

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045324.D
 Acq On : 18 Mar 2025 14:51
 Operator : JC/MD
 Sample : Q1557-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-7-20250312

Quant Time: Mar 19 01:45:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	65133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128210	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58432	56.400	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.800%			
35) Dibromofluoromethane	5.379	113	45794	53.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.840%			
50) Toluene-d8	8.647	98	161091	51.830	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.660%			
62) 4-Bromofluorobenzene	11.079	95	55924	54.300	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.600%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	289	0.288	ug/l #	43
11) Tert butyl alcohol	2.947	59	52	0.265	ug/l #	73
16) Acetone	2.386	43	1294	2.692	ug/l #	79
20) Methylene Chloride	2.776	84	196	0.206	ug/l #	76
31) Cyclohexane	5.550	56	1801	1.278	ug/l #	28
36) 1,1-Dichloropropene	5.538	75	6149	5.230	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7534	6.312	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	875	0.582	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31690	27.349	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31690	93.593	ug/l #	6

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

Quant Time: Mar 19 01:45:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
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QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

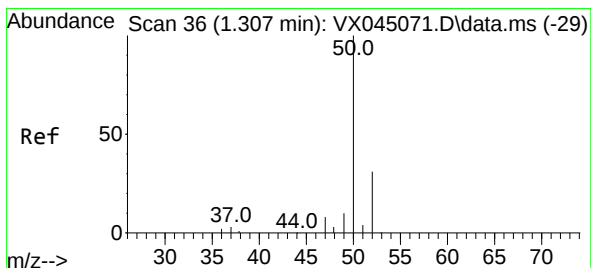
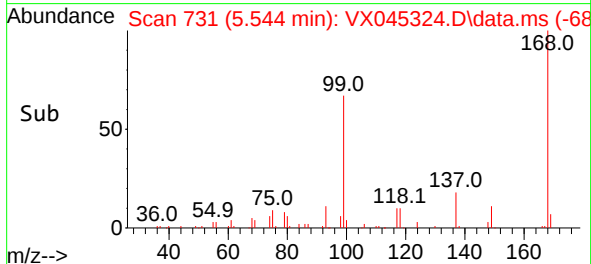
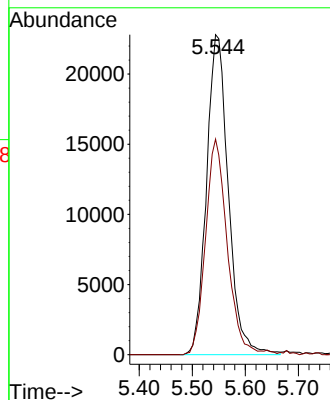
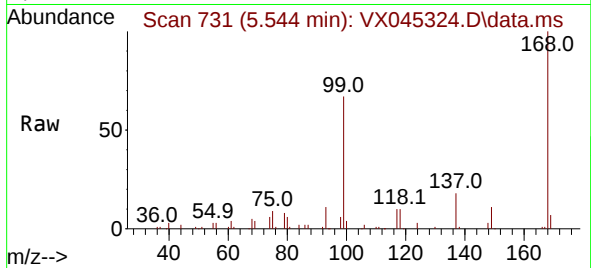




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

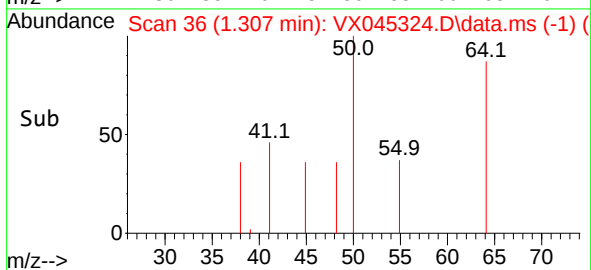
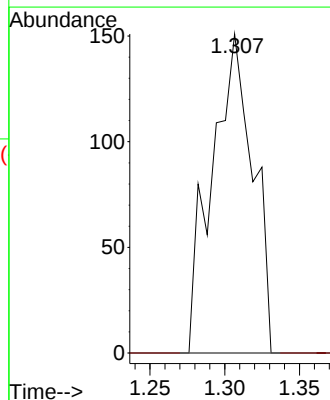
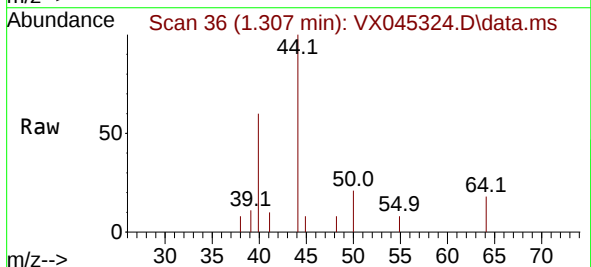
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250312

Tgt Ion:168 Resp: 65133
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.4



#3
Chloromethane
Concen: 0.288 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Tgt Ion: 50 Resp: 289
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 0.265 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX045324.D

Acq: 18 Mar 2025 14:51

Instrument :

MSVOA_X

ClientSampleId :

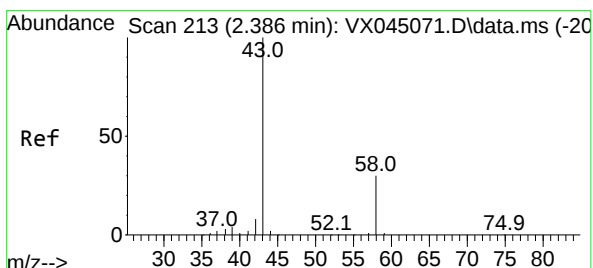
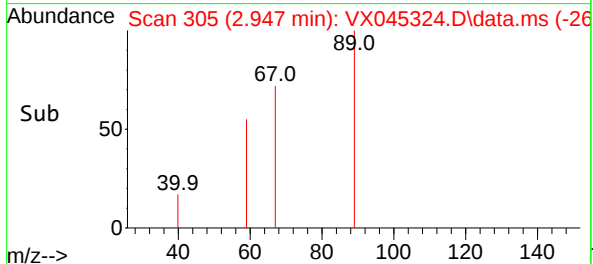
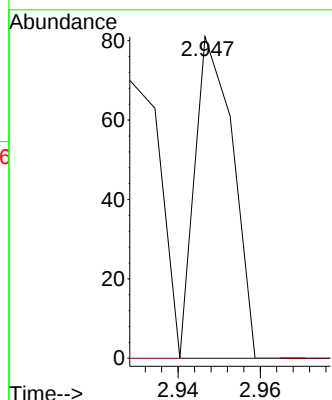
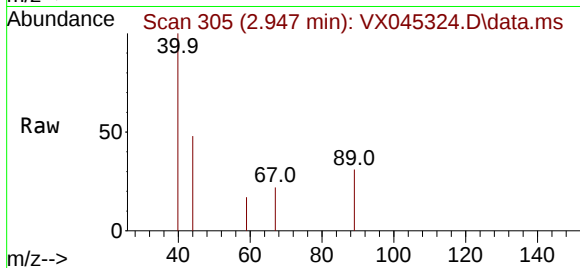
BPOW6-7-20250312

Tgt Ion: 59 Resp: 52

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 2.692 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045324.D

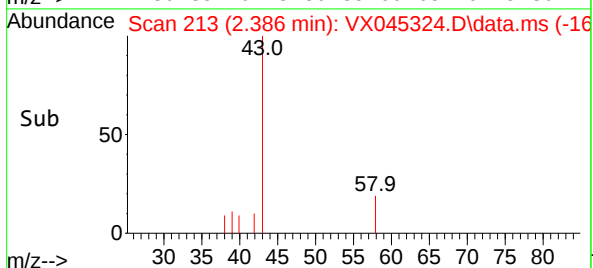
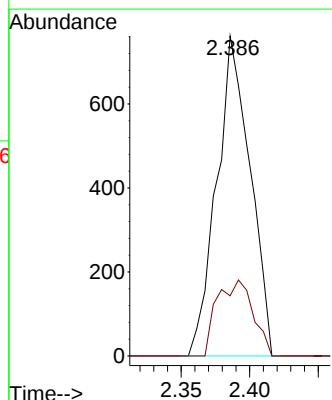
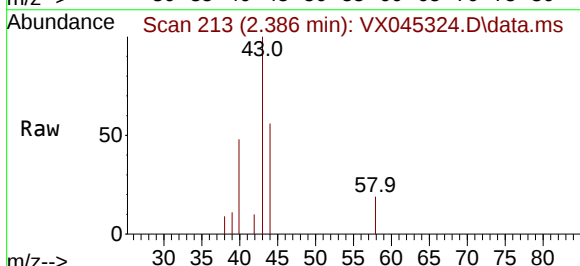
Acq: 18 Mar 2025 14:51

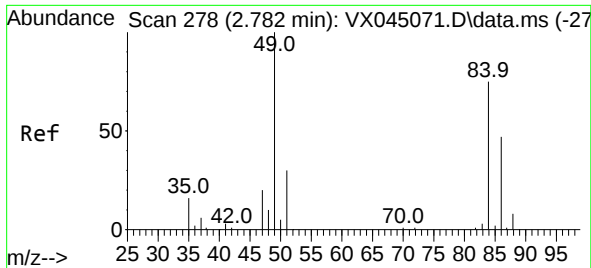
Tgt Ion: 43 Resp: 1294

Ion Ratio Lower Upper

43 100

58 18.8 24.2 36.4#

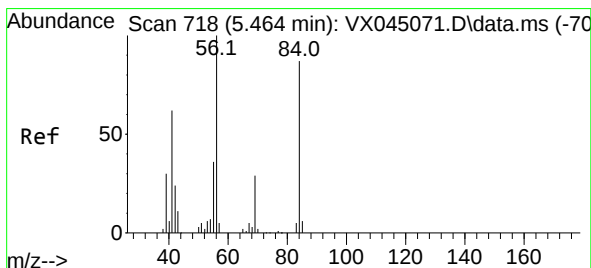
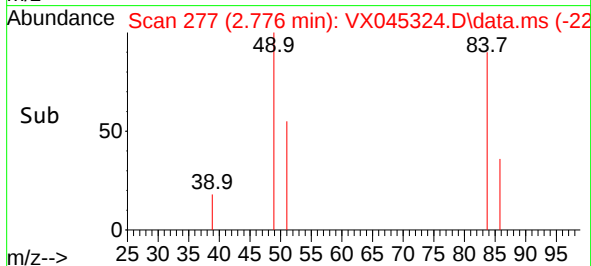
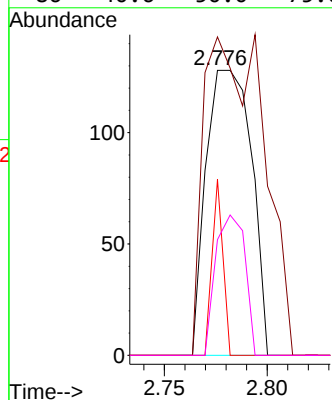
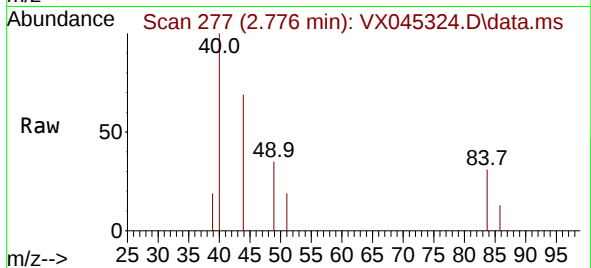




#20
Methylene Chloride
Concen: 0.206 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

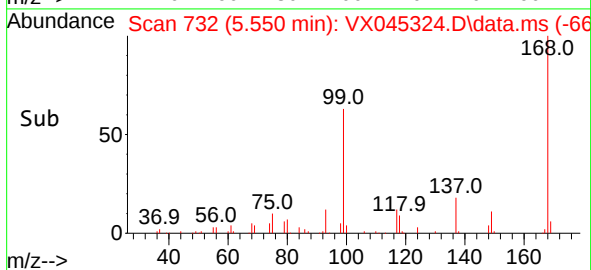
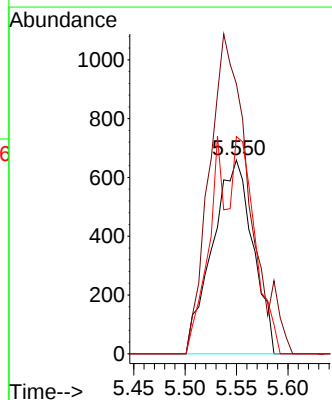
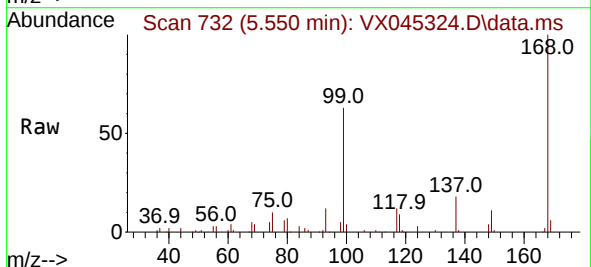
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250312

Tgt Ion:	84	Resp:	196
Ion	Ratio	Lower	Upper
84	100		
49	111.7	106.5	159.7
51	61.7	32.1	48.1#
86	40.6	50.0	75.0#



#31
Cyclohexane
Concen: 1.278 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Tgt Ion:	56	Resp:	1801
Ion	Ratio	Lower	Upper
56	100		
69	139.5	23.4	35.2#
84	112.1	69.4	104.2#





#33

1,2-Dichloroethane-d4

Concen: 56.400 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045324.D

Acq: 18 Mar 2025 14:51

Instrument :

MSVOA_X

ClientSampleId :

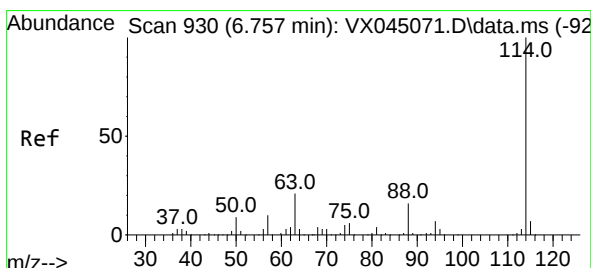
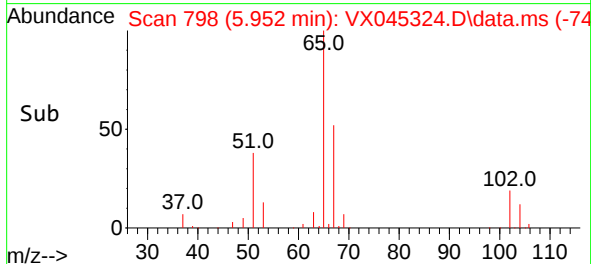
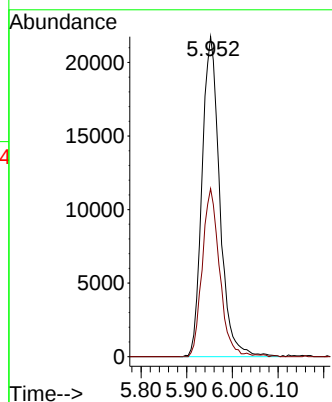
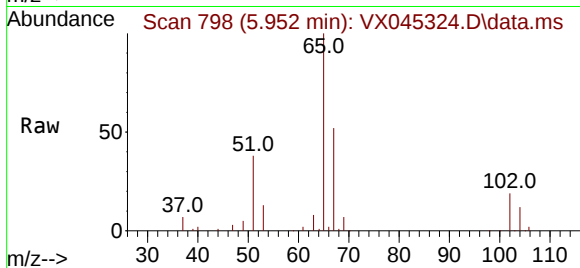
BPOW6-7-20250312

Tgt Ion: 65 Resp: 58432

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045324.D

Acq: 18 Mar 2025 14:51

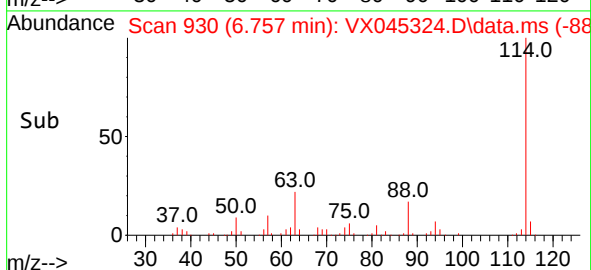
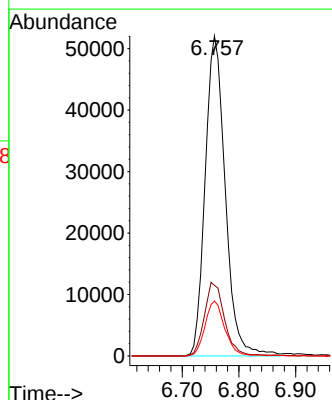
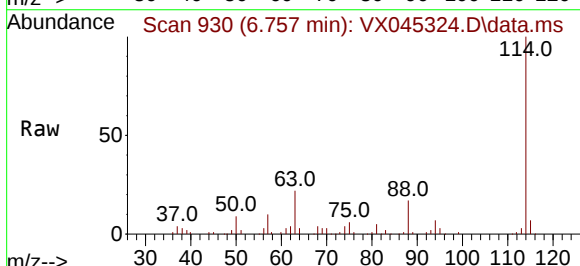
Tgt Ion: 114 Resp: 128210

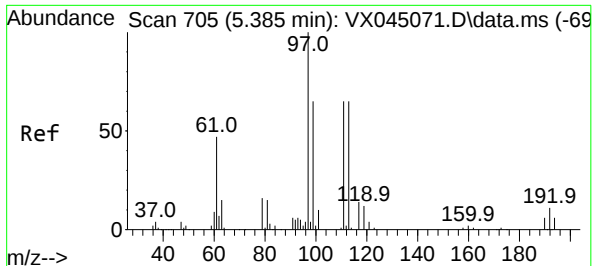
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 17.1 0.0 32.8

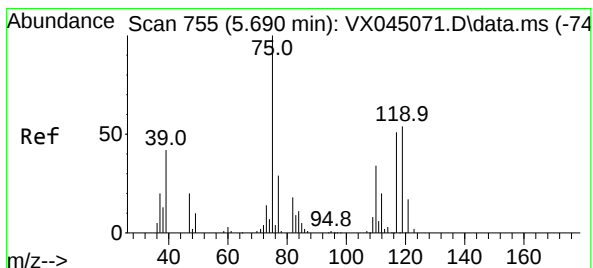
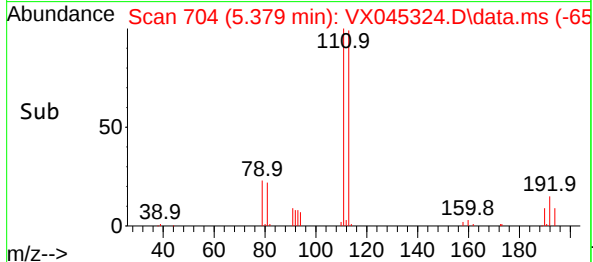
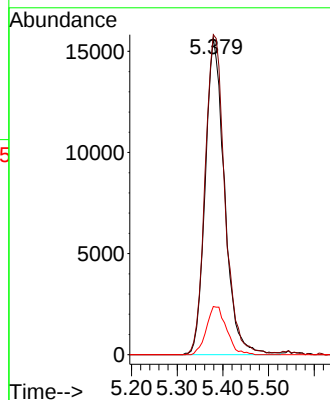
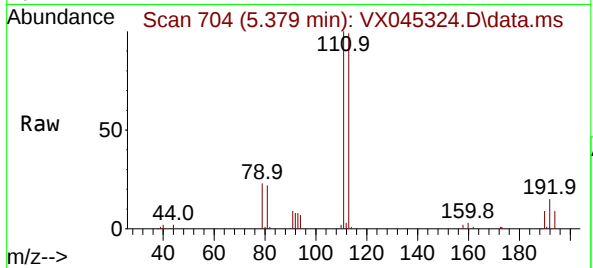




#35
Dibromofluoromethane
Concen: 53.416 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

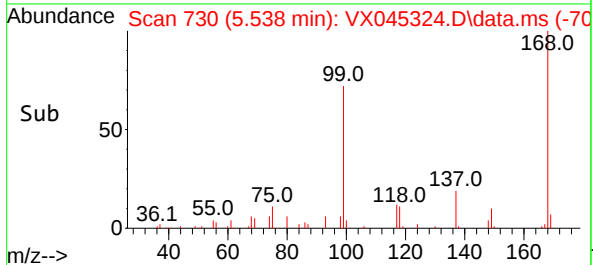
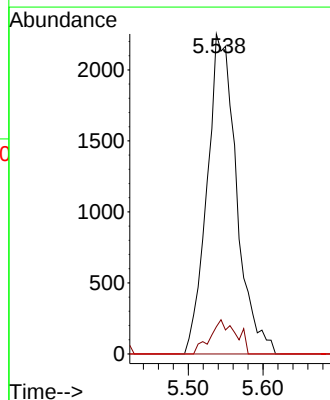
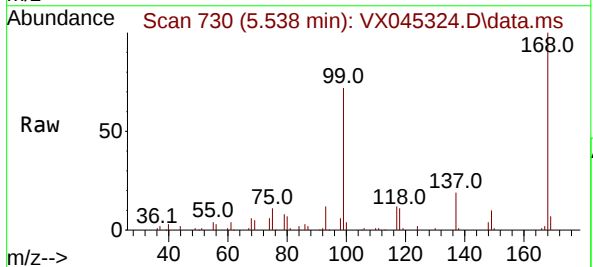
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250312

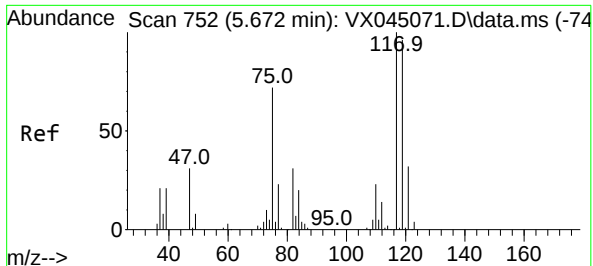
Tgt Ion:113 Resp: 45794
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 15.9 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.230 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.153 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

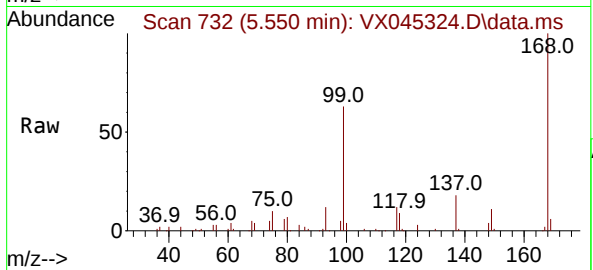
Tgt Ion: 75 Resp: 6149
Ion Ratio Lower Upper
75 100
110 9.4 16.9 50.6#
77 0.0 24.5 36.7#



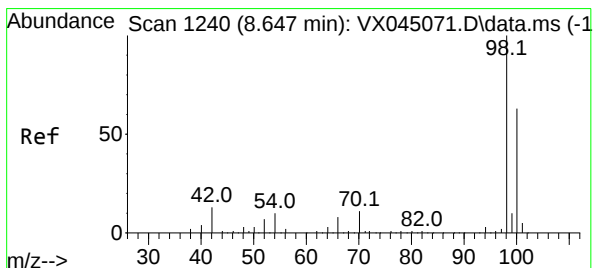
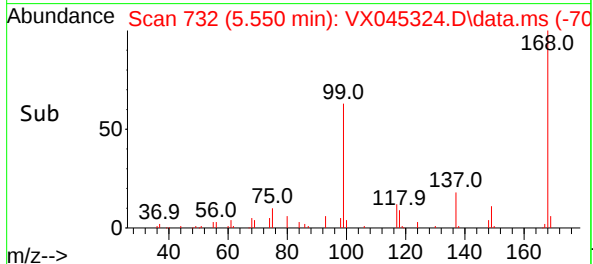
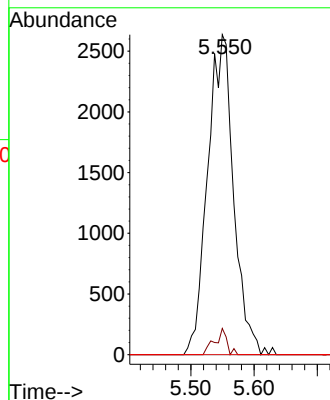


#38
Carbon Tetrachloride
Concen: 6.312 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250312

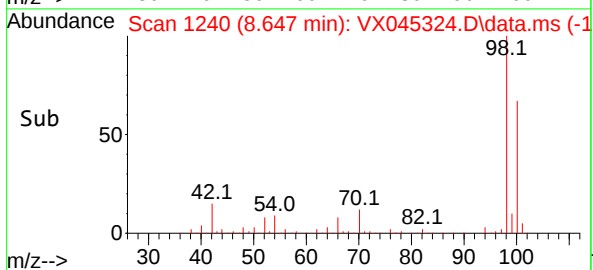
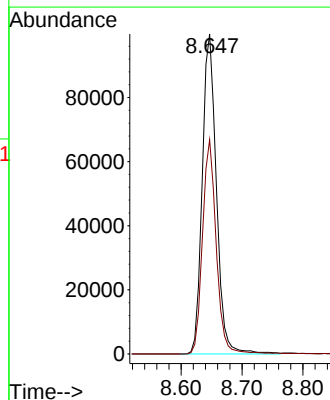
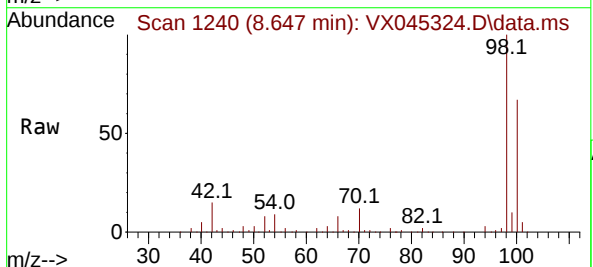


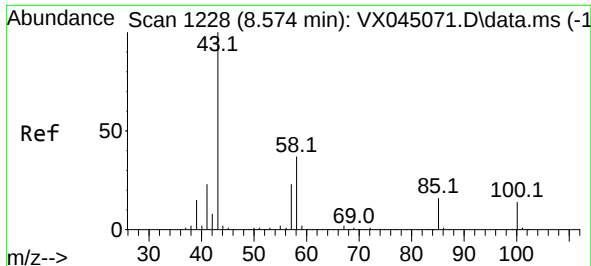
Tgt Ion:117 Resp: 7534
Ion Ratio Lower Upper
117 100
119 8.2 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.830 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Tgt Ion: 98 Resp: 161091
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.582 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX045324.D

Acq: 18 Mar 2025 14:51

Instrument :

MSVOA_X

ClientSampleId :

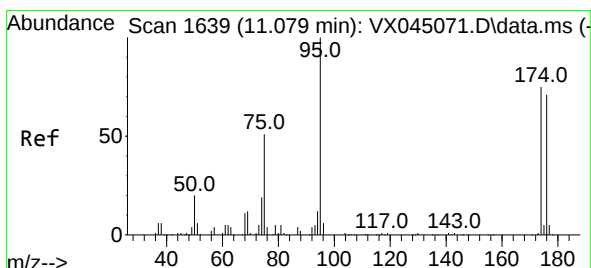
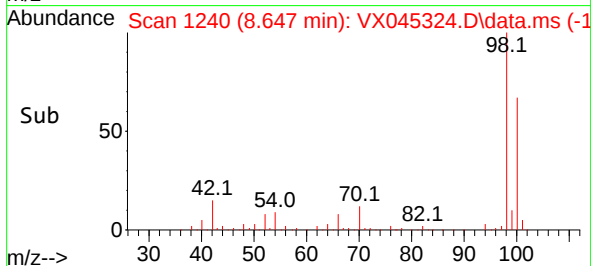
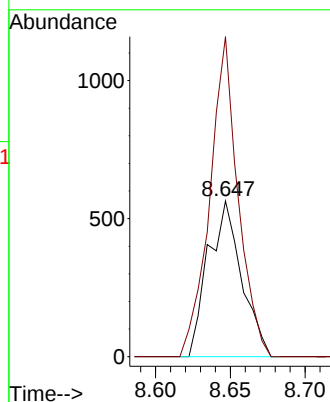
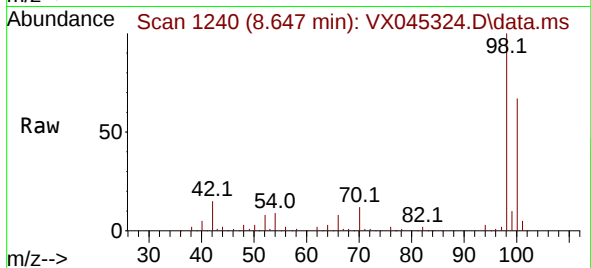
BPOW6-7-20250312

Tgt Ion: 43 Resp: 875

Ion Ratio Lower Upper

43 100

58 174.4 29.2 43.8#



#62

4-Bromofluorobenzene

Concen: 54.300 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045324.D

Acq: 18 Mar 2025 14:51

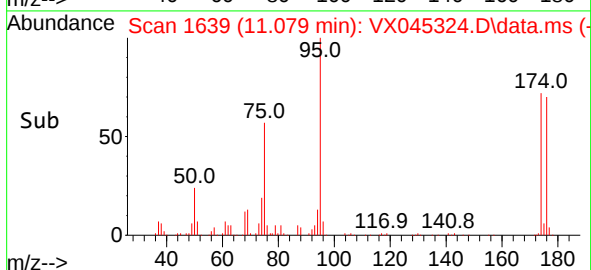
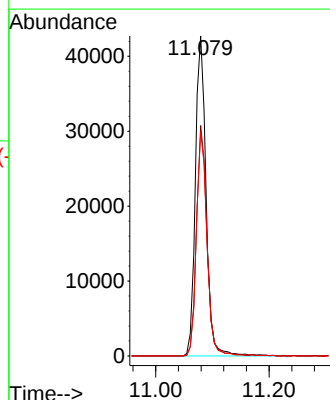
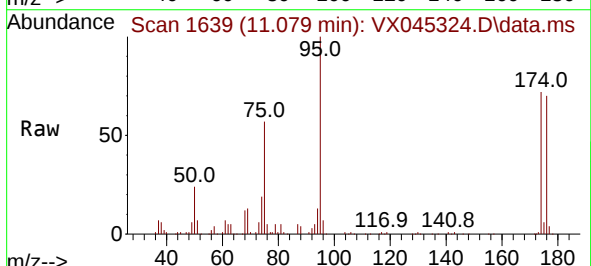
Tgt Ion: 95 Resp: 55924

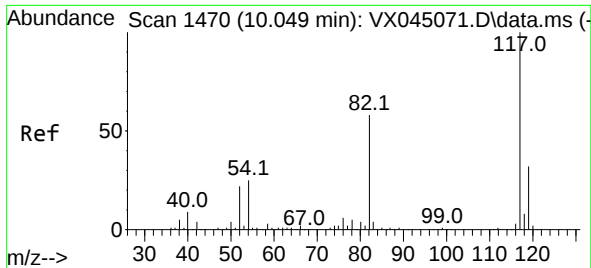
Ion Ratio Lower Upper

95 100

174 70.9 0.0 148.2

176 69.4 0.0 141.4

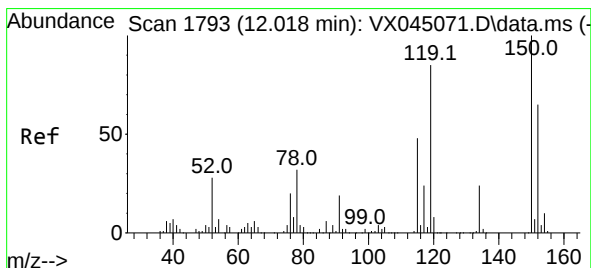
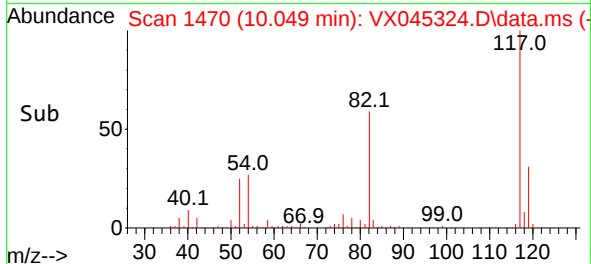
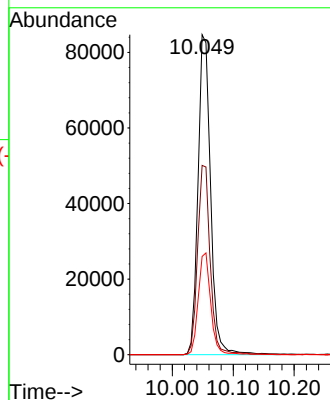
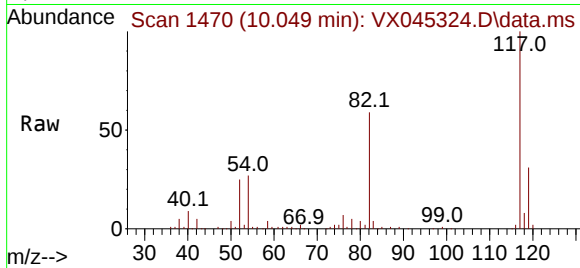




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

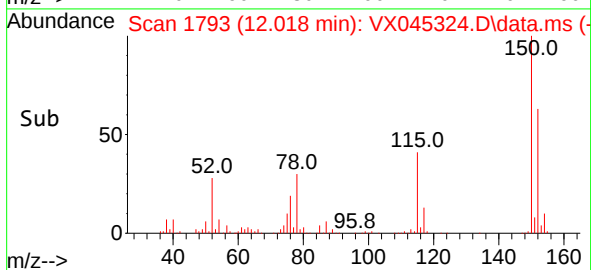
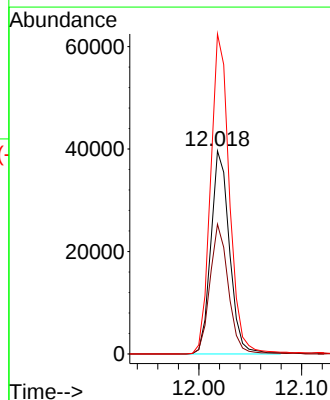
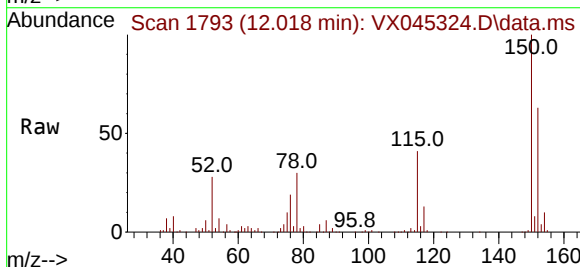
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-7-20250312

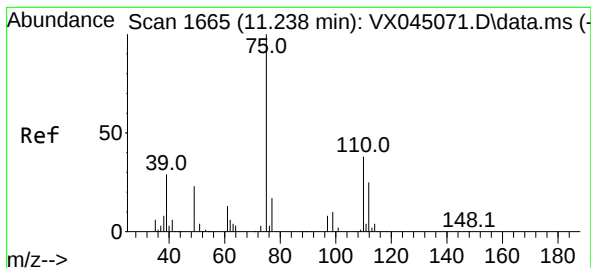
Tgt Ion:117 Resp: 121488
Ion Ratio Lower Upper
117 100
82 59.2 46.3 69.5
119 30.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045324.D
Acq: 18 Mar 2025 14:51

Tgt Ion:152 Resp: 49784
Ion Ratio Lower Upper
152 100
115 63.3 44.2 132.6
150 159.9 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 27.349 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045324.D

Acq: 18 Mar 2025 14:51

Instrument :

MSVOA_X

ClientSampleId :

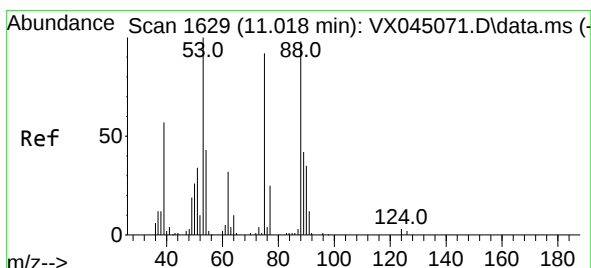
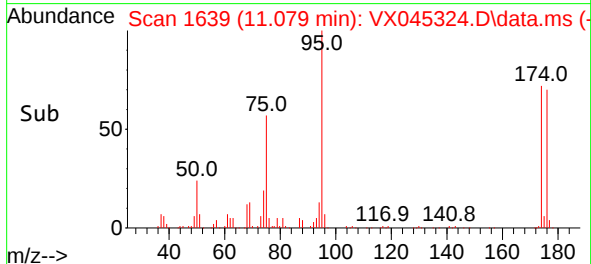
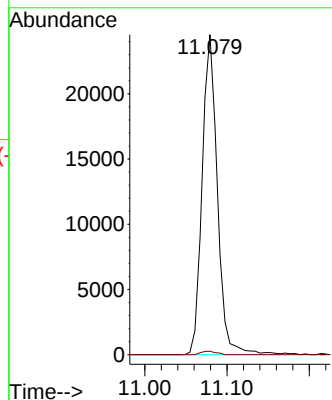
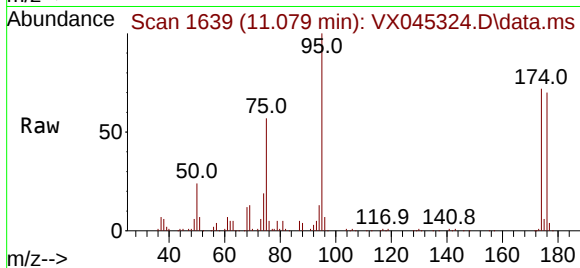
BPOW6-7-20250312

Tgt Ion: 75 Resp: 31690

Ion Ratio Lower Upper

75 100

77 1.1 20.7 62.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 93.593 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045324.D

Acq: 18 Mar 2025 14:51

Tgt Ion: 75 Resp: 31690

Ion Ratio Lower Upper

75 100

53 0.0 88.5 132.7#

89 0.0 36.2 54.4#

