

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046085.D
 Acq On : 08 May 2025 12:55
 Operator : JC/MD
 Sample : Q1985-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-BW-20250507

Quant Time: May 09 01:56:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

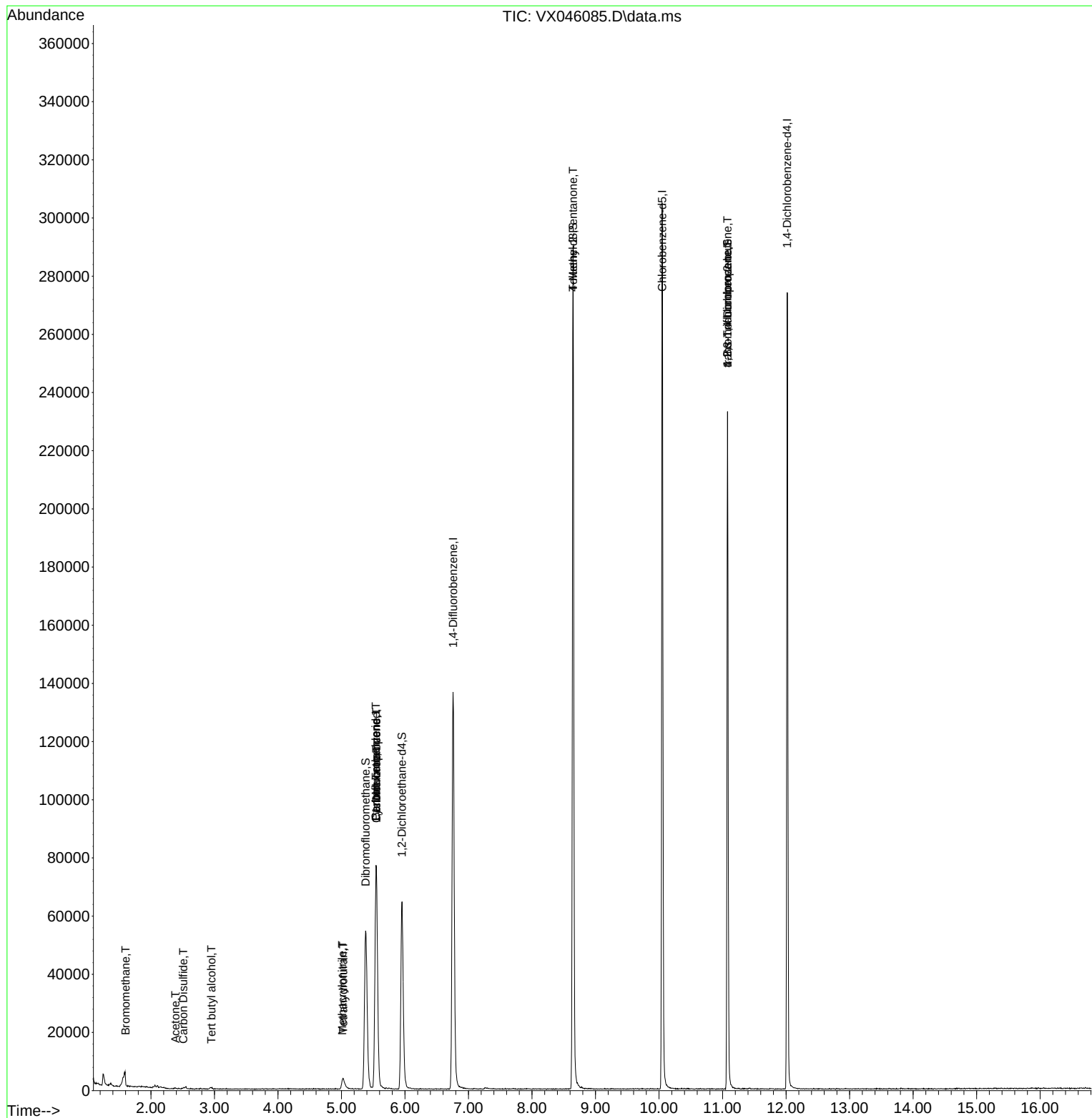
Internal Standards						
1) Pentafluorobenzene	5.544	168	65710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65644	53.585	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.160%			
35) Dibromofluoromethane	5.379	113	48204	51.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.120%			
50) Toluene-d8	8.647	98	161572	49.445	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.880%			
62) 4-Bromofluorobenzene	11.079	95	61840	49.336	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.680%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	95	0.226	ug/l #	4
11) Tert butyl alcohol	2.953	59	249	1.448	ug/l #	72
16) Acetone	2.386	43	424	0.863	ug/l	96
17) Carbon Disulfide	2.508	76	476	0.258	ug/l #	76
29) Tetrahydrofuran	5.026	42	3978	8.902	ug/l	98
31) Cyclohexane	5.550	56	1782	1.221	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	6607	5.208	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7877	5.527	ug/l #	16
41) Methacrylonitrile	5.013	41	2294	2.798	ug/l #	54
51) 4-Methyl-2-Pentanone	8.647	43	947	0.597	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35411	29.265	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35411	95.277	ug/l #	1

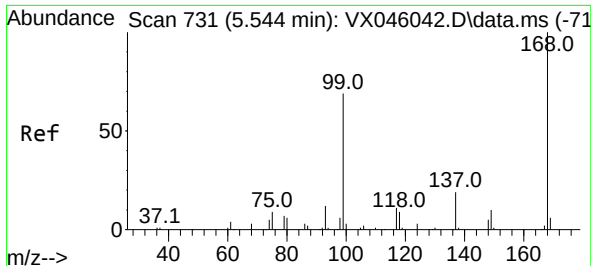
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
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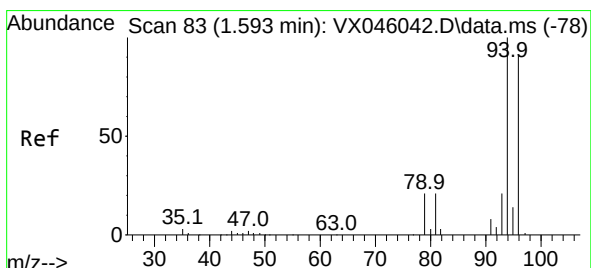
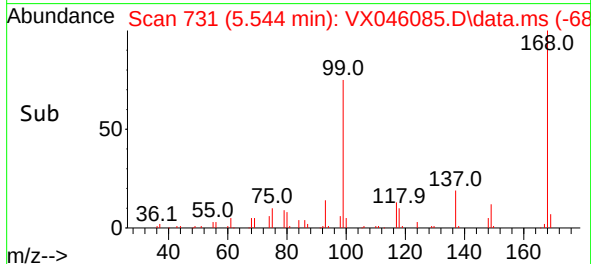
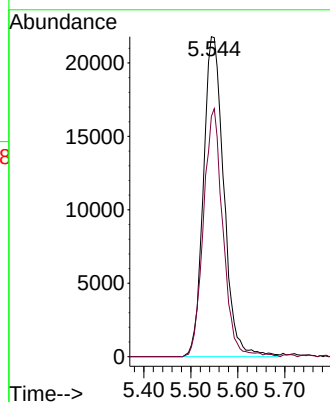
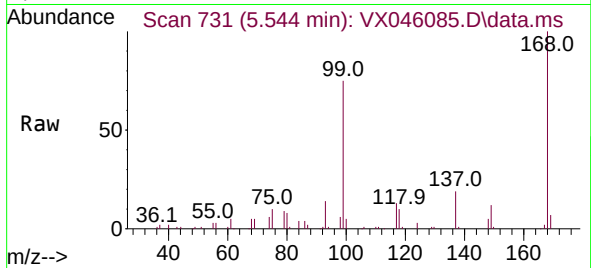




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

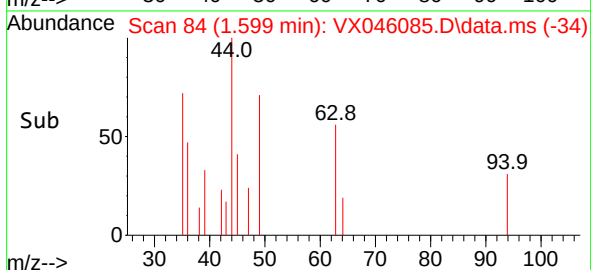
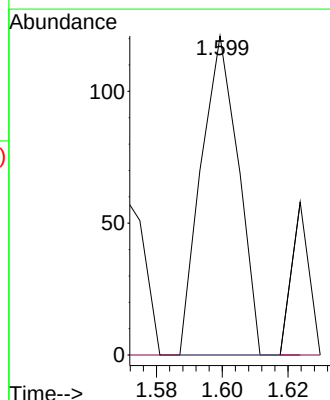
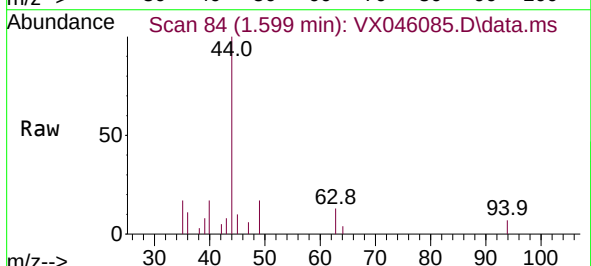
Instrument :
MSVOA_X
ClientSampleId :
RW8-BW-20250507

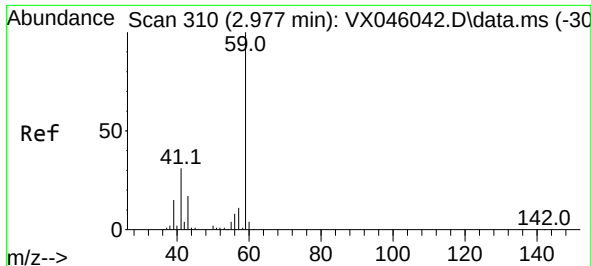
Tgt Ion:168 Resp: 65710
Ion Ratio Lower Upper
168 100
99 75.2 54.9 82.3



#5
Bromomethane
Concen: 0.226 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Tgt Ion: 94 Resp: 95
Ion Ratio Lower Upper
94 100
96 0.0 72.8 109.2#





#11

Tert butyl alcohol

Concen: 1.448 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.024 min

Lab File: VX046085.D

Acq: 08 May 2025 12:55

Instrument :

MSVOA_X

ClientSampleId :

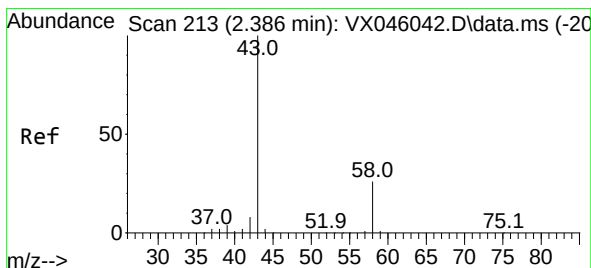
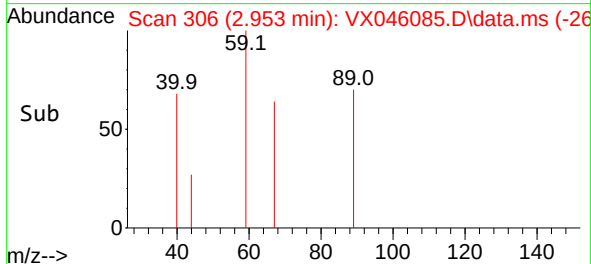
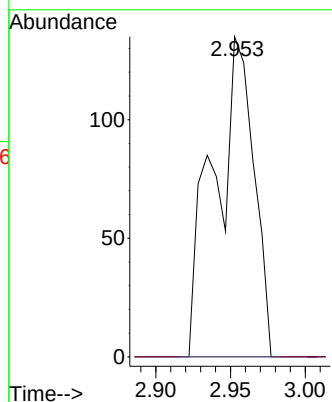
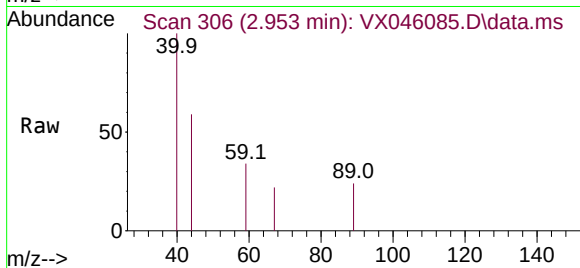
RW8-BW-20250507

Tgt Ion: 59 Resp: 249

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 0.863 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX046085.D

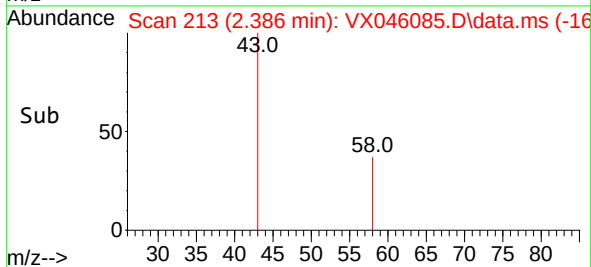
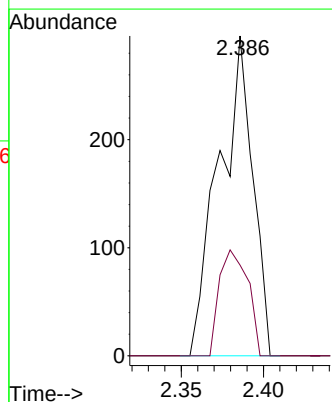
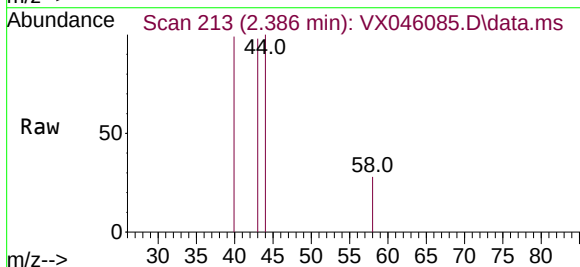
Acq: 08 May 2025 12:55

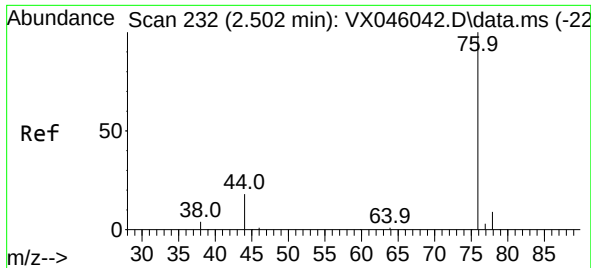
Tgt Ion: 43 Resp: 424

Ion Ratio Lower Upper

43 100

58 28.4 21.2 31.8

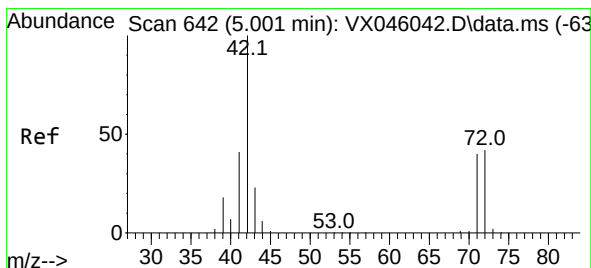
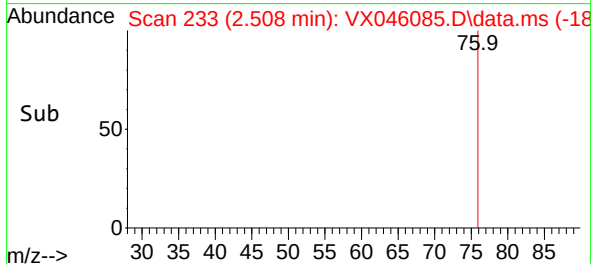
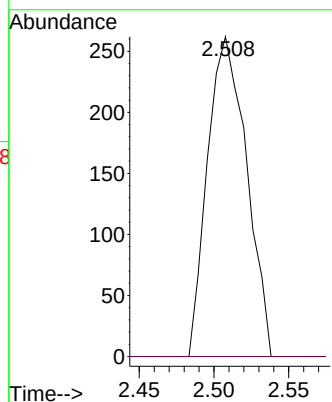
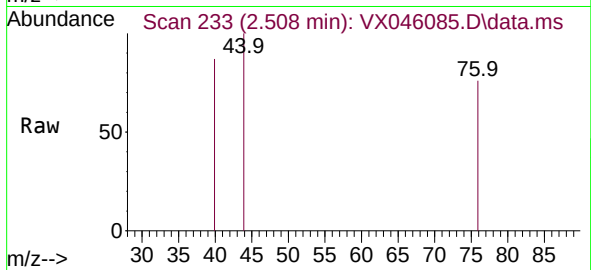




#17
Carbon Disulfide
Concen: 0.258 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

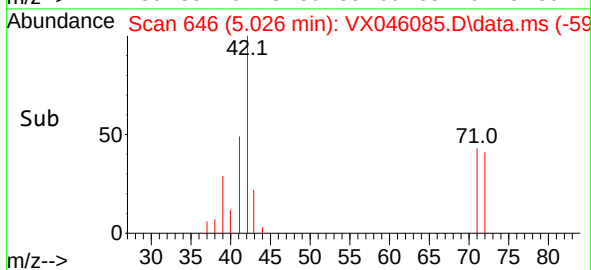
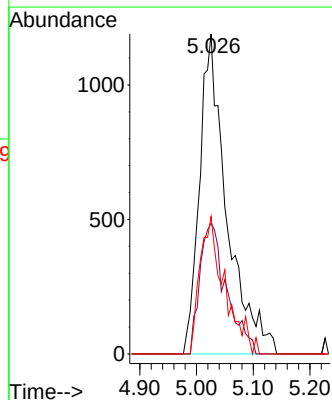
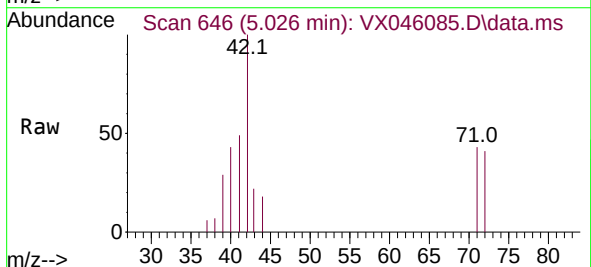
Instrument :
MSVOA_X
ClientSampleId :
RW8-BW-20250507

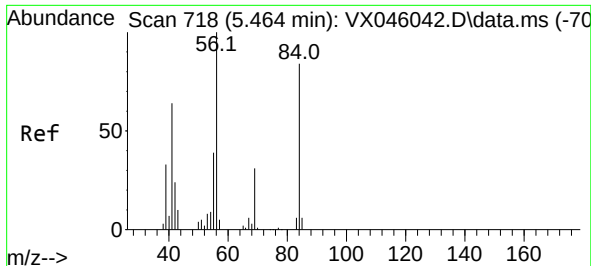
Tgt Ion: 76 Resp: 476
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#29
Tetrahydrofuran
Concen: 8.902 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.024 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Tgt Ion: 42 Resp: 3978
Ion Ratio Lower Upper
42 100
72 39.6 33.7 50.5
71 39.0 31.4 47.2

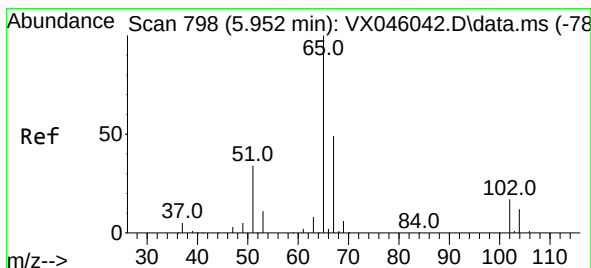
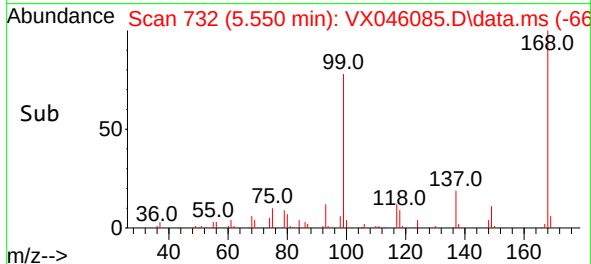
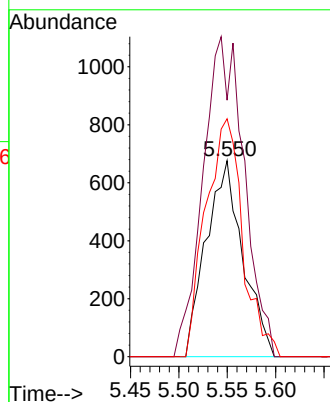
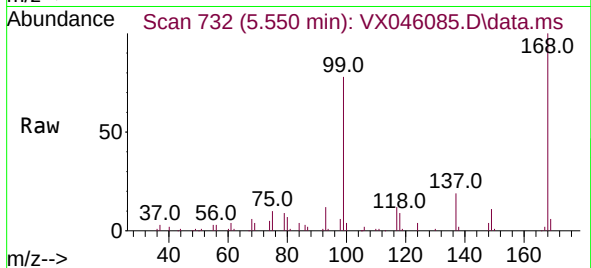




#31
Cyclohexane
Concen: 1.221 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

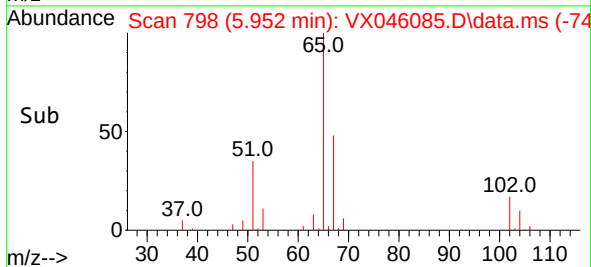
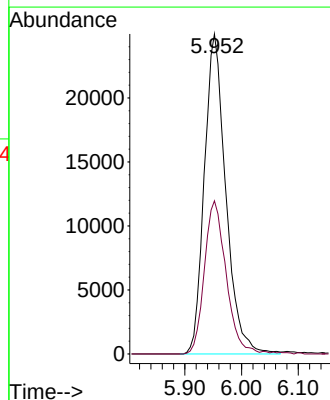
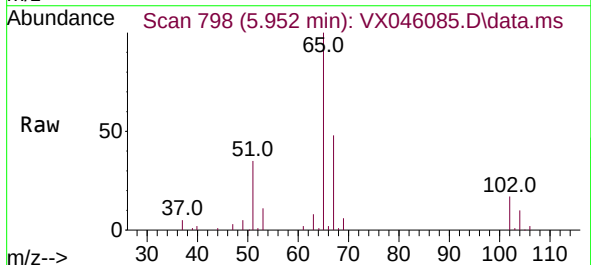
Instrument :
MSVOA_X
ClientSampleId :
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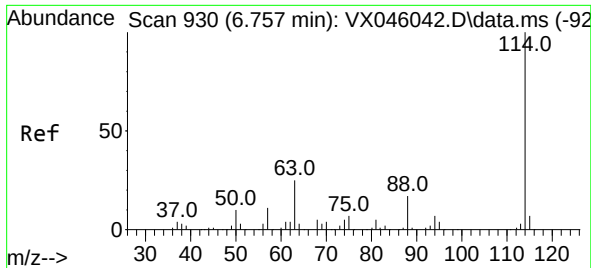
Tgt Ion: 56 Resp: 1782
Ion Ratio Lower Upper
56 100
69 130.9 24.4 36.6#
84 121.4 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 53.585 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Tgt Ion: 65 Resp: 65644
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

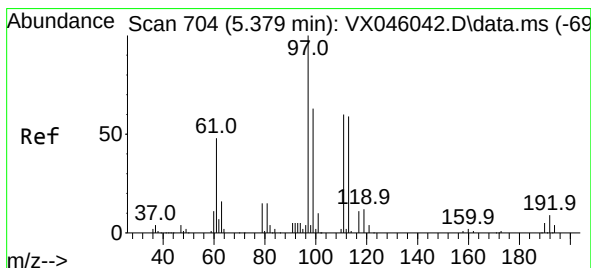
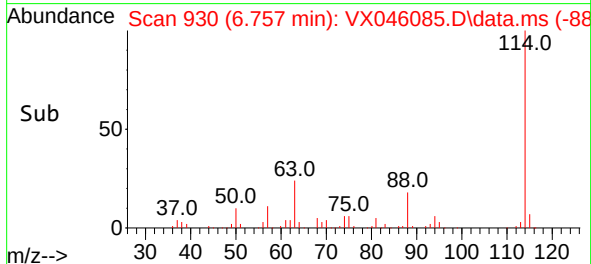
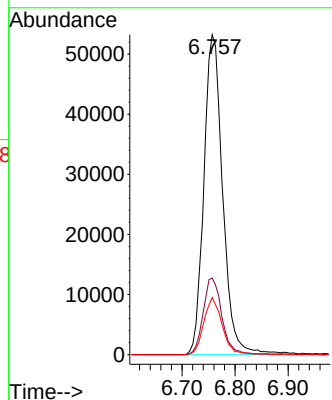
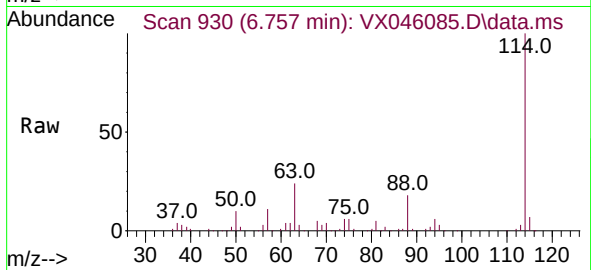




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

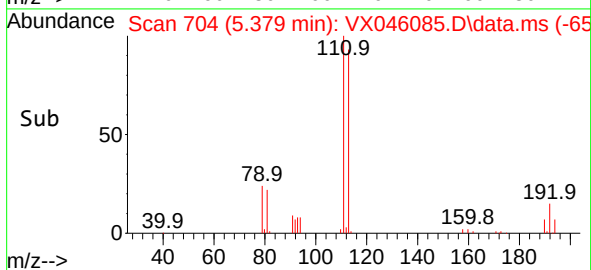
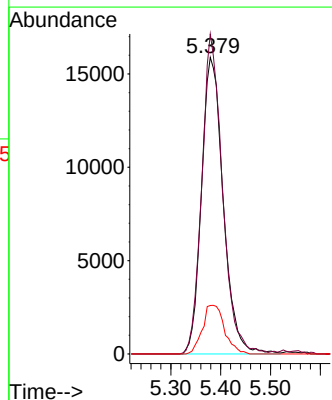
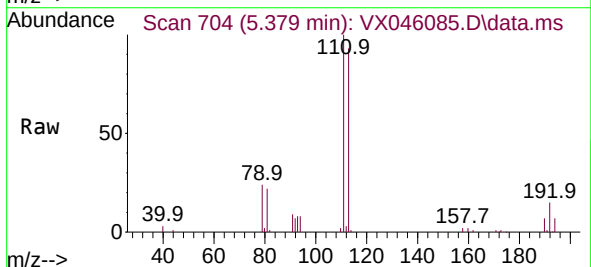
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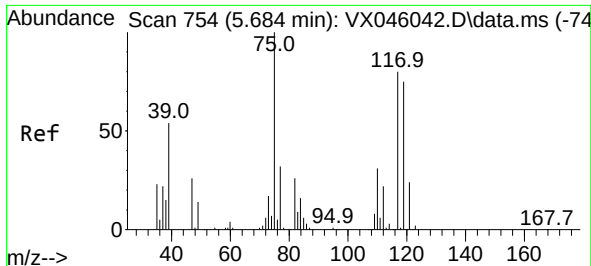
Tgt Ion:114 Resp: 131109
Ion Ratio Lower Upper
114 100
63 23.9 0.0 49.2
88 17.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.057 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Tgt Ion:113 Resp: 48204
Ion Ratio Lower Upper
113 100
111 102.2 83.1 124.7
192 16.6 13.3 19.9

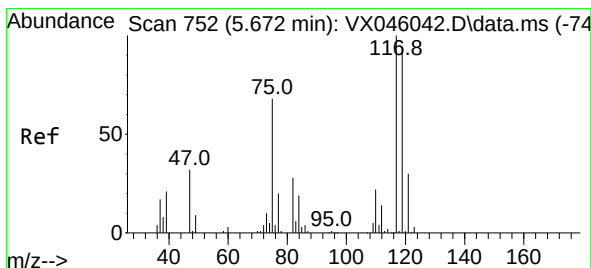
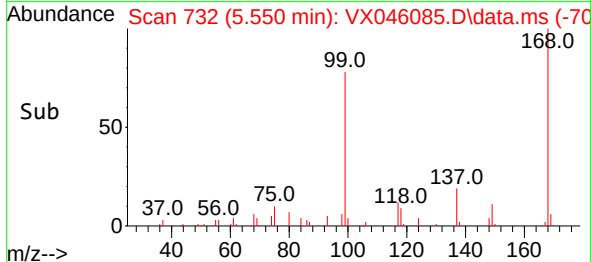
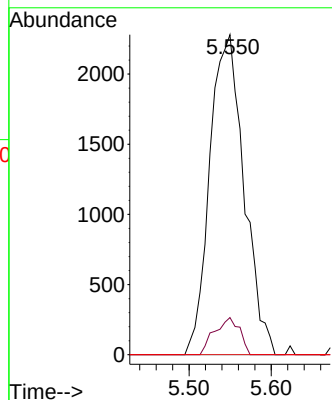
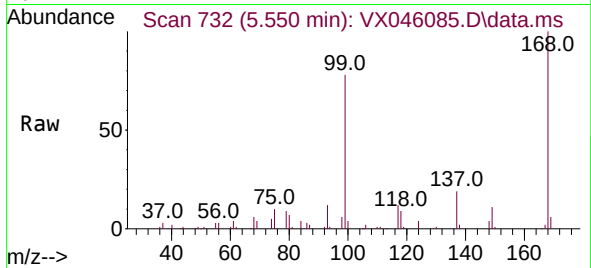




#36
1,1-Dichloropropene
Concen: 5.208 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

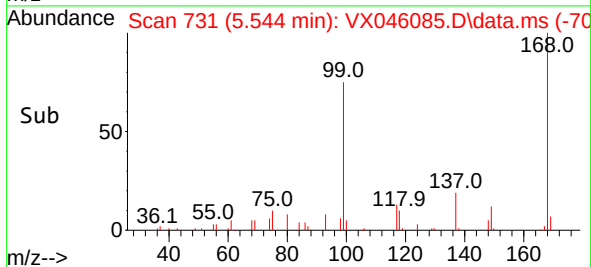
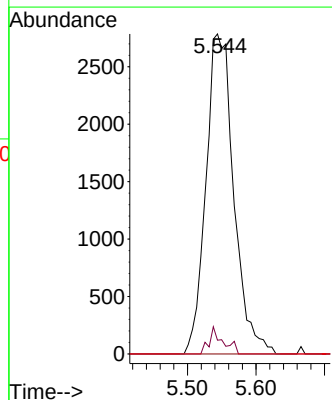
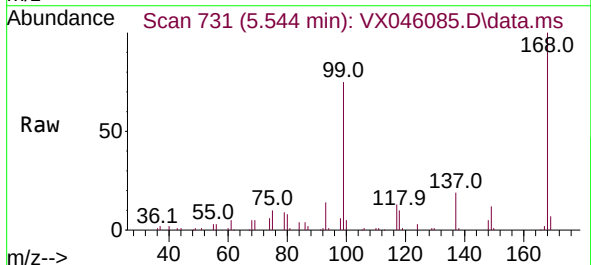
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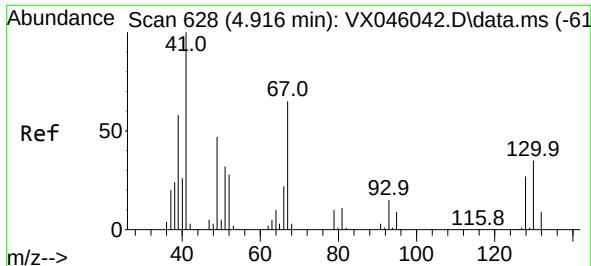
Tgt Ion: 75 Resp: 6607
Ion Ratio Lower Upper
75 100
110 8.5 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.527 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Tgt Ion: 117 Resp: 7877
Ion Ratio Lower Upper
117 100
119 4.3 75.2 112.8#
121 0.0 24.2 36.4#

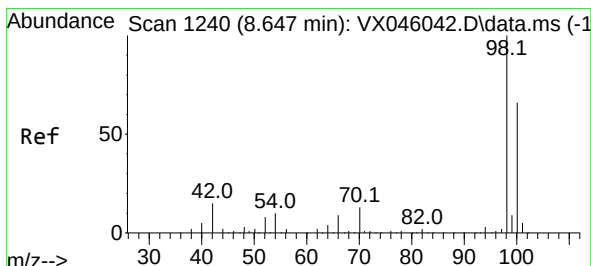
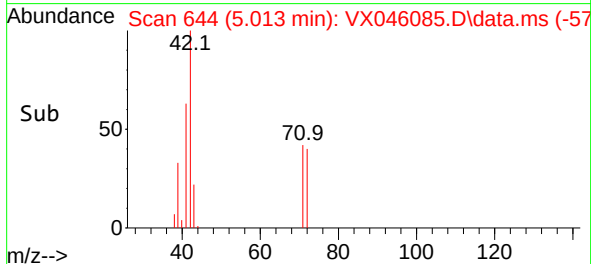
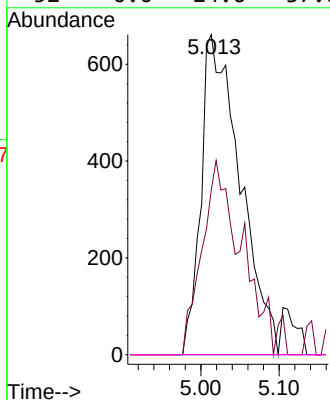
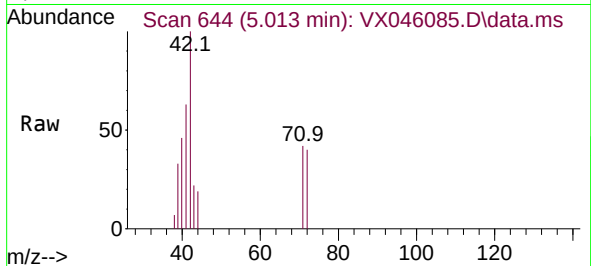




#41
Methacrylonitrile
Concen: 2.798 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.098 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

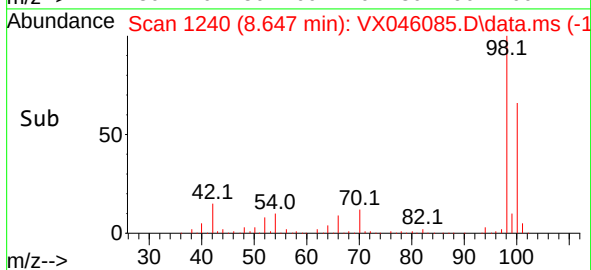
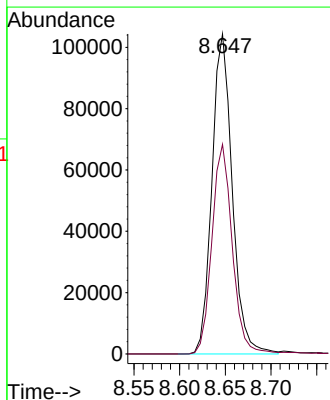
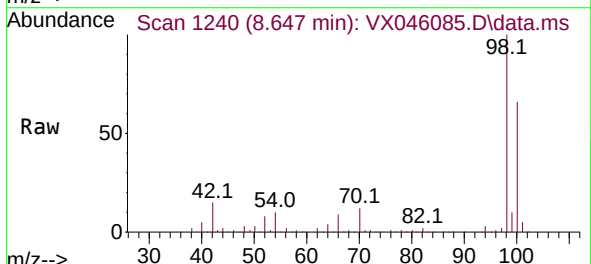
Instrument :
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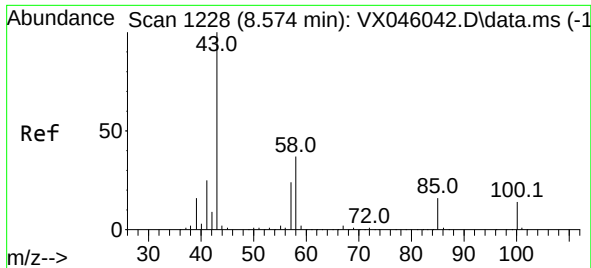
Tgt Ion: 41	Resp: 2294
Ion Ratio	Lower Upper
41 100	
39 60.8	47.2 70.8
67 0.0	50.7 76.1#
52 0.0	24.6 37.0#



#50
Toluene-d8
Concen: 49.445 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Tgt Ion: 98	Resp: 161572
Ion Ratio	Lower Upper
98 100	
100 66.1	53.5 80.3

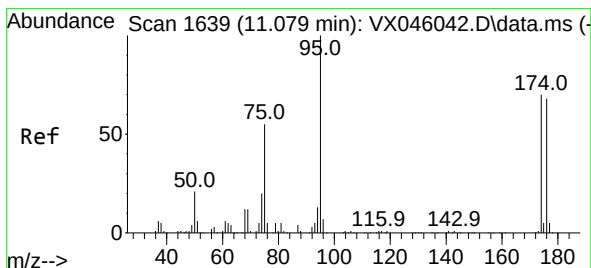
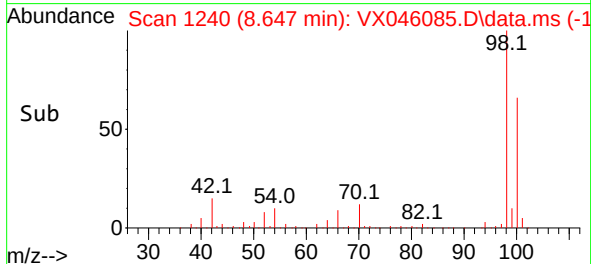
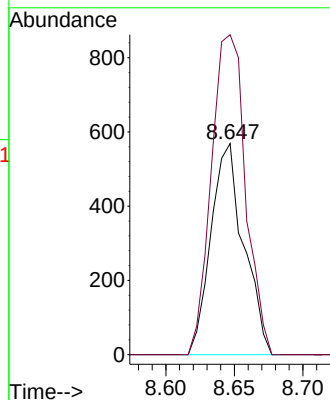
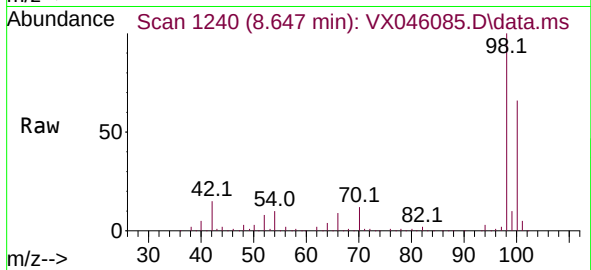




#51
4-Methyl-2-Pentanone
Concen: 0.597 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

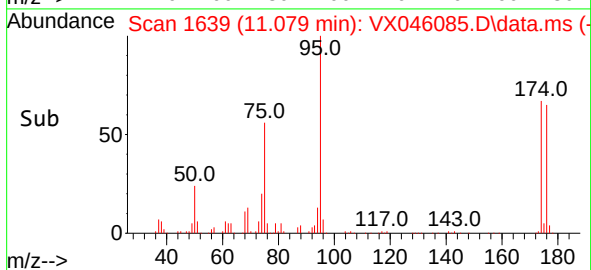
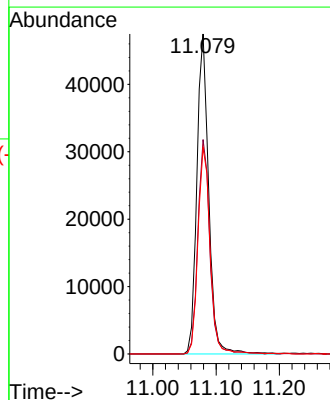
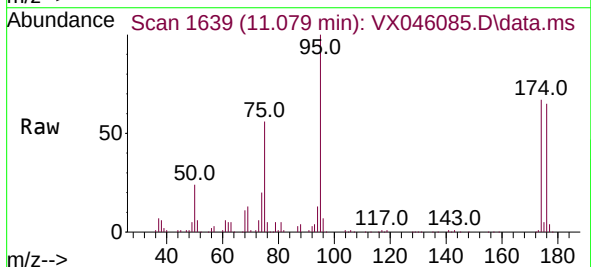
Instrument :
MSVOA_X
ClientSampleId :
RW8-BW-20250507

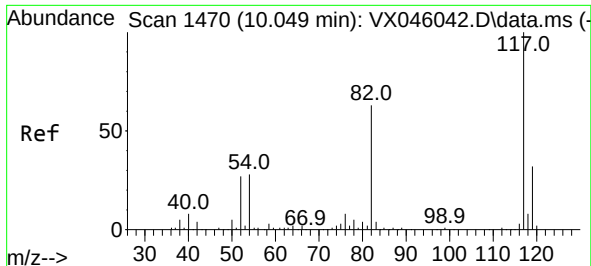
Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 158.5 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 49.336 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Tgt Ion: 95 Resp: 61840
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 66.4 0.0 131.4

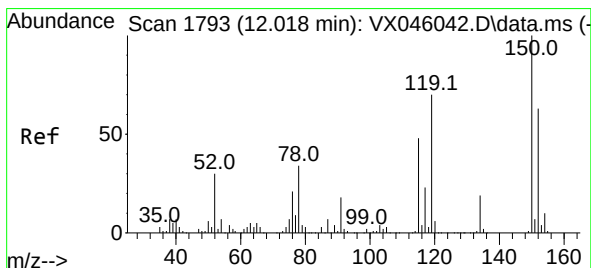
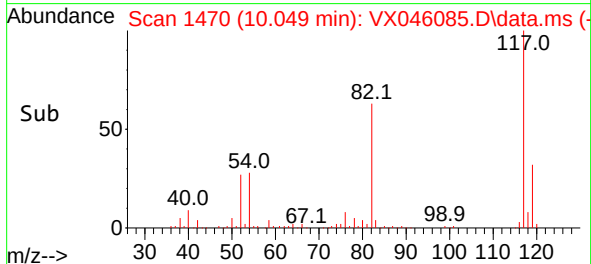
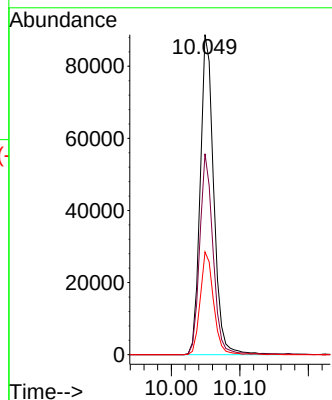
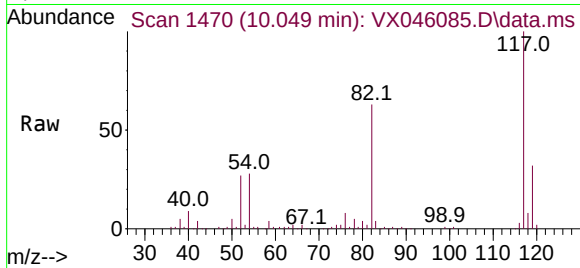




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

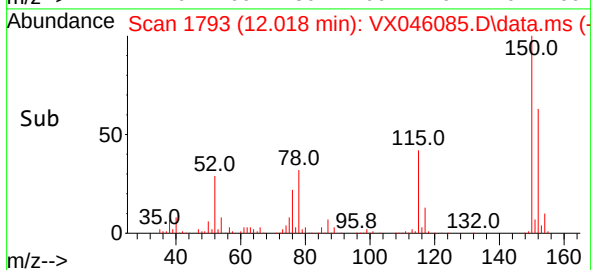
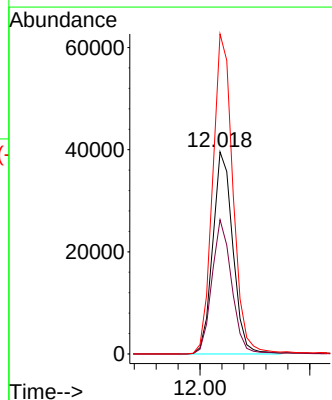
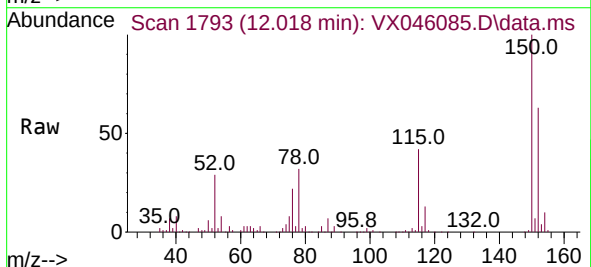
Instrument :
MSVOA_X
ClientSampleId :
RW8-BW-20250507

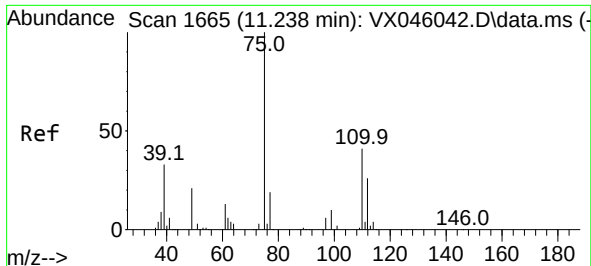
Tgt Ion:117 Resp: 121918
Ion Ratio Lower Upper
117 100
82 62.8 50.6 76.0
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Tgt Ion:152 Resp: 50270
Ion Ratio Lower Upper
152 100
115 65.8 46.9 140.7
150 161.0 0.0 351.0

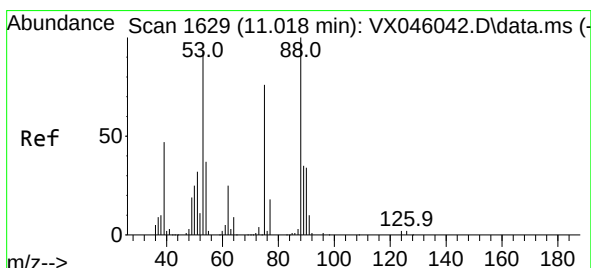
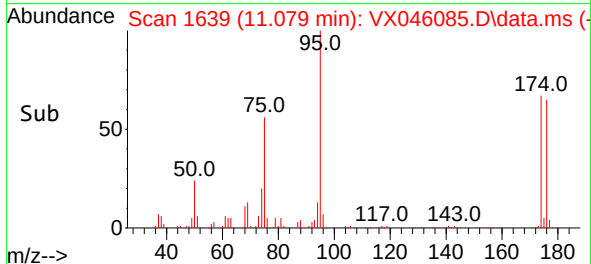
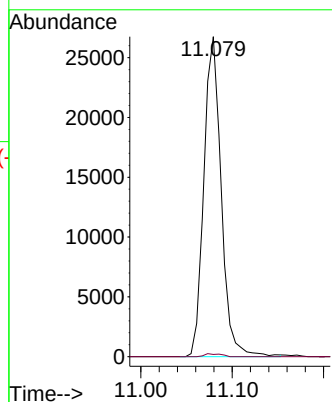
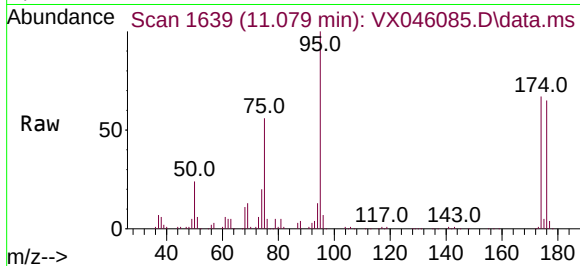




#76
1,2,3-Trichloropropane
Concen: 29.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Instrument :
MSVOA_X
ClientSampleId :
RW8-BW-20250507

Tgt Ion: 75 Resp: 35411
Ion Ratio Lower Upper
75 100
77 0.9 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.277 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046085.D
Acq: 08 May 2025 12:55

Tgt Ion: 75 Resp: 35411
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

