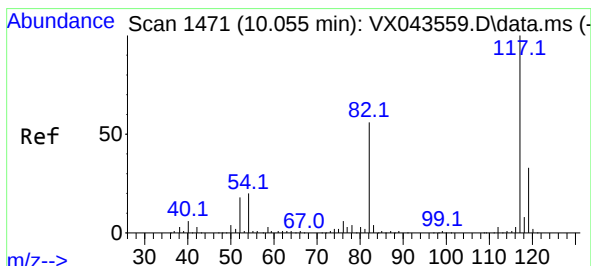
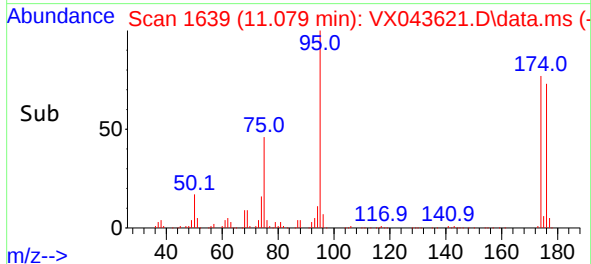
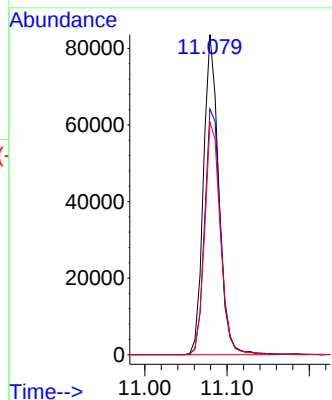
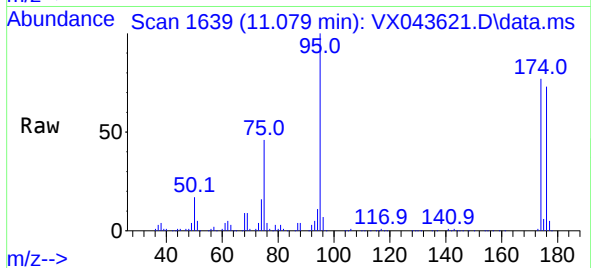
Tgt Ion: 95 Resp: 107444

Ion Ratio Lower Upper

95 100

174 80.5 0.0 146.6

176 75.3 0.0 139.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043621.D

Acq: 30 Oct 2024 14:01

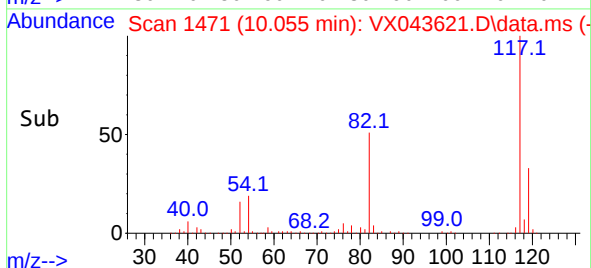
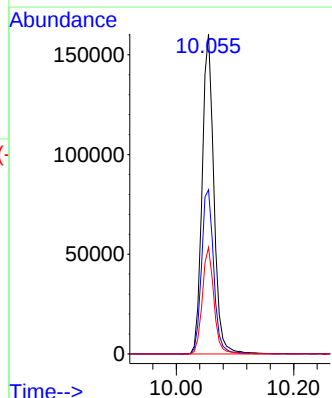
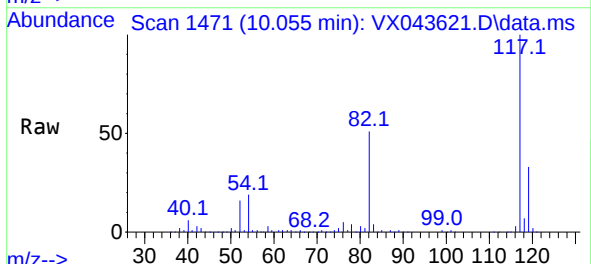
Tgt Ion: 117 Resp: 223042

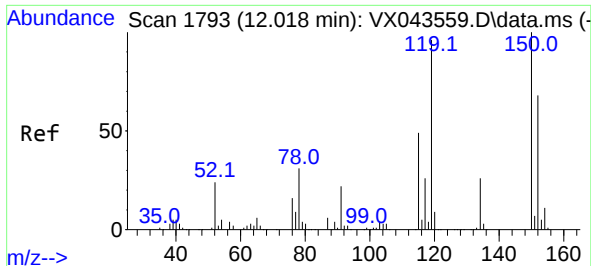
Ion Ratio Lower Upper

117 100

82 51.3 42.1 63.1

119 33.3 25.4 38.2

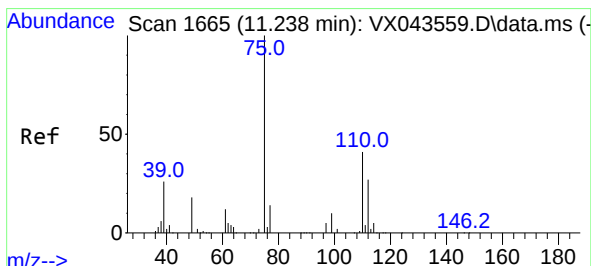
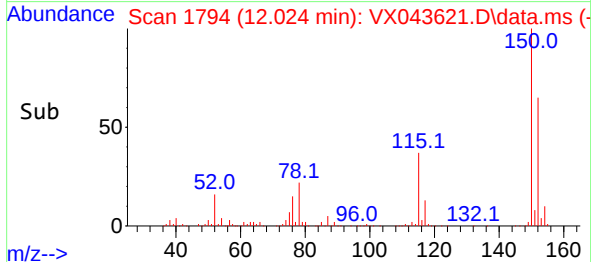
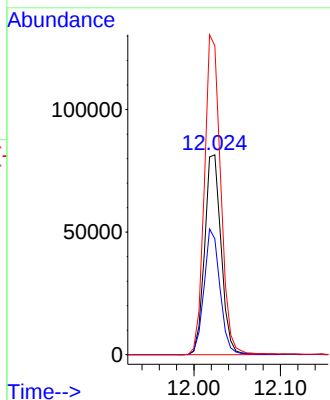
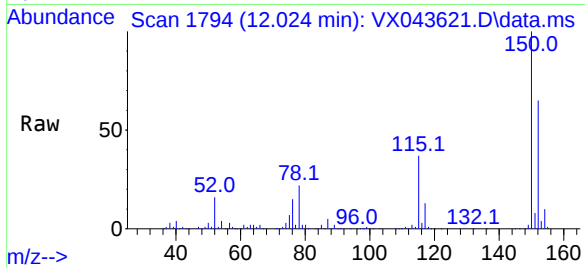




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

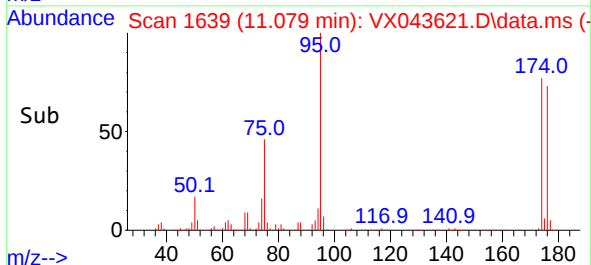
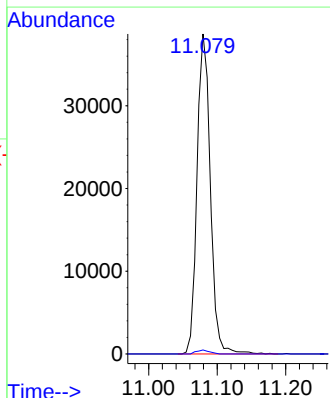
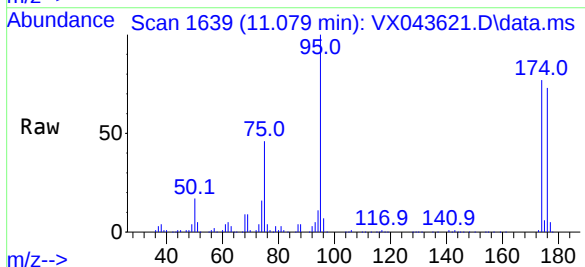
Instrument :
MSVOA_X
ClientSampleId :
BP-F-21

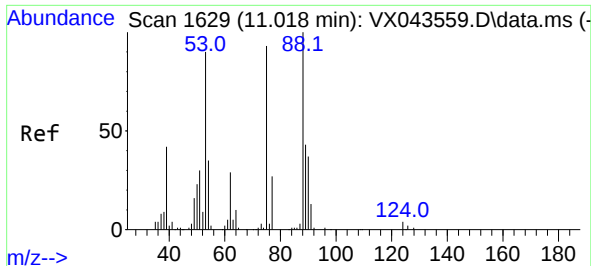
Tgt Ion:152 Resp: 108240
Ion Ratio Lower Upper
152 100
115 60.7 42.9 128.7
150 158.2 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 22.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043621.D
Acq: 30 Oct 2024 14:01

Tgt Ion: 75 Resp: 52263
Ion Ratio Lower Upper
75 100
77 1.2 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.125 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043621.D
 Acq: 30 Oct 2024 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-F-21

Tgt Ion: 75 Resp: 52263
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.6 126.8#
 89 0.1 38.6 58.0#

