

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043942.D
 Acq On : 21 Nov 2024 17:59
 Operator : JC/MD
 Sample : P4934-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-7-20241118

Quant Time: Nov 22 04:02:41 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)

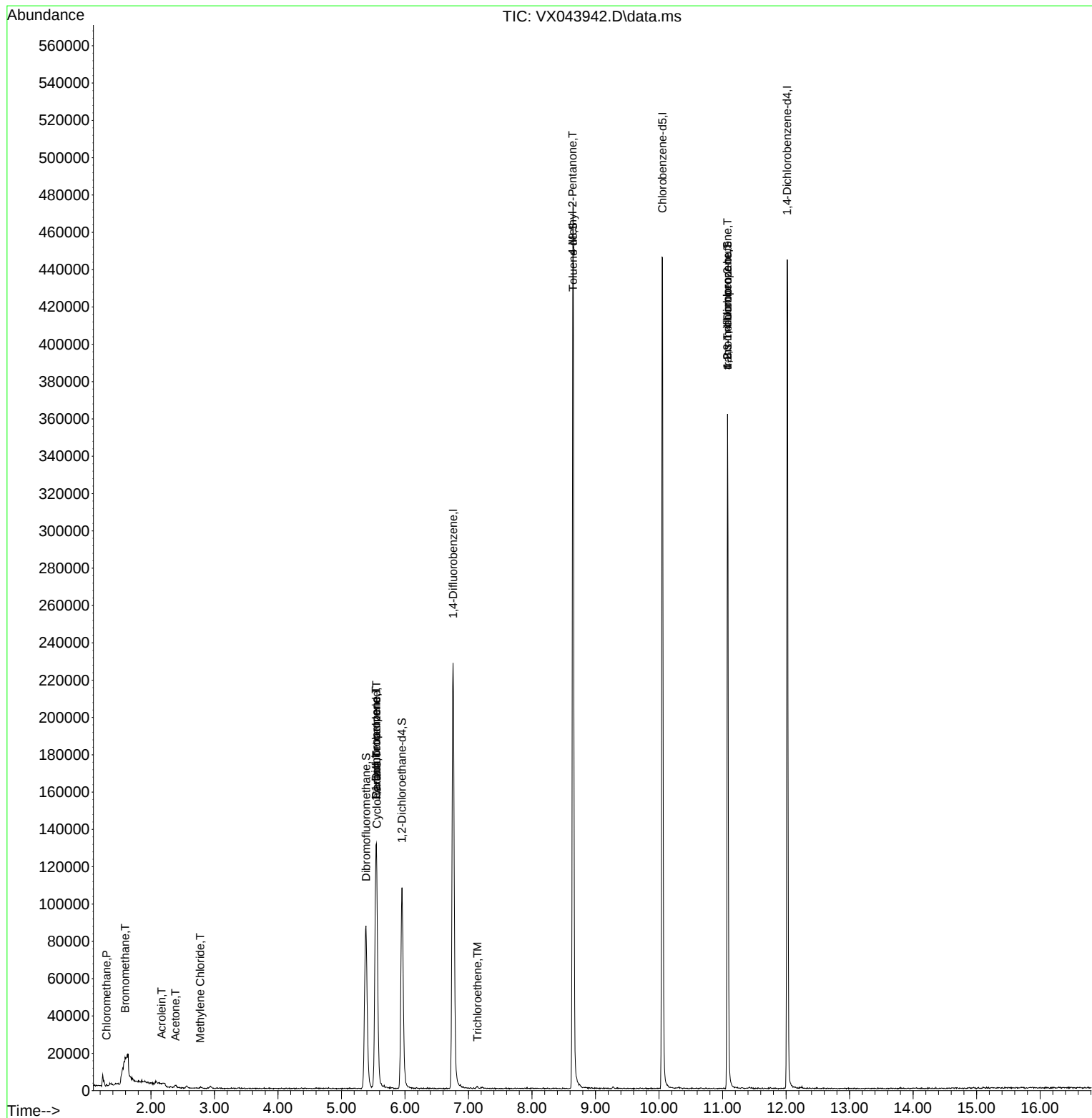
Internal Standards						
1) Pentafluorobenzene	5.550	168	120589	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	229817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100786	48.729	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.460%
35) Dibromofluoromethane	5.385	113	75258	45.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.660%
50) Toluene-d8	8.647	98	278665	49.228	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.079	95	93434	48.500	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	394	0.245	ug/l	92
5) Bromomethane	1.593	94	371	0.353	ug/l #	72
13) Acrolein	2.166	56	90	0.257	ug/l #	58
16) Acetone	2.386	43	1564	1.646	ug/l	91
20) Methylene Chloride	2.776	84	450	0.279	ug/l #	52
31) Cyclohexane	5.556	56	3383	1.468	ug/l #	41
36) 1,1-Dichloropropene	5.544	75	10866	5.310	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13683	5.951	ug/l #	18
44) Trichloroethene	7.141	130	441	0.244	ug/l	62
51) 4-Methyl-2-Pentanone	8.641	43	1520	0.616	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53363	28.059	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	53363	76.566	ug/l #	6

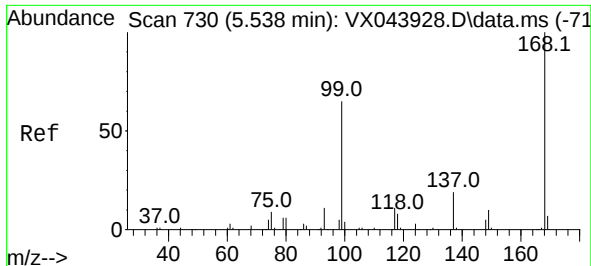
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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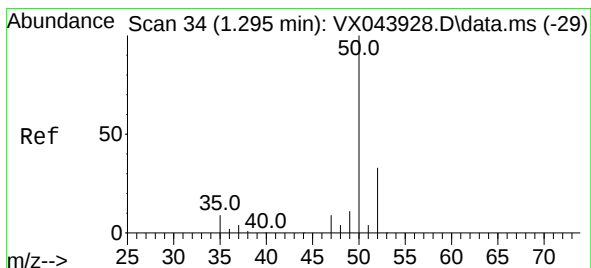
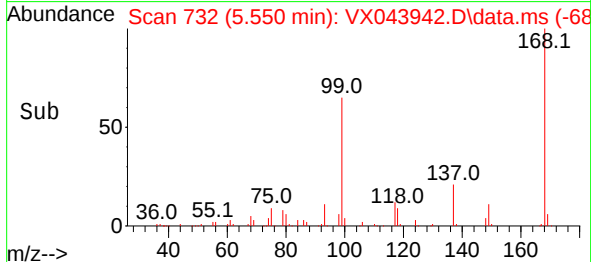
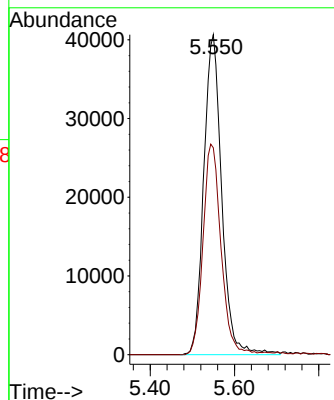
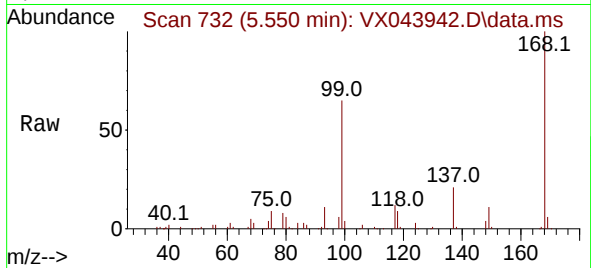




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX043942.D
Acq: 21 Nov 2024 17:59

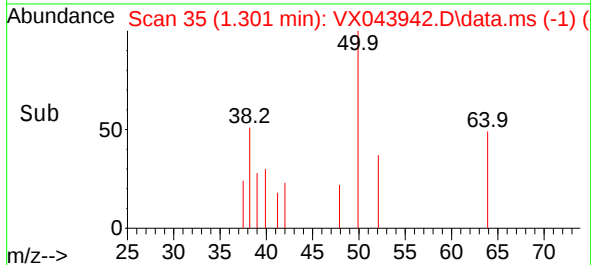
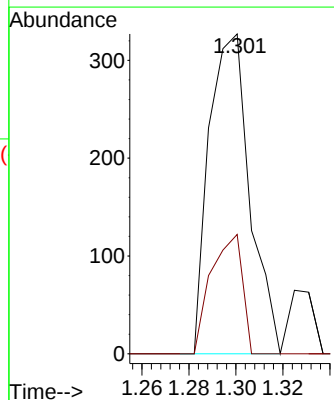
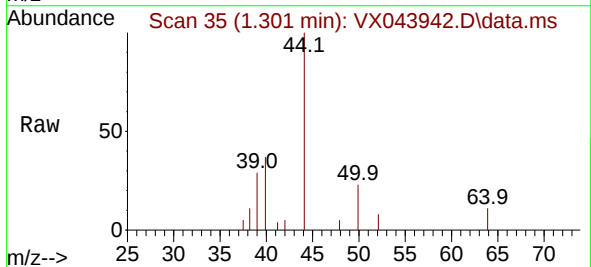
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20241118

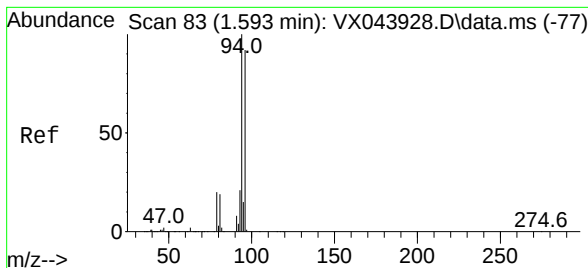
Tgt Ion:168 Resp: 120589
Ion Ratio Lower Upper
168 100
99 64.6 51.8 77.8



#3
Chloromethane
Concen: 0.245 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043942.D
Acq: 21 Nov 2024 17:59

Tgt Ion: 50 Resp: 394
Ion Ratio Lower Upper
50 100
52 37.3 26.1 39.1





#5

Bromomethane

Concen: 0.353 ug/l

RT: 1.593 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX043942.D

Acq: 21 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

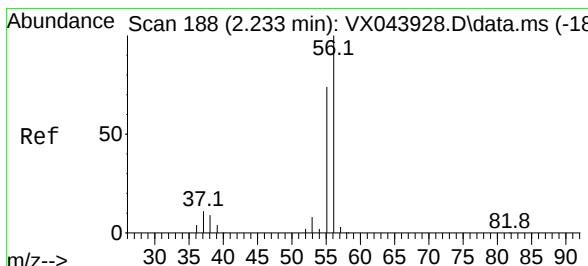
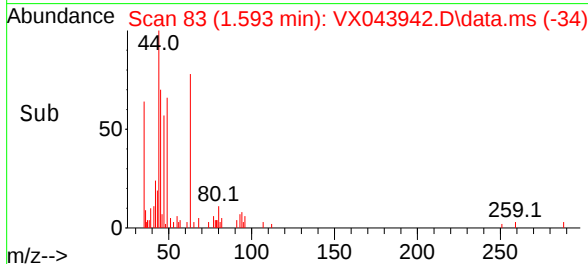
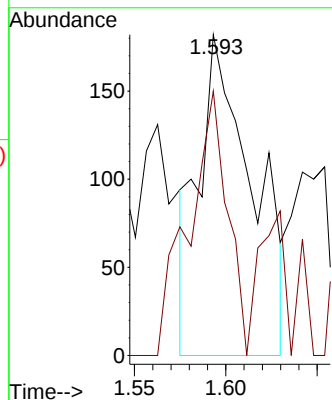
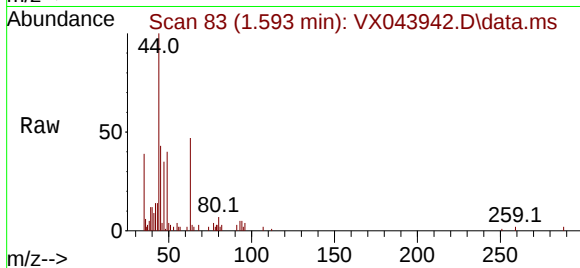
BPOW6-7-20241118

Tgt Ion: 94 Resp: 371

Ion Ratio Lower Upper

94 100

96 65.3 73.9 110.9#



#13

Acrolein

Concen: 0.257 ug/l

RT: 2.166 min Scan# 177

Delta R.T. -0.067 min

Lab File: VX043942.D

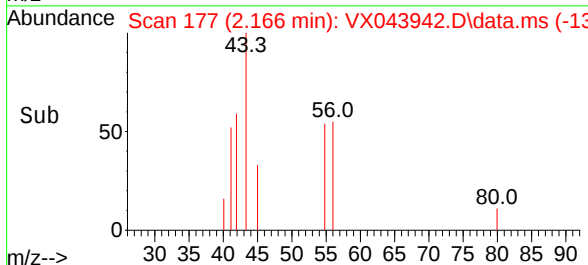
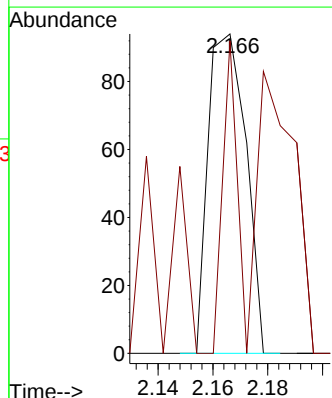
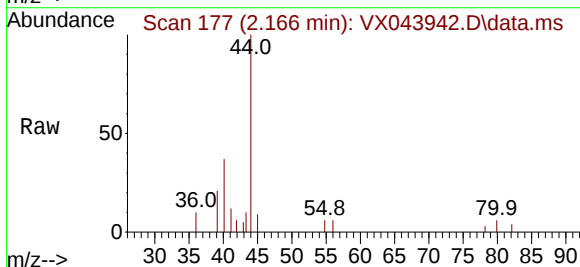
Acq: 21 Nov 2024 17:59

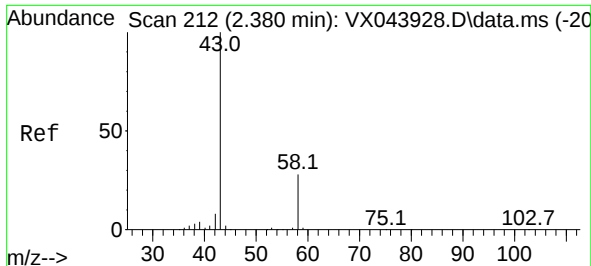
Tgt Ion: 56 Resp: 90

Ion Ratio Lower Upper

56 100

55 37.8 58.2 87.2#

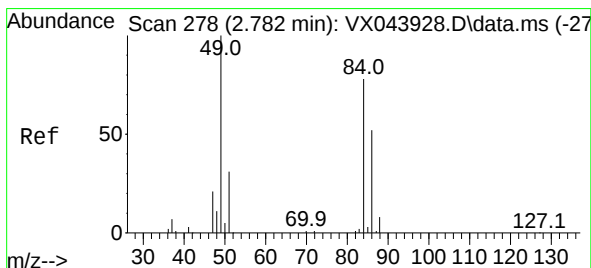
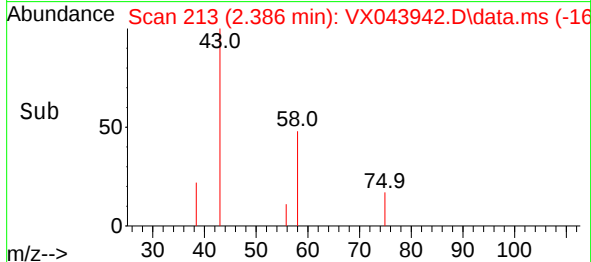
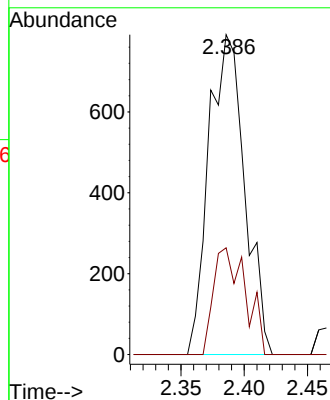
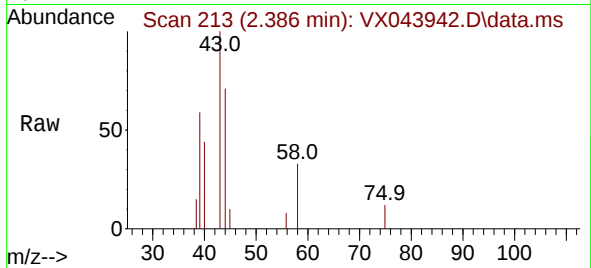




#16
Acetone
Concen: 1.646 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX043942.D
Acq: 21 Nov 2024 17:59

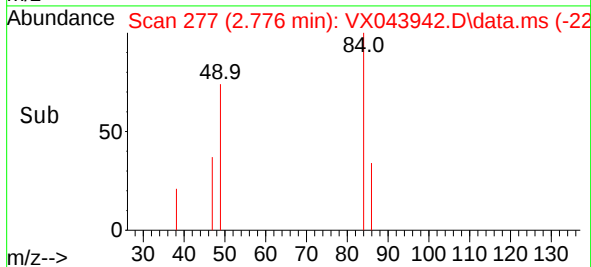
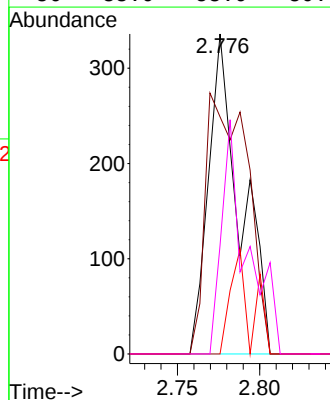
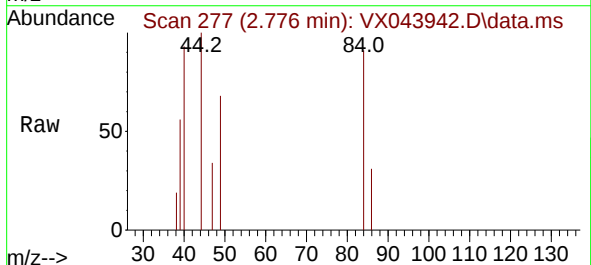
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20241118

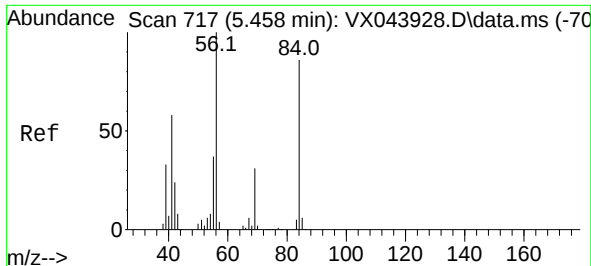
Tgt Ion: 43 Resp: 1564
Ion Ratio Lower Upper
43 100
58 33.4 22.7 34.1



#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX043942.D
Acq: 21 Nov 2024 17:59

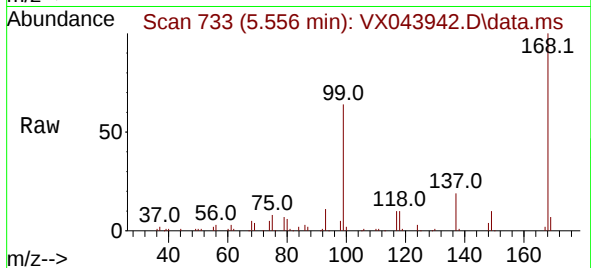
Tgt Ion: 84 Resp: 450
Ion Ratio Lower Upper
84 100
49 74.1 102.7 154.1#
51 0.0 31.7 47.5#
86 33.9 53.9 80.9#



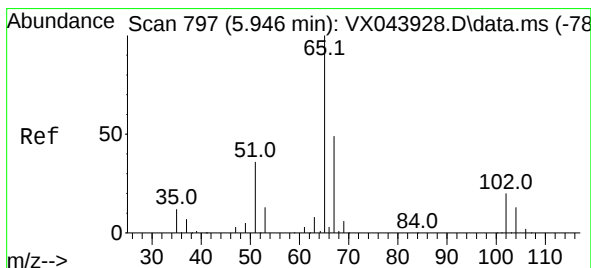
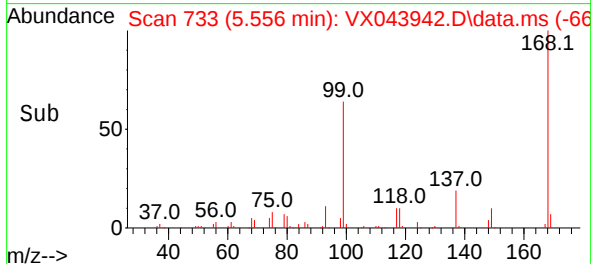
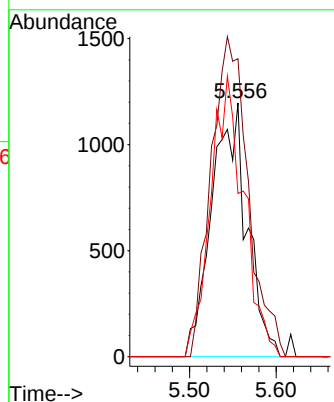


#31
Cyclohexane
Concen: 1.468 ug/l
RT: 5.556 min Scan# 717
Delta R.T. 0.097 min
Lab File: VX043942.D
Acq: 21 Nov 2024 17:59

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20241118

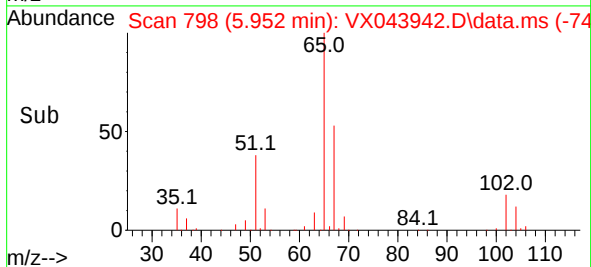
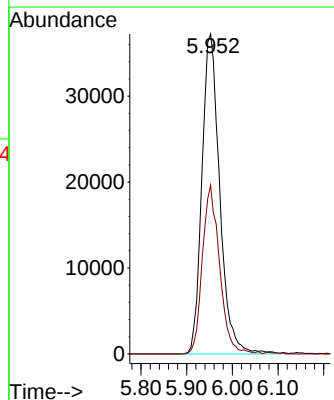
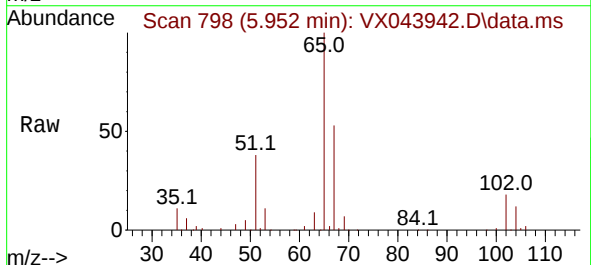


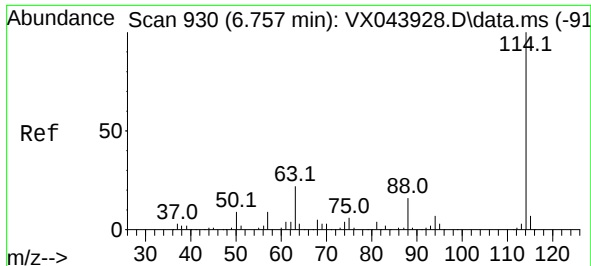
Tgt Ion: 56 Resp: 3383
Ion Ratio Lower Upper
56 100
69 117.4 24.7 37.1#
84 64.3 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 48.729 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043942.D
Acq: 21 Nov 2024 17:59

Tgt Ion: 65 Resp: 100786
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# 91

Delta R.T. -0.000 min

Lab File: VX043942.D

Acq: 21 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-7-20241118

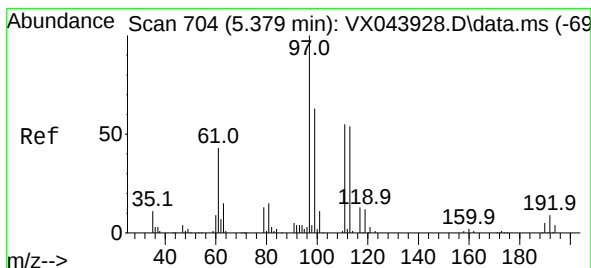
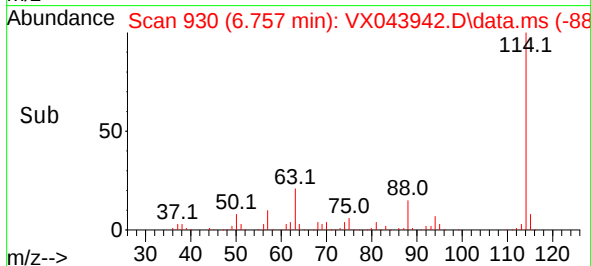
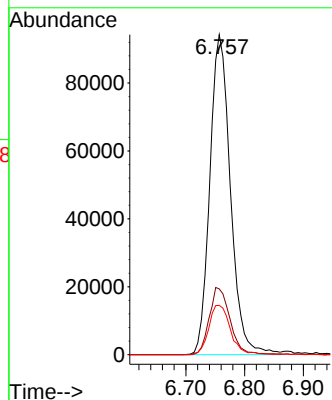
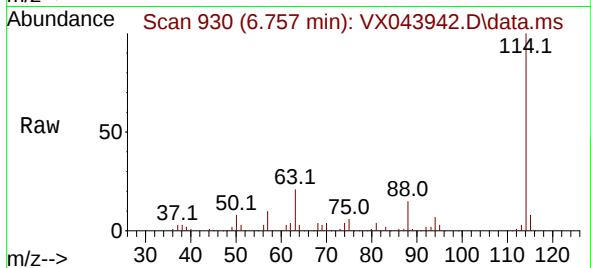
Tgt Ion:114 Resp: 229817

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.0

88 15.4 0.0 32.4



#35

Dibromofluoromethane

Concen: 45.829 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX043942.D

Acq: 21 Nov 2024 17:59

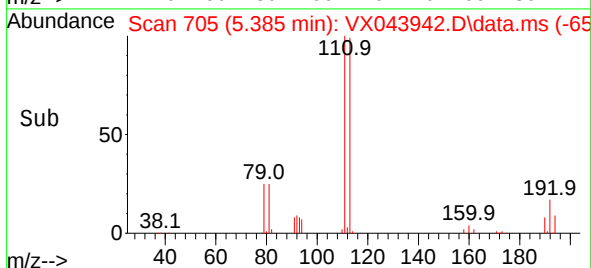
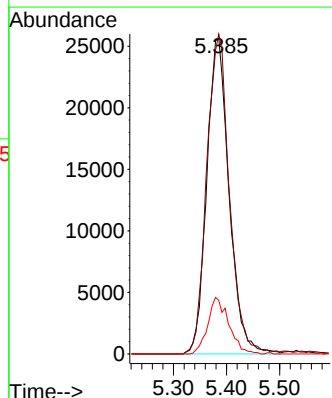
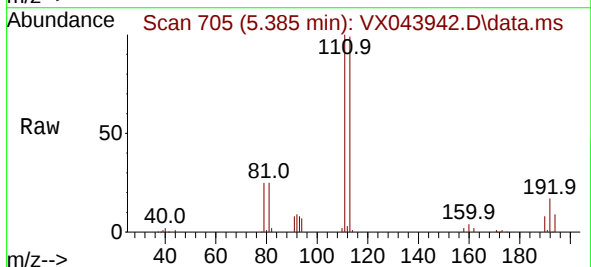
Tgt Ion:113 Resp: 75258

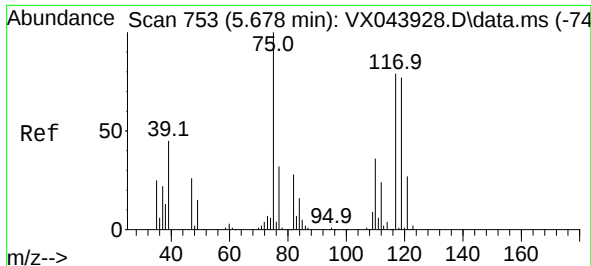
Ion Ratio Lower Upper

113 100

111 102.3 81.0 121.4

192 16.9 13.0 19.6

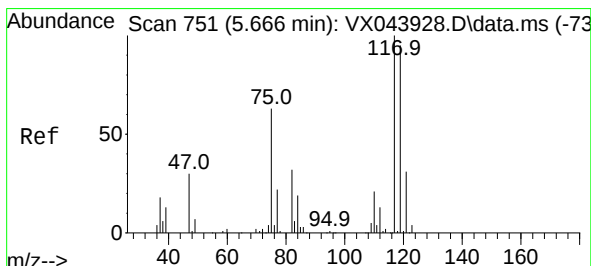
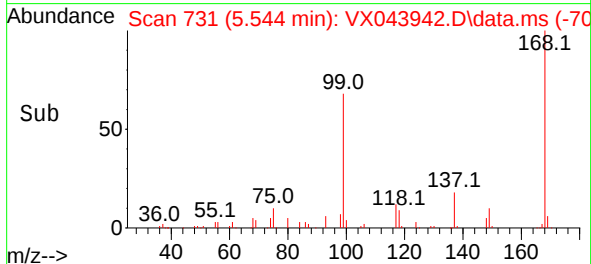
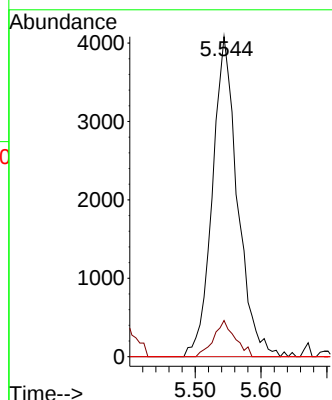
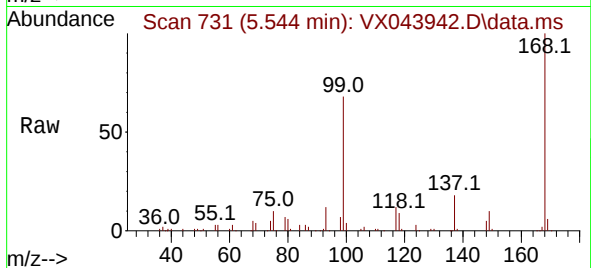




#36
1,1-Dichloropropene
Concen: 5.310 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043942.D
Acq: 21 Nov 2024 17:59

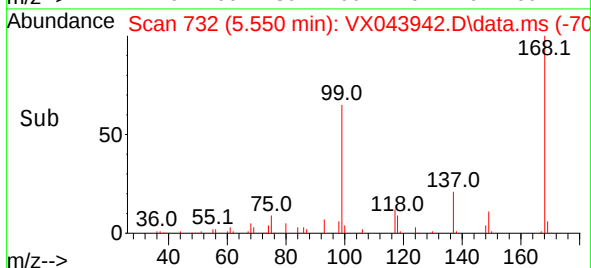
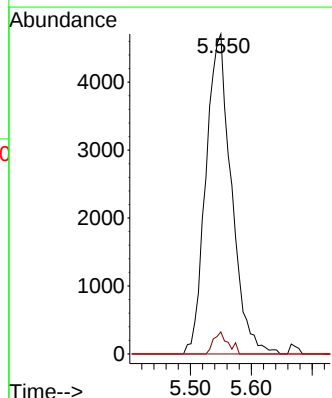
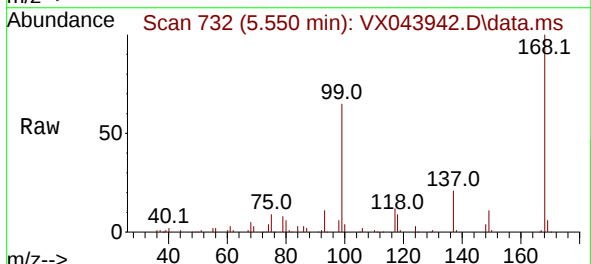
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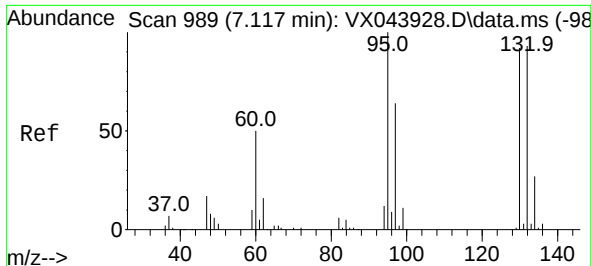
Tgt Ion: 75 Resp: 10866
Ion Ratio Lower Upper
75 100
110 9.6 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 5.951 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.116 min
Lab File: VX043942.D
Acq: 21 Nov 2024 17:59

Tgt Ion: 117 Resp: 13683
Ion Ratio Lower Upper
117 100
119 6.9 75.2 112.8#
121 0.0 24.5 36.7#

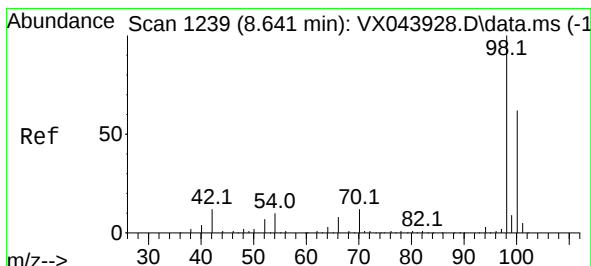
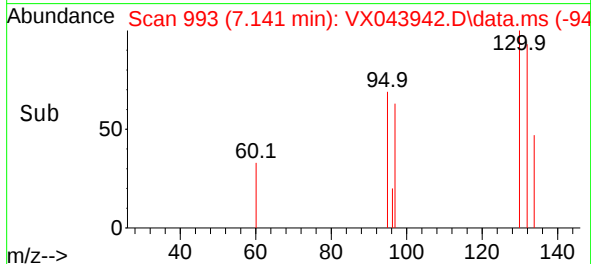
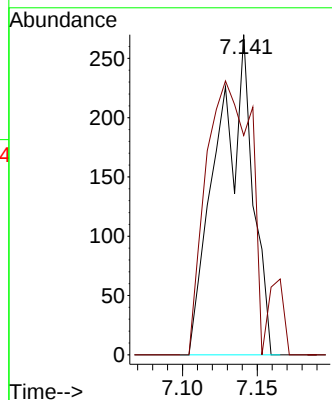
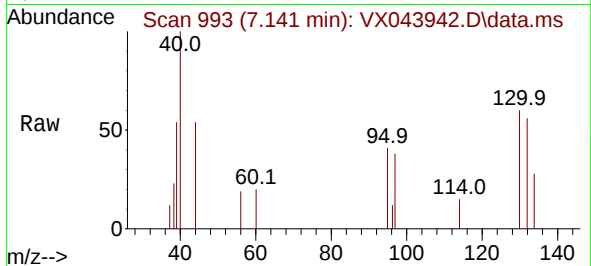




#44
Trichloroethene
Concen: 0.244 ug/l
RT: 7.141 min Scan# 94
Delta R.T. 0.024 min
Lab File: VX043942.D
Acq: 21 Nov 2024 17:59

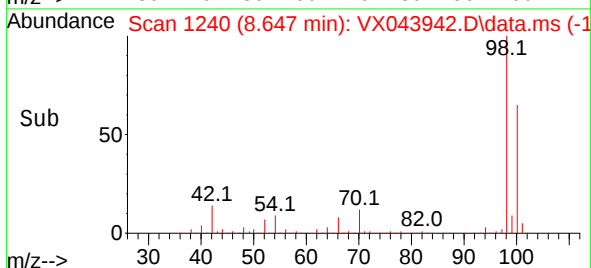
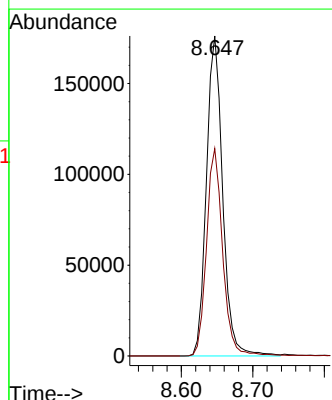
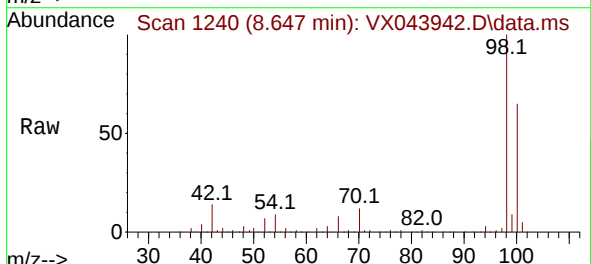
Instrument :
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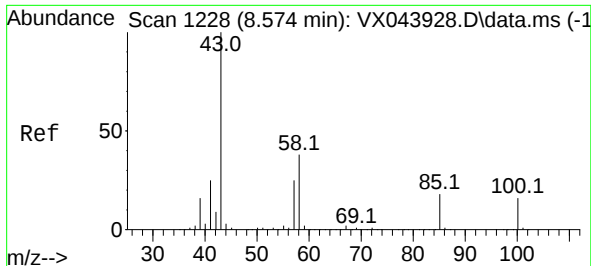
Tgt Ion:130 Resp: 441
Ion Ratio Lower Upper
130 100
95 68.5 0.0 217.8



#50
Toluene-d8
Concen: 49.228 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043942.D
Acq: 21 Nov 2024 17:59

Tgt Ion: 98 Resp: 278665
Ion Ratio Lower Upper
98 100
100 64.8 52.6 79.0

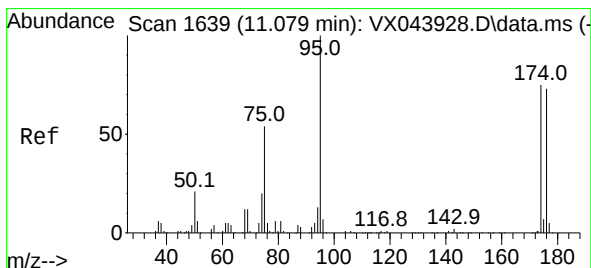
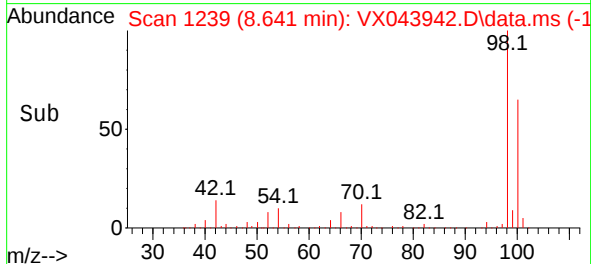
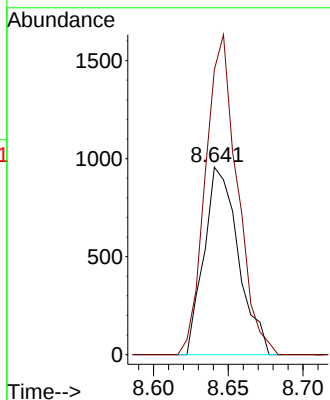
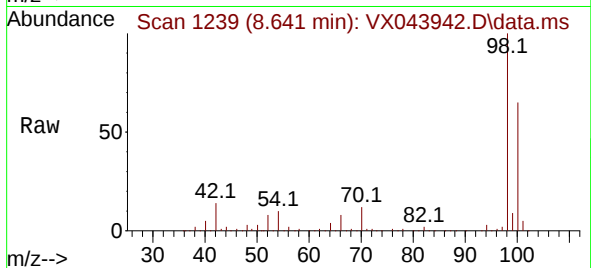




#51
4-Methyl-2-Pentanone
Concen: 0.616 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX043942.D
Acq: 21 Nov 2024 17:59

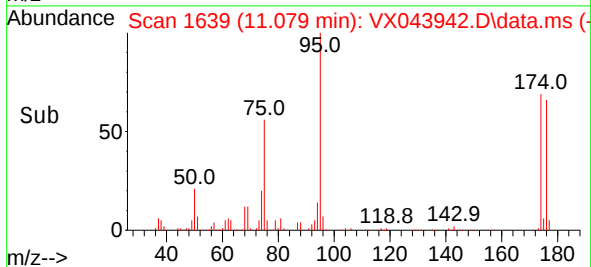
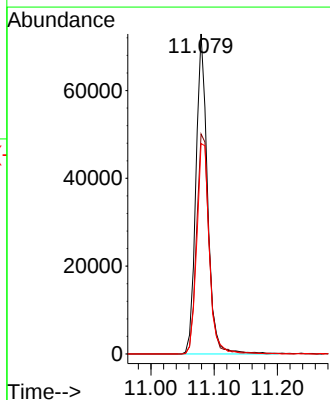
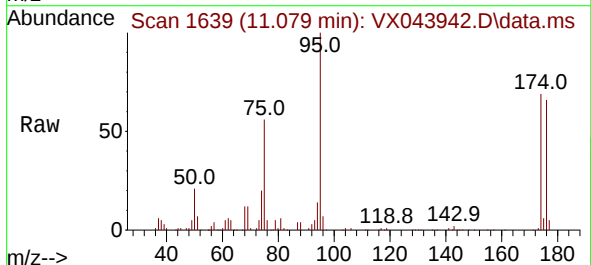
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20241118

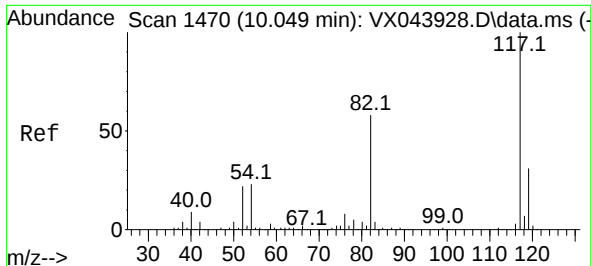
Tgt Ion: 43 Resp: 1520
Ion Ratio Lower Upper
43 100
58 159.1 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 48.500 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043942.D
Acq: 21 Nov 2024 17:59

Tgt Ion: 95 Resp: 93434
Ion Ratio Lower Upper
95 100
174 74.2 0.0 150.4
176 70.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX043942.D

Acq: 21 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-7-20241118

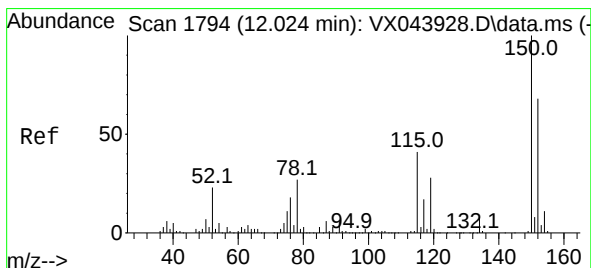
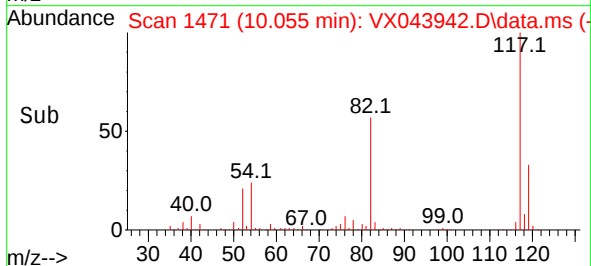
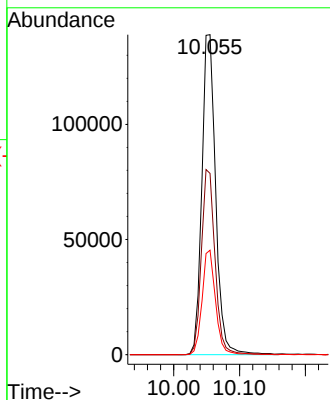
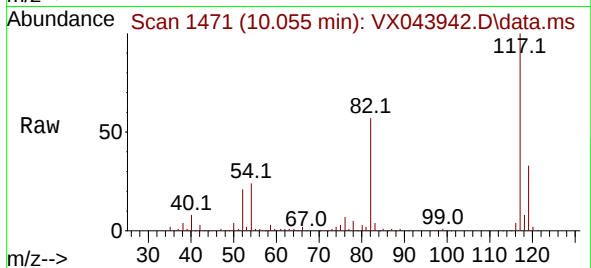
Tgt Ion:117 Resp: 203544

Ion Ratio Lower Upper

117 100

82 56.7 46.4 69.6

119 32.7 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX043942.D

Acq: 21 Nov 2024 17:59

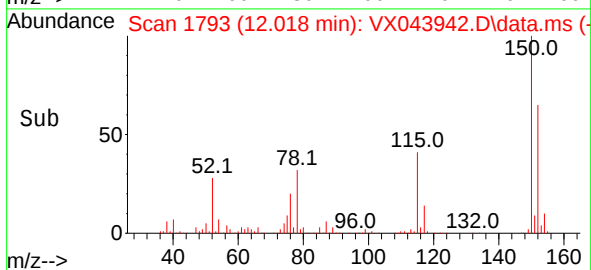
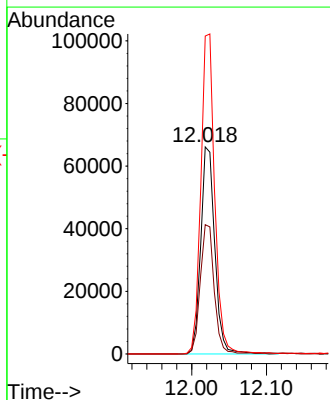
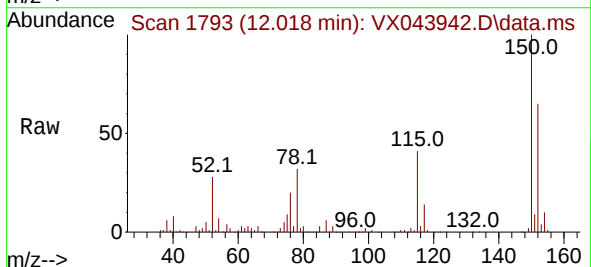
Tgt Ion:152 Resp: 86723

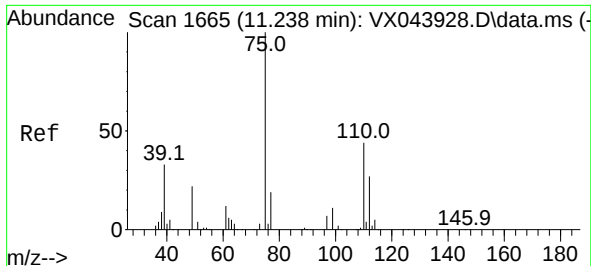
Ion Ratio Lower Upper

152 100

115 61.9 45.4 136.2

150 152.4 0.0 353.0





#76

1,2,3-Trichloropropane

Concen: 28.059 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043942.D

Acq: 21 Nov 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

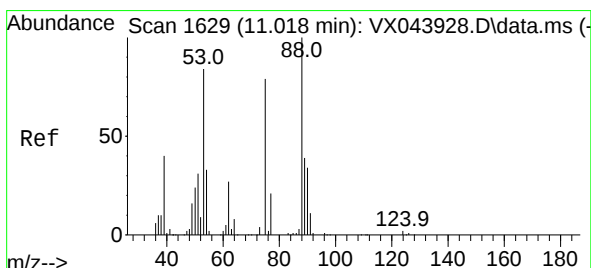
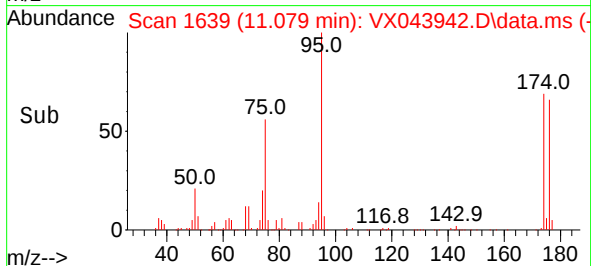
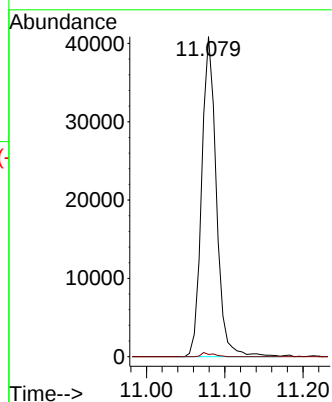
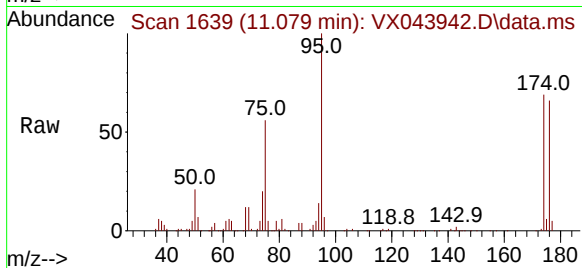
BPOW6-7-20241118

Tgt Ion: 75 Resp: 53363

Ion Ratio Lower Upper

75 100

77 1.0 21.8 65.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.566 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043942.D

Acq: 21 Nov 2024 17:59

Tgt Ion: 75 Resp: 53363

Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

