

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045327.D
 Acq On : 18 Mar 2025 16:01
 Operator : JC/MD
 Sample : Q1557-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-11-20250312

Quant Time: Mar 19 01:46:22 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)

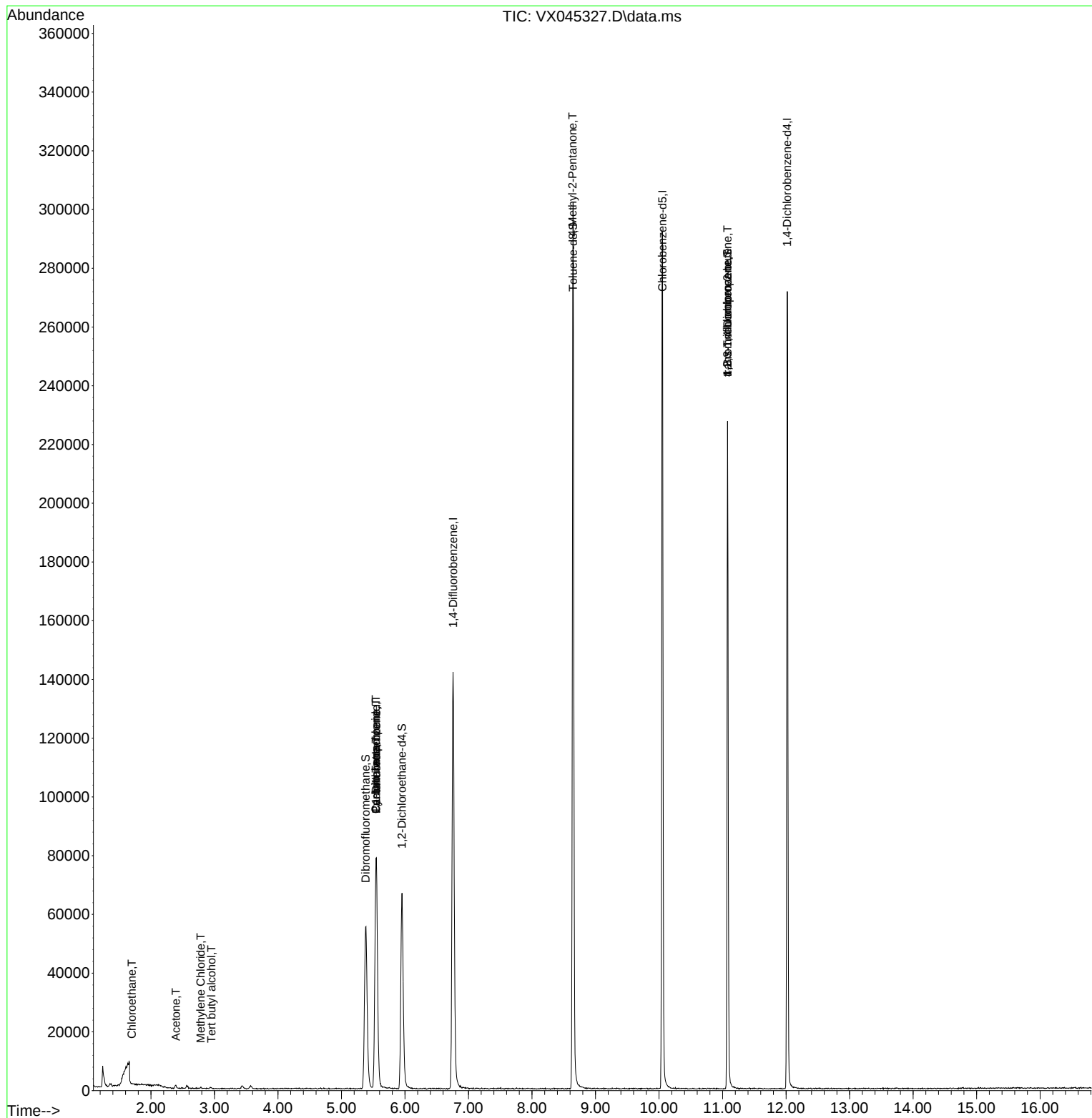
Internal Standards						
1) Pentafluorobenzene	5.550	168	71499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64290	56.529	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.060%			
35) Dibromofluoromethane	5.379	113	49093	51.960	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	8.647	98	174224	50.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	11.079	95	57530	50.686	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.380%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	499	0.990	ug/l #	41
11) Tert butyl alcohol	2.953	59	83	0.385	ug/l #	73
16) Acetone	2.392	43	1174	2.225	ug/l	96
20) Methylene Chloride	2.782	84	217	0.208	ug/l #	60
31) Cyclohexane	5.544	56	2334	1.508	ug/l #	39
36) 1,1-Dichloropropene	5.544	75	6531	5.040	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7921	6.021	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	918	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32671	27.527	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32671	94.203	ug/l #	6

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

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BPOW6-11-20250312

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

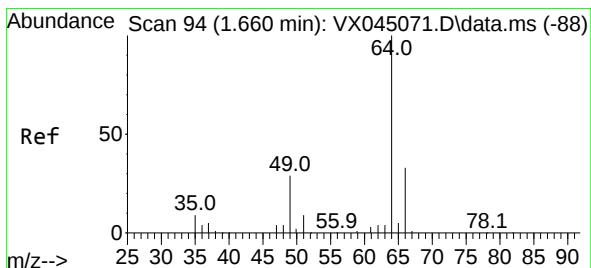
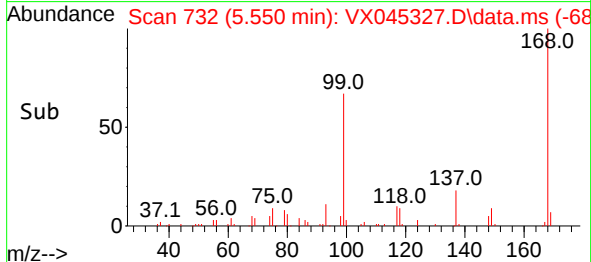
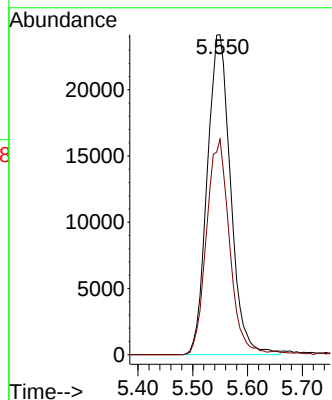
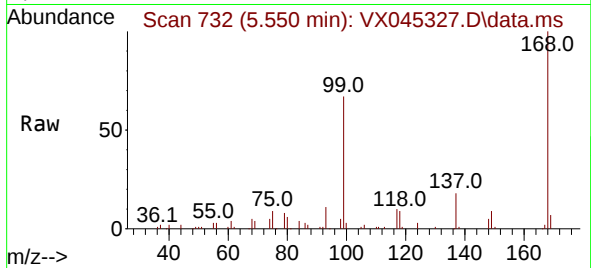




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

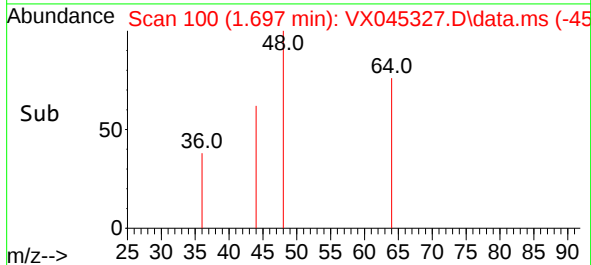
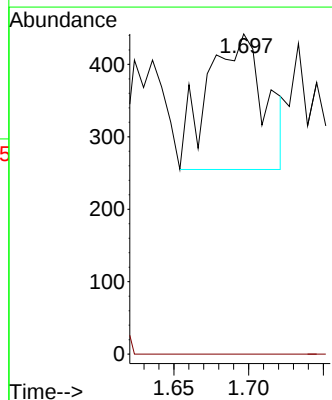
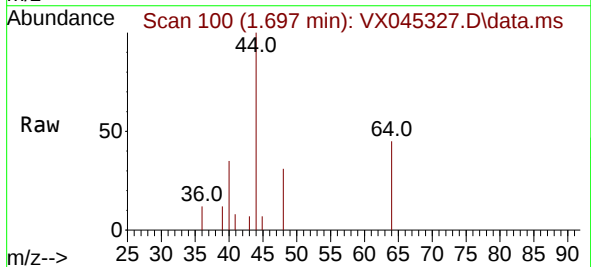
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

Tgt Ion:168 Resp: 71499
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.4



#6
Chloroethane
Concen: 0.990 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.036 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Tgt Ion: 64 Resp: 499
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#

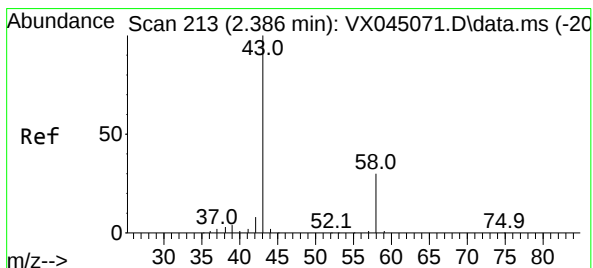
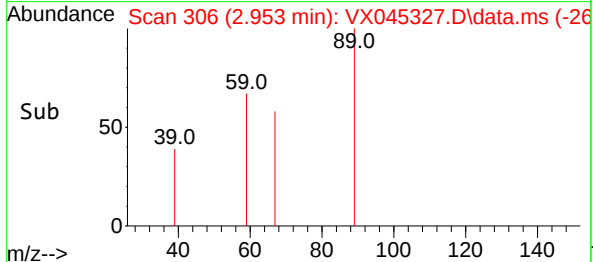
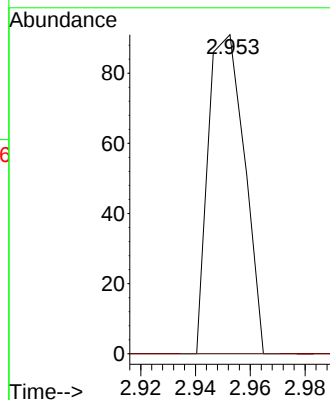
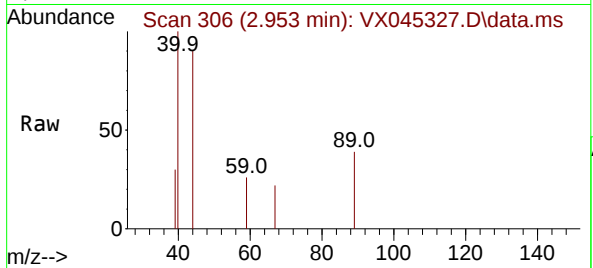




#11
Tert butyl alcohol
Concen: 0.385 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

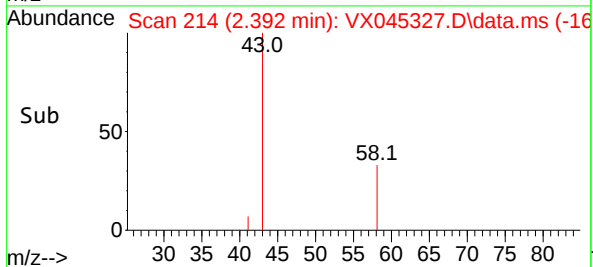
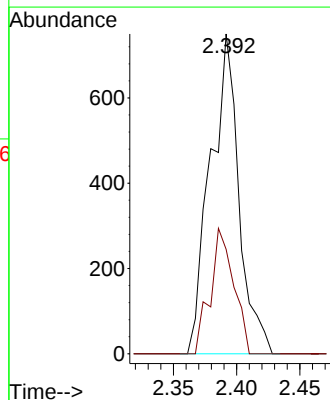
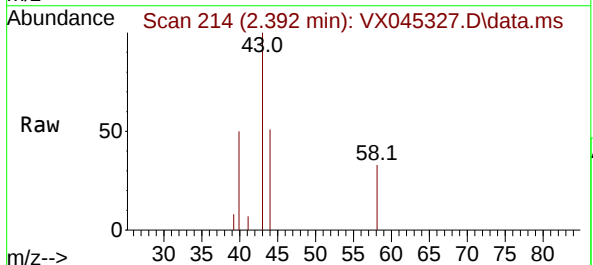
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

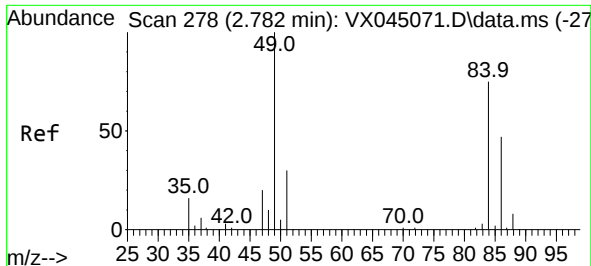
Tgt Ion: 59 Resp: 83
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 2.225 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Tgt Ion: 43 Resp: 1174
Ion Ratio Lower Upper
43 100
58 32.7 24.2 36.4





#20

Methylene Chloride

Concen: 0.208 ug/l

RT: 2.782 min Scan# 217

Delta R.T. -0.000 min

Lab File: VX045327.D

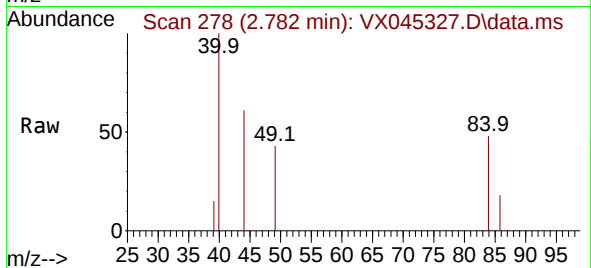
Acq: 18 Mar 2025 16:01

Instrument :

MSVOA_X

ClientSampleId :

BPOW6-11-20250312



Tgt Ion: 84 Resp: 217

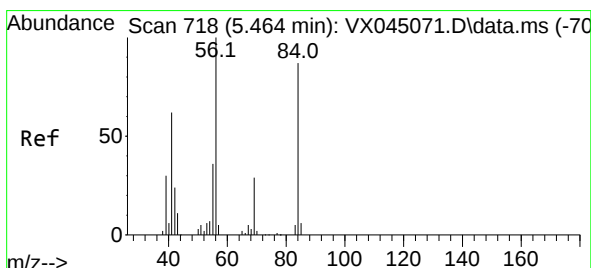
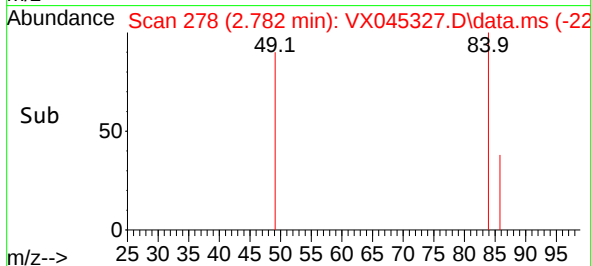
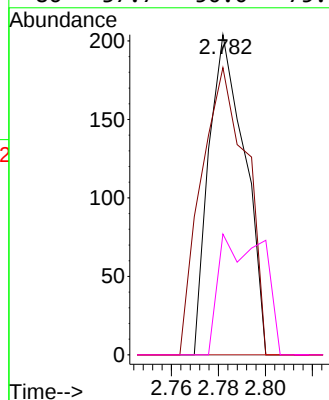
Ion Ratio Lower Upper

84 100

49 89.7 106.5 159.7#

51 0.0 32.1 48.1#

86 37.7 50.0 75.0#



#31

Cyclohexane

Concen: 1.508 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045327.D

Acq: 18 Mar 2025 16:01

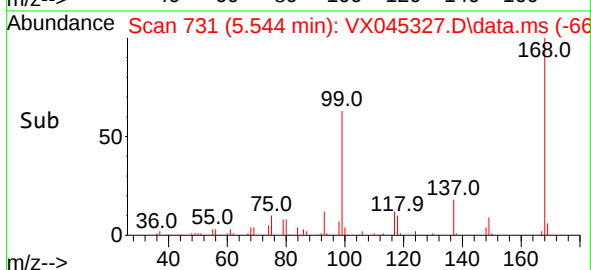
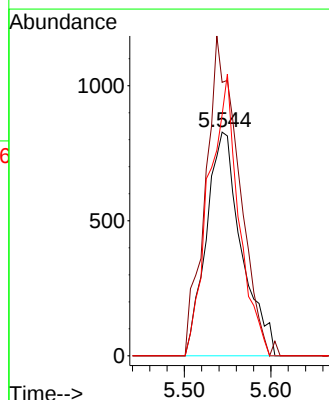
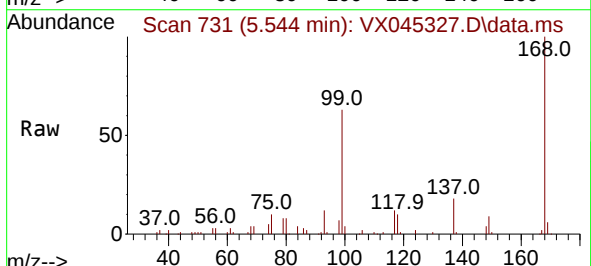
Tgt Ion: 56 Resp: 2334

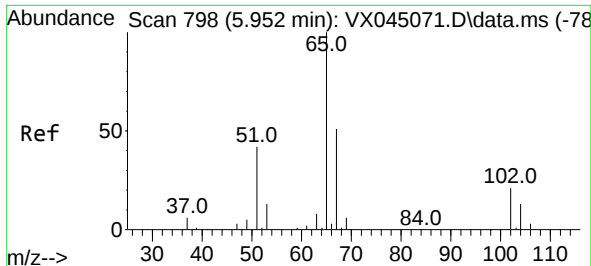
Ion Ratio Lower Upper

56 100

69 122.2 23.4 35.2#

84 107.7 69.4 104.2#

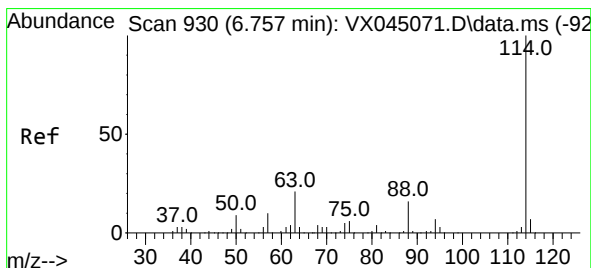
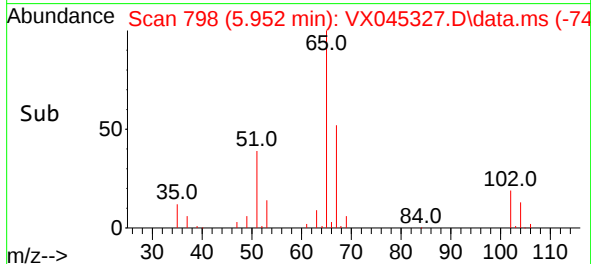
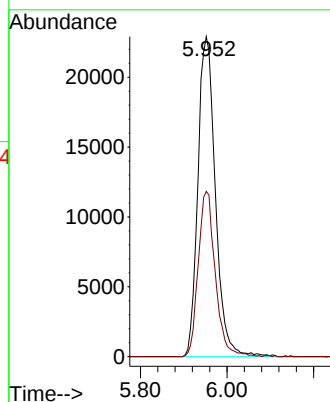
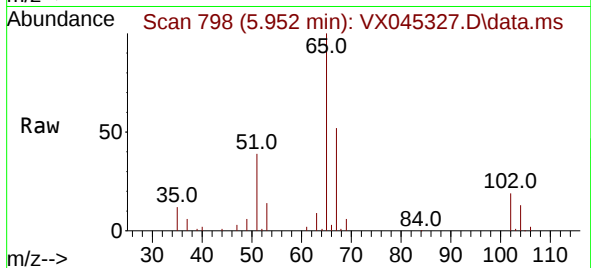




#33
 1,2-Dichloroethane-d4
 Concen: 56.529 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045327.D
 Acq: 18 Mar 2025 16:01

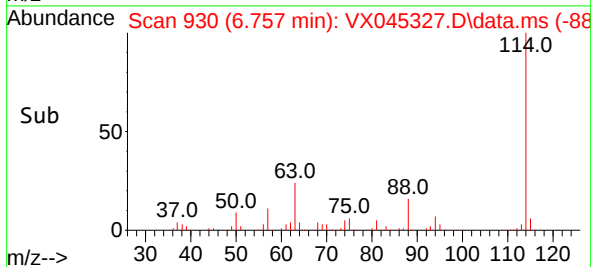
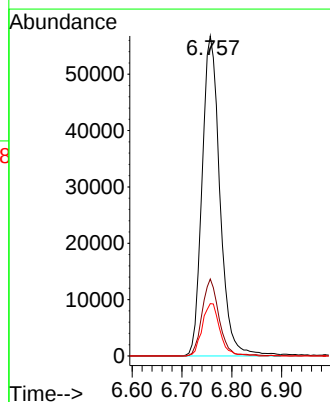
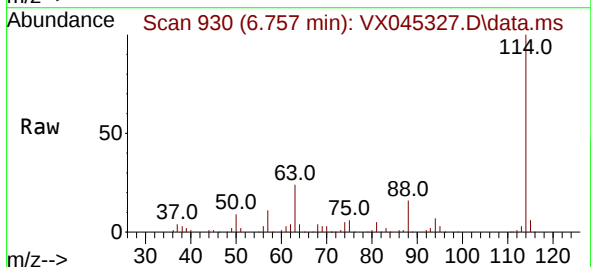
Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-11-20250312

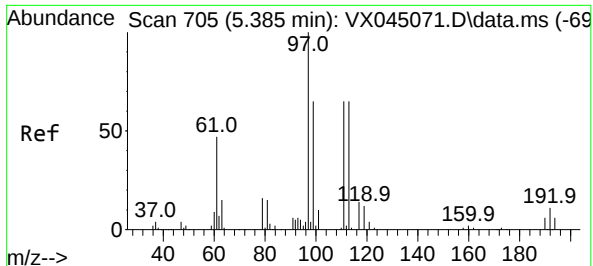
Tgt Ion: 65 Resp: 64290
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045327.D
 Acq: 18 Mar 2025 16:01

Tgt Ion: 114 Resp: 141297
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 41.8
 88 16.3 0.0 32.8

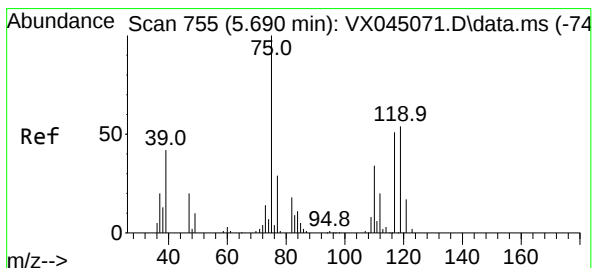
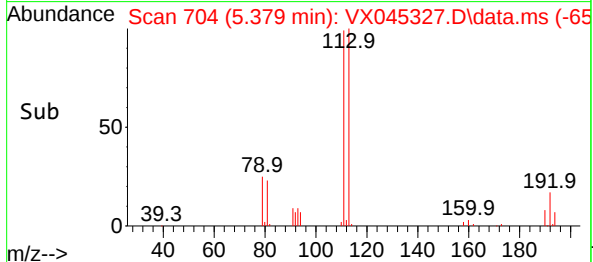
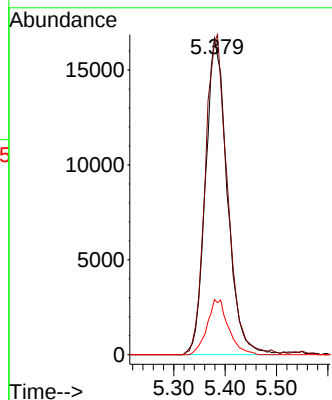
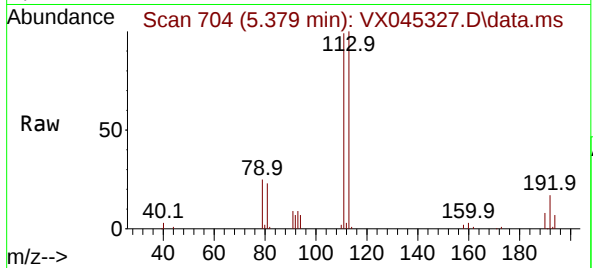




#35
Dibromofluoromethane
Concen: 51.960 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

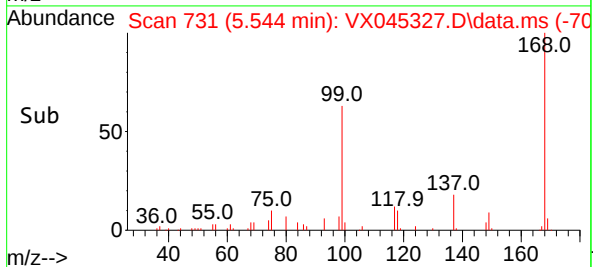
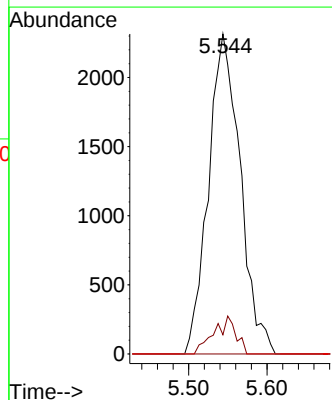
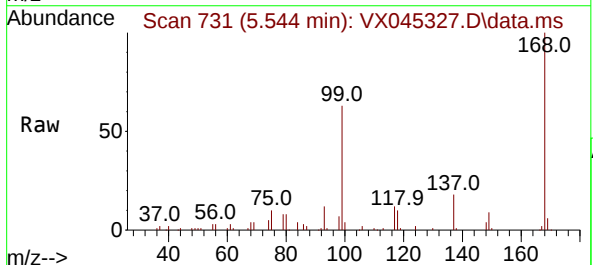
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

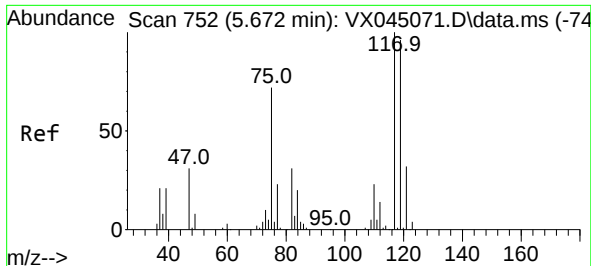
Tgt Ion:113 Resp: 49093
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 17.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

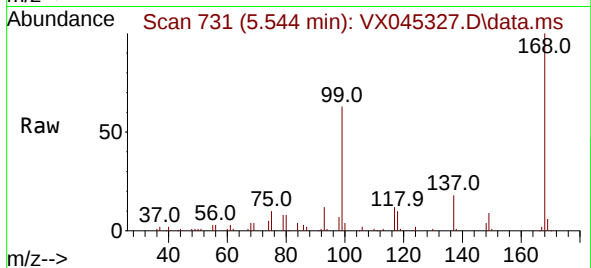
Tgt Ion: 75 Resp: 6531
Ion Ratio Lower Upper
75 100
110 8.2 16.9 50.6#
77 0.0 24.5 36.7#



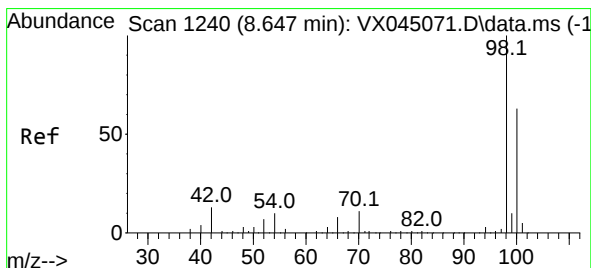
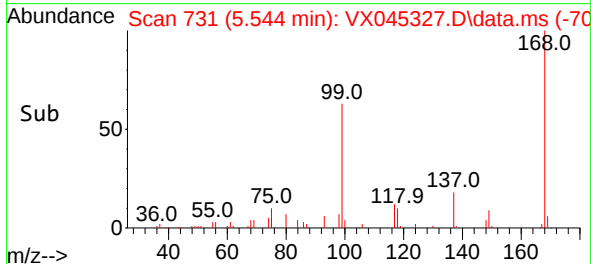
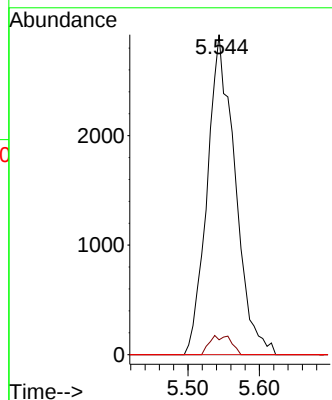


#38
Carbon Tetrachloride
Concen: 6.021 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

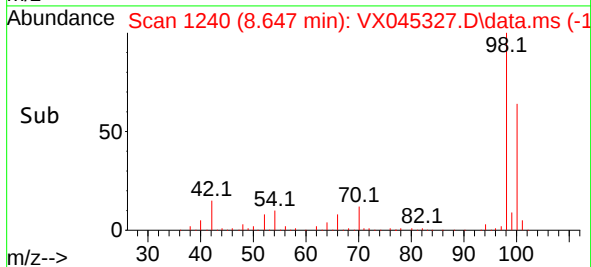
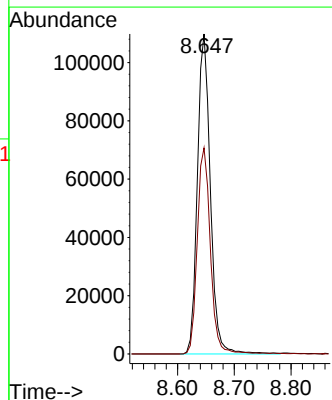
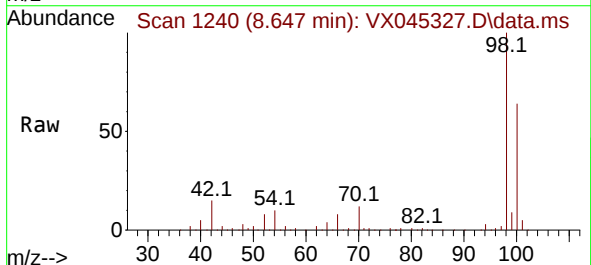


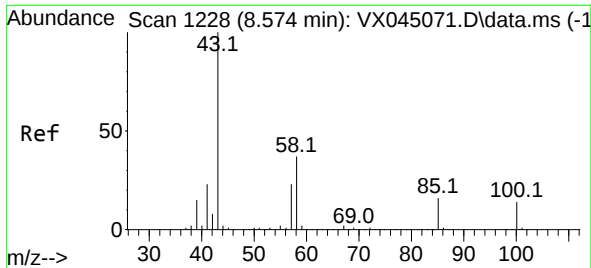
Tgt Ion:117 Resp: 7921
Ion Ratio Lower Upper
117 100
119 4.7 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 50.864 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Tgt Ion: 98 Resp: 174224
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

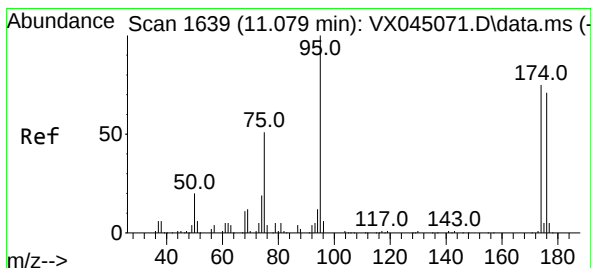
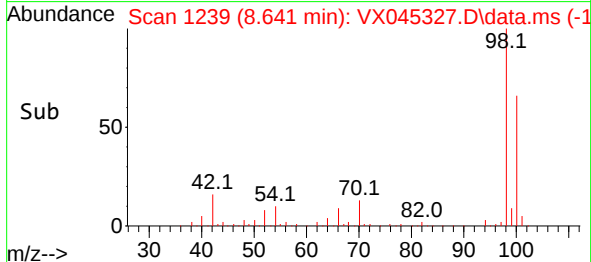
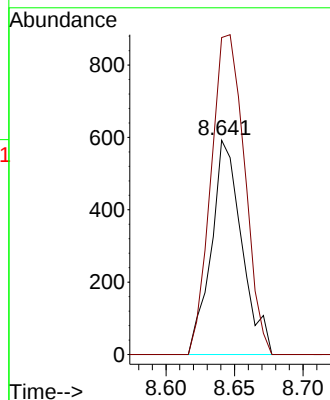
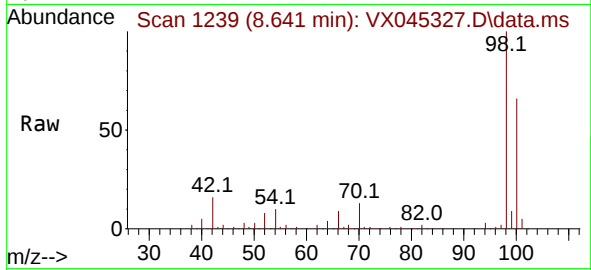




#51
4-Methyl-2-Pentanone
Concen: 0.554 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

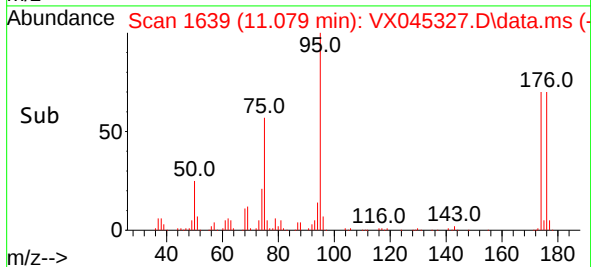
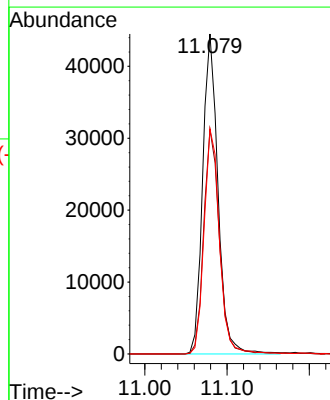
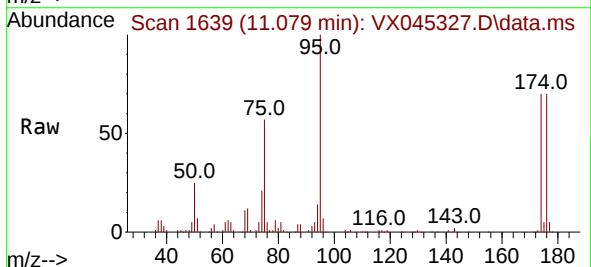
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

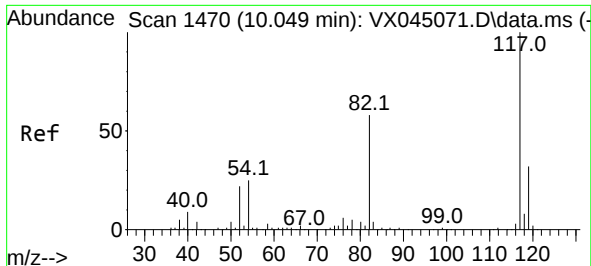
Tgt Ion: 43 Resp: 918
Ion Ratio Lower Upper
43 100
58 164.4 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 50.686 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Tgt Ion: 95 Resp: 57530
Ion Ratio Lower Upper
95 100
174 72.0 0.0 148.2
176 70.9 0.0 141.4

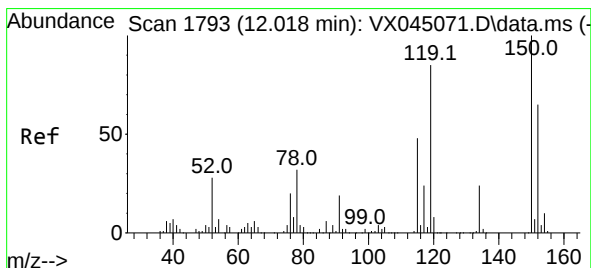
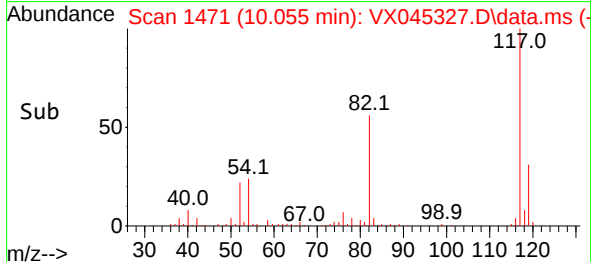
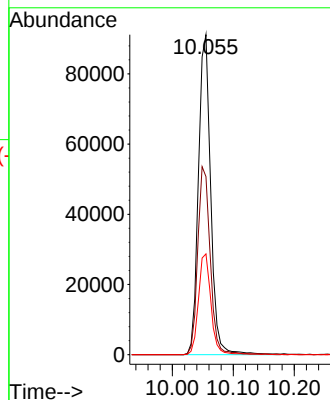
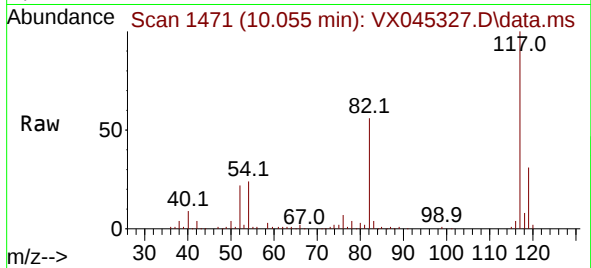




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

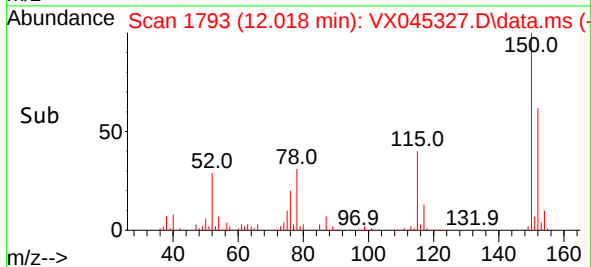
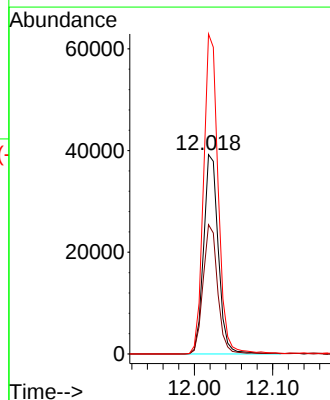
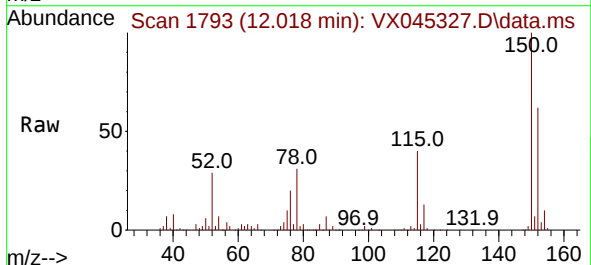
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

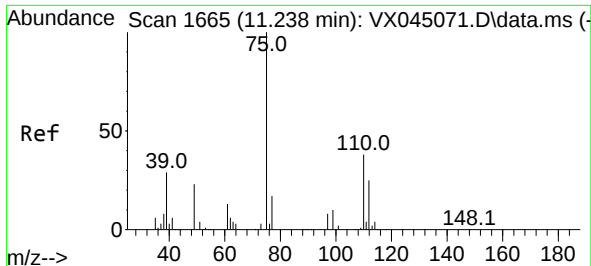
Tgt Ion:117 Resp: 127382
Ion Ratio Lower Upper
117 100
82 55.7 46.3 69.5
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Tgt Ion:152 Resp: 50993
Ion Ratio Lower Upper
152 100
115 64.3 44.2 132.6
150 160.1 0.0 349.0

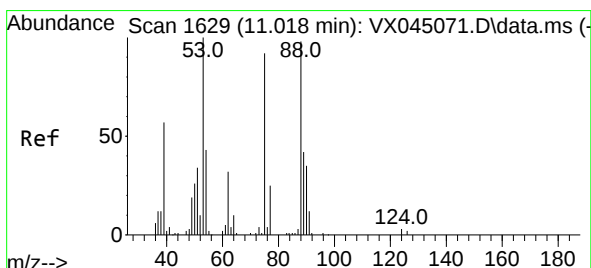
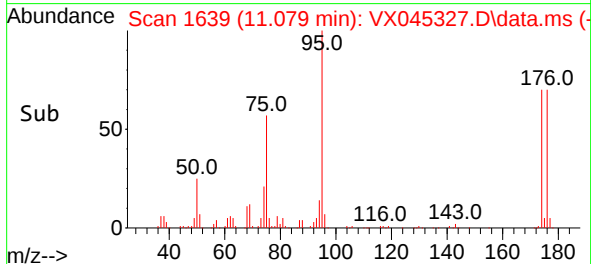
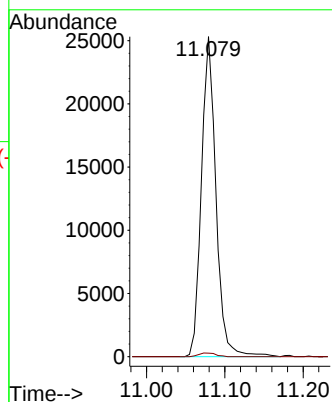
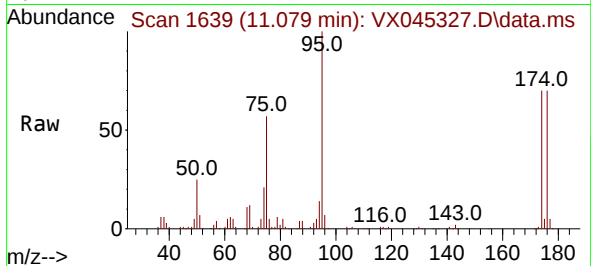




#76
1,2,3-Trichloropropane
Concen: 27.527 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-11-20250312

Tgt Ion: 75 Resp: 32671
Ion Ratio Lower Upper
75 100
77 1.4 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.203 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045327.D
Acq: 18 Mar 2025 16:01

Tgt Ion: 75 Resp: 32671
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

