

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045371.D
 Acq On : 20 Mar 2025 19:05
 Operator : JC/MD
 Sample : Q1582-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20250314

Quant Time: Mar 21 01:53:45 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)

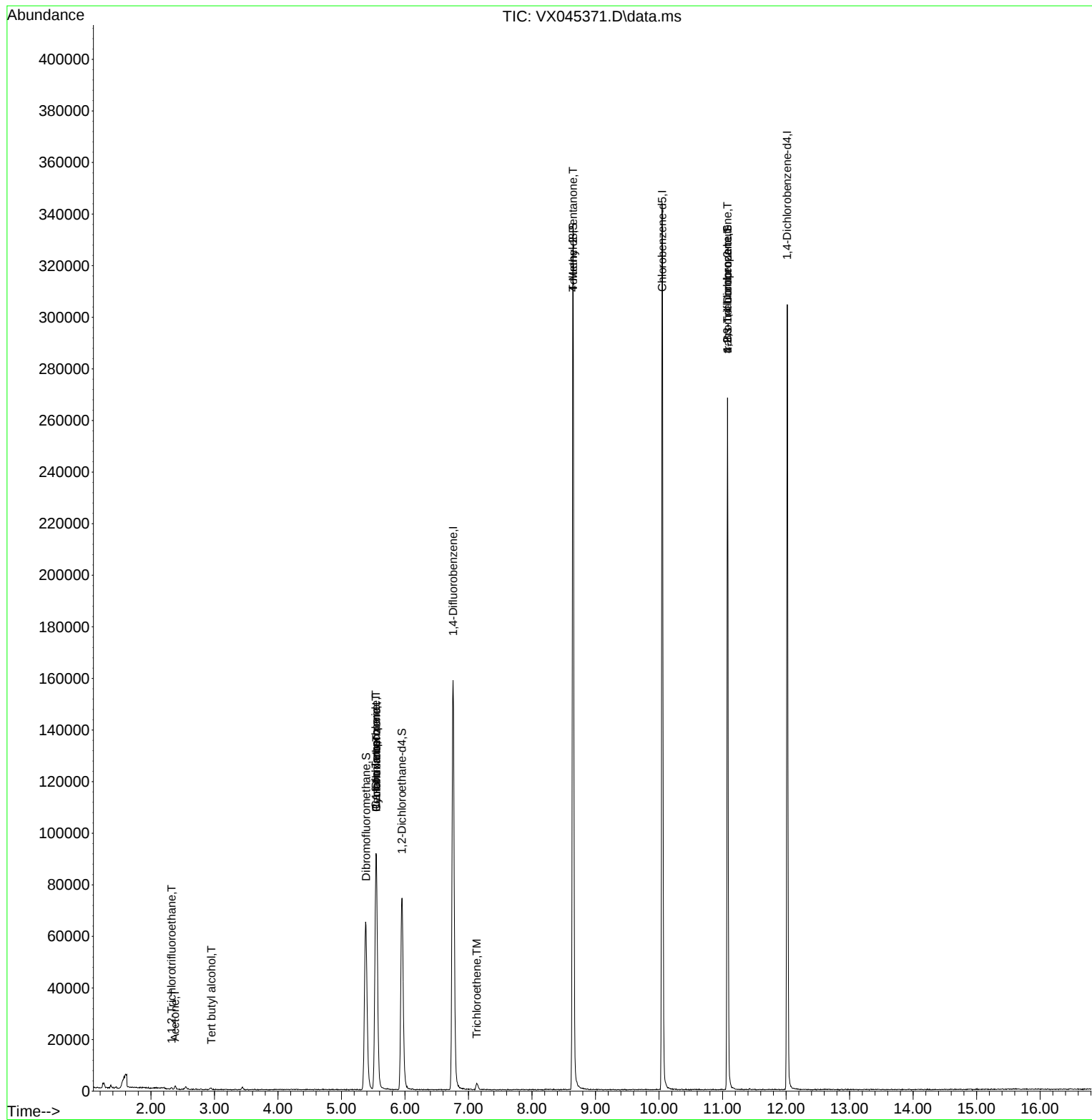
Internal Standards						
1) Pentafluorobenzene	5.550	168	81071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156759	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73166	56.737	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.480%
35) Dibromofluoromethane	5.385	113	56811	54.198	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.400%
50) Toluene-d8	8.647	98	195439	51.430	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.860%
62) 4-Bromofluorobenzene	11.079	95	67261	53.414	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.820%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	241	0.256	ug/l #	71
11) Tert butyl alcohol	2.953	59	106	0.434	ug/l #	73
16) Acetone	2.380	43	1284	2.146	ug/l	91
31) Cyclohexane	5.550	56	2380	1.357	ug/l #	38
36) 1,1-Dichloropropene	5.544	75	7833	5.449	ug/l #	51
38) Carbon Tetrachloride	5.544	117	9635	6.602	ug/l #	17
44) Trichloroethene	7.129	130	1180	1.107	ug/l	70
51) 4-Methyl-2-Pentanone	8.647	43	1121	0.610	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38398	28.692	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38398	98.190	ug/l #	6

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

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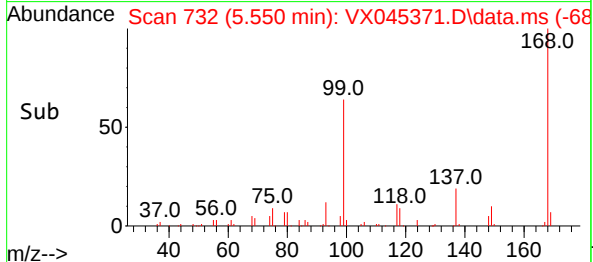
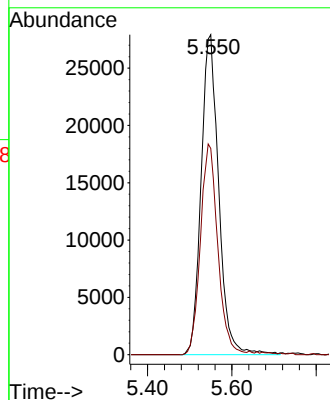
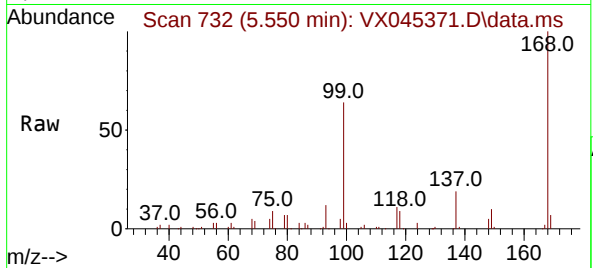




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

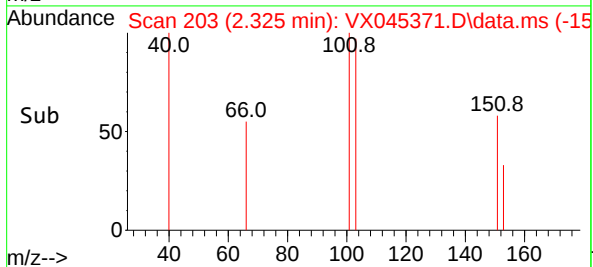
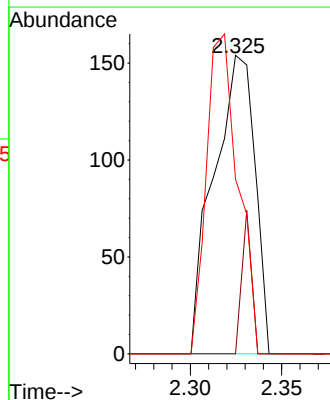
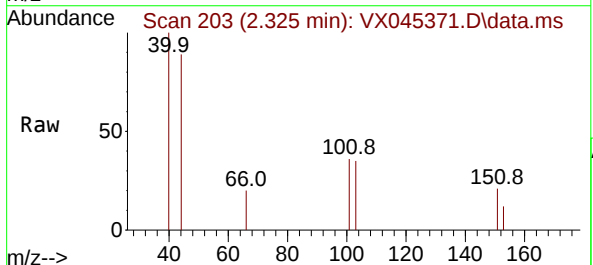
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250314

Tgt Ion:168 Resp: 81071
Ion Ratio Lower Upper
168 100
99 64.4 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.256 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

Tgt Ion:101 Resp: 241
Ion Ratio Lower Upper
101 100
85 11.2 36.2 54.4#
151 82.2 56.4 84.6





#11

Tert butyl alcohol

Concen: 0.434 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.031 min

Lab File: VX045371.D

Acq: 20 Mar 2025 19:05

Instrument :

MSVOA_X

ClientSampleId :

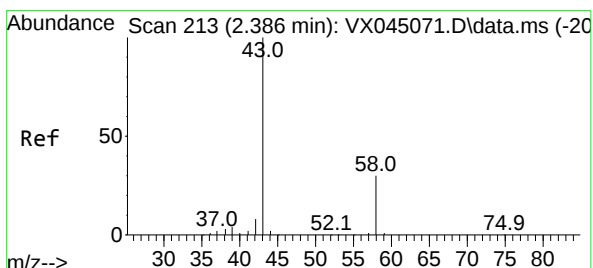
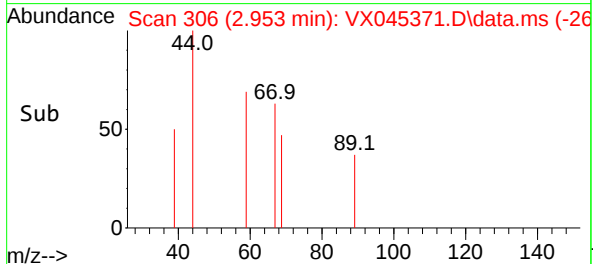
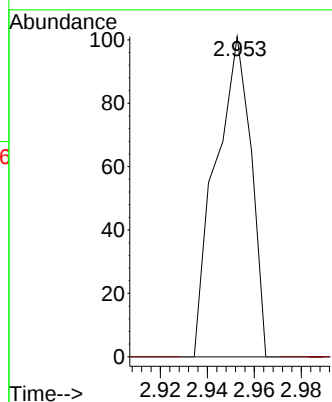
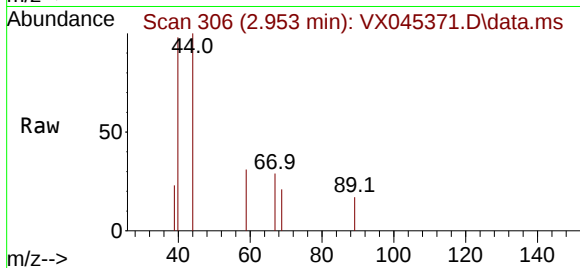
BPOW1-7-20250314

Tgt Ion: 59 Resp: 106

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 2.146 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045371.D

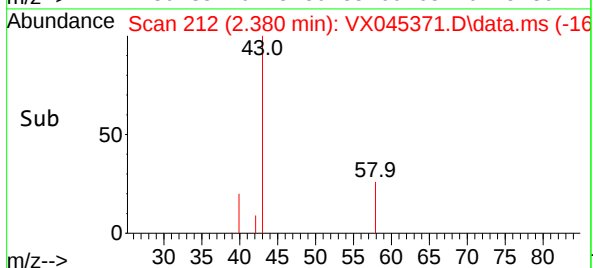
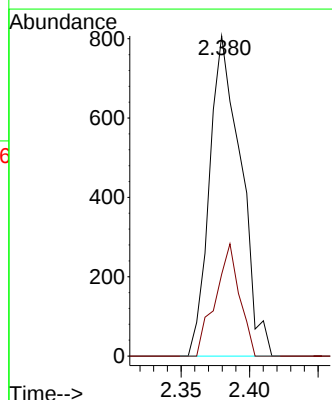
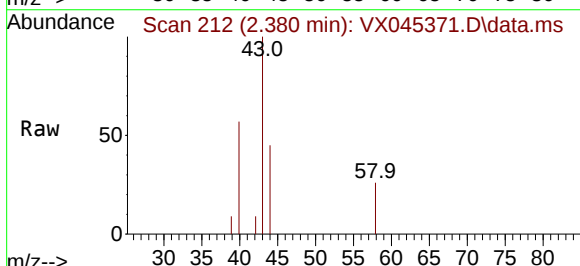
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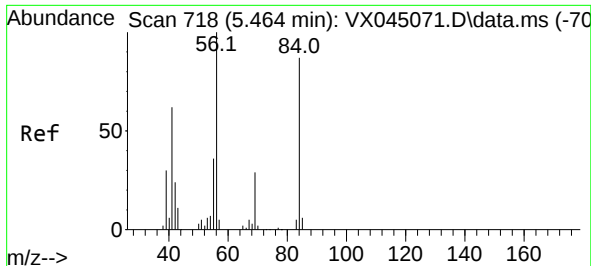
Tgt Ion: 43 Resp: 1284

Ion Ratio Lower Upper

43 100

58 25.5 24.2 36.4

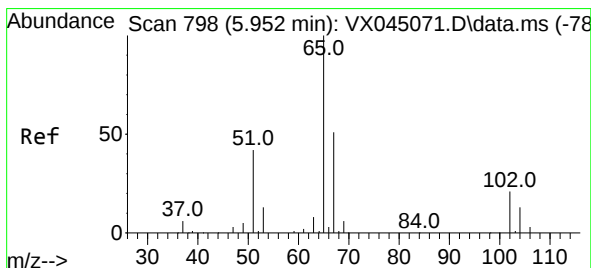
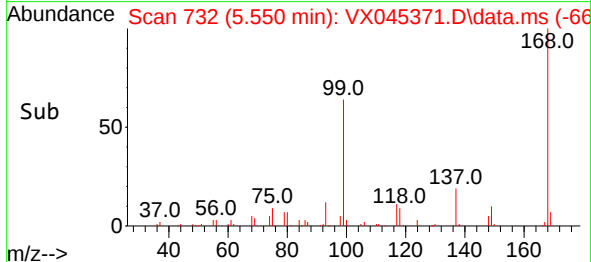
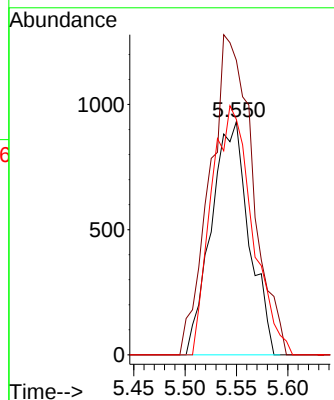
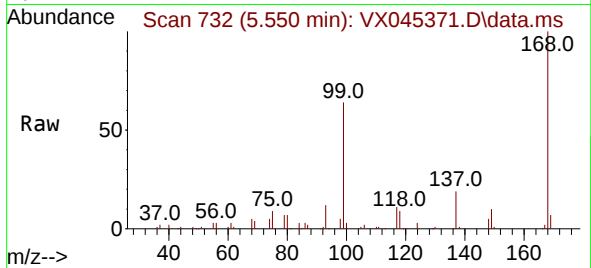




#31
Cyclohexane
Concen: 1.357 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

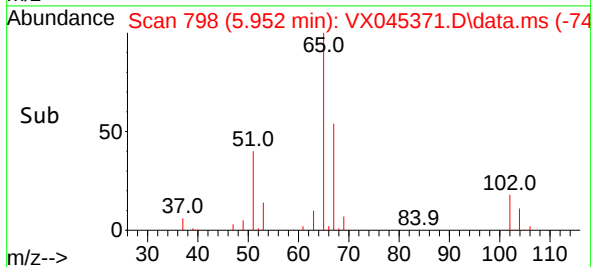
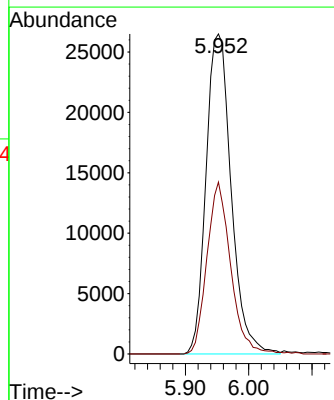
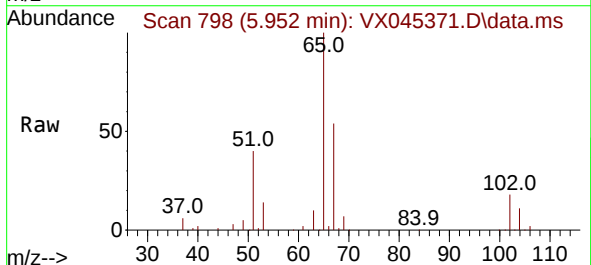
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250314

Tgt Ion: 56 Resp: 2380
Ion Ratio Lower Upper
56 100
69 126.4 23.4 35.2#
84 107.0 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 56.737 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

Tgt Ion: 65 Resp: 73166
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.2

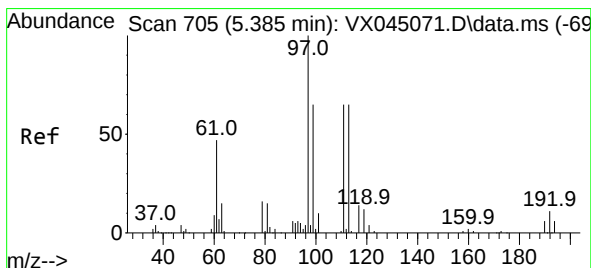
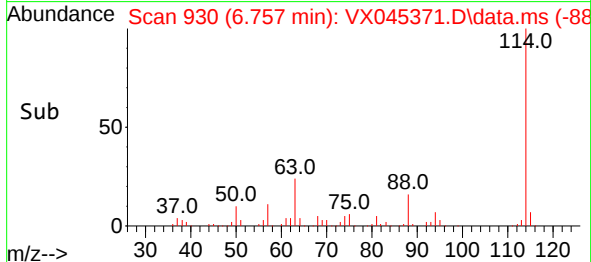
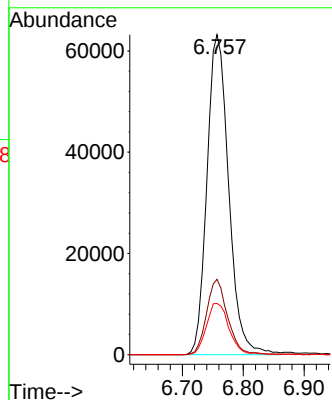
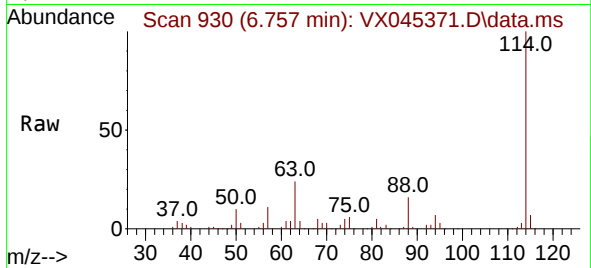




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

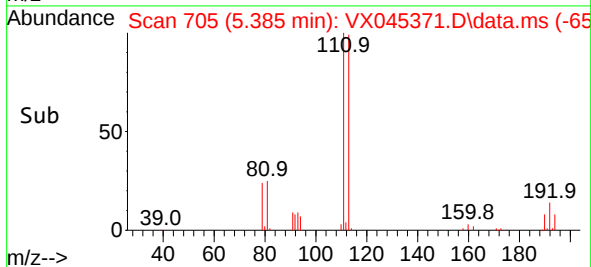
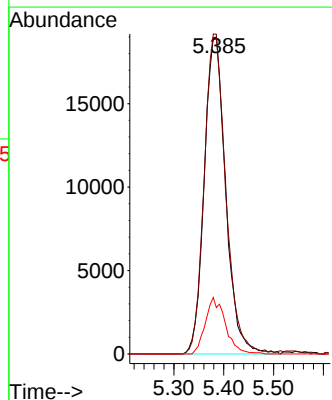
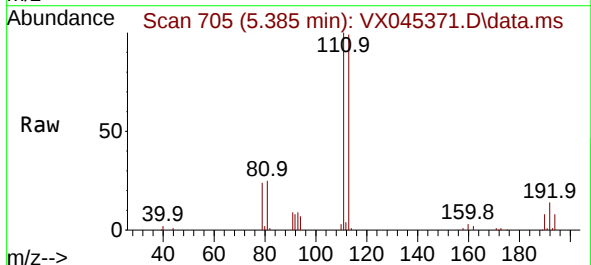
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250314

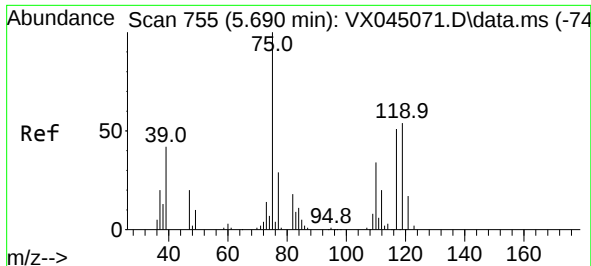
Tgt Ion:114 Resp: 156759
Ion Ratio Lower Upper
114 100
63 23.5 0.0 41.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.198 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

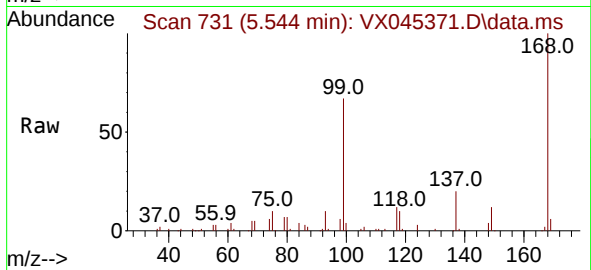
Tgt Ion:113 Resp: 56811
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 16.7 14.3 21.5



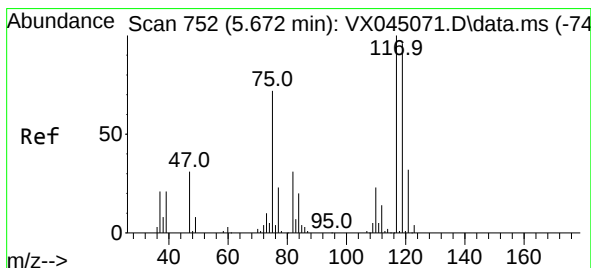
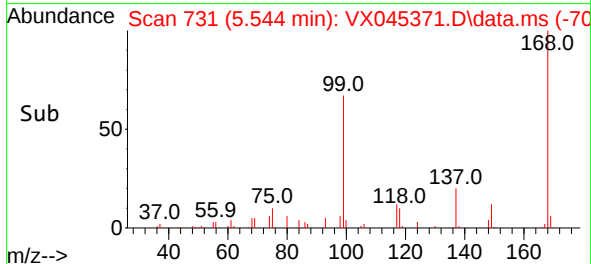
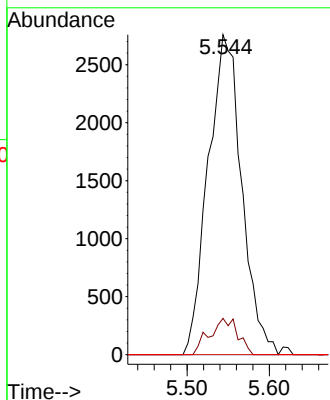


#36
1,1-Dichloropropene
Concen: 5.449 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250314

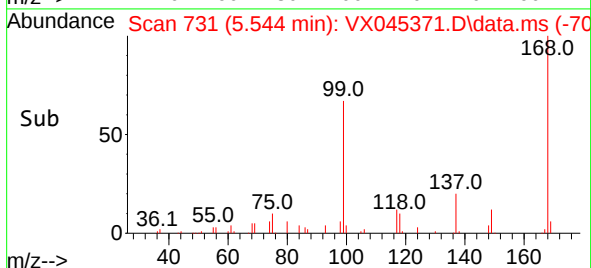
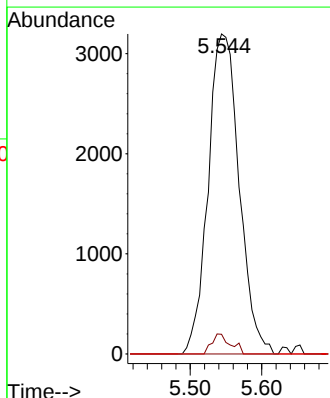
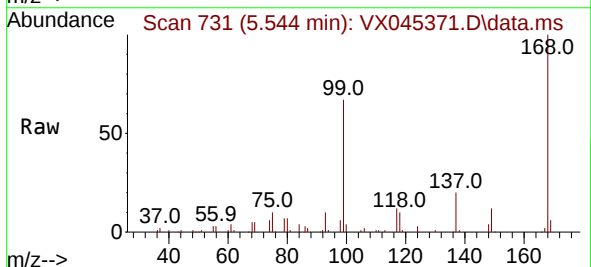


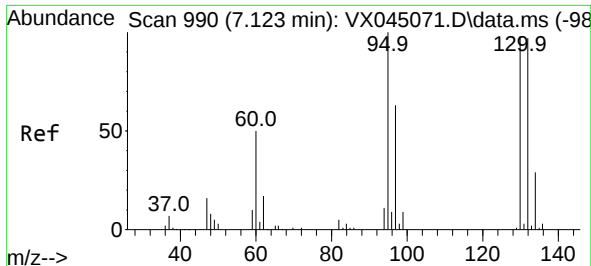
Tgt Ion: 75 Resp: 7833
Ion Ratio Lower Upper
75 100
110 9.5 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.602 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

Tgt Ion: 117 Resp: 9635
Ion Ratio Lower Upper
117 100
119 6.2 76.7 115.1#
121 0.0 25.5 38.3#

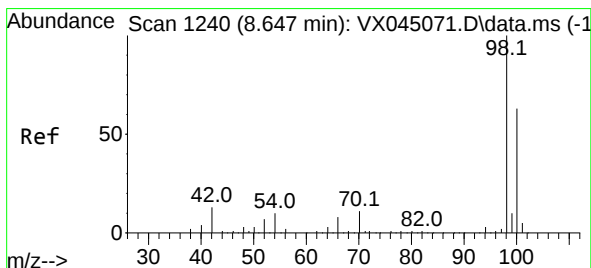
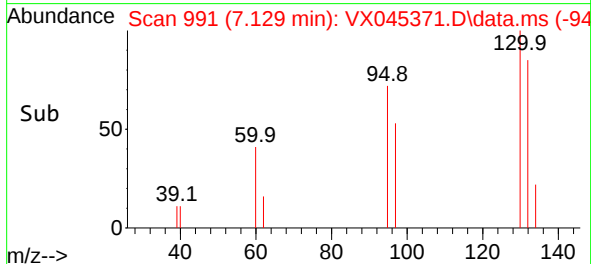
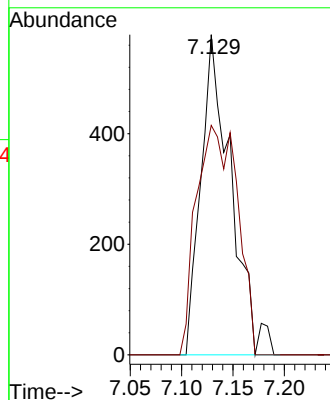
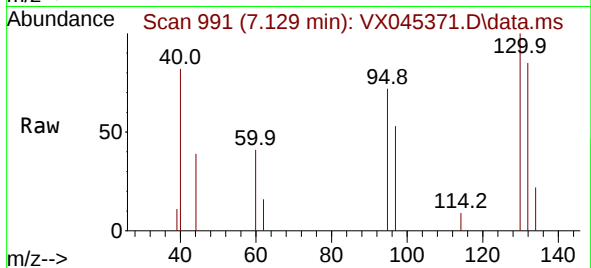




#44
Trichloroethene
Concen: 1.107 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

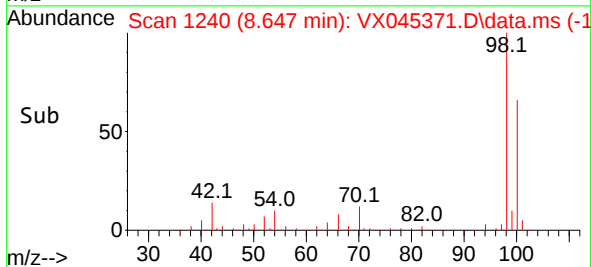
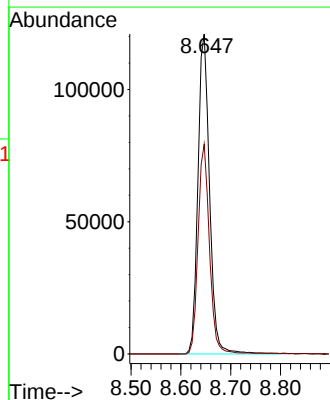
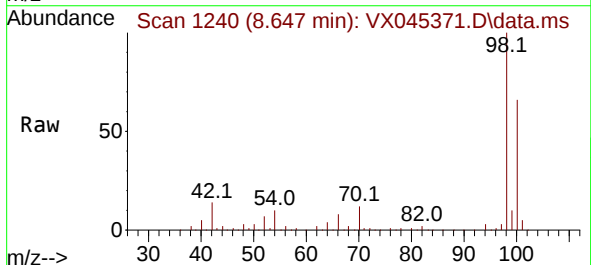
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250314

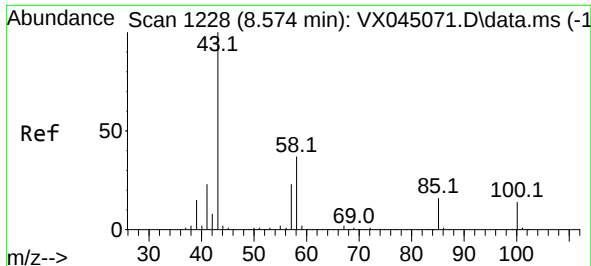
Tgt Ion:130 Resp: 1180
Ion Ratio Lower Upper
130 100
95 71.7 0.0 205.0



#50
Toluene-d8
Concen: 51.430 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

Tgt Ion: 98 Resp: 195439
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

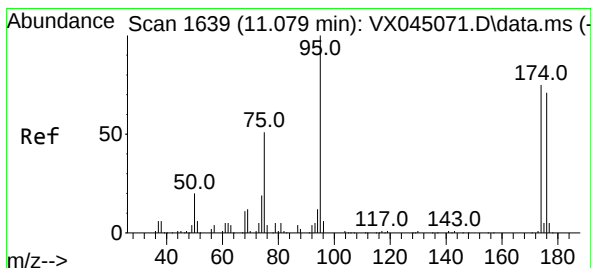
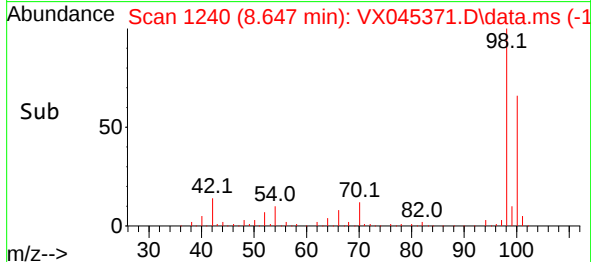
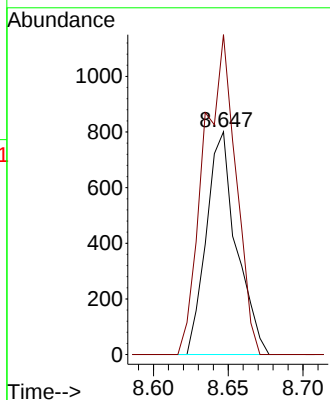
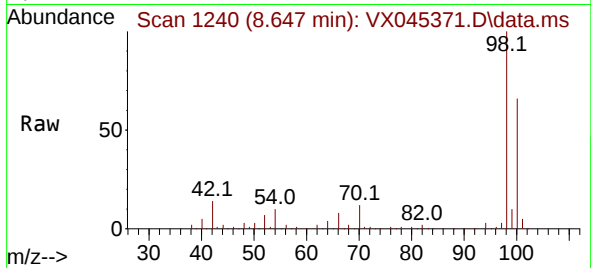




#51
4-Methyl-2-Pentanone
Concen: 0.610 ug/l
RT: 8.647 min Scan# 1121
Delta R.T. 0.073 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

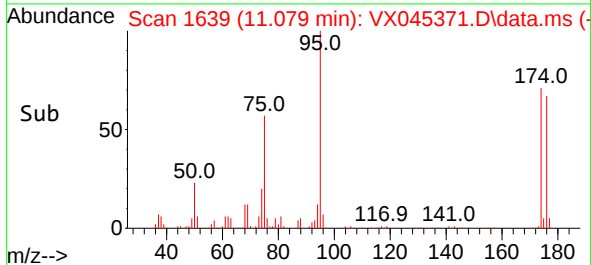
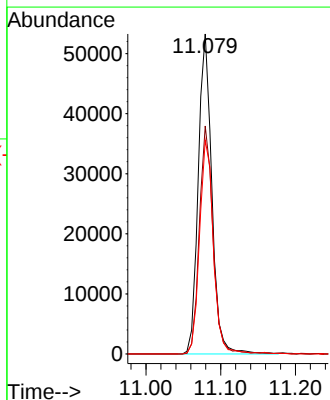
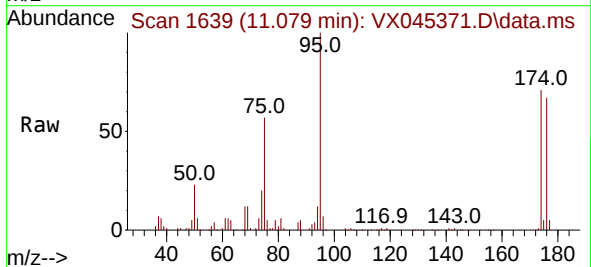
Instrument :
MSVOA_X
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BPOW1-7-20250314

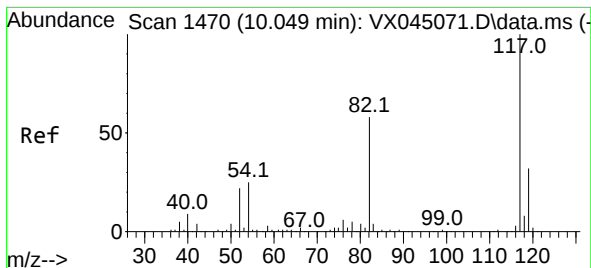
Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 153.4 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 53.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

Tgt Ion: 95 Resp: 67261
Ion Ratio Lower Upper
95 100
174 71.6 0.0 148.2
176 67.9 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: VX045371.D

Acq: 20 Mar 2025 19:05

Instrument :

MSVOA_X

ClientSampleId :

BPOW1-7-20250314

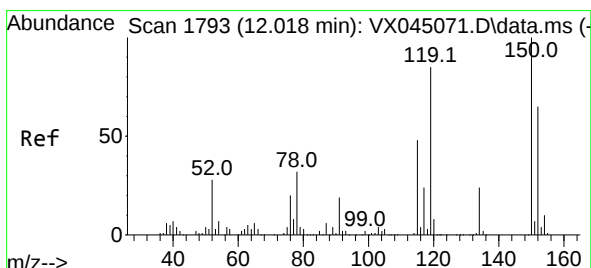
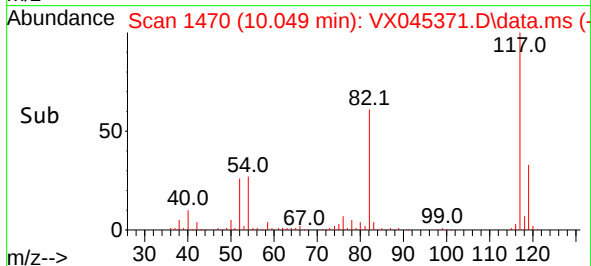
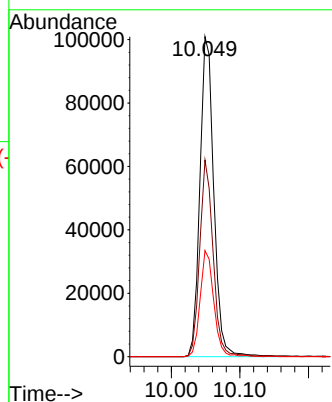
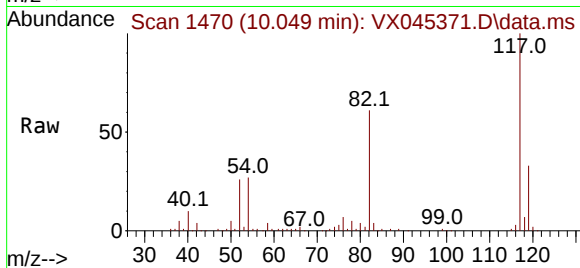
Tgt Ion:117 Resp: 142821

Ion Ratio Lower Upper

117 100

82 61.4 46.3 69.5

119 33.2 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: VX045371.D

Acq: 20 Mar 2025 19:05

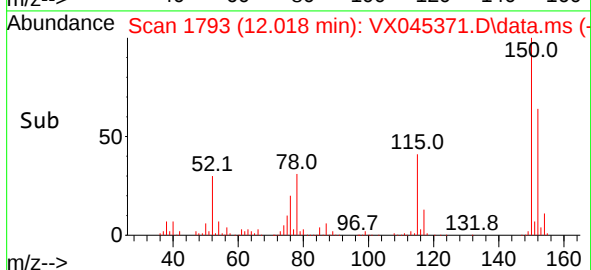
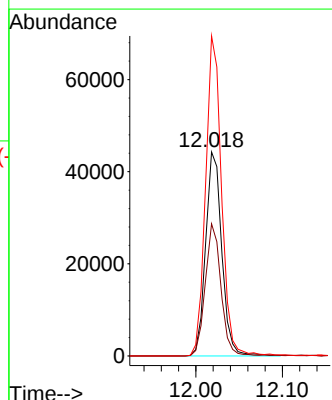
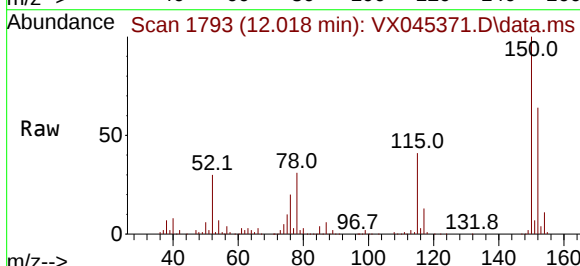
Tgt Ion:152 Resp: 57498

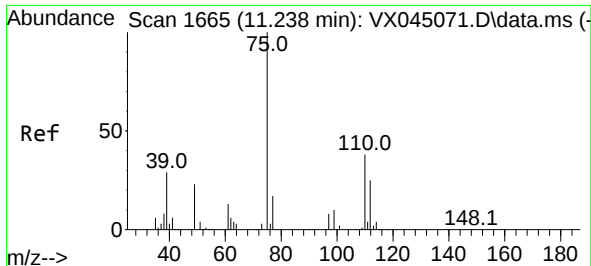
Ion Ratio Lower Upper

152 100

115 63.1 44.2 132.6

150 155.0 0.0 349.0

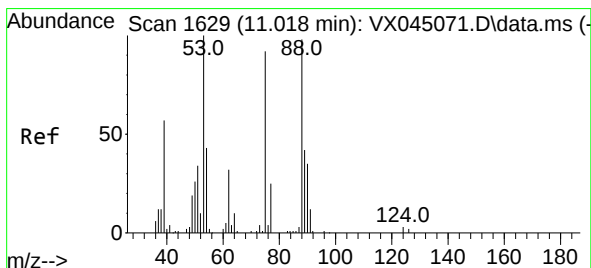
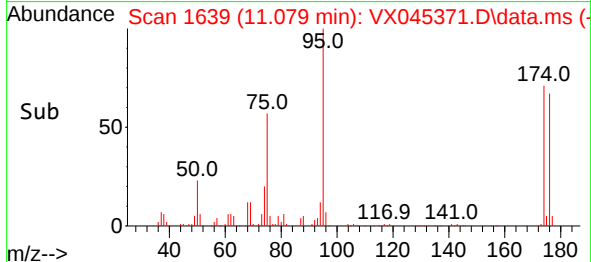
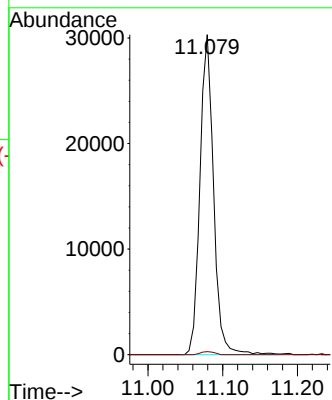
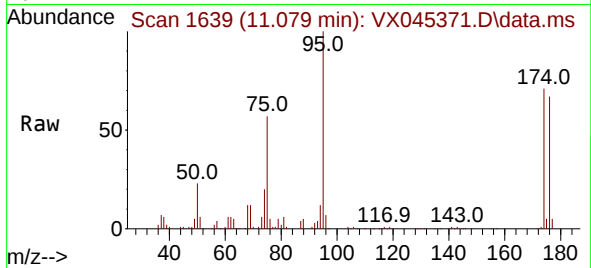




#76
1,2,3-Trichloropropane
Concen: 28.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20250314

Tgt Ion: 75 Resp: 38398
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045371.D
Acq: 20 Mar 2025 19:05

Tgt Ion: 75 Resp: 38398
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

