

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043944.D
 Acq On : 21 Nov 2024 18:46
 Operator : JC/MD
 Sample : P4934-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-8-20241119

Quant Time: Nov 22 04:03:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

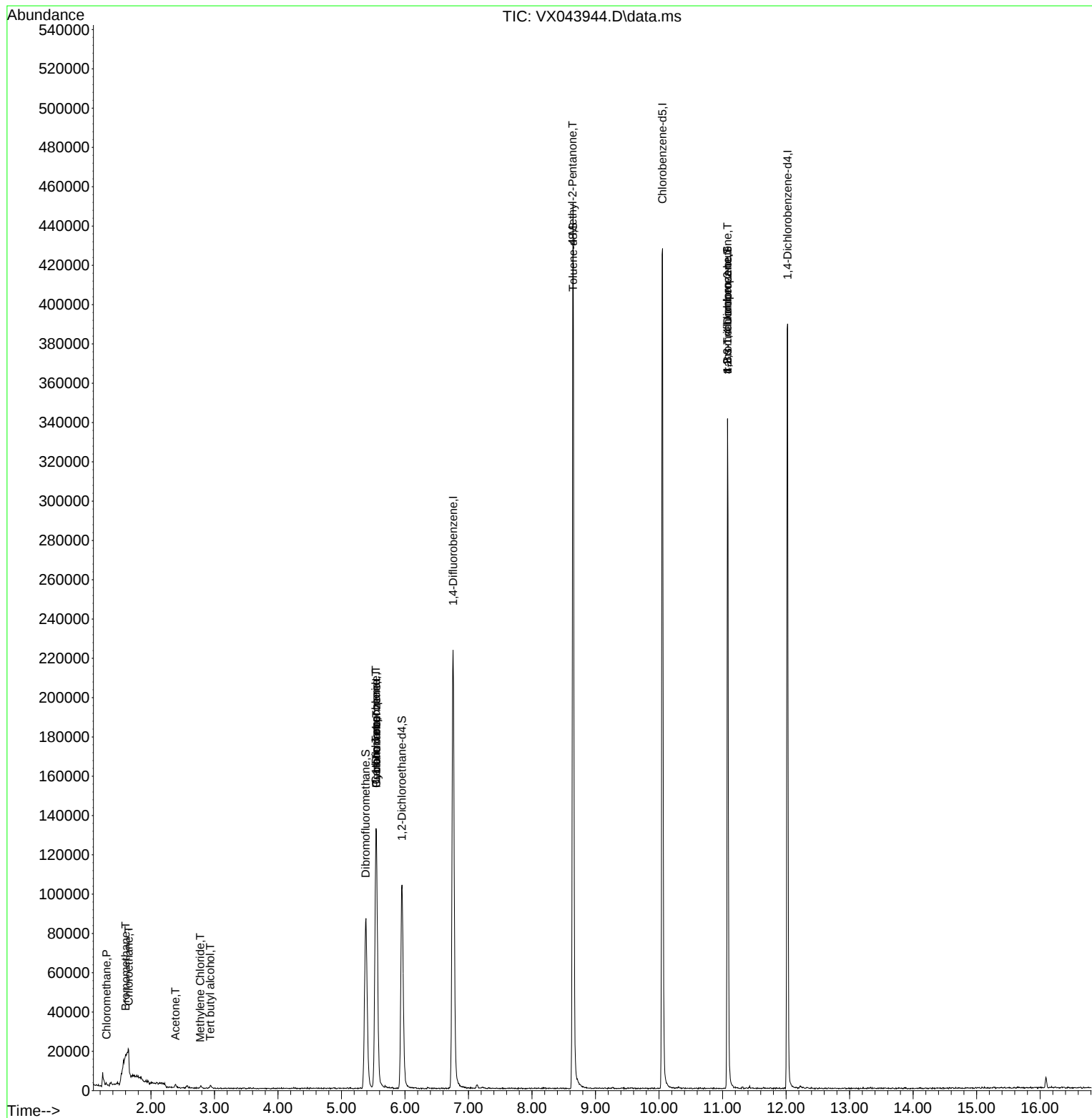
Internal Standards						
1) Pentafluorobenzene	5.550	168	120427	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	226777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101235	49.012	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.020%
35) Dibromofluoromethane	5.379	113	74626	46.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.100%
50) Toluene-d8	8.647	98	271193	48.550	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.079	95	89507	47.084	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	721	0.449	ug/l	99
5) Bromomethane	1.599	94	361	0.344	ug/l #	53
6) Chloroethane	1.648	64	228	0.219	ug/l #	1
11) Tert butyl alcohol	2.934	59	528	1.593	ug/l #	73
16) Acetone	2.386	43	1736	1.830	ug/l	93
20) Methylene Chloride	2.776	84	567	0.352	ug/l #	68
31) Cyclohexane	5.550	56	3043	1.322	ug/l #	43
36) 1,1-Dichloropropene	5.544	75	10986	5.441	ug/l #	46
38) Carbon Tetrachloride	5.544	117	13842	6.101	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1279	0.525	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50329	28.768	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	50329	78.502	ug/l #	6

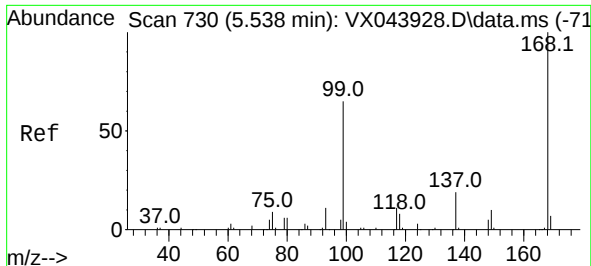
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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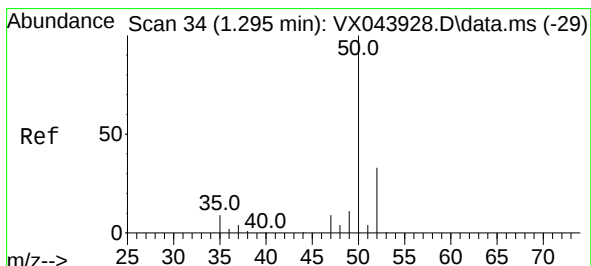
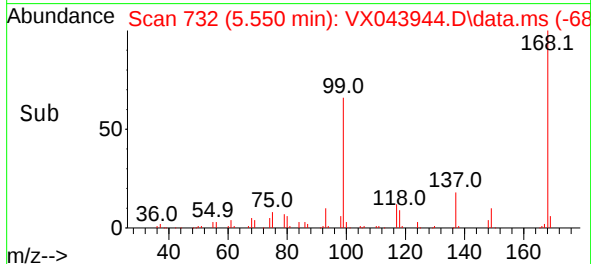
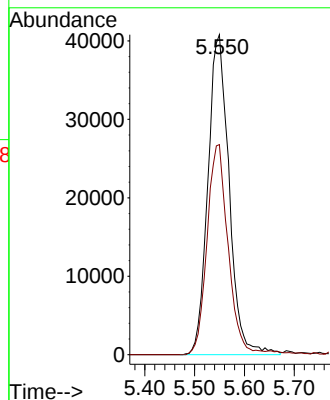
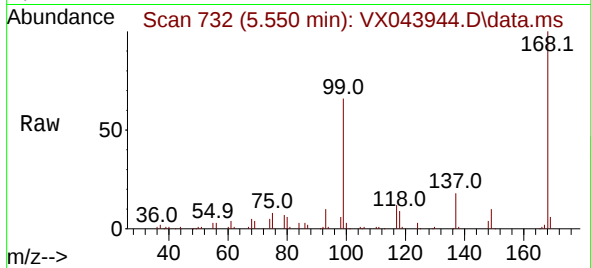




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX043944.D
Acq: 21 Nov 2024 18:46

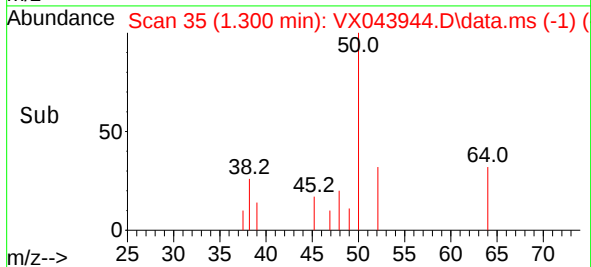
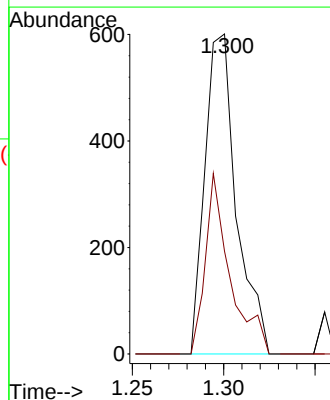
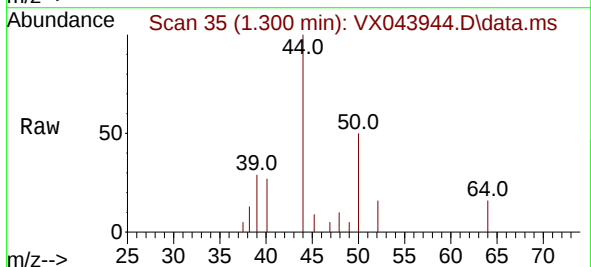
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20241119

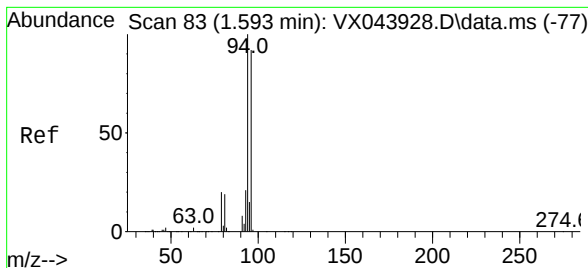
Tgt Ion:168 Resp: 120427
Ion Ratio Lower Upper
168 100
99 65.7 51.8 77.8



#3
Chloromethane
Concen: 0.449 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043944.D
Acq: 21 Nov 2024 18:46

Tgt Ion: 50 Resp: 721
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1





#5

Bromomethane

Concen: 0.344 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX043944.D

Acq: 21 Nov 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

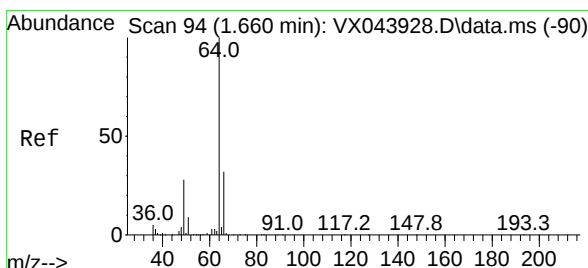
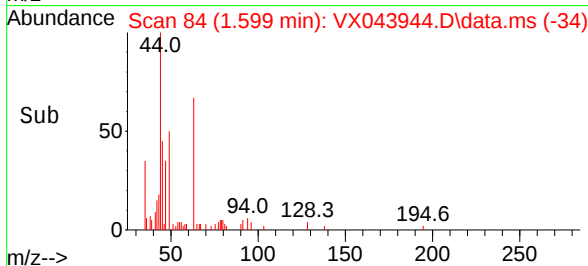
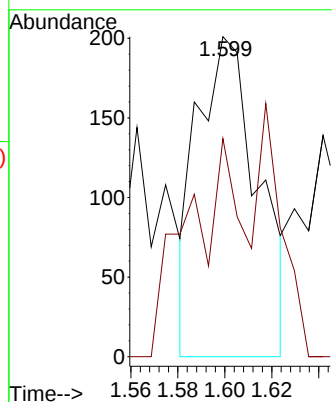
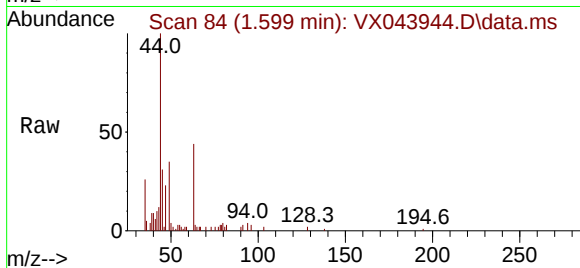
BPOW6-8-20241119

Tgt Ion: 94 Resp: 361

Ion Ratio Lower Upper

94 100

96 47.2 73.9 110.9#



#6

Chloroethane

Concen: 0.219 ug/l

RT: 1.648 min Scan# 92

Delta R.T. -0.012 min

Lab File: VX043944.D

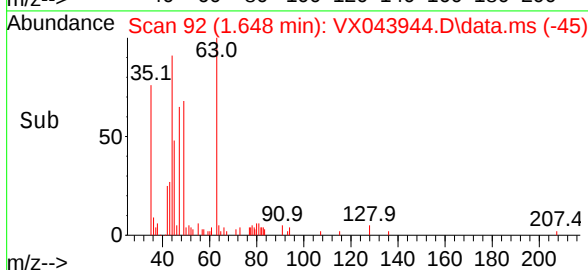
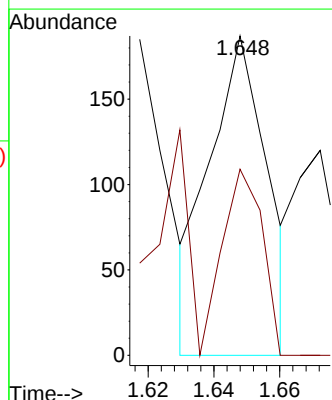
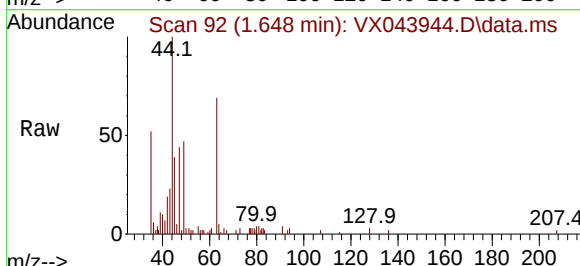
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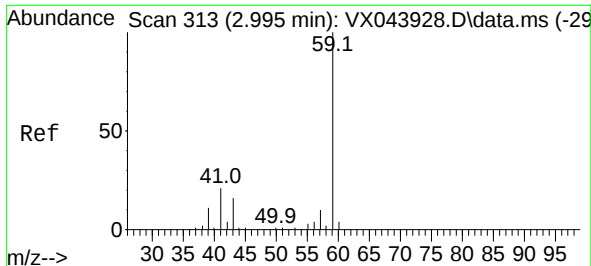
Tgt Ion: 64 Resp: 228

Ion Ratio Lower Upper

64 100

66 89.3 25.9 38.9#





#11

Tert butyl alcohol

Concen: 1.593 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX043944.D

Acq: 21 Nov 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

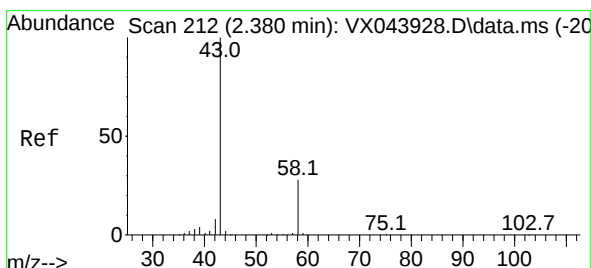
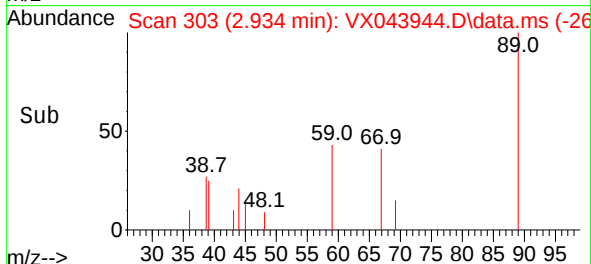
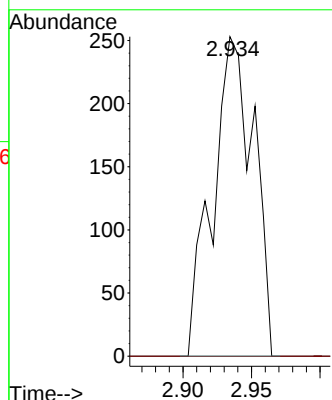
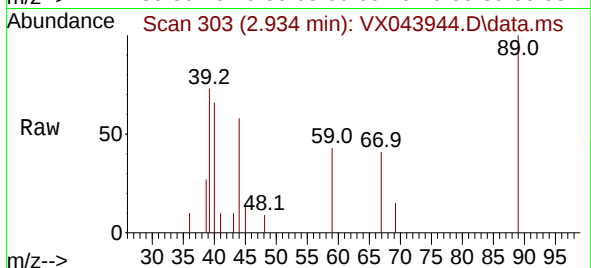
BPOW6-8-20241119

Tgt Ion: 59 Resp: 528

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#16

Acetone

Concen: 1.830 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX043944.D

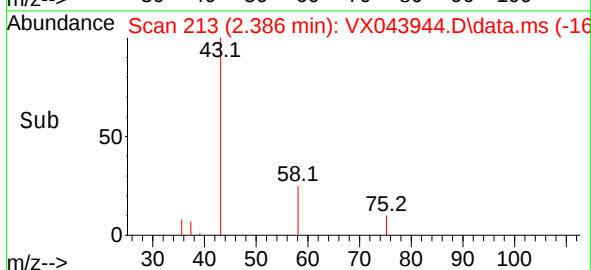
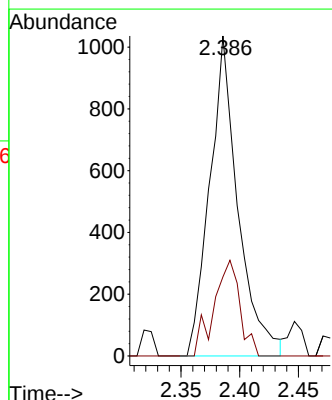
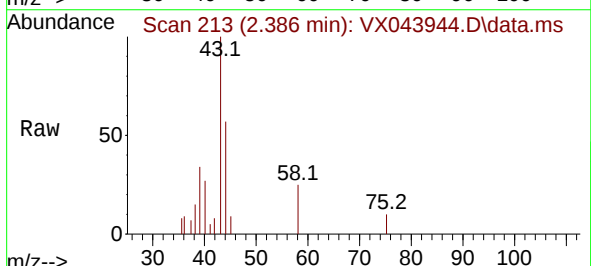
Acq: 21 Nov 2024 18:46

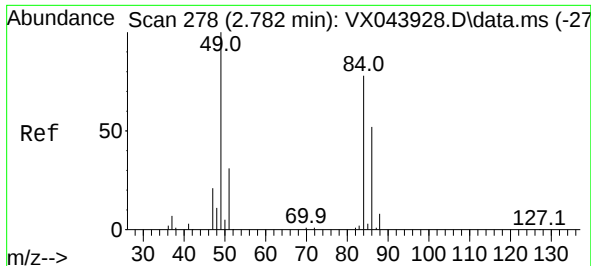
Tgt Ion: 43 Resp: 1736

Ion Ratio Lower Upper

43 100

58 24.7 22.7 34.1





#20

Methylene Chloride

Concen: 0.352 ug/l

RT: 2.776 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX043944.D

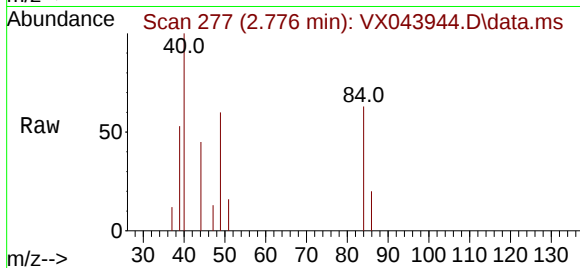
Acq: 21 Nov 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-8-20241119



Tgt Ion: 84 Resp: 567

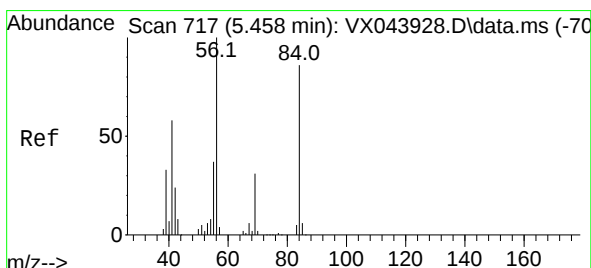
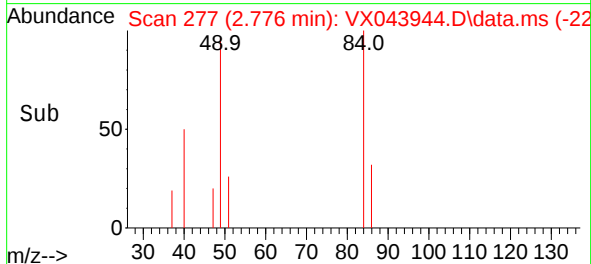
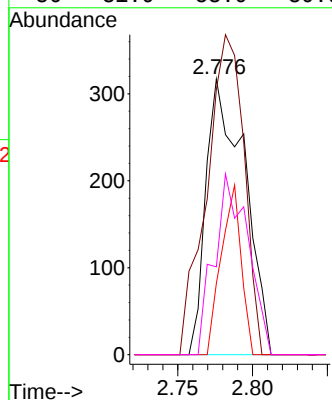
Ion Ratio Lower Upper

84 100

49 96.2 102.7 154.1#

51 25.9 31.7 47.5#

86 31.9 53.9 80.9#



#31

Cyclohexane

Concen: 1.322 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.091 min

Lab File: VX043944.D

Acq: 21 Nov 2024 18:46

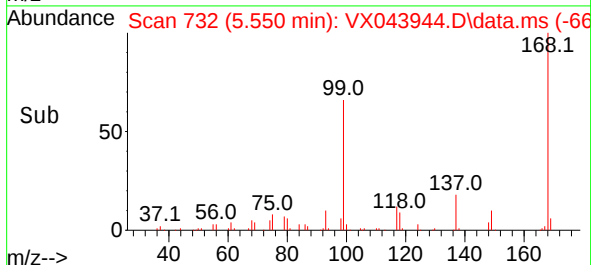
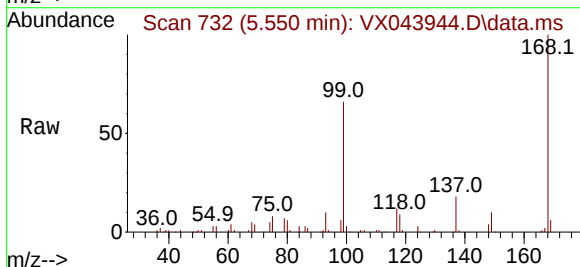
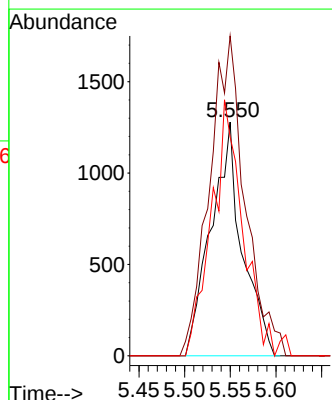
Tgt Ion: 56 Resp: 3043

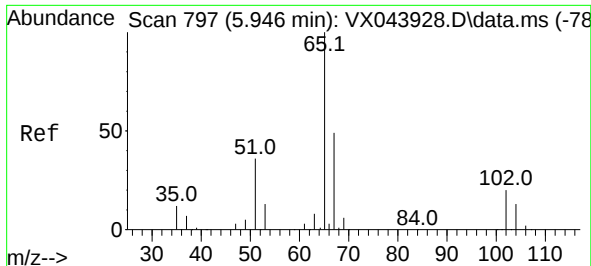
Ion Ratio Lower Upper

56 100

69 136.8 24.7 37.1#

84 93.7 68.7 103.1





#33

1,2-Dichloroethane-d4

Concen: 49.012 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX043944.D

Acq: 21 Nov 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

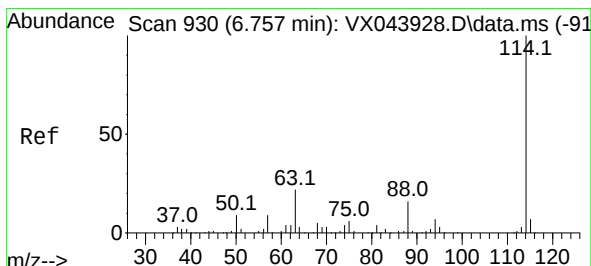
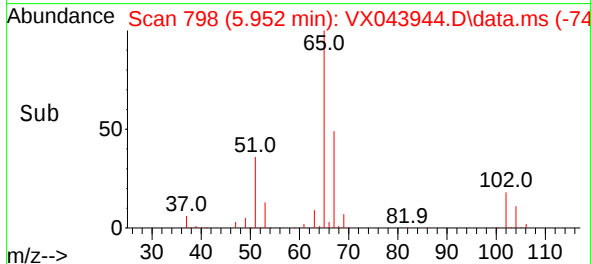
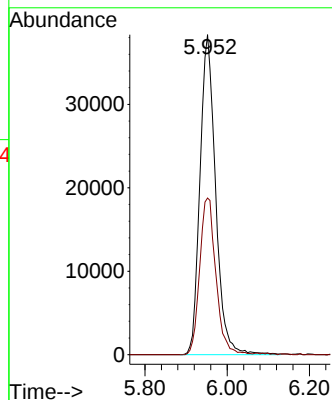
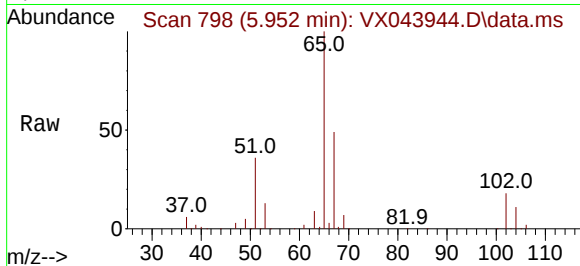
BPOW6-8-20241119

Tgt Ion: 65 Resp: 101235

Ion Ratio Lower Upper

65 100

67 50.7 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043944.D

Acq: 21 Nov 2024 18:46

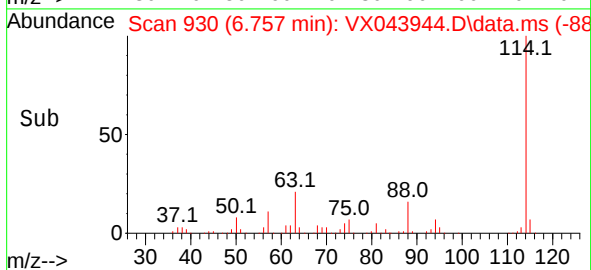
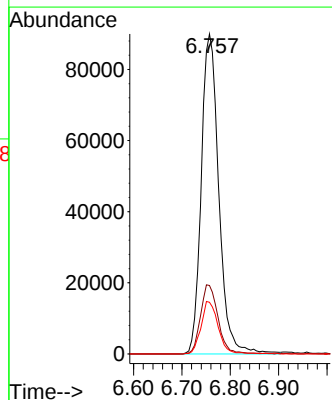
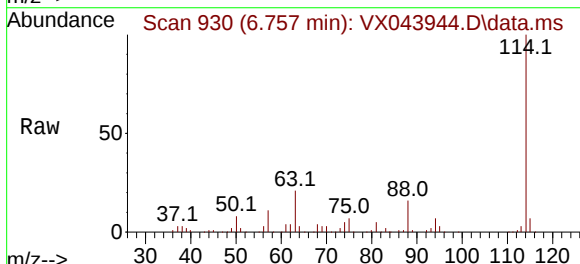
Tgt Ion: 114 Resp: 226777

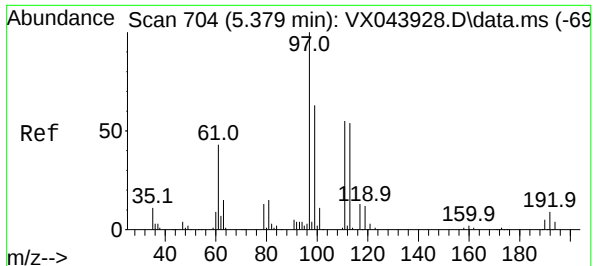
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.053 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043944.D

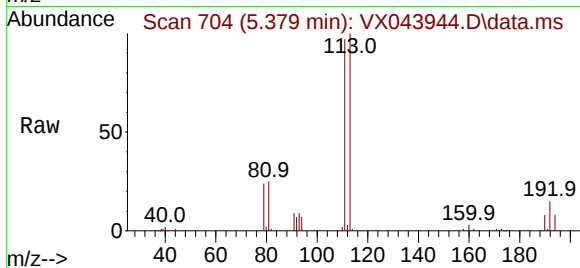
Acq: 21 Nov 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-8-20241119



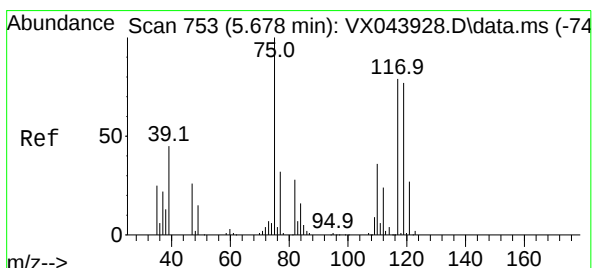
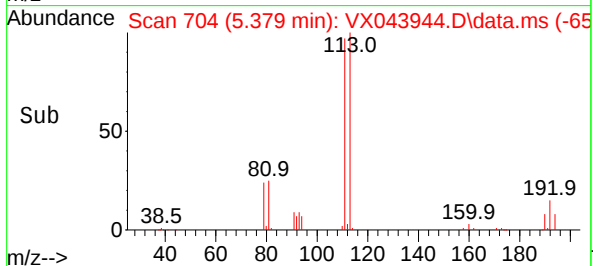
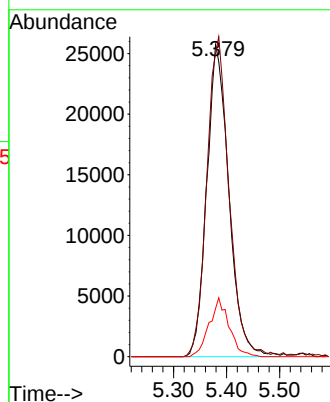
Tgt Ion:113 Resp: 74626

Ion Ratio Lower Upper

113 100

111 103.1 81.0 121.4

192 17.0 13.0 19.6



#36

1,1-Dichloropropene

Concen: 5.441 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX043944.D

Acq: 21 Nov 2024 18:46

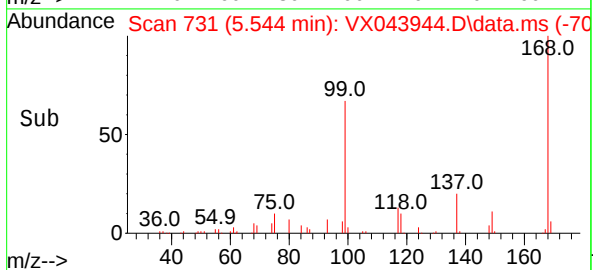
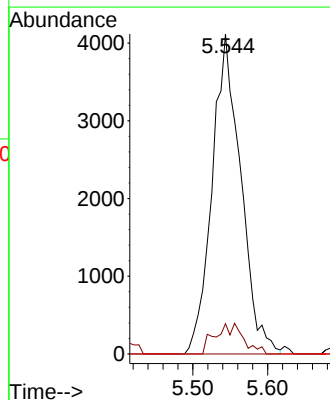
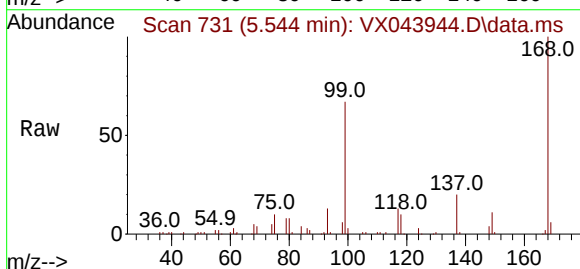
Tgt Ion: 75 Resp: 10986

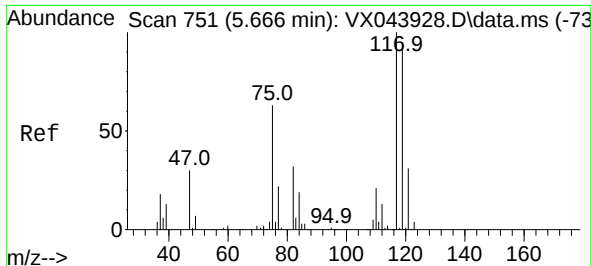
Ion Ratio Lower Upper

75 100

110 5.3 17.4 52.2#

77 0.0 25.8 38.8#





#38

Carbon Tetrachloride

Concen: 6.101 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX043944.D

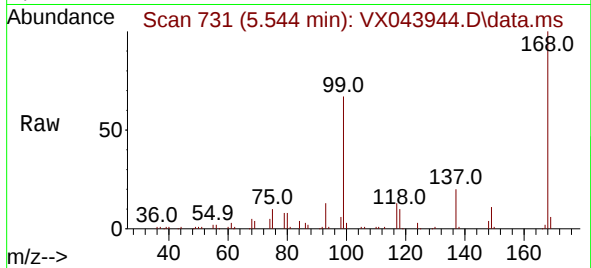
Acq: 21 Nov 2024 18:46

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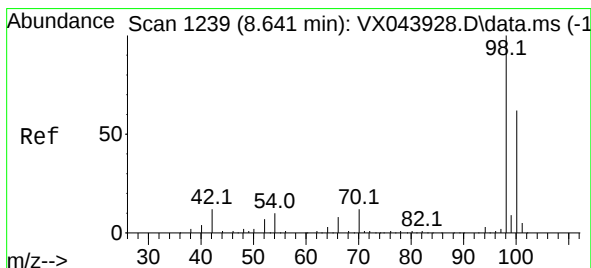
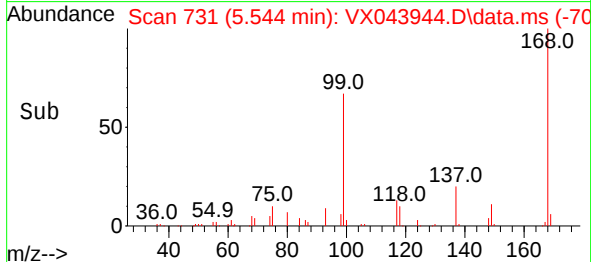
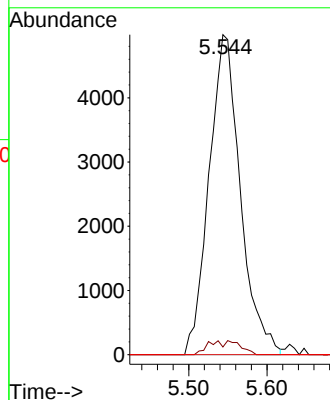
Tgt Ion:117 Resp: 13842

Ion Ratio Lower Upper

117 100

119 2.4 75.2 112.8#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 48.550 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX043944.D

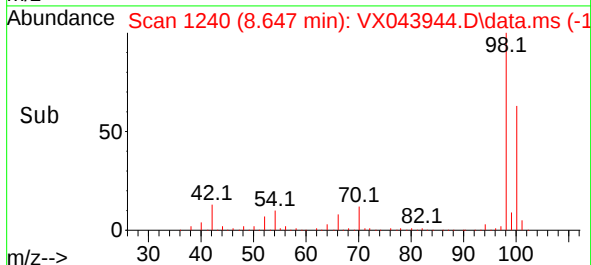
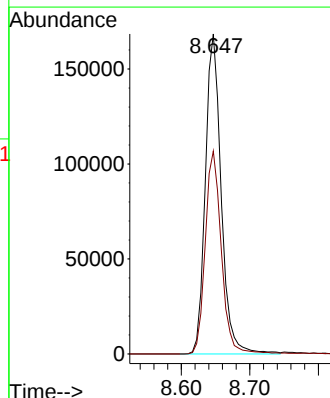
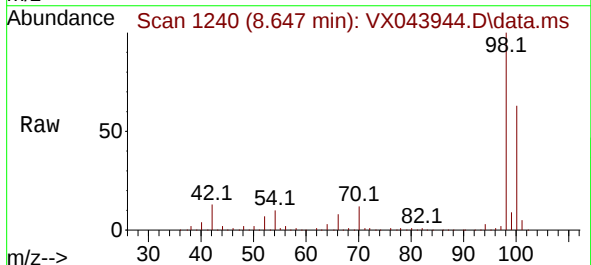
Acq: 21 Nov 2024 18:46

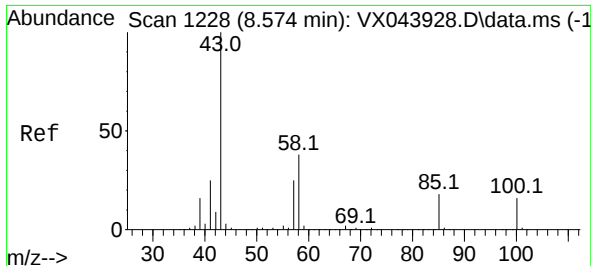
Tgt Ion: 98 Resp: 271193

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0

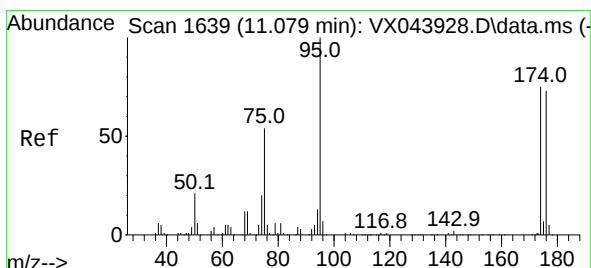
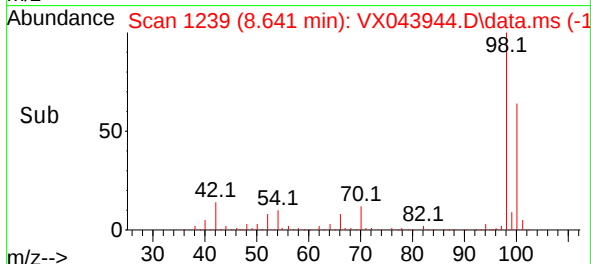
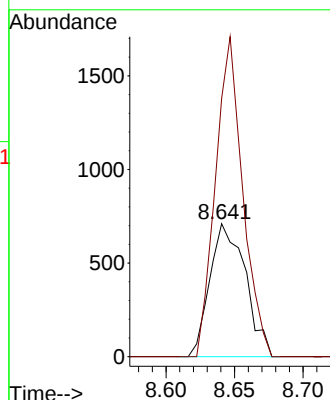
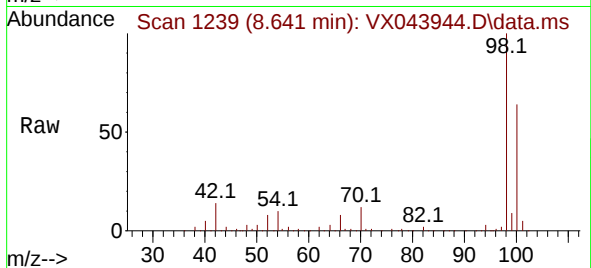




#51
4-Methyl-2-Pentanone
Concen: 0.525 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX043944.D
Acq: 21 Nov 2024 18:46

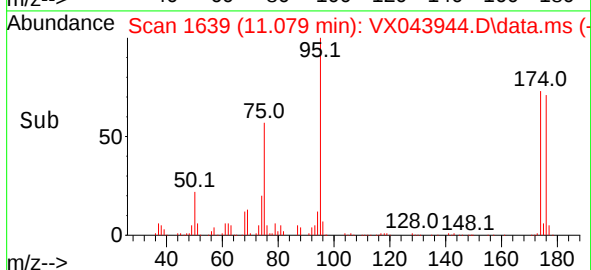
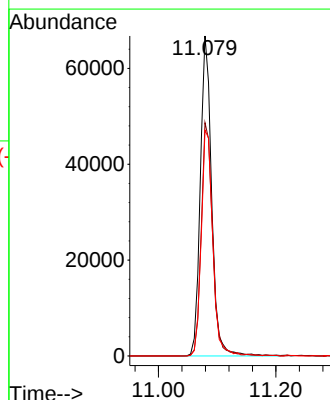
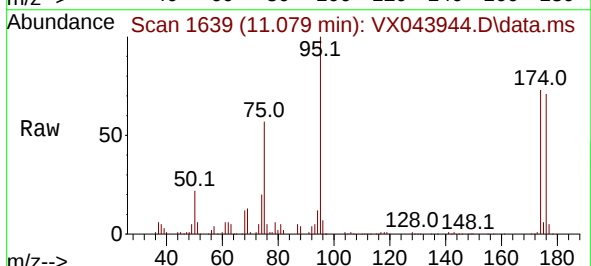
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-8-20241119

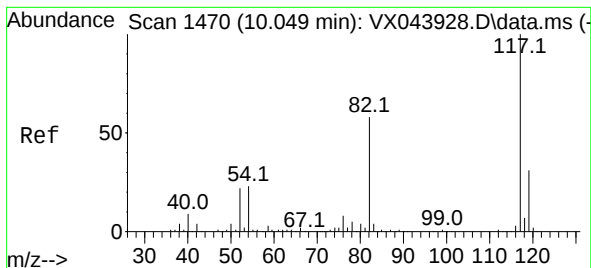
Tgt Ion: 43 Resp: 1279
Ion Ratio Lower Upper
43 100
58 185.1 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 47.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043944.D
Acq: 21 Nov 2024 18:46

Tgt Ion: 95 Resp: 89507
Ion Ratio Lower Upper
95 100
174 73.3 0.0 150.4
176 71.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX043944.D

Acq: 21 Nov 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-8-20241119

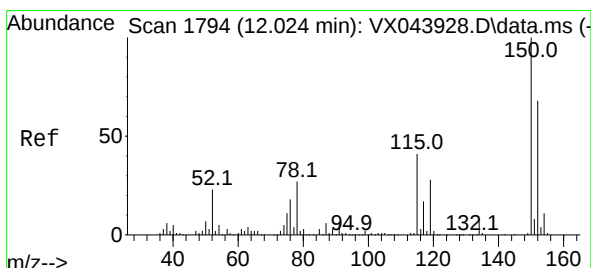
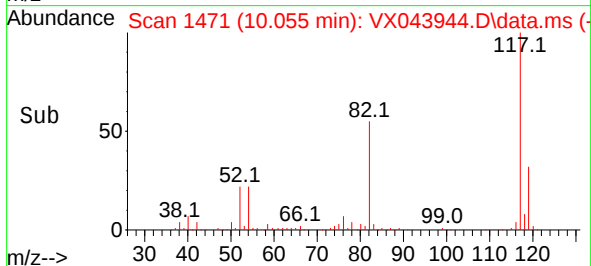
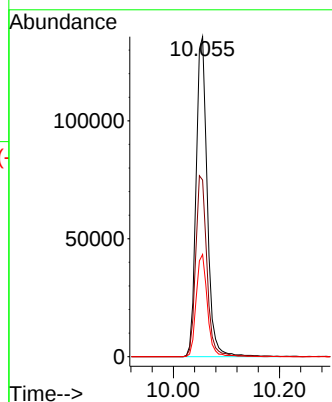
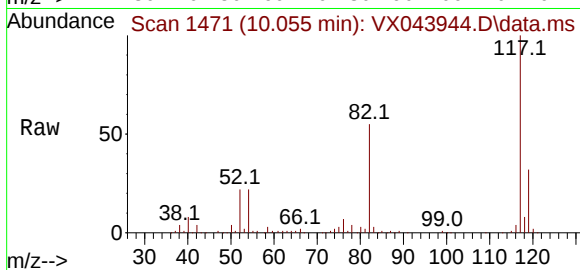
Tgt Ion:117 Resp: 198351

Ion Ratio Lower Upper

117 100

82 55.2 46.4 69.6

119 32.0 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043944.D

Acq: 21 Nov 2024 18:46

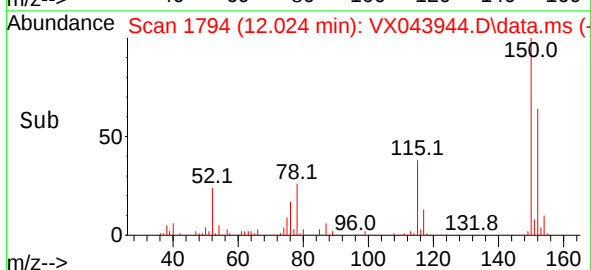
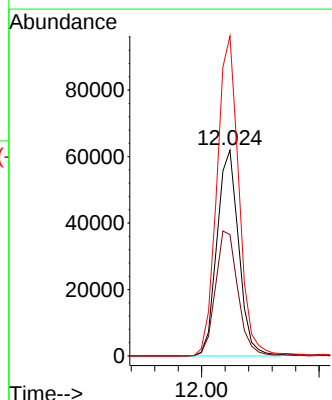
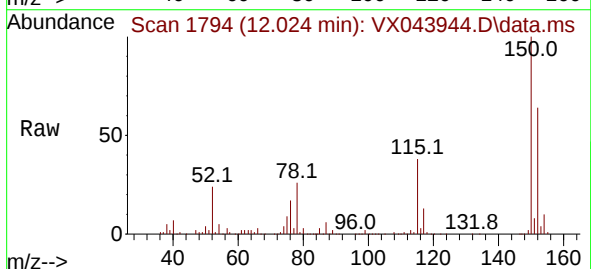
Tgt Ion:152 Resp: 79775

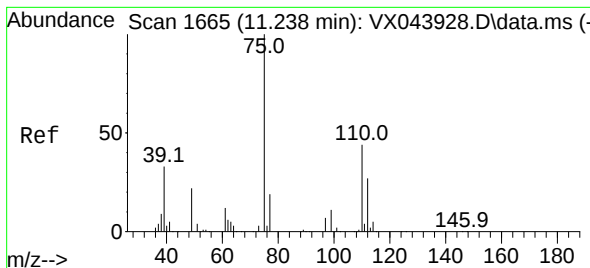
Ion Ratio Lower Upper

152 100

115 62.9 45.4 136.2

150 157.5 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 28.768 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX043944.D

Acq: 21 Nov 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

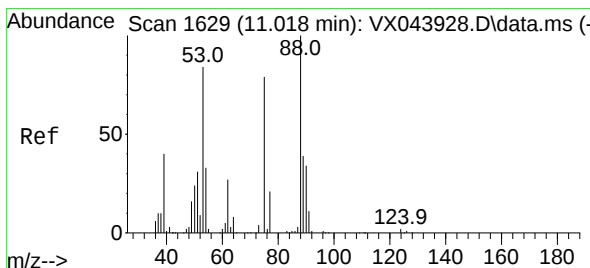
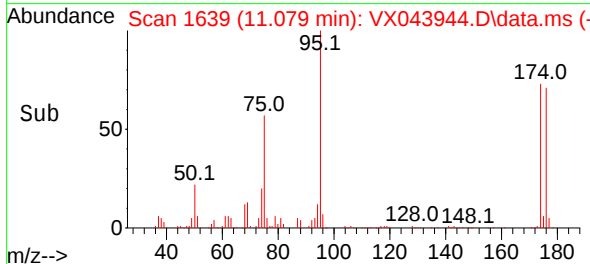
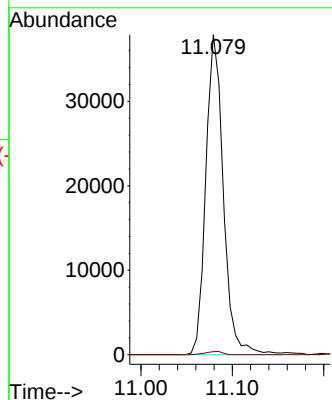
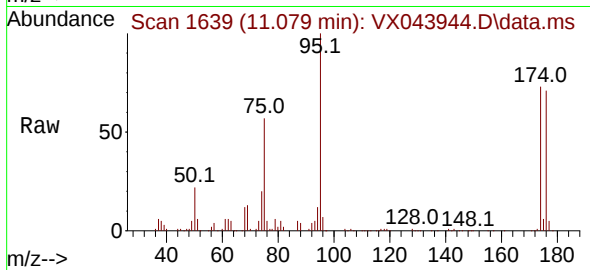
BPOW6-8-20241119

Tgt Ion: 75 Resp: 50329

Ion Ratio Lower Upper

75 100

77 1.0 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.502 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043944.D

Acq: 21 Nov 2024 18:46

Tgt Ion: 75 Resp: 50329

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

