

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045326.D
 Acq On : 18 Mar 2025 15:38
 Operator : JC/MD
 Sample : Q1557-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-10-20250312

Quant Time: Mar 19 01:45:59 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)

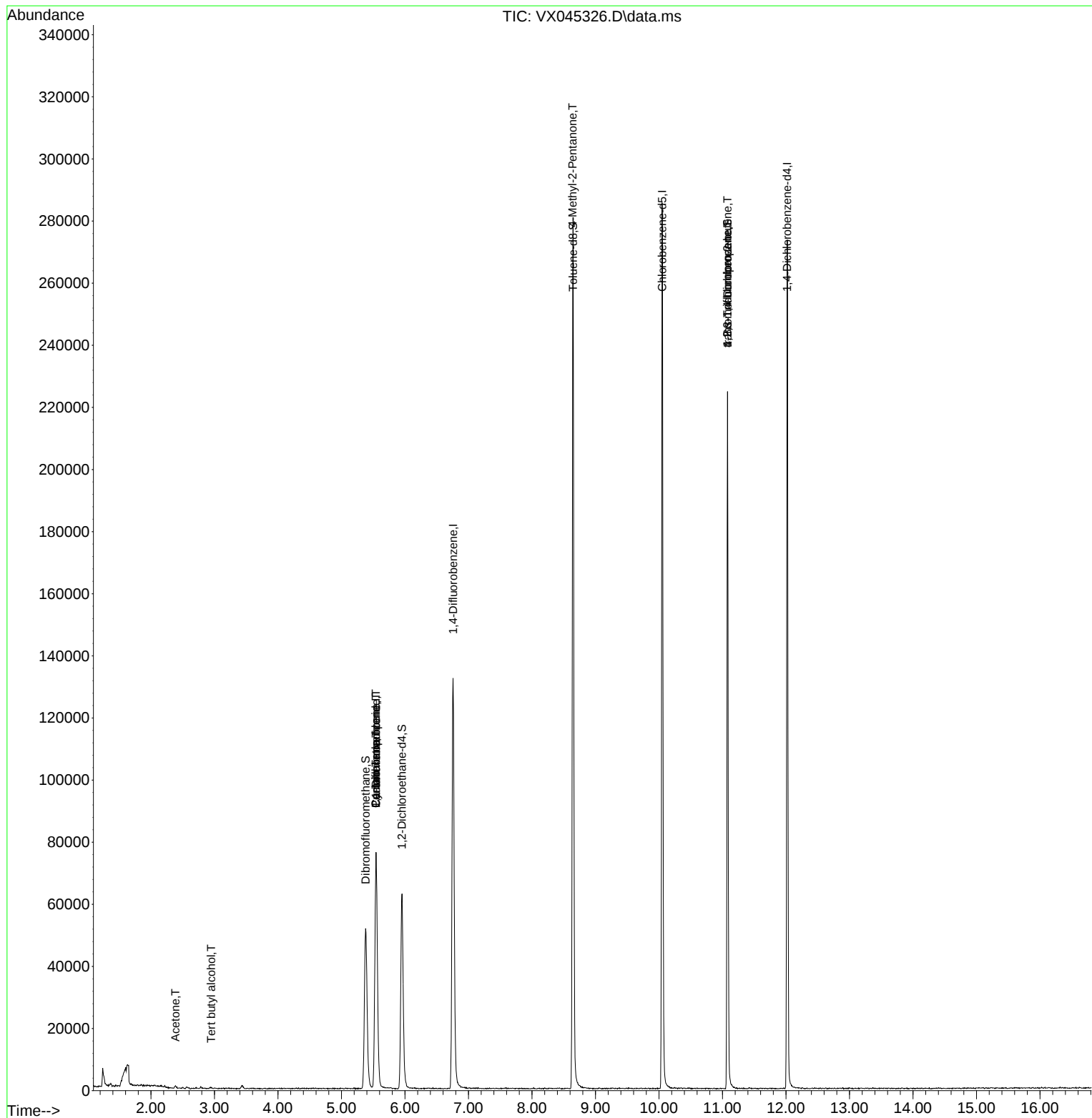
Internal Standards						
1) Pentafluorobenzene	5.544	168	66603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59965	56.602	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.200%	
35) Dibromofluoromethane	5.379	113	45186	51.475	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.960%	
50) Toluene-d8	8.647	98	164385	51.654	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	11.079	95	56655	53.724	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	45	0.224	ug/l #	73
16) Acetone	2.386	43	787	1.601	ug/l	93
31) Cyclohexane	5.544	56	1873	1.299	ug/l #	42
36) 1,1-Dichloropropene	5.544	75	6166	5.122	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7558	6.184	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	913	0.593	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32767	27.090	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32767	92.707	ug/l #	6

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

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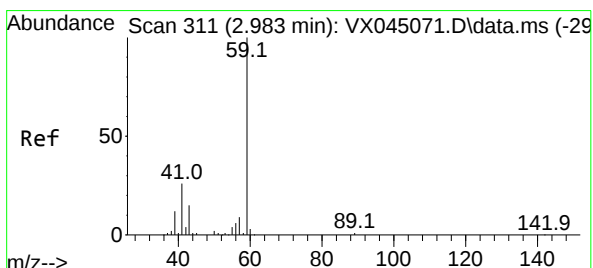
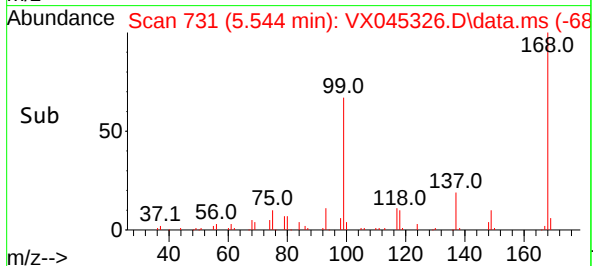
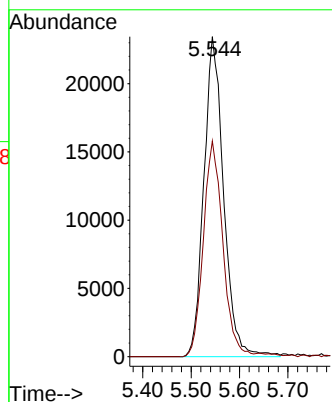
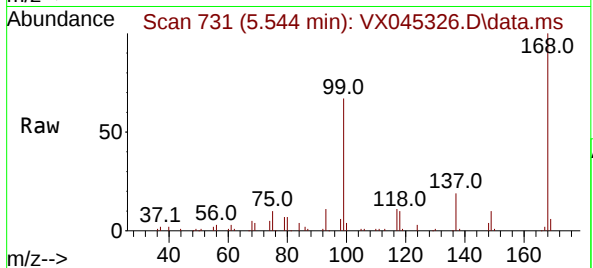




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

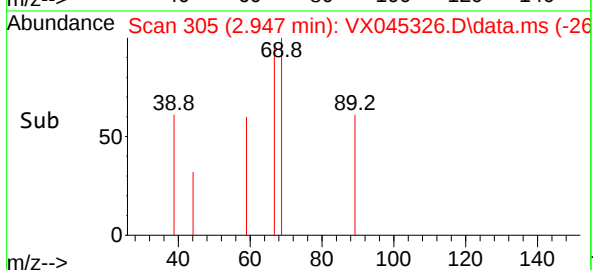
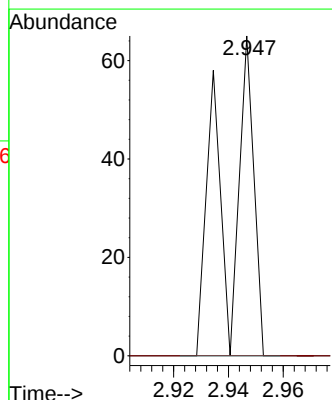
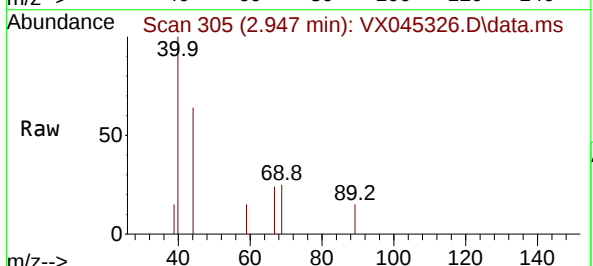
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250312

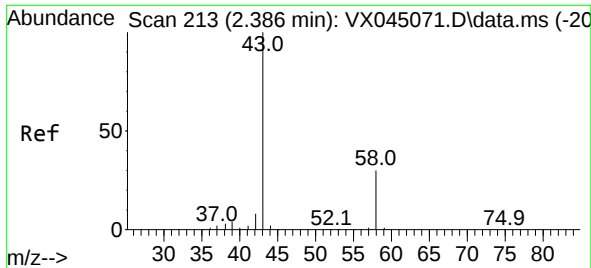
Tgt Ion:168 Resp: 66603
Ion Ratio Lower Upper
168 100
99 67.4 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.224 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Tgt Ion: 59 Resp: 45
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

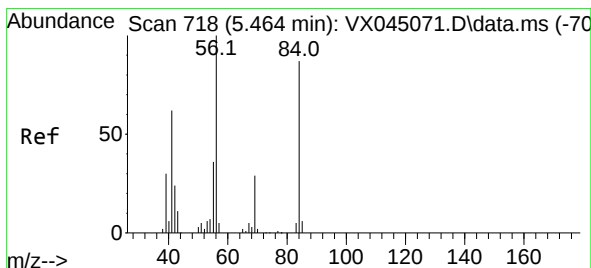
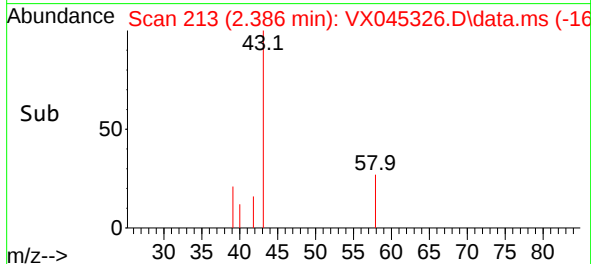
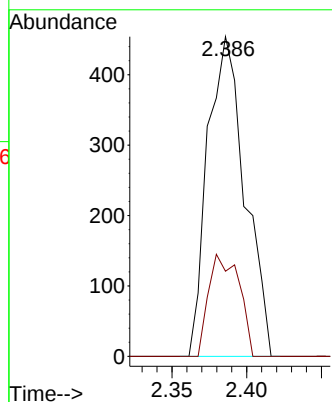
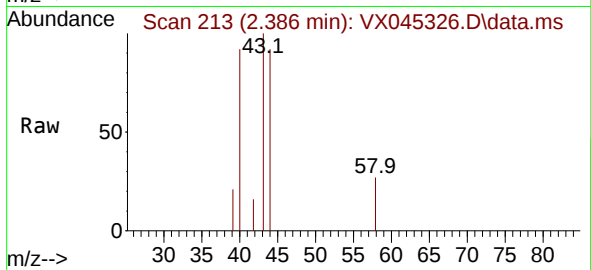




#16
Acetone
Concen: 1.601 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

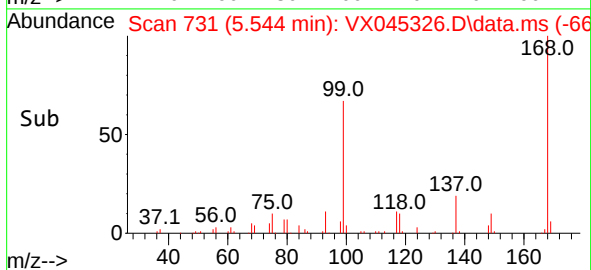
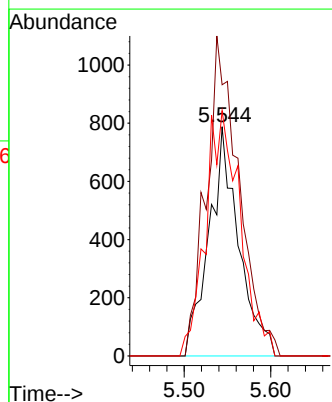
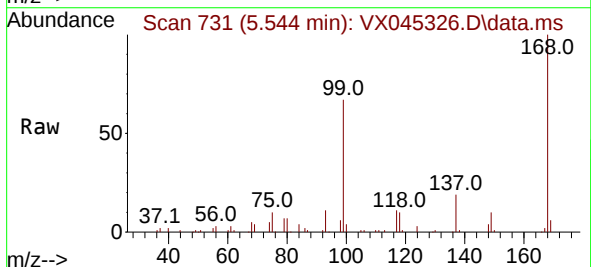
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250312

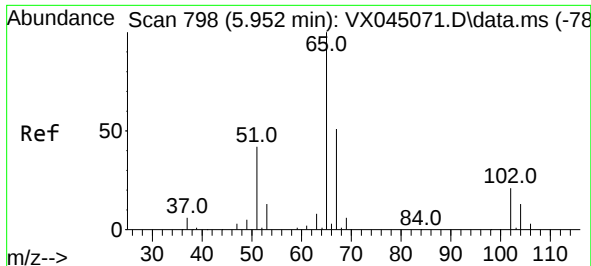
Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
58 26.7 24.2 36.4



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Tgt Ion: 56 Resp: 1873
Ion Ratio Lower Upper
56 100
69 118.3 23.4 35.2#
84 107.0 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 56.602 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045326.D

Acq: 18 Mar 2025 15:38

Instrument :

MSVOA_X

ClientSampleId :

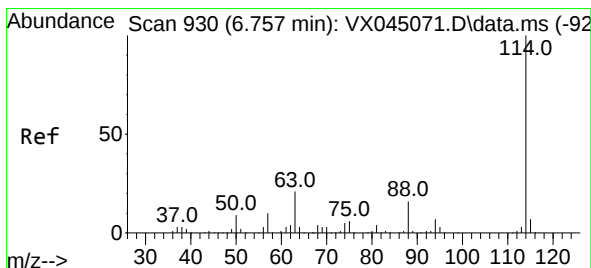
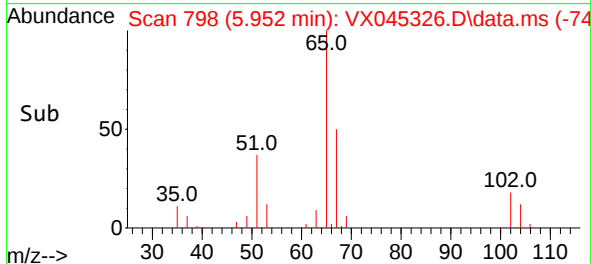
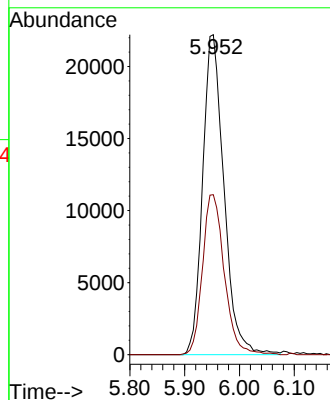
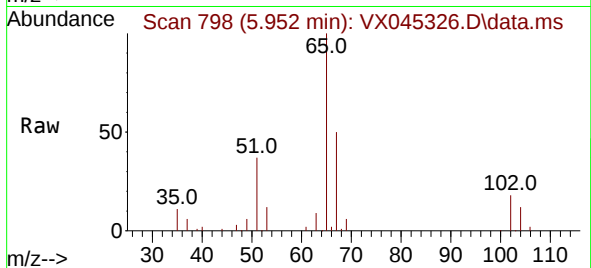
BPOW6-10-20250312

Tgt Ion: 65 Resp: 59965

Ion Ratio Lower Upper

65 100

67 51.2 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: VX045326.D

Acq: 18 Mar 2025 15:38

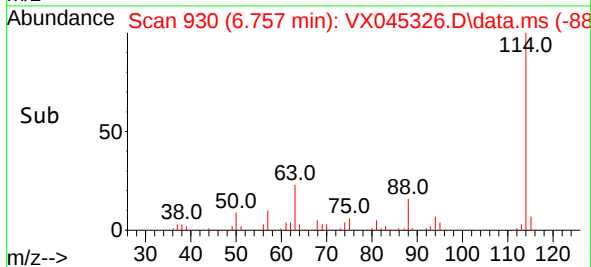
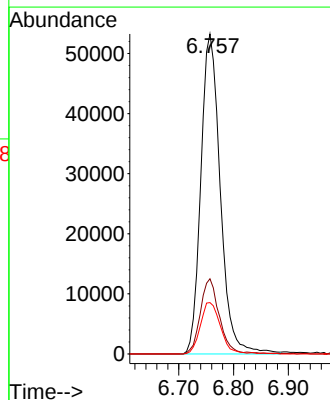
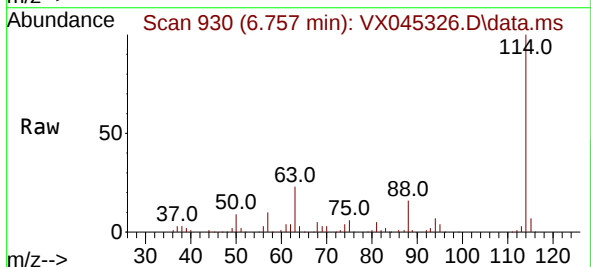
Tgt Ion: 114 Resp: 131278

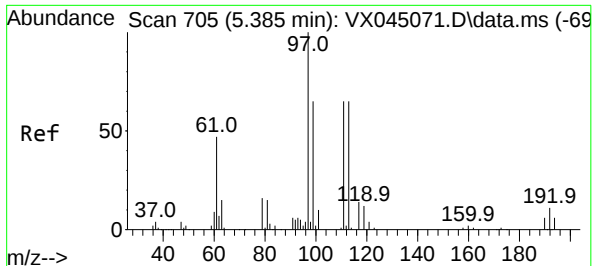
Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.8

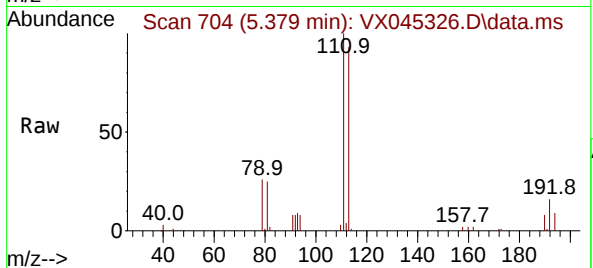
88 16.0 0.0 32.8



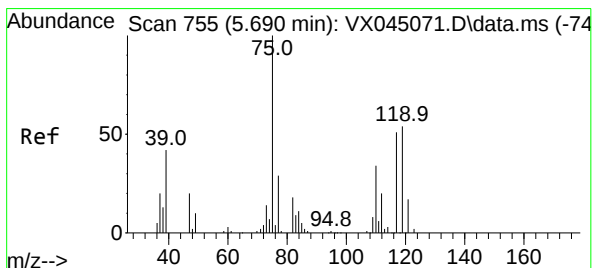
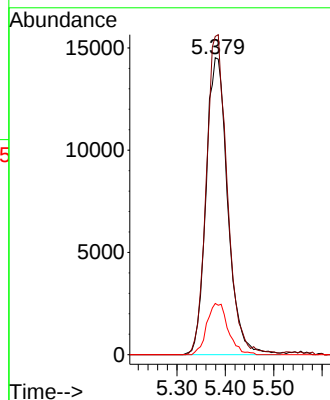
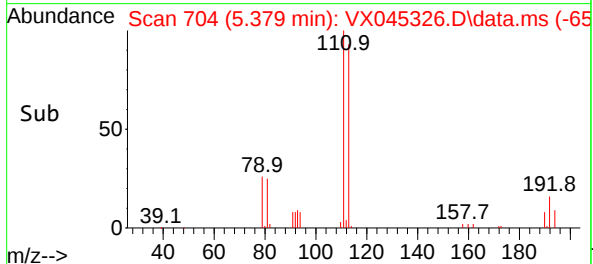


#35
Dibromofluoromethane
Concen: 51.475 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

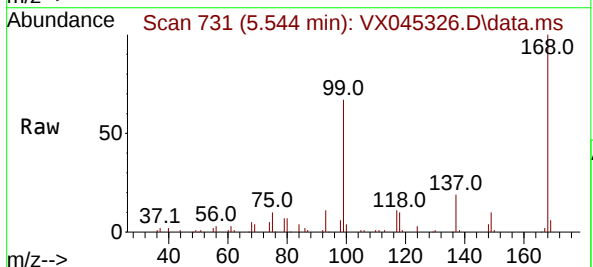
Instrument :
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BPOW6-10-20250312



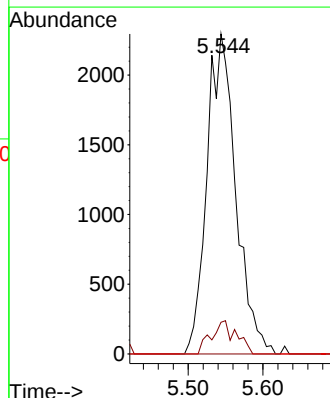
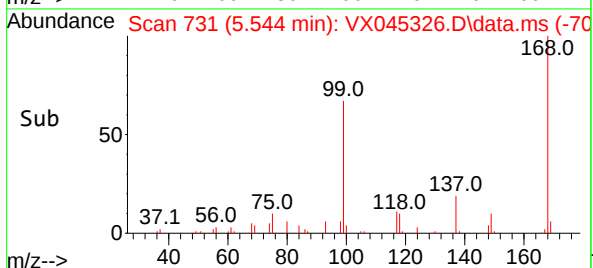
Tgt Ion:113 Resp: 45186
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.6
192 17.0 14.3 21.5

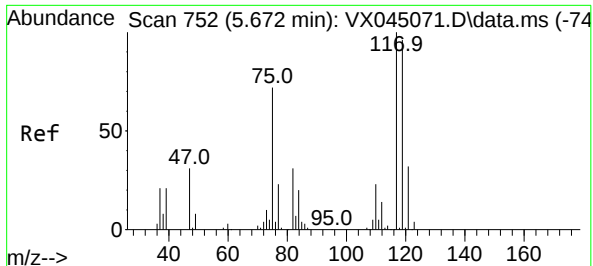


#36
1,1-Dichloropropene
Concen: 5.122 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38



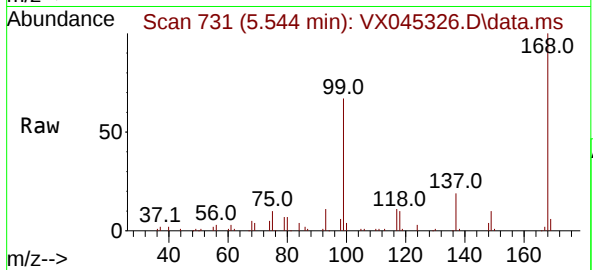
Tgt Ion: 75 Resp: 6166
Ion Ratio Lower Upper
75 100
110 9.0 16.9 50.6#
77 0.0 24.5 36.7#



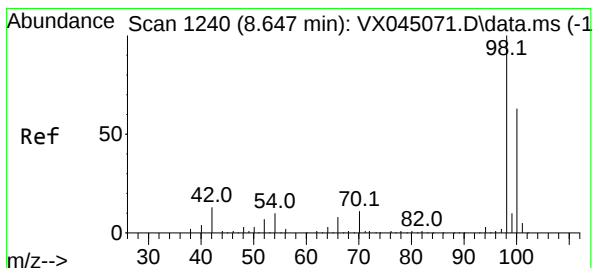
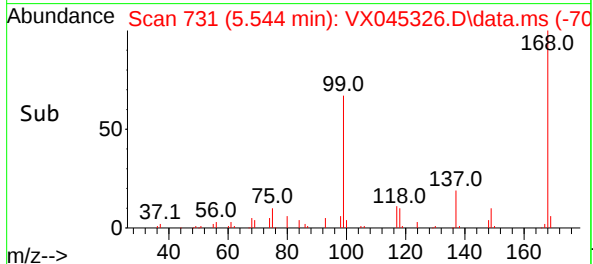
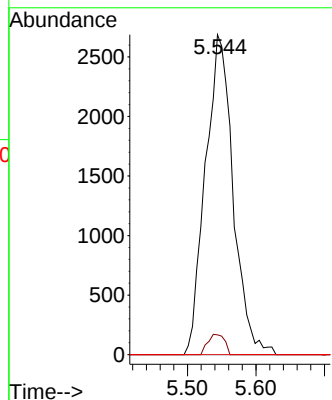


#38
Carbon Tetrachloride
Concen: 6.184 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250312

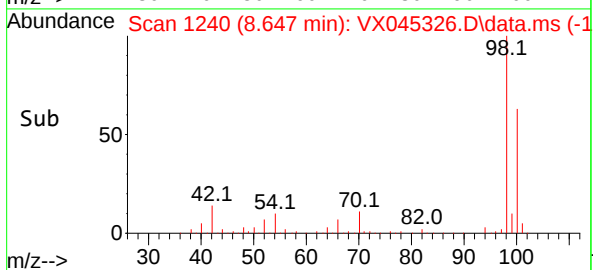
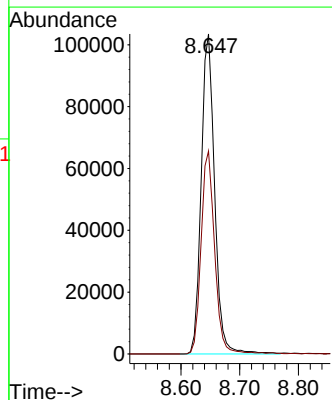
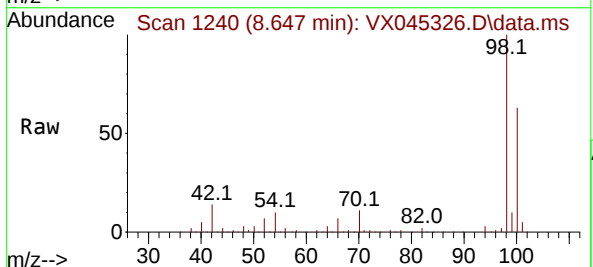


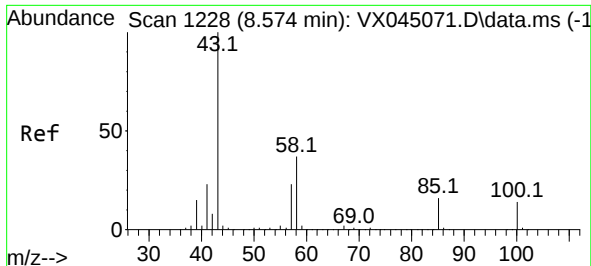
Tgt Ion:117 Resp: 7558
Ion Ratio Lower Upper
117 100
119 6.2 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.654 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Tgt Ion: 98 Resp: 164385
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

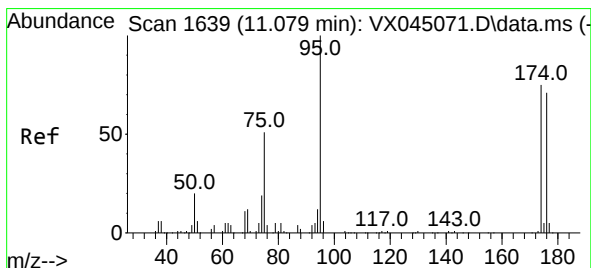
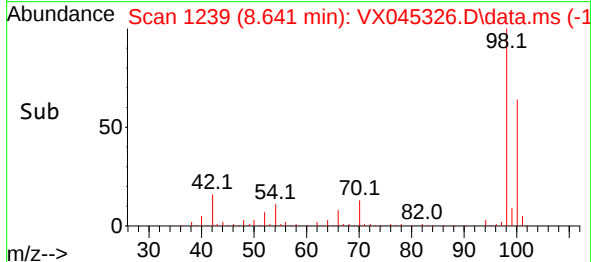
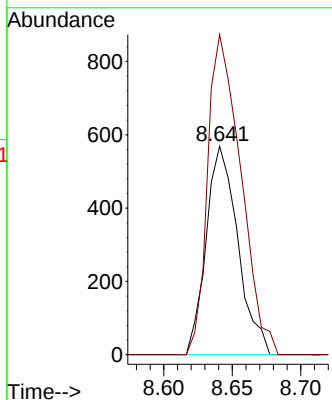
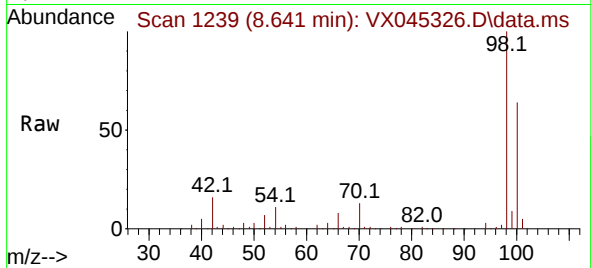




#51
 4-Methyl-2-Pentanone
 Concen: 0.593 ug/l
 RT: 8.641 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX045326.D
 Acq: 18 Mar 2025 15:38

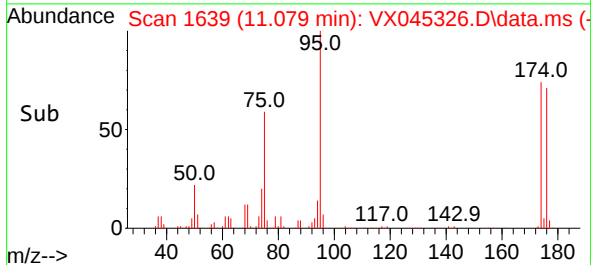
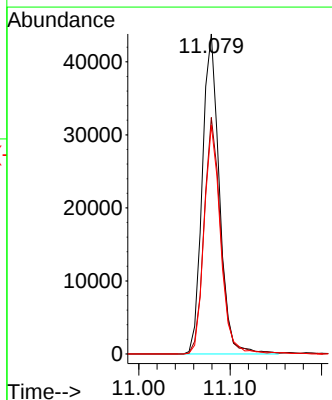
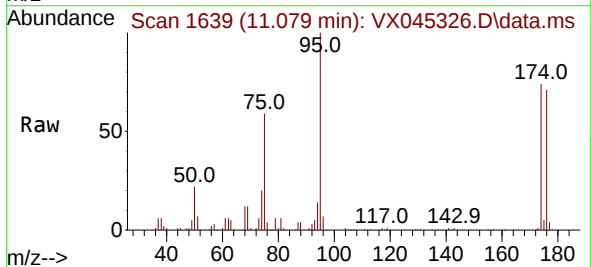
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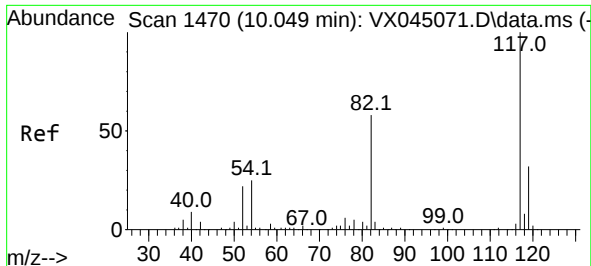
Tgt Ion: 43 Resp: 913
 Ion Ratio Lower Upper
 43 100
 58 161.0 29.2 43.8#



#62
 4-Bromofluorobenzene
 Concen: 53.724 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX045326.D
 Acq: 18 Mar 2025 15:38

Tgt Ion: 95 Resp: 56655
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 148.2
 176 68.8 0.0 141.4

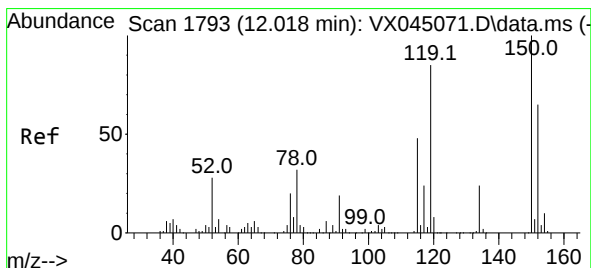
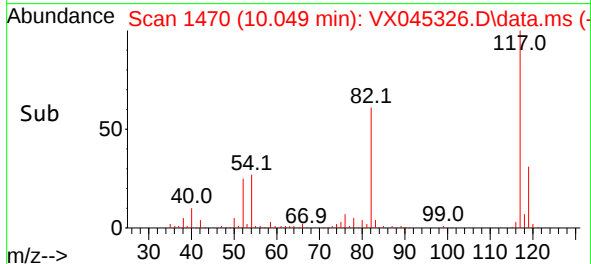
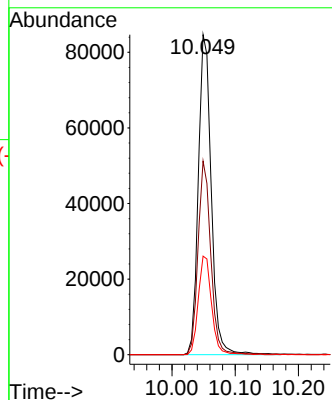
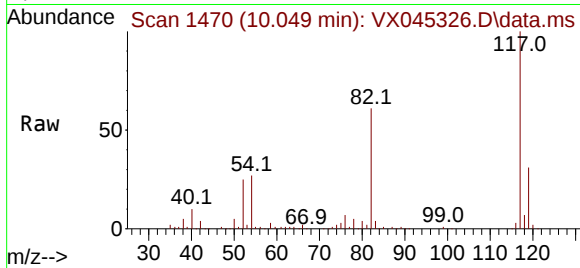




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

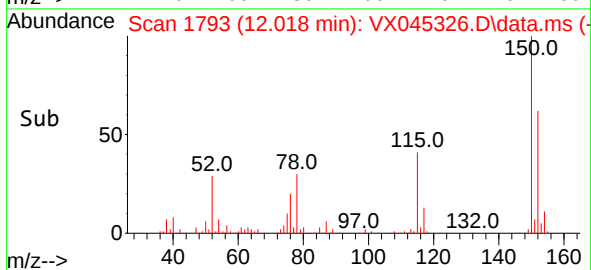
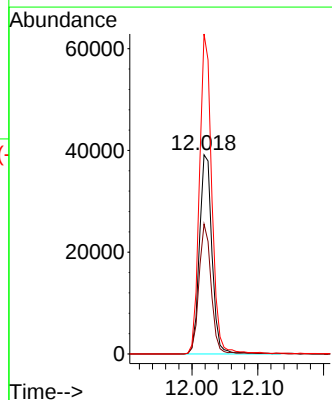
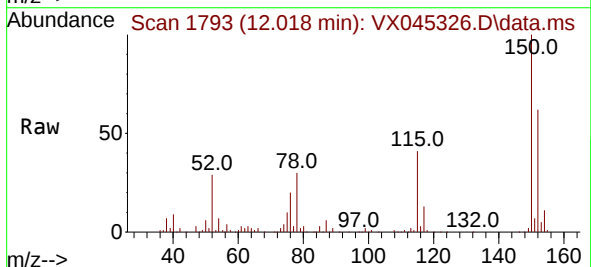
Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250312

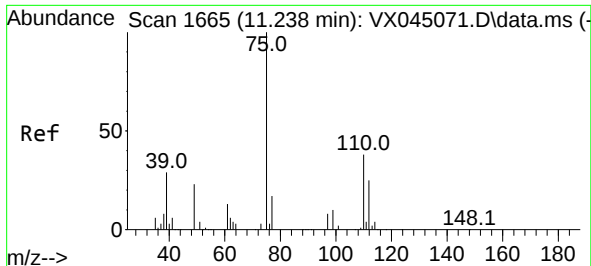
Tgt Ion:117 Resp: 120528
Ion Ratio Lower Upper
117 100
82 60.5 46.3 69.5
119 30.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Tgt Ion:152 Resp: 51968
Ion Ratio Lower Upper
152 100
115 63.4 44.2 132.6
150 157.6 0.0 349.0

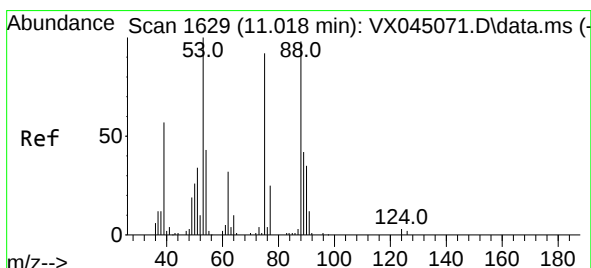
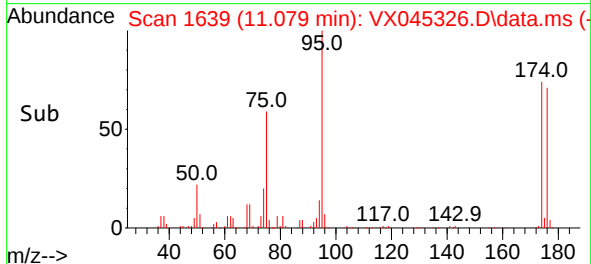
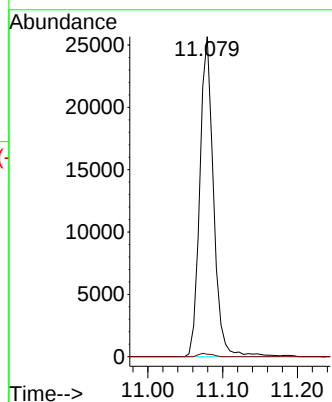
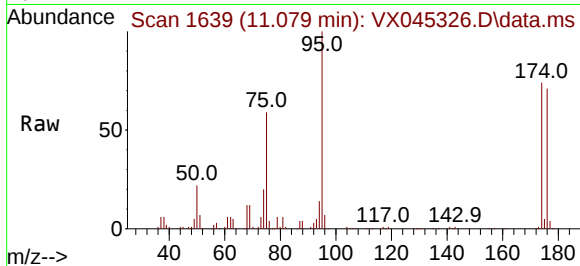




#76
1,2,3-Trichloropropane
Concen: 27.090 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Instrument :
MSVOA_X
ClientSampleId :
BPOW6-10-20250312

Tgt Ion: 75 Resp: 32767
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045326.D
Acq: 18 Mar 2025 15:38

Tgt Ion: 75 Resp: 32767
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

