

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045372.D
 Acq On : 20 Mar 2025 19:28
 Operator : JC/MD
 Sample : Q1582-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-8-20250314

Quant Time: Mar 21 01:54:07 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)

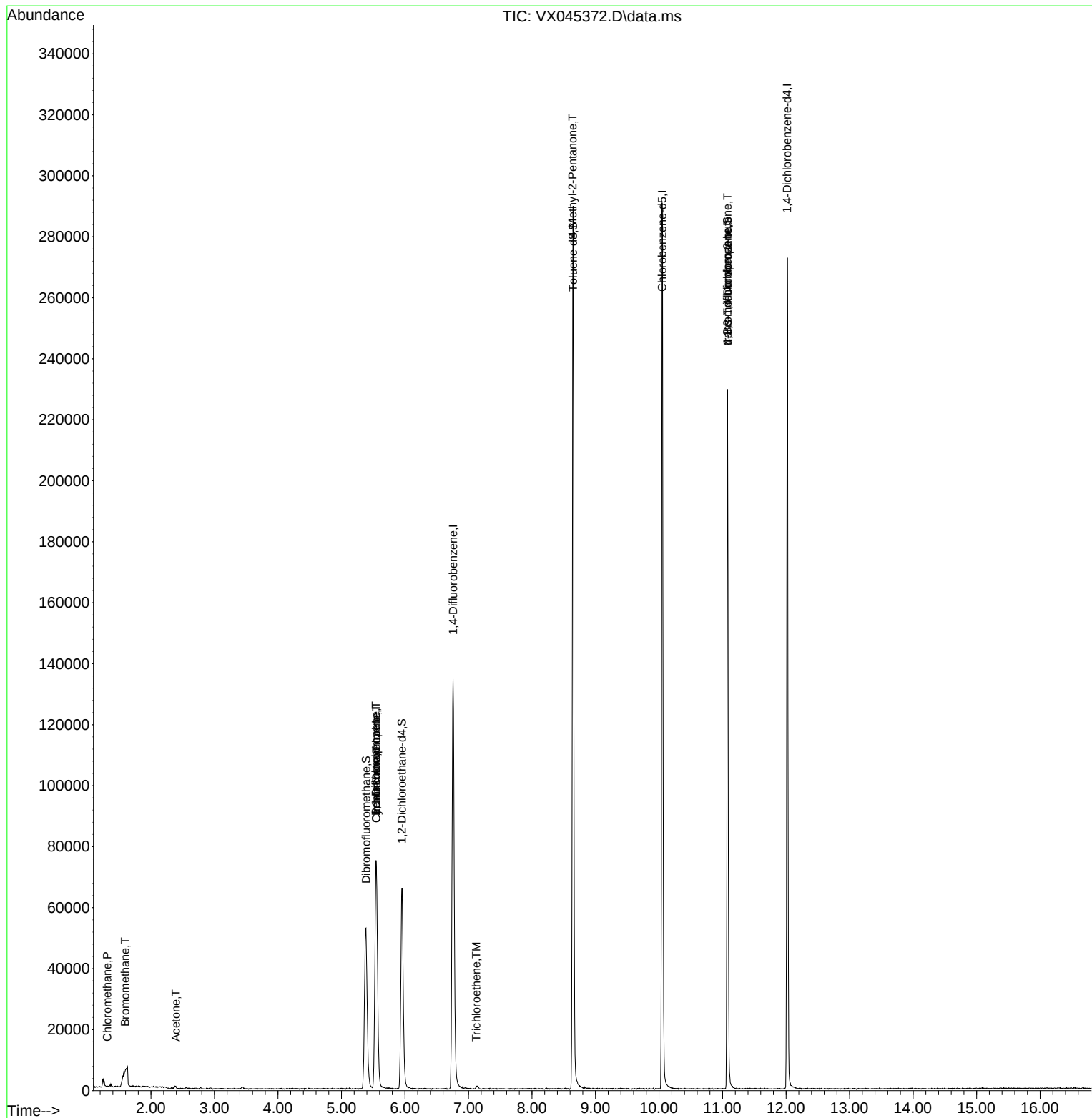
Internal Standards						
1) Pentafluorobenzene	5.544	168	67107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132119	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61388	57.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.020%			
35) Dibromofluoromethane	5.385	113	46937	53.129	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.260%			
50) Toluene-d8	8.647	98	166675	52.040	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.080%			
62) 4-Bromofluorobenzene	11.079	95	58547	55.165	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.320%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	285	0.276	ug/l #	43
5) Bromomethane	1.593	94	110	0.273	ug/l #	3
16) Acetone	2.392	43	779	1.573	ug/l #	79
31) Cyclohexane	5.550	56	1910	1.315	ug/l #	8
36) 1,1-Dichloropropene	5.544	75	6486	5.353	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7513	6.108	ug/l #	14
44) Trichloroethene	7.123	130	458	0.510	ug/l	57
51) 4-Methyl-2-Pentanone	8.641	43	909	0.586	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33009	27.692	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33009	94.767	ug/l #	6

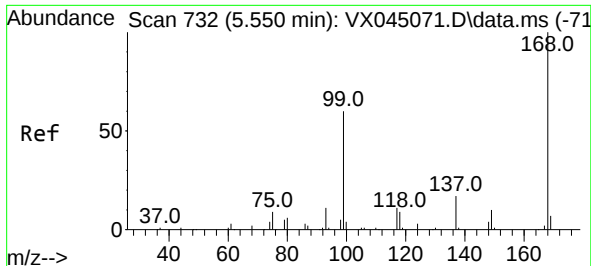
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
Data File : VX045372.D
Acq On : 20 Mar 2025 19:28
Operator : JC/MD
Sample : Q1582-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250314

Quant Time: Mar 21 01:54:07 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

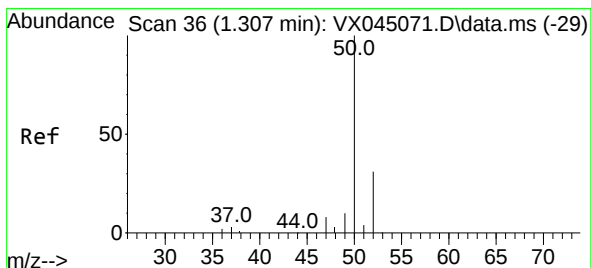
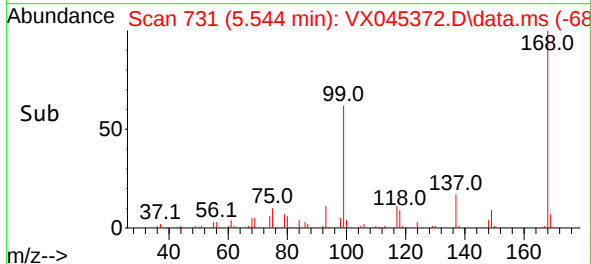
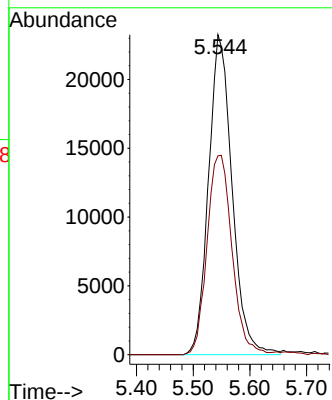
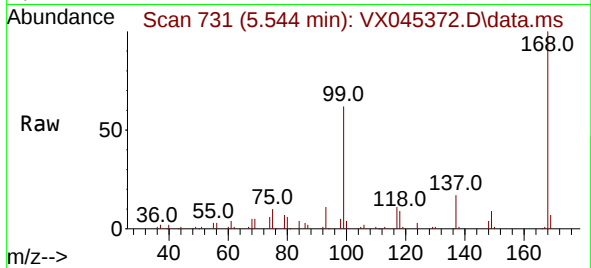




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

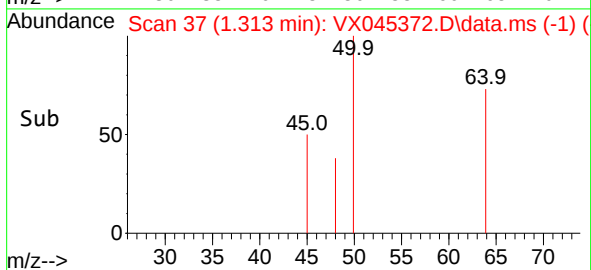
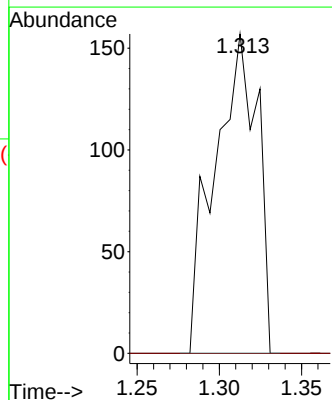
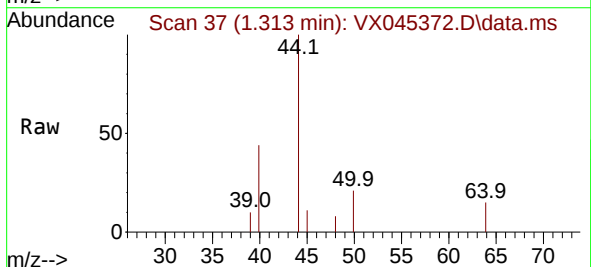
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250314

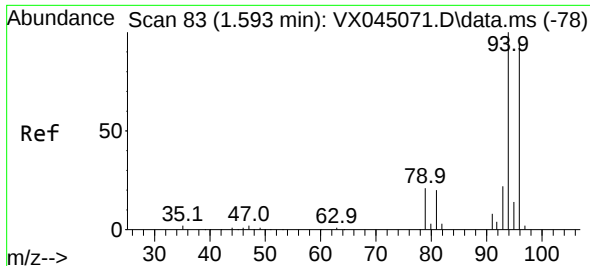
Tgt Ion:168 Resp: 67107
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#3
Chloromethane
Concen: 0.276 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

Tgt Ion: 50 Resp: 285
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

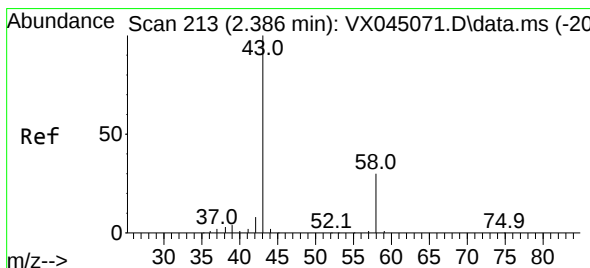
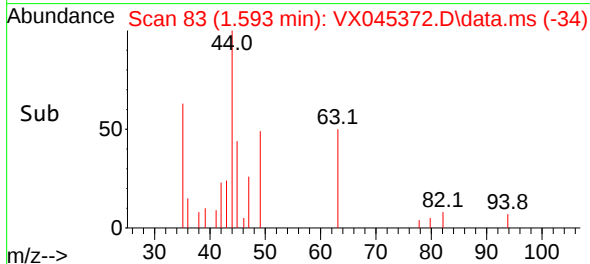
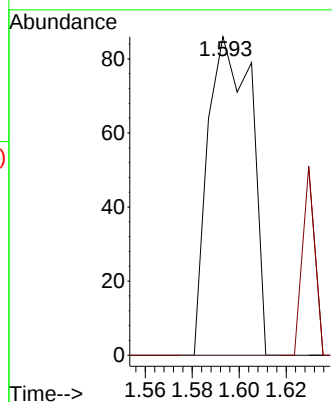
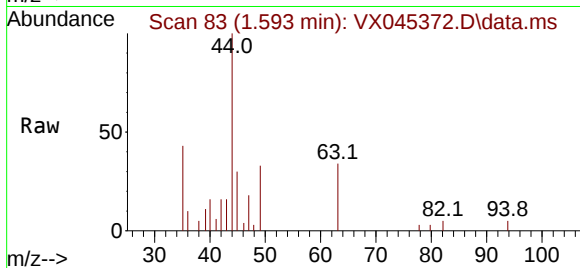




#5
Bromomethane
Concen: 0.273 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

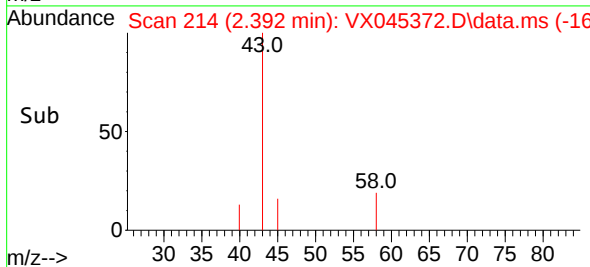
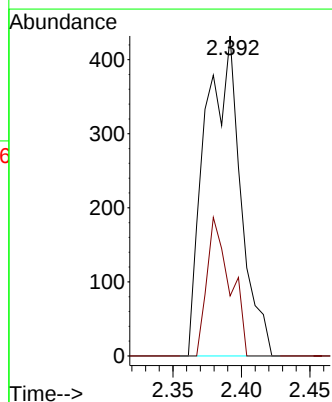
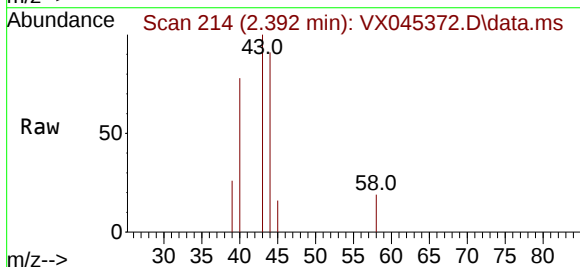
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250314

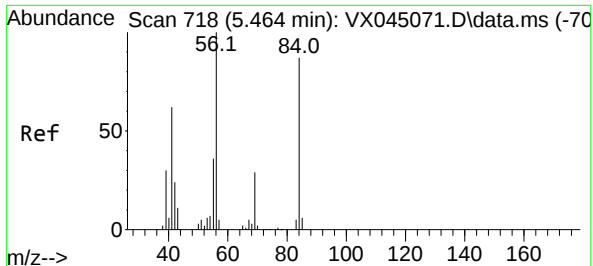
Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#



#16
Acetone
Concen: 1.573 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 18.8 24.2 36.4#

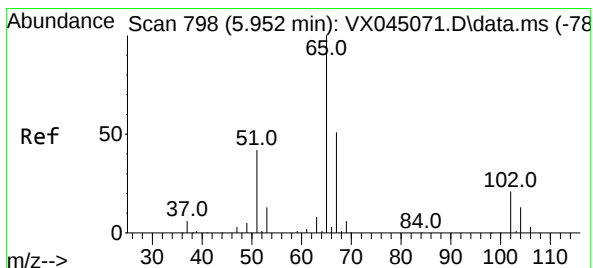
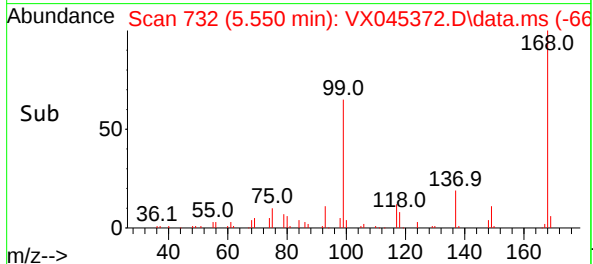
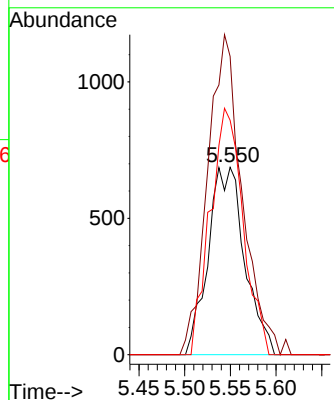
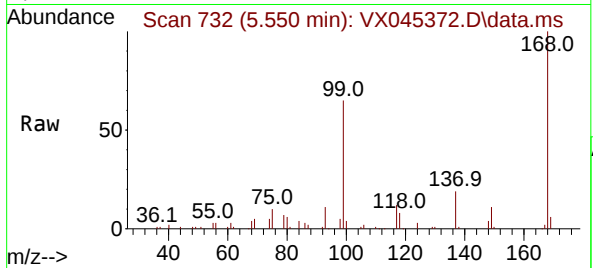




#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

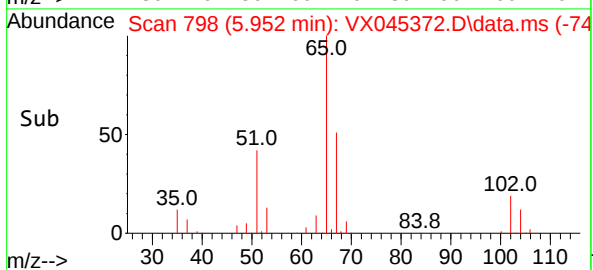
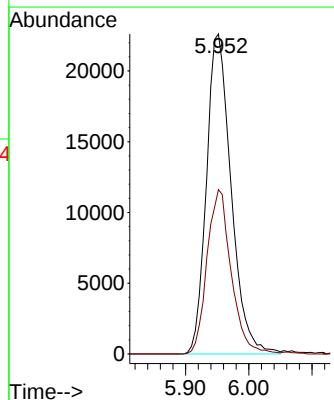
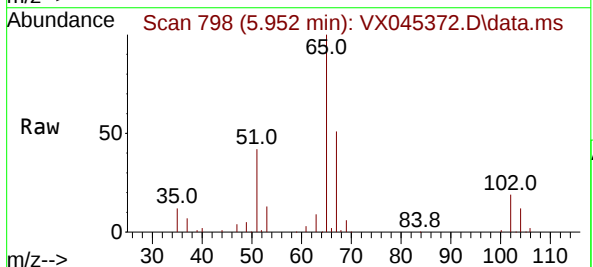
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250314

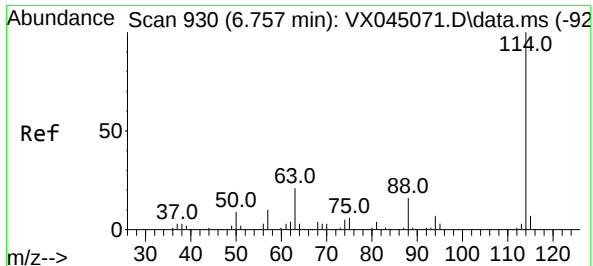
Tgt Ion: 56 Resp: 1910
Ion Ratio Lower Upper
56 100
69 159.1 23.4 35.2#
84 125.0 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 57.510 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

Tgt Ion: 65 Resp: 61388
Ion Ratio Lower Upper
65 100
67 50.1 0.0 106.2

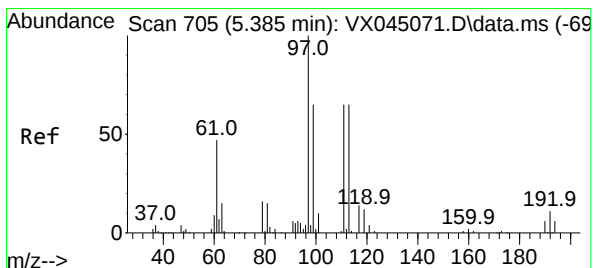
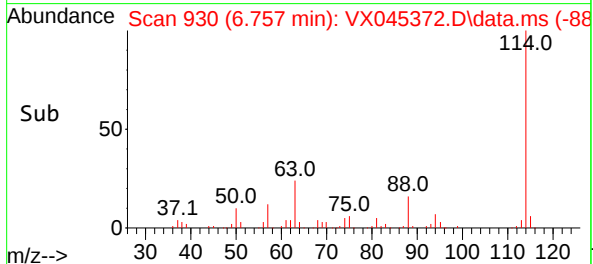
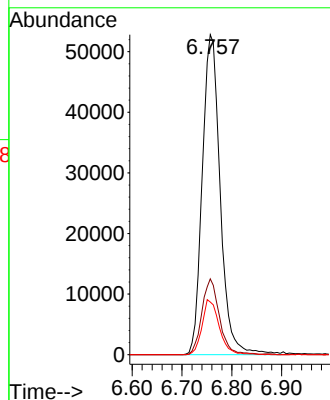
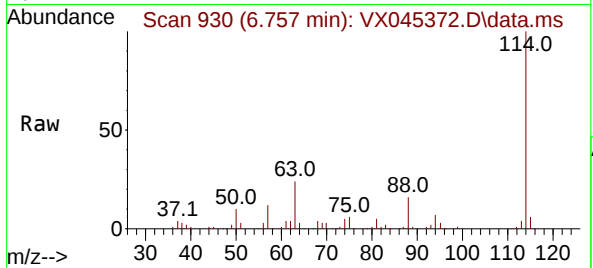




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

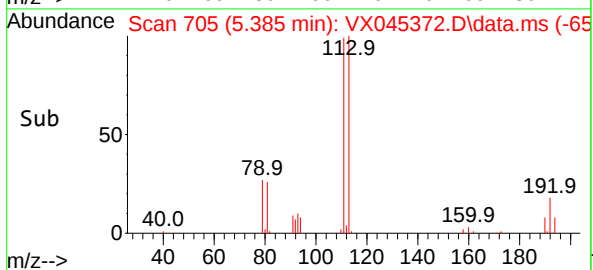
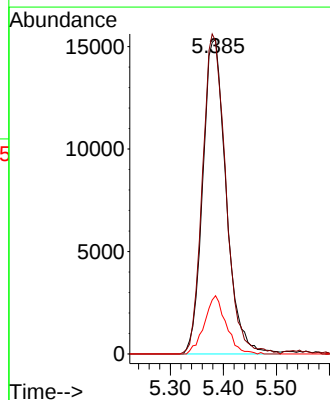
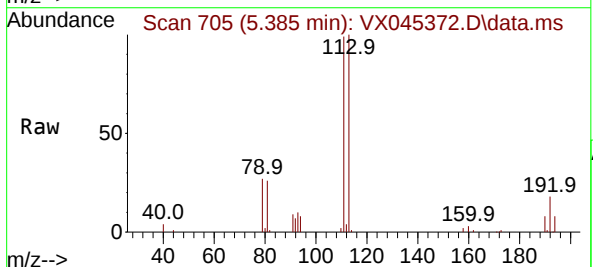
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250314

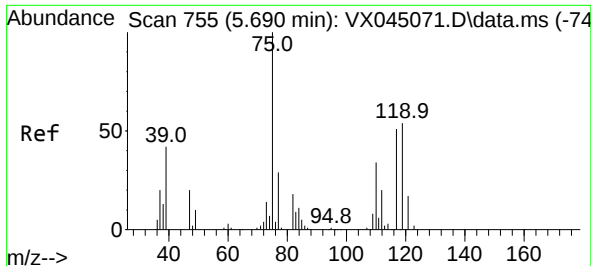
Tgt Ion:114 Resp: 132119
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.129 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

Tgt Ion:113 Resp: 46937
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.6
192 17.1 14.3 21.5

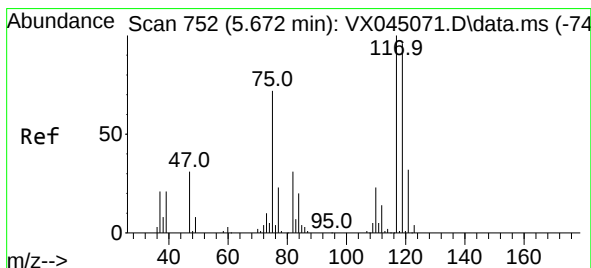
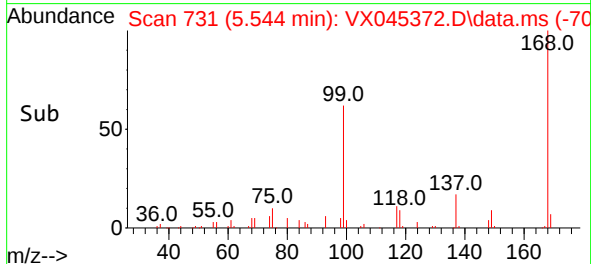
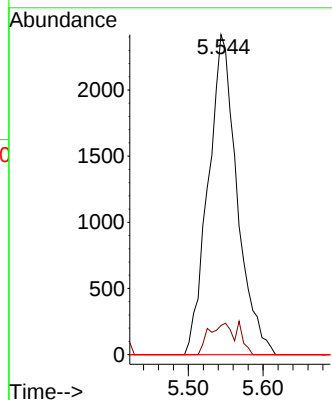
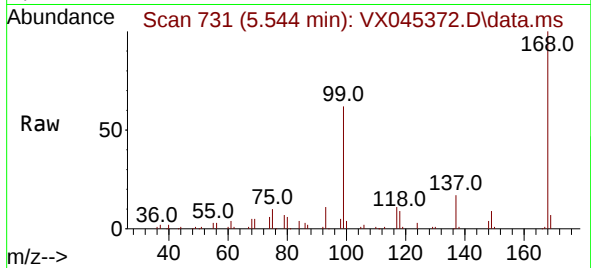




#36
1,1-Dichloropropene
Concen: 5.353 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

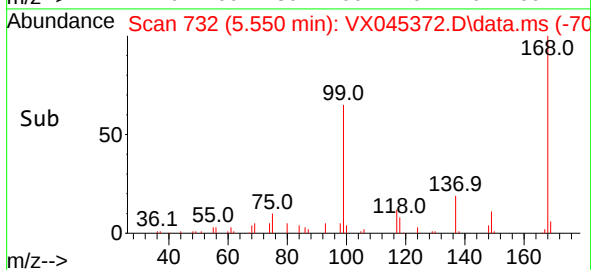
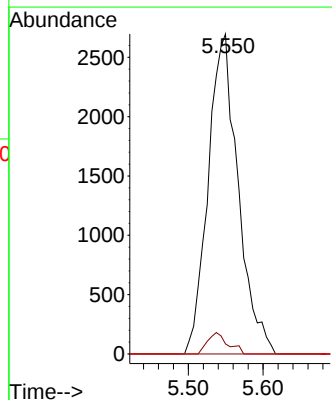
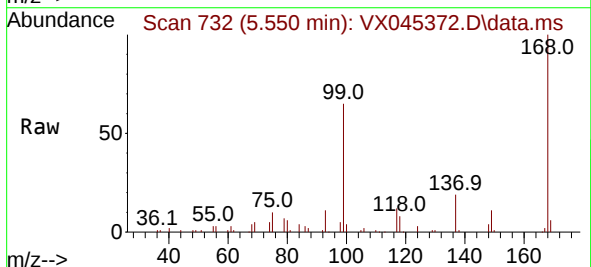
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250314

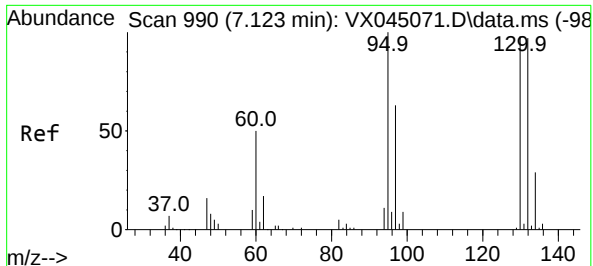
Tgt Ion: 75 Resp: 6486
Ion Ratio Lower Upper
75 100
110 7.8 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.108 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

Tgt Ion: 117 Resp: 7513
Ion Ratio Lower Upper
117 100
119 3.2 76.7 115.1#
121 0.0 25.5 38.3#

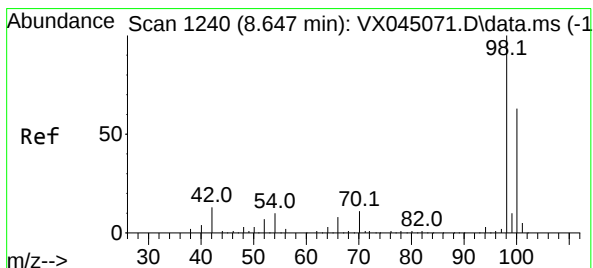
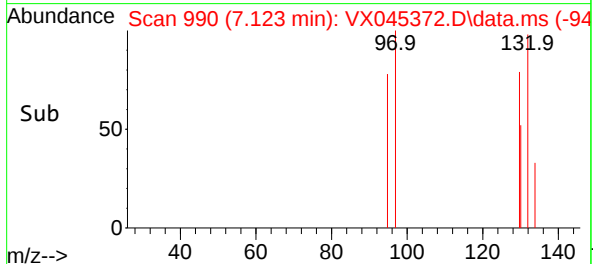
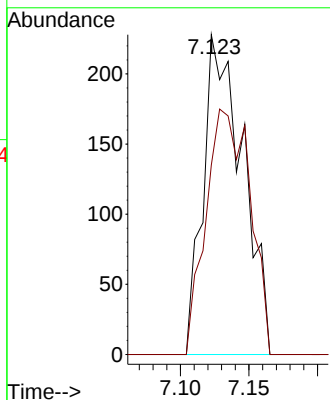
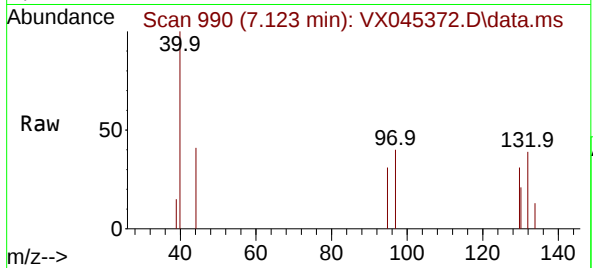




#44
Trichloroethene
Concen: 0.510 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

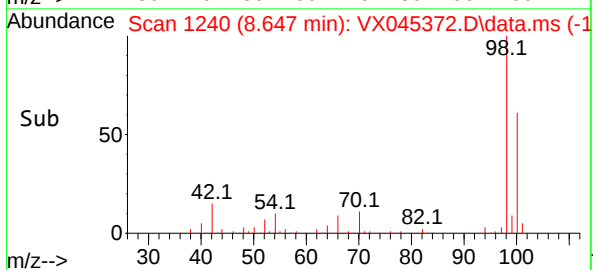
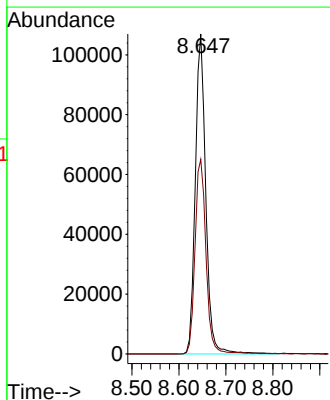
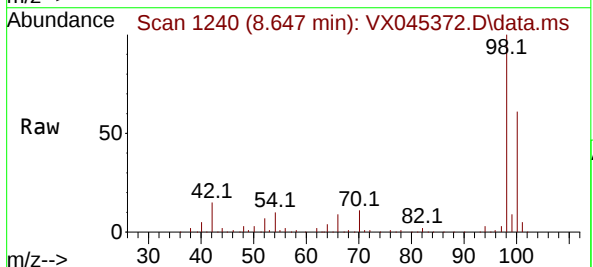
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250314

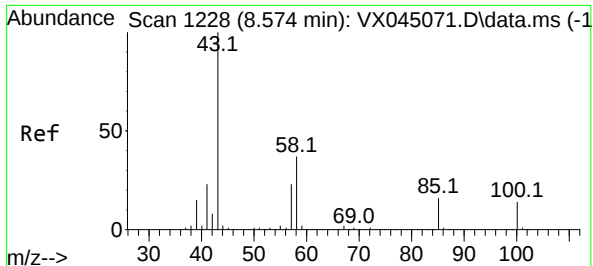
Tgt Ion:130 Resp: 458
Ion Ratio Lower Upper
130 100
95 59.2 0.0 205.0



#50
Toluene-d8
Concen: 52.040 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

Tgt Ion: 98 Resp: 166675
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.586 ug/l

RT: 8.641 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX045372.D

Acq: 20 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

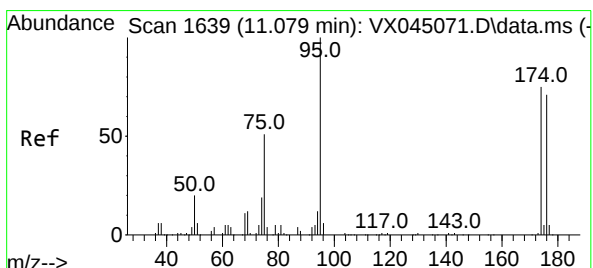
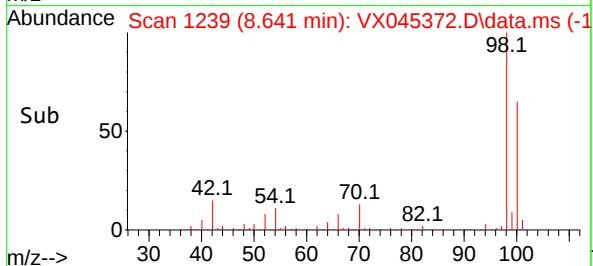
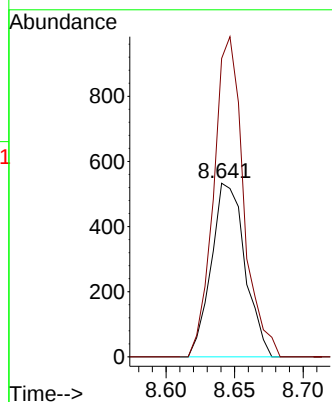
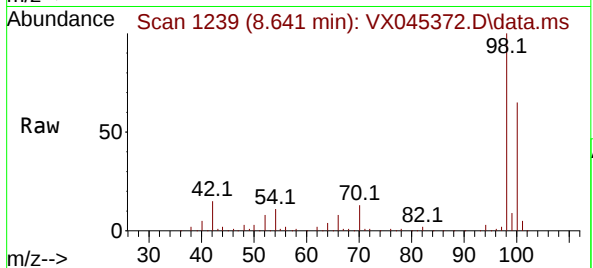
BPOW1-8-20250314

Tgt Ion: 43 Resp: 909

Ion Ratio Lower Upper

43 100

58 163.9 29.2 43.8#



#62

4-Bromofluorobenzene

Concen: 55.165 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045372.D

Acq: 20 Mar 2025 19:28

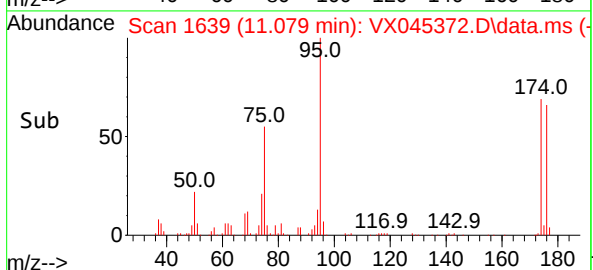
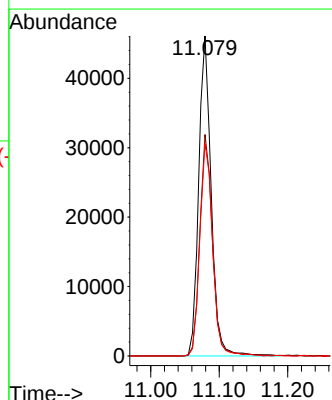
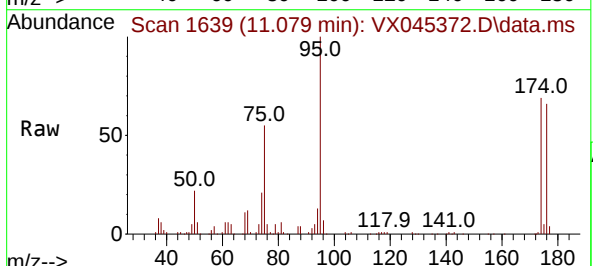
Tgt Ion: 95 Resp: 58547

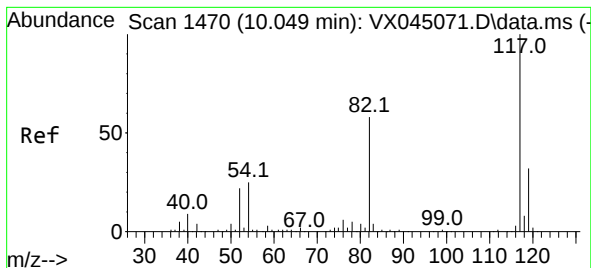
Ion Ratio Lower Upper

95 100

174 70.3 0.0 148.2

176 68.1 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: VX045372.D

Acq: 20 Mar 2025 19:28

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-8-20250314

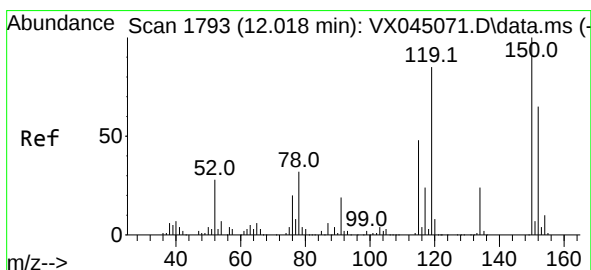
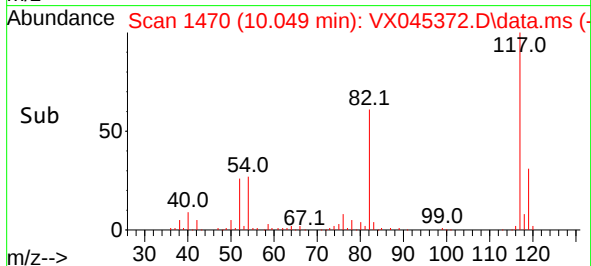
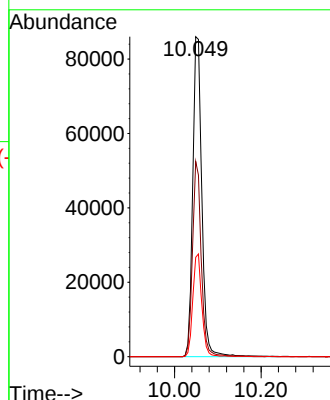
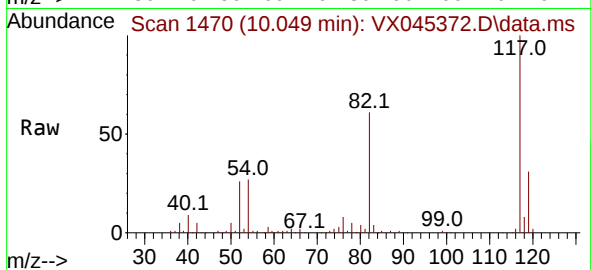
Tgt Ion:117 Resp: 125597

Ion Ratio Lower Upper

117 100

82 61.0 46.3 69.5

119 31.1 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: VX045372.D

Acq: 20 Mar 2025 19:28

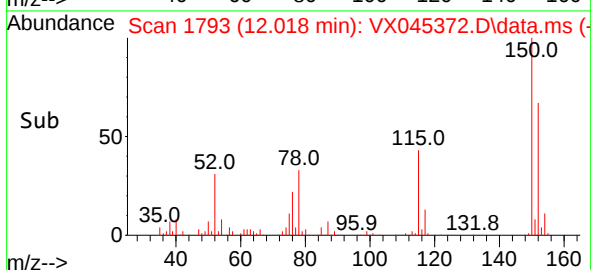
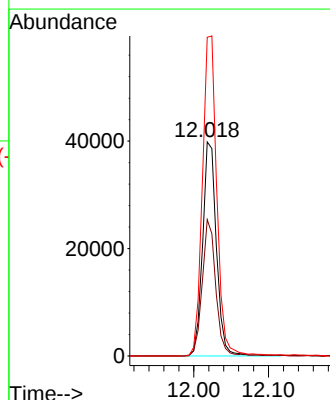
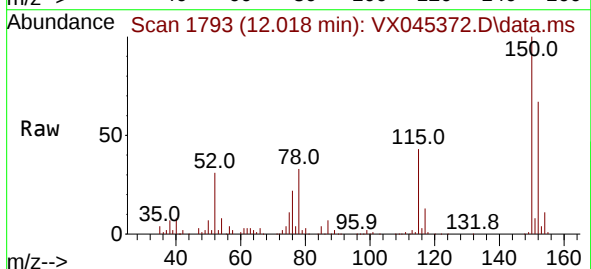
Tgt Ion:152 Resp: 51214

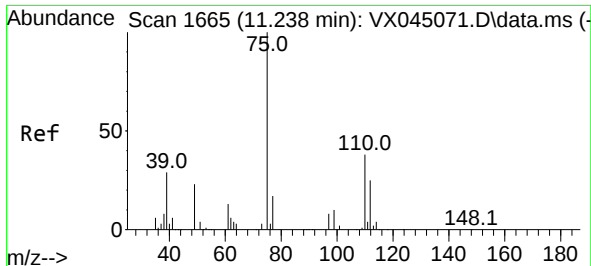
Ion Ratio Lower Upper

152 100

115 62.7 44.2 132.6

150 156.3 0.0 349.0

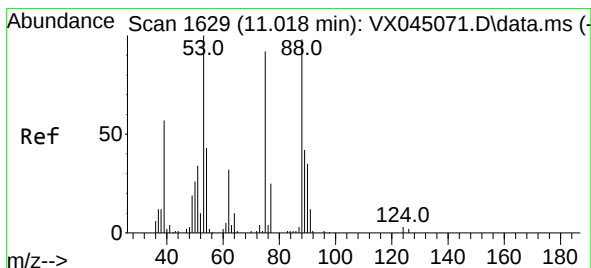
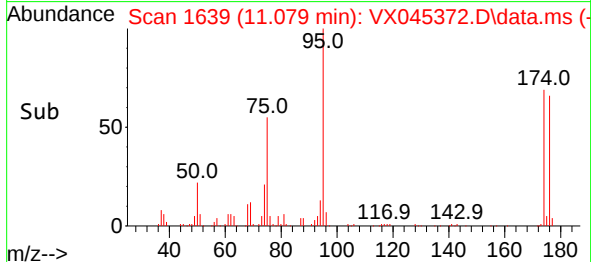
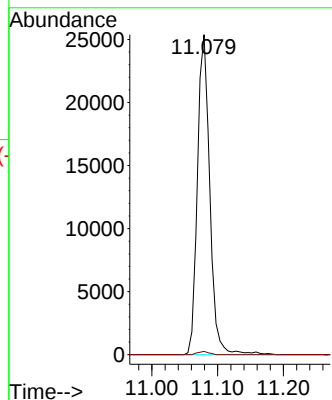
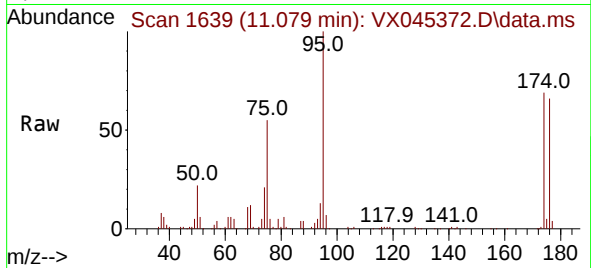




#76
1,2,3-Trichloropropane
Concen: 27.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-8-20250314

Tgt Ion: 75 Resp: 33009
Ion Ratio Lower Upper
75 100
77 0.9 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.767 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045372.D
Acq: 20 Mar 2025 19:28

Tgt Ion: 75 Resp: 33009
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

