

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045389.D
 Acq On : 21 Mar 2025 15:38
 Operator : JC/MD
 Sample : Q1582-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20250314

Quant Time: Mar 21 23:16:51 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)

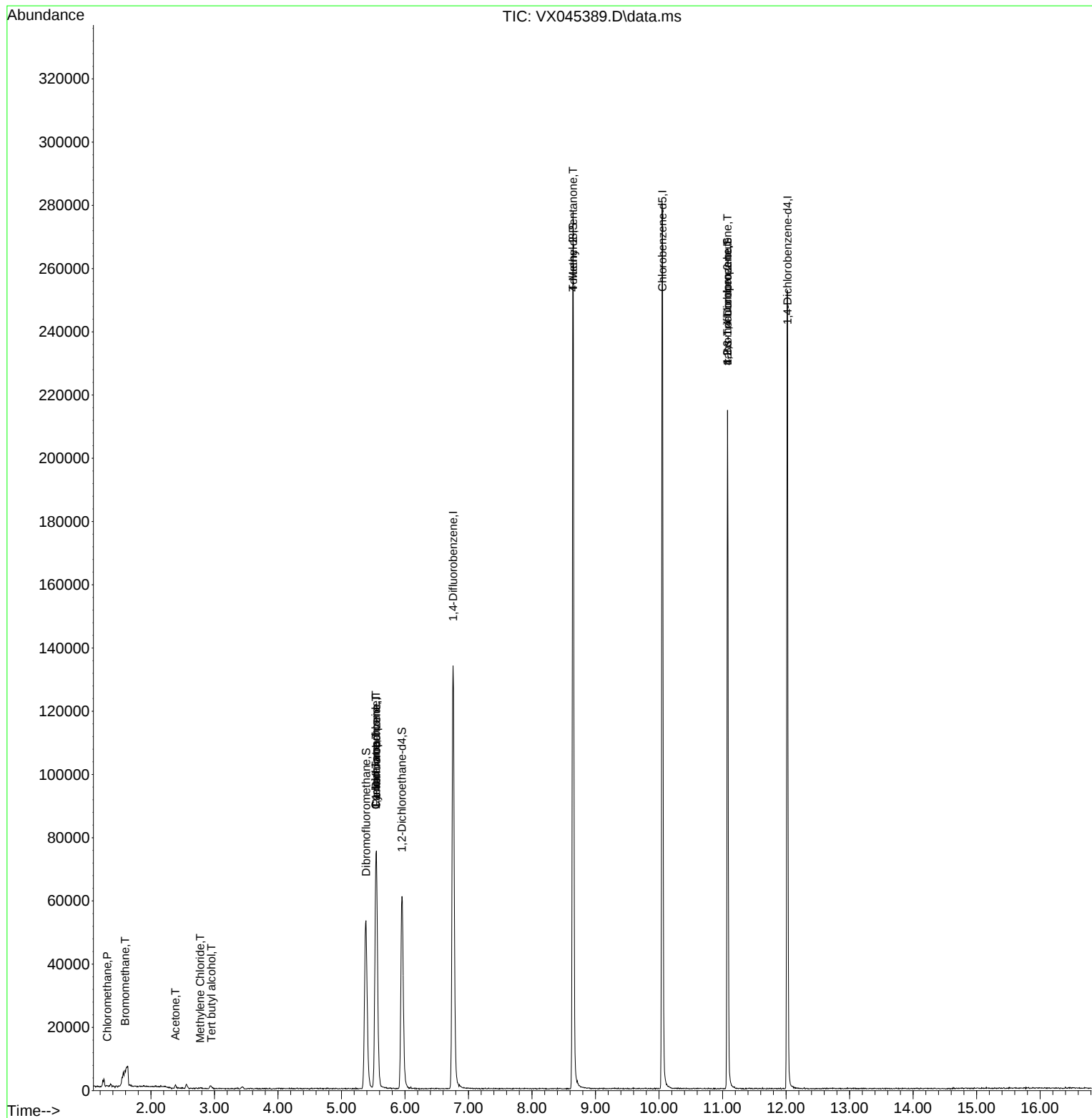
Internal Standards						
1) Pentafluorobenzene	5.550	168	67762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61331	56.901	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.800%
35) Dibromofluoromethane	5.385	113	46142	52.208	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.420%
50) Toluene-d8	8.647	98	159107	49.657	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.079	95	54884	51.692	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	297	0.285	ug/l #	43
5) Bromomethane	1.593	94	86	0.211	ug/l #	3
11) Tert butyl alcohol	2.953	59	445	2.180	ug/l #	73
16) Acetone	2.386	43	1092	2.184	ug/l #	81
20) Methylene Chloride	2.776	84	216	0.218	ug/l #	29
31) Cyclohexane	5.544	56	1953	1.332	ug/l #	4
36) 1,1-Dichloropropene	5.544	75	6398	5.279	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7925	6.440	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	811	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30910	27.321	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30910	93.498	ug/l #	6

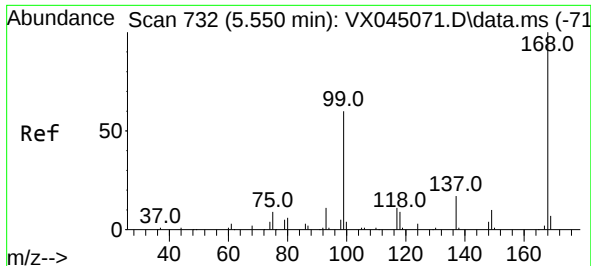
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BPOW1-7-20250314

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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

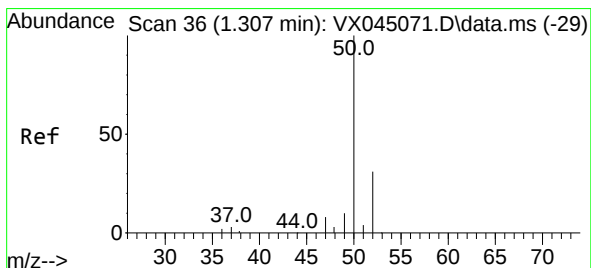
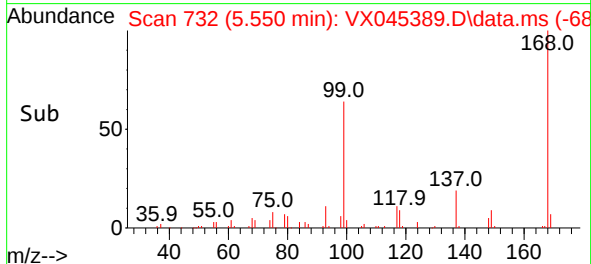
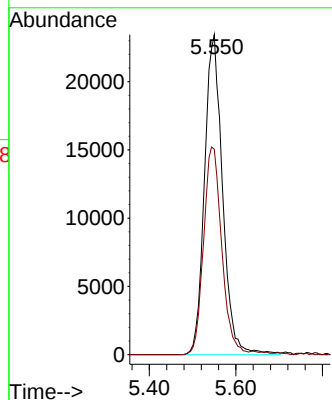
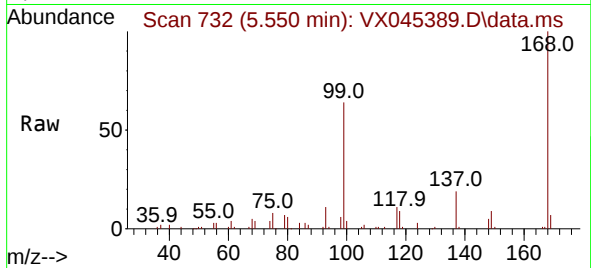




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

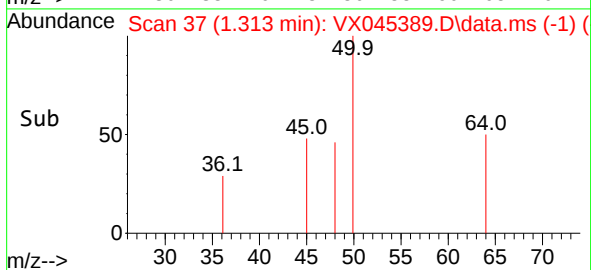
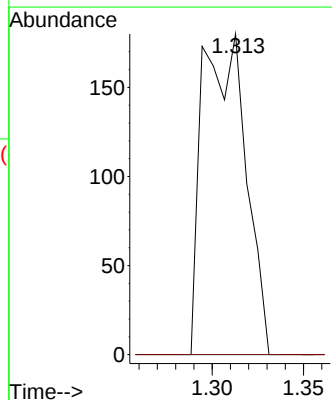
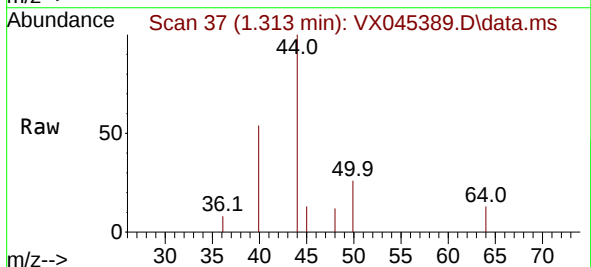
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250314

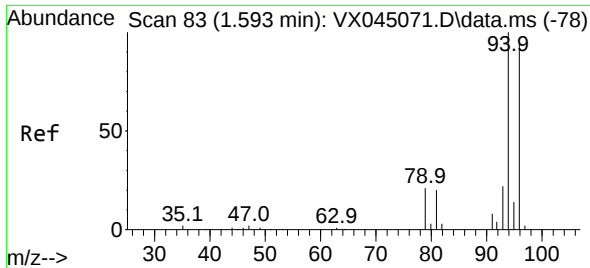
Tgt Ion:168 Resp: 67762
Ion Ratio Lower Upper
168 100
99 64.2 48.2 72.4



#3
Chloromethane
Concen: 0.285 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

Tgt Ion: 50 Resp: 297
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

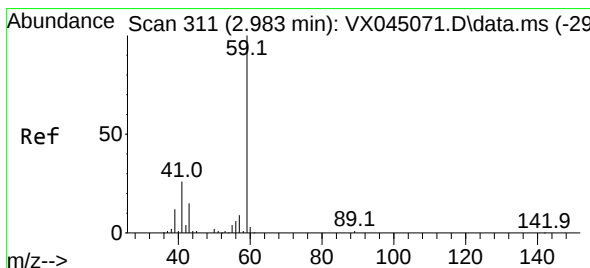
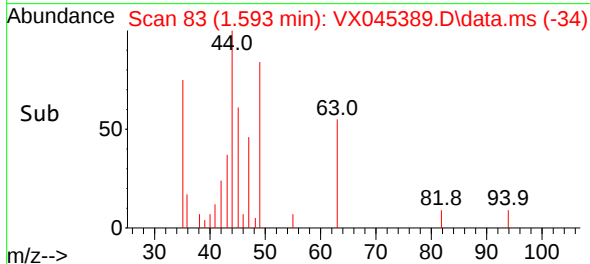
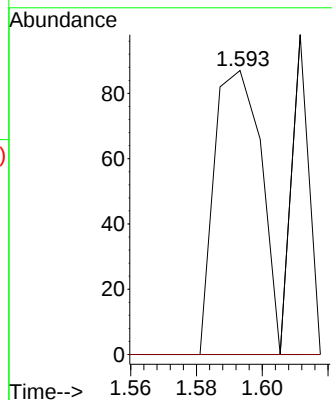
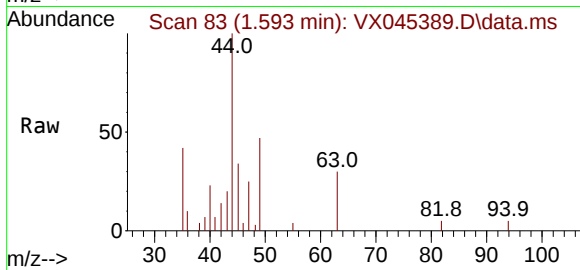




#5
Bromomethane
Concen: 0.211 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

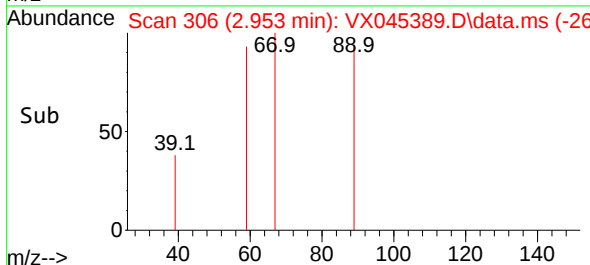
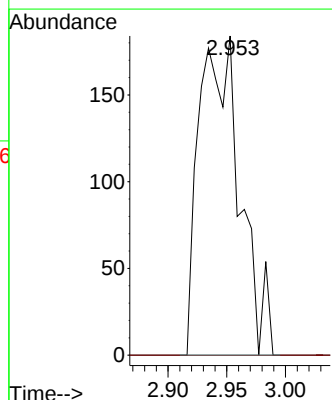
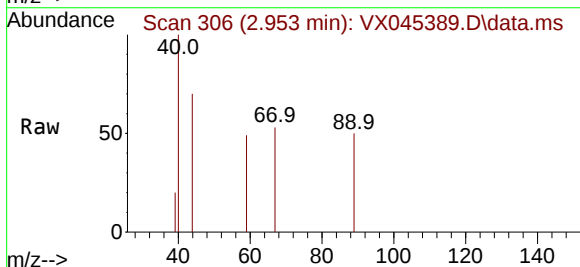
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250314

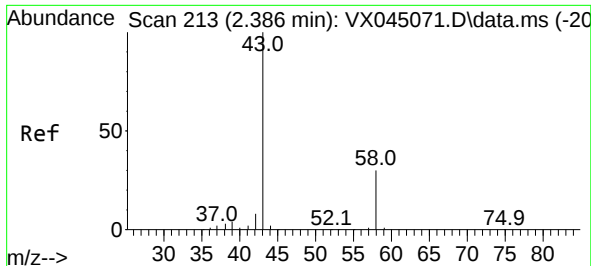
Tgt Ion: 94 Resp: 86
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#



#11
Tert butyl alcohol
Concen: 2.180 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

Tgt Ion: 59 Resp: 445
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

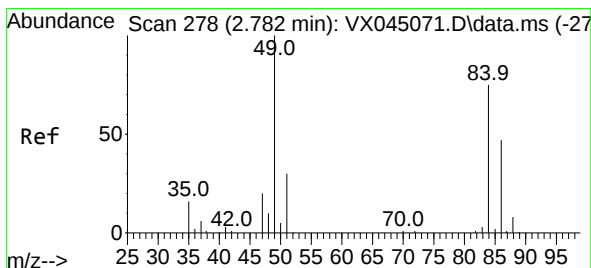
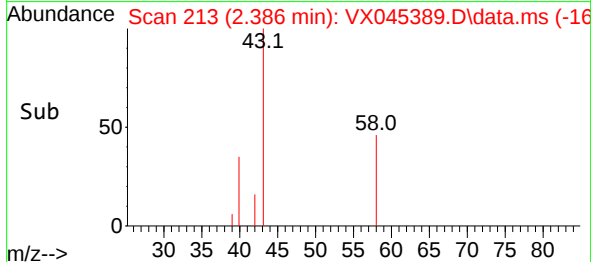
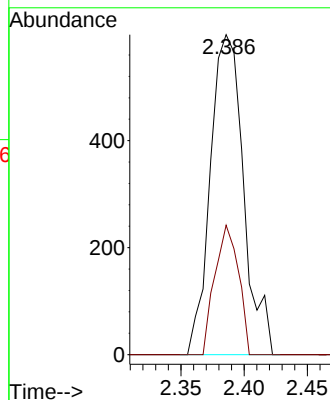
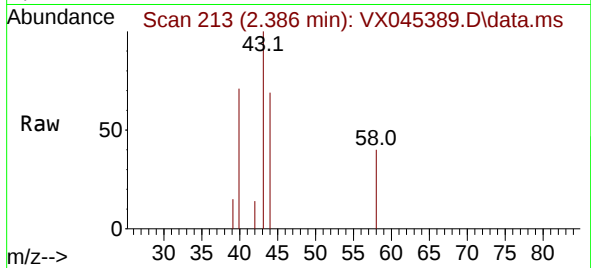




#16
Acetone
Concen: 2.184 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

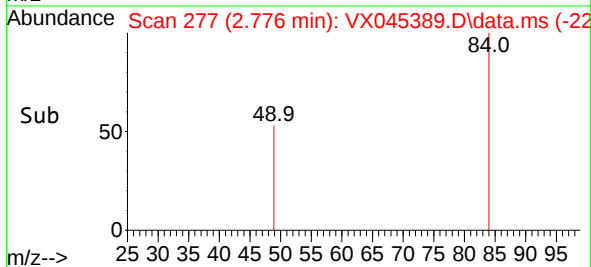
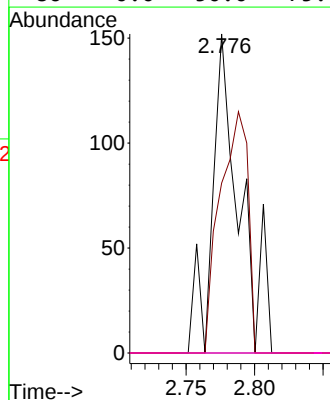
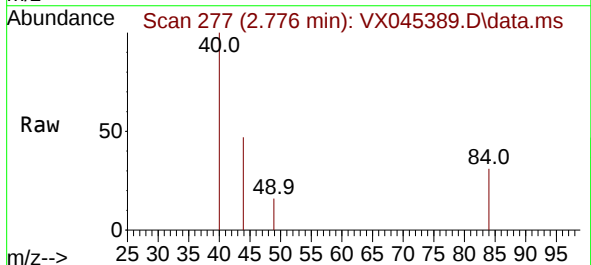
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250314

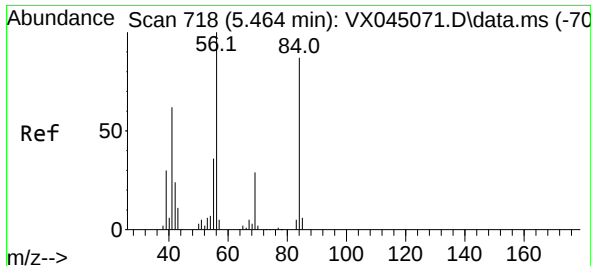
Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
58 40.5 24.2 36.4#



#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

Tgt Ion: 84 Resp: 216
Ion Ratio Lower Upper
84 100
49 53.3 106.5 159.7#
51 0.0 32.1 48.1#
86 0.0 50.0 75.0#

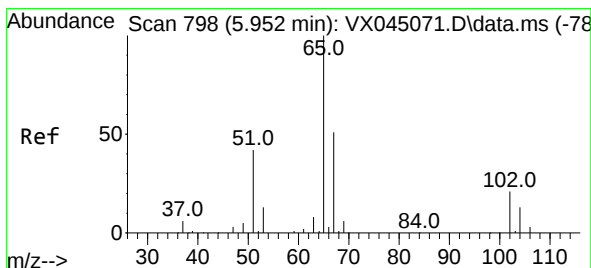
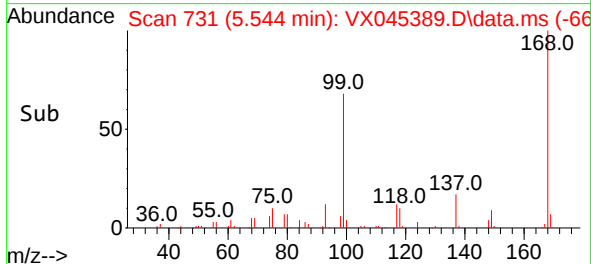
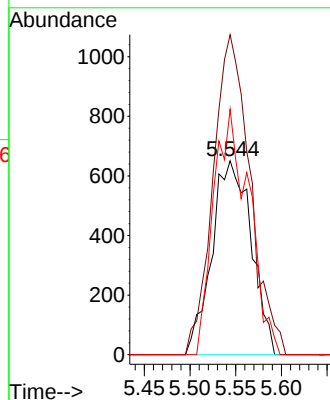
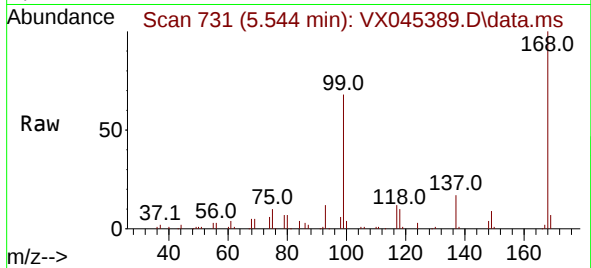




#31
Cyclohexane
Concen: 1.332 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

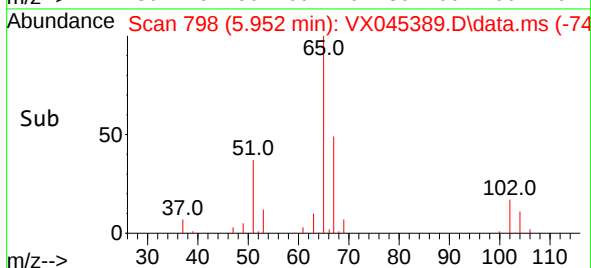
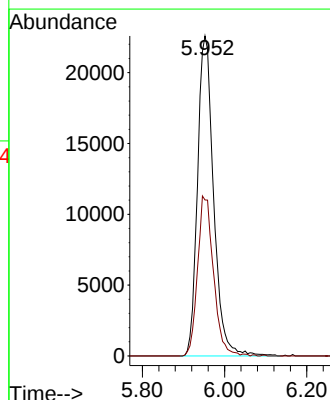
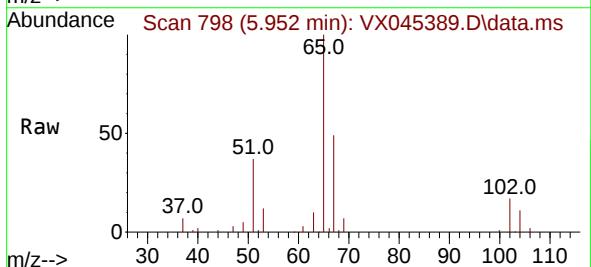
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250314

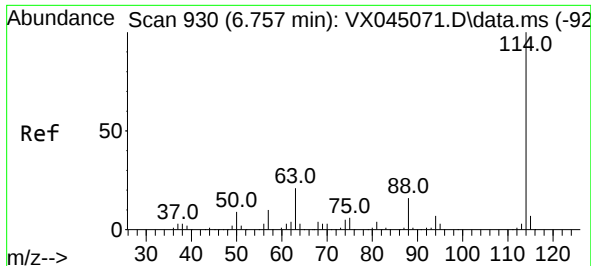
Tgt Ion: 56 Resp: 1953
Ion Ratio Lower Upper
56 100
69 165.0 23.4 35.2#
84 126.6 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 56.901 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

Tgt Ion: 65 Resp: 61331
Ion Ratio Lower Upper
65 100
67 49.7 0.0 106.2

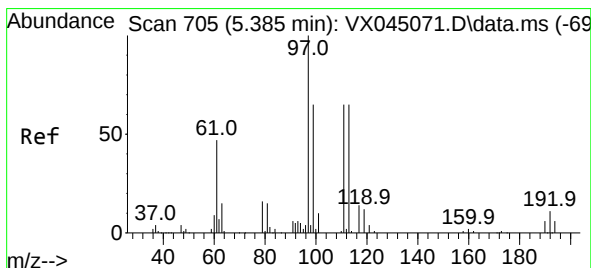
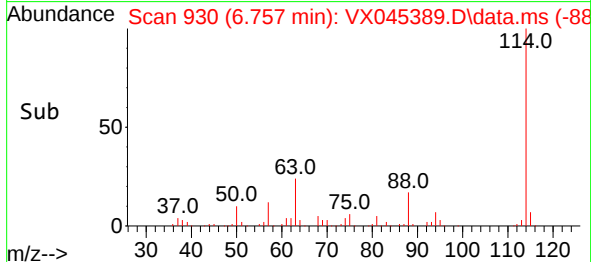
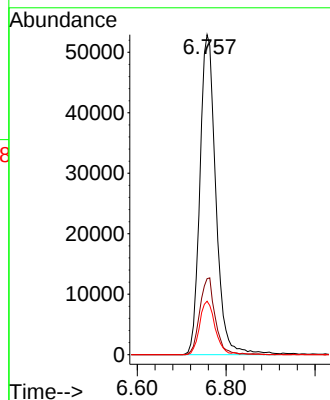
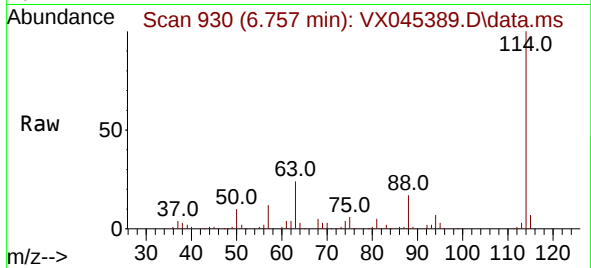




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. 0.000 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

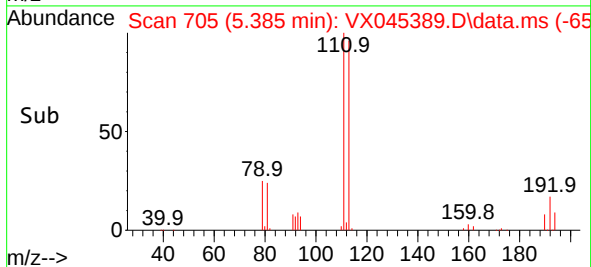
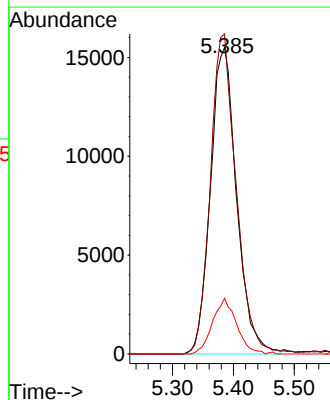
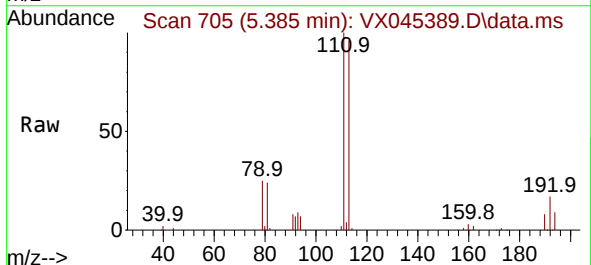
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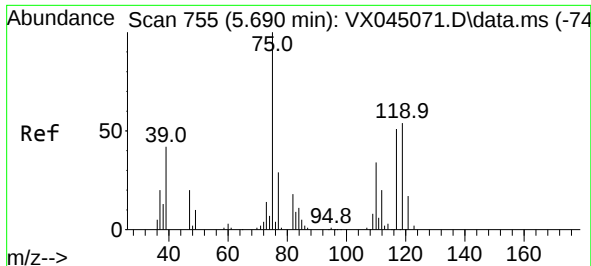
Tgt Ion:114 Resp: 132174
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.208 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

Tgt Ion:113 Resp: 46142
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 16.6 14.3 21.5

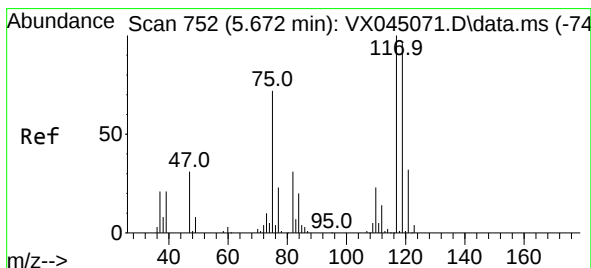
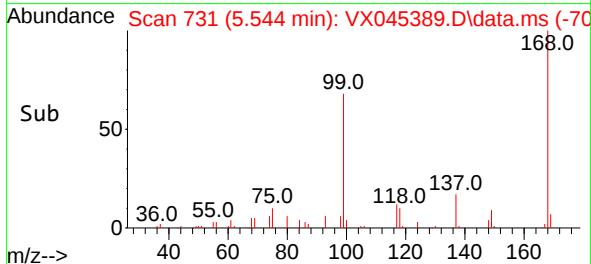
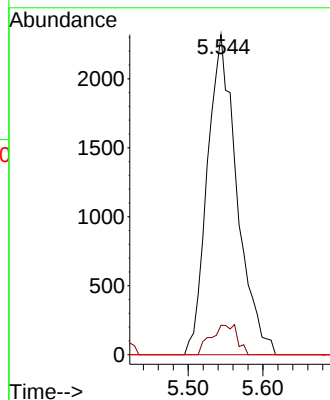
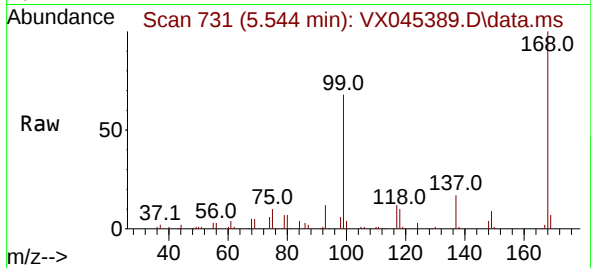




#36
 1,1-Dichloropropene
 Concen: 5.279 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX045389.D
 Acq: 21 Mar 2025 15:38

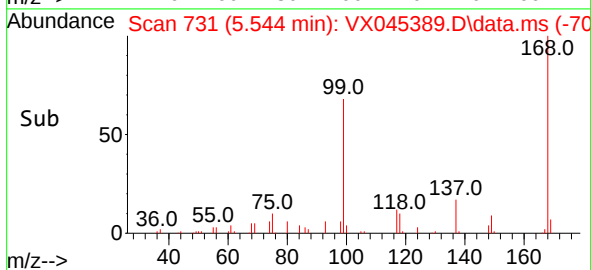
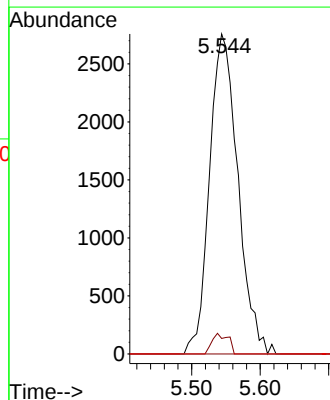
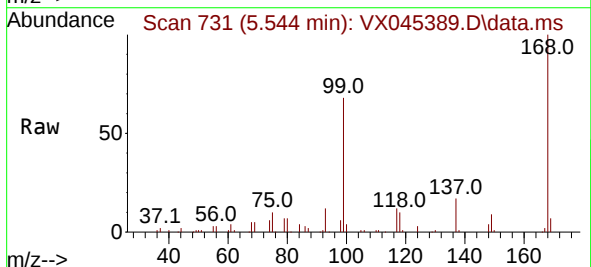
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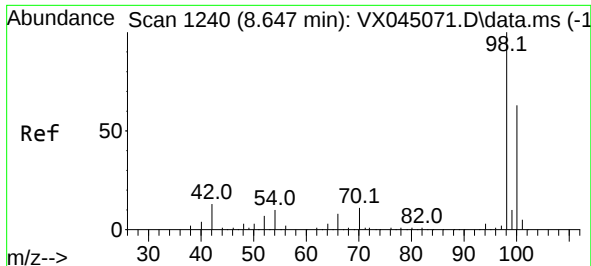
Tgt Ion: 75 Resp: 6398
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.9 50.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.440 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX045389.D
 Acq: 21 Mar 2025 15:38

Tgt Ion: 117 Resp: 7925
 Ion Ratio Lower Upper
 117 100
 119 4.9 76.7 115.1#
 121 0.0 25.5 38.3#

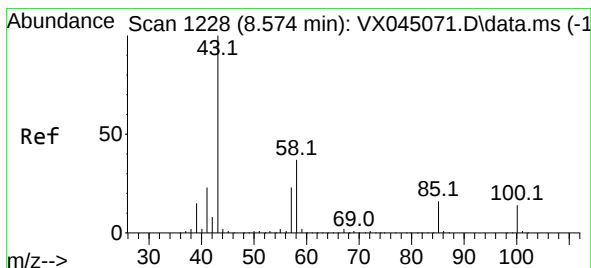
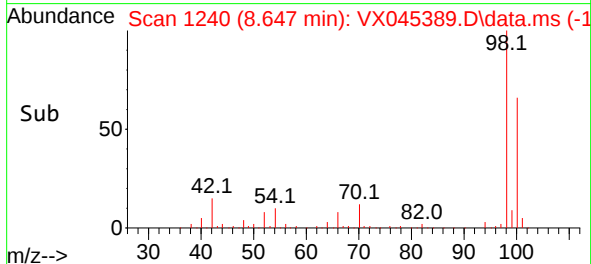
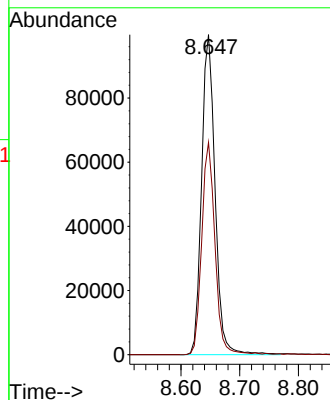
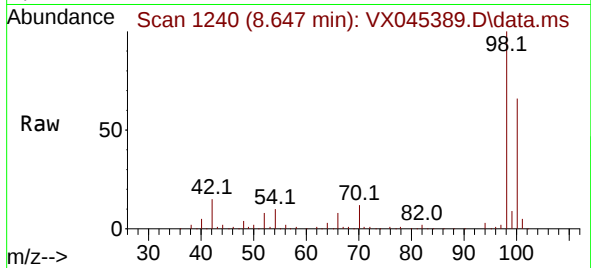




#50
Toluene-d8
Concen: 49.657 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

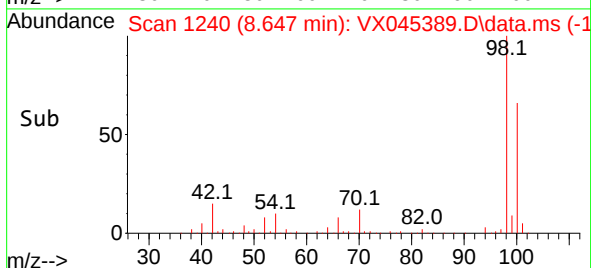
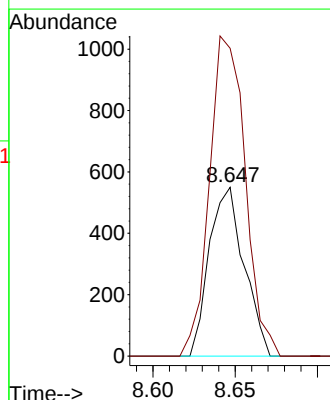
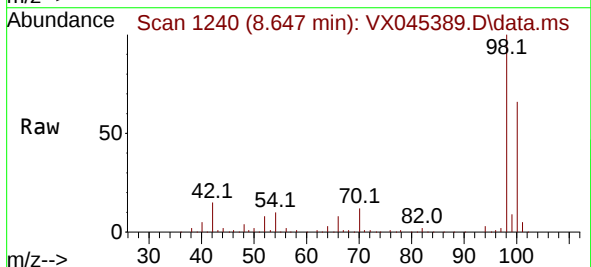
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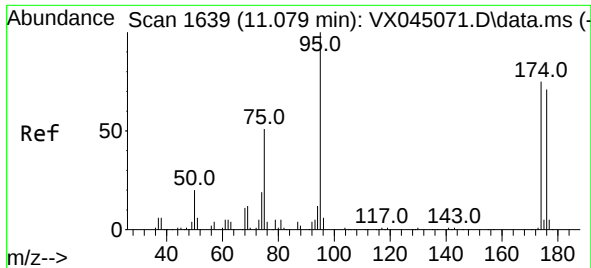
Tgt Ion: 98 Resp: 159107
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 194.3 29.2 43.8#

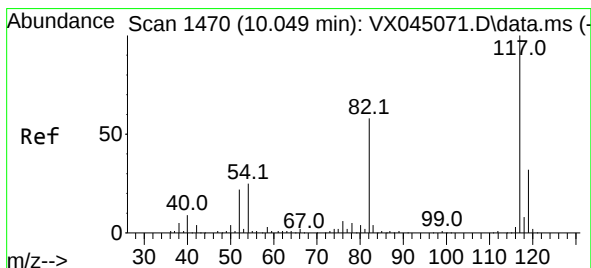
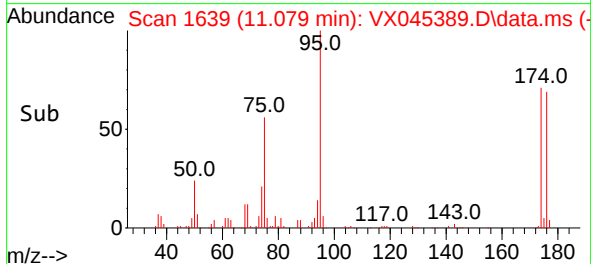
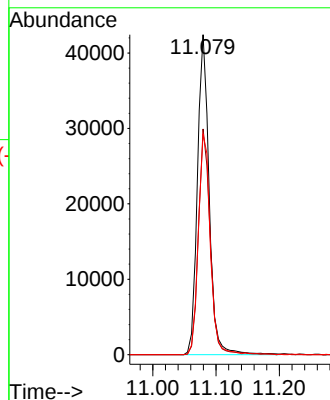
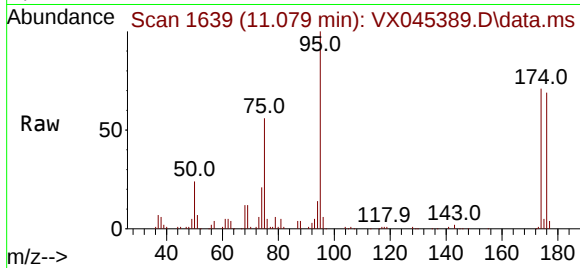




#62
4-Bromofluorobenzene
Concen: 51.692 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

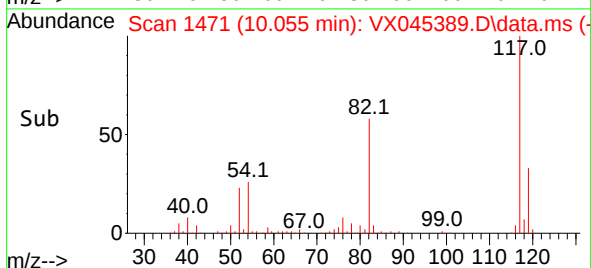
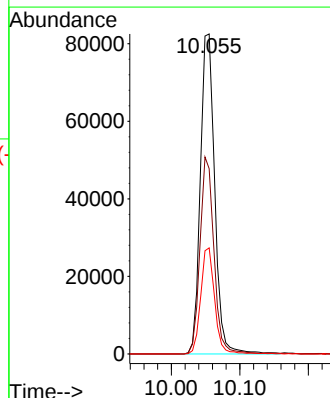
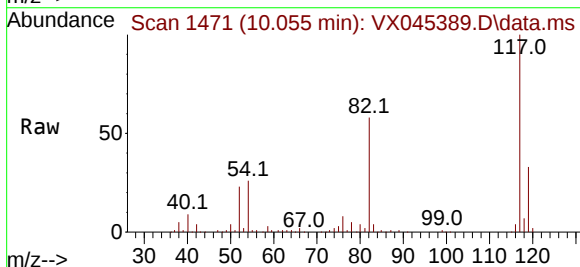
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250314

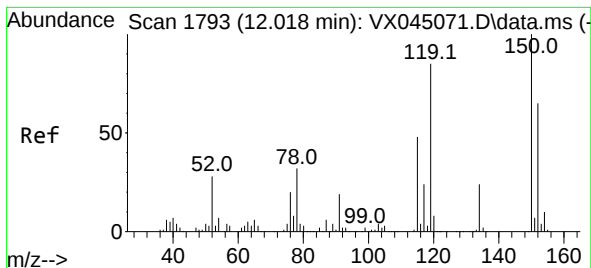
Tgt Ion: 95 Resp: 54884
Ion Ratio Lower Upper
95 100
174 70.2 0.0 148.2
176 71.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

Tgt Ion: 117 Resp: 120805
Ion Ratio Lower Upper
117 100
82 57.9 46.3 69.5
119 33.1 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX045389.D

Acq: 21 Mar 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-7-20250314

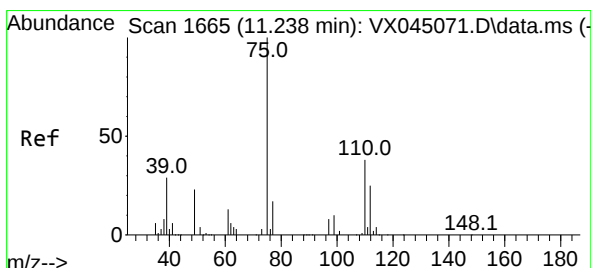
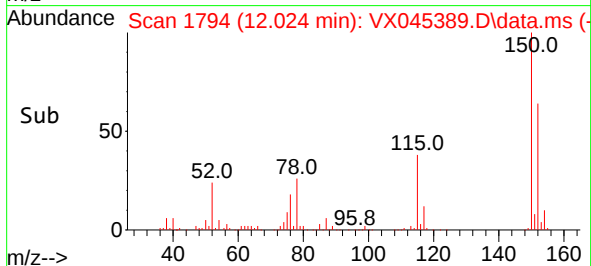
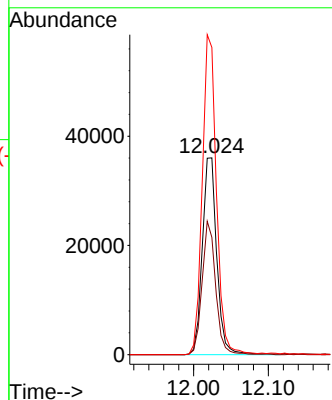
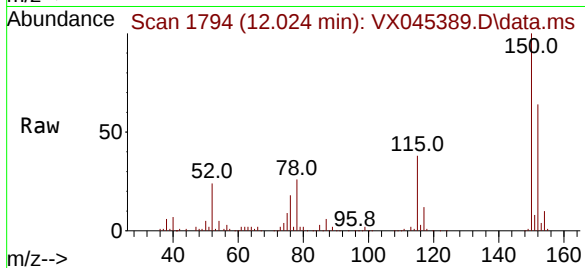
Tgt Ion:152 Resp: 48608

Ion Ratio Lower Upper

152 100

115 63.2 44.2 132.6

150 158.3 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 27.321 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX045389.D

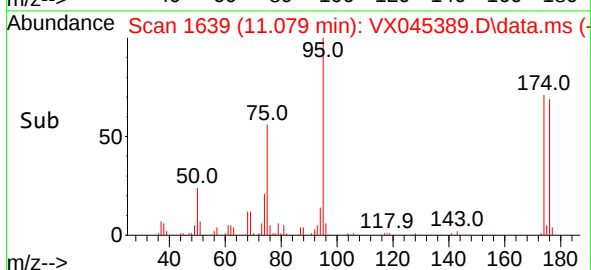
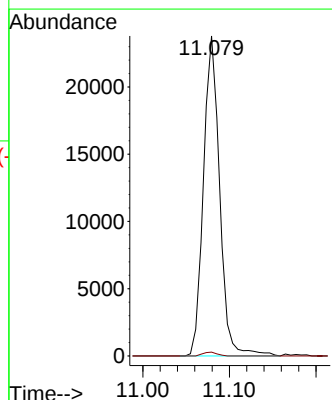
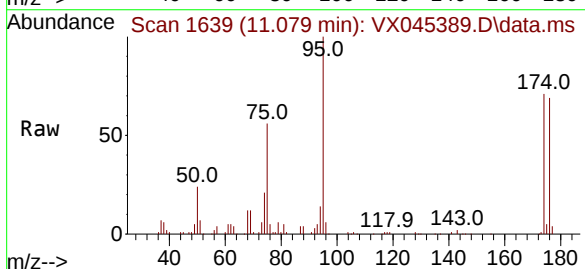
Acq: 21 Mar 2025 15:38

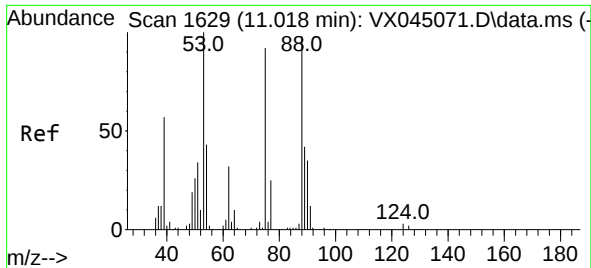
Tgt Ion: 75 Resp: 30910

Ion Ratio Lower Upper

75 100

77 1.1 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.498 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045389.D
Acq: 21 Mar 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250314

Tgt Ion: 75 Resp: 30910
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

