

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX046002.D
 Acq On : 30 Apr 2025 16:50
 Operator : JC/MD
 Sample : Q1906-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-7

Quant Time: May 01 03:38:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

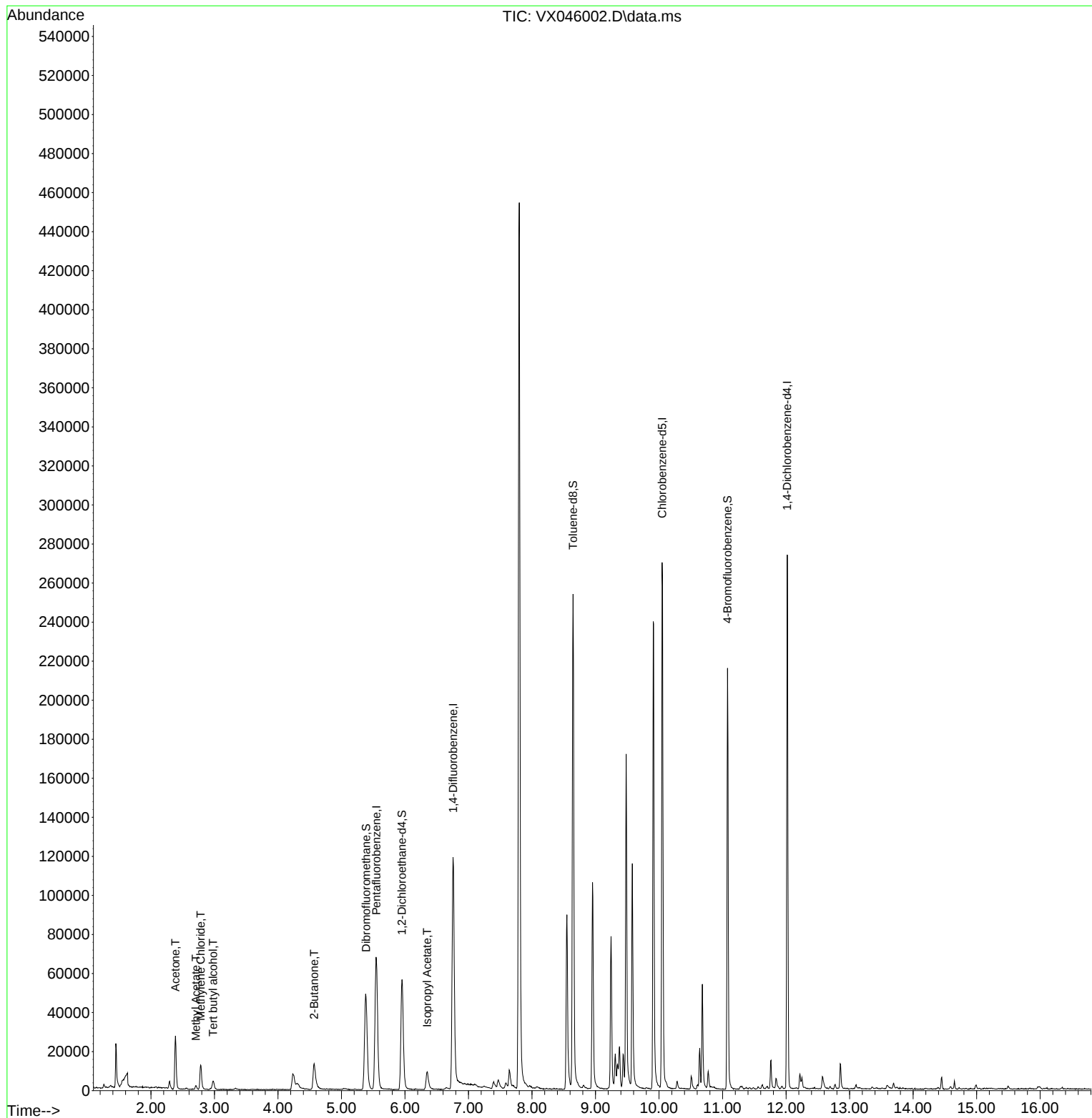
Internal Standards						
1) Pentafluorobenzene	5.550	168	58345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	114833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	111572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57981	54.341	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.680%	
35) Dibromofluoromethane	5.385	113	42106	51.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.360%	
50) Toluene-d8	8.647	98	147959	52.029	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.060%	
62) 4-Bromofluorobenzene	11.079	95	58253	56.237	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	4738	33.042	ug/l	99
16) Acetone	2.386	43	29063	66.334	ug/l	98
18) Methyl Acetate	2.709	43	2568	2.546	ug/l	94
20) Methylene Chloride	2.782	84	5706	6.957	ug/l	93
25) 2-Butanone	4.568	43	25713	40.093	ug/l	96
43) Isopropyl Acetate	6.348	43	13757	6.547	ug/l	97

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

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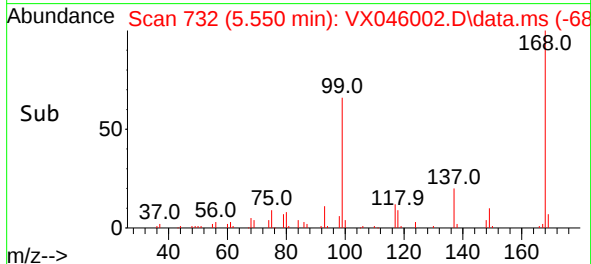
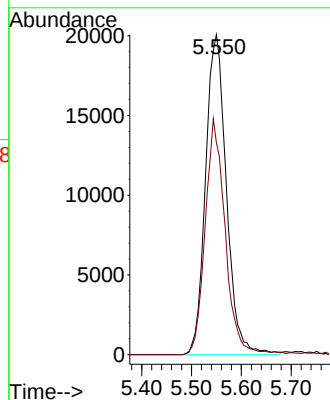
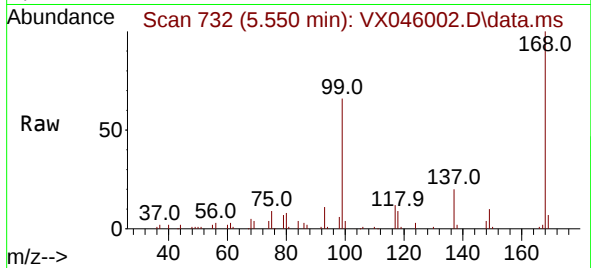




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046002.D
Acq: 30 Apr 2025 16:50

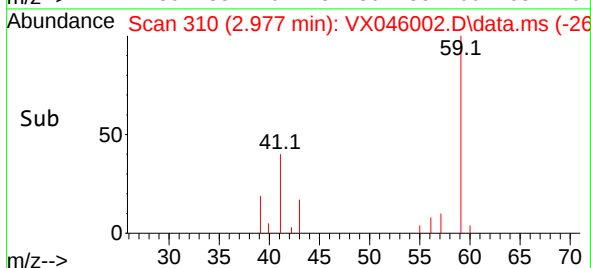
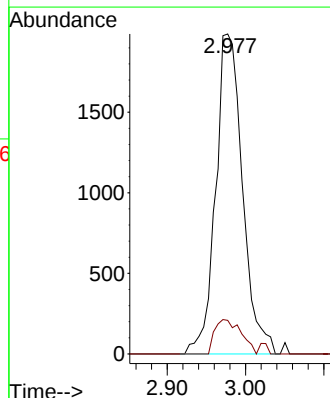
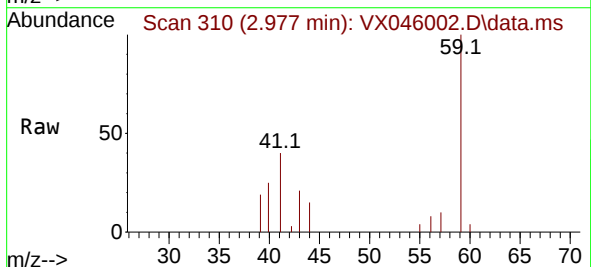
Instrument :
MSVOA_X
ClientSampleId :
WC-7

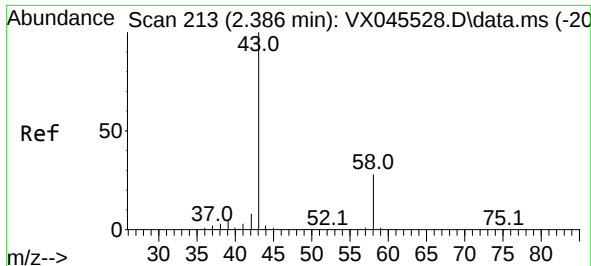
Tgt Ion:168 Resp: 58345
Ion Ratio Lower Upper
168 100
99 66.3 52.3 78.5



#11
Tert butyl alcohol
Concen: 33.042 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046002.D
Acq: 30 Apr 2025 16:50

Tgt Ion: 59 Resp: 4738
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

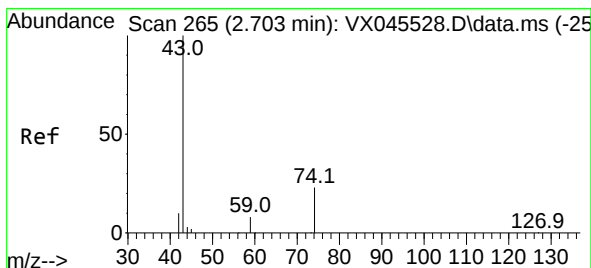
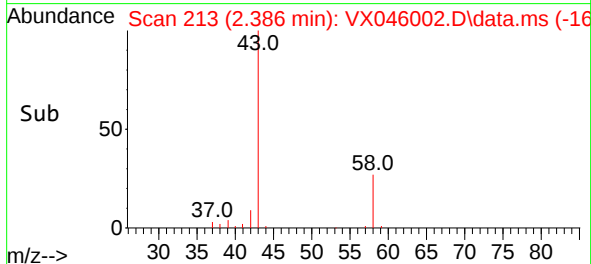
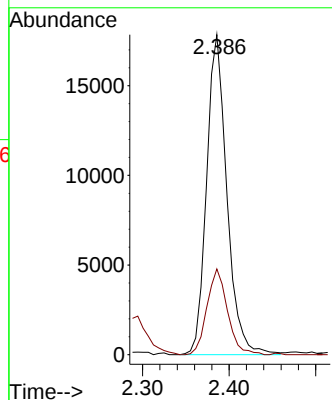
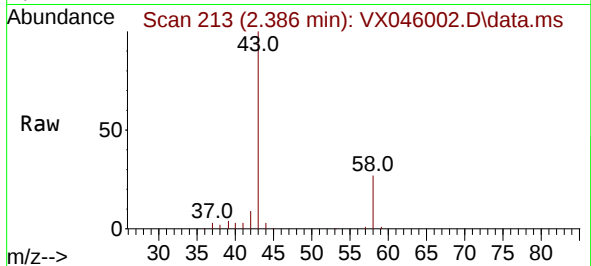




#16
Acetone
Concen: 66.334 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046002.D
Acq: 30 Apr 2025 16:50

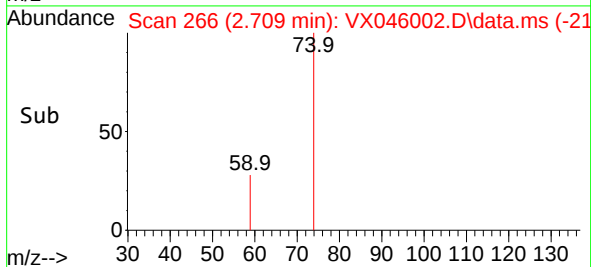
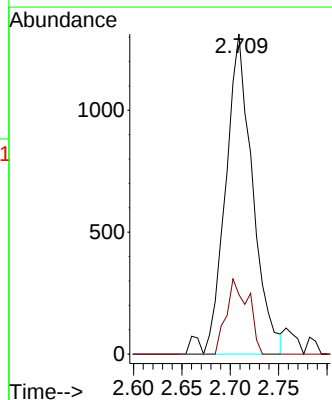
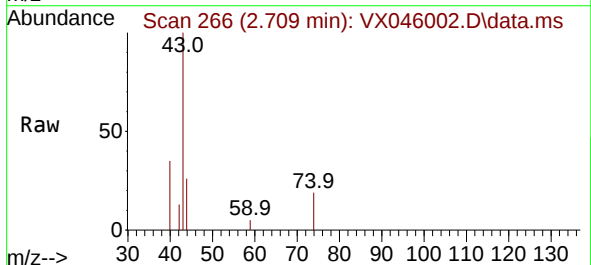
Instrument :
MSVOA_X
ClientSampleId :
WC-7

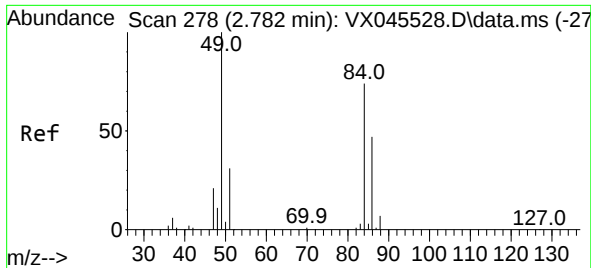
Tgt Ion: 43 Resp: 29063
Ion Ratio Lower Upper
43 100
58 26.8 22.3 33.5



#18
Methyl Acetate
Concen: 2.546 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046002.D
Acq: 30 Apr 2025 16:50

Tgt Ion: 43 Resp: 2568
Ion Ratio Lower Upper
43 100
74 19.0 17.5 26.3

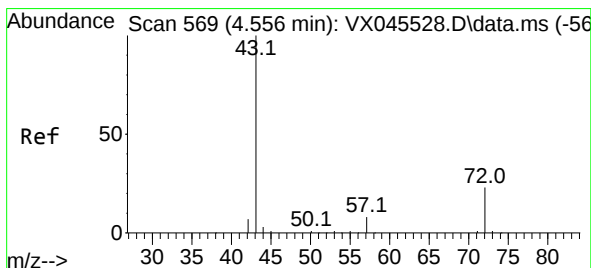
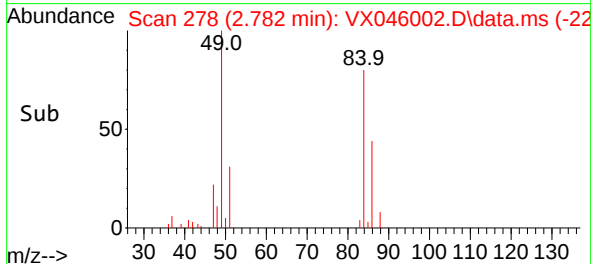
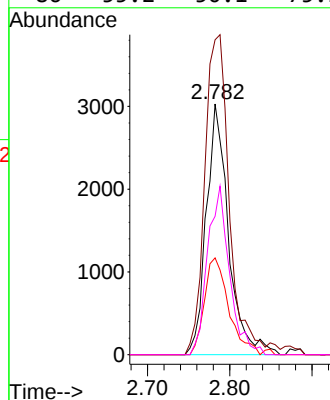
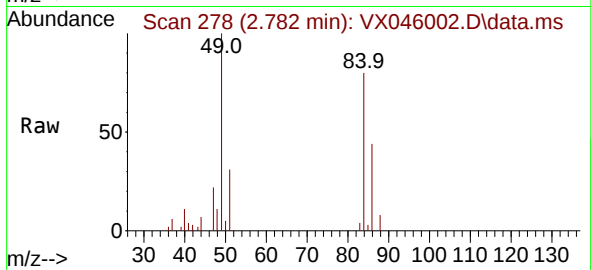




#20
Methylene Chloride
Concen: 6.957 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046002.D
Acq: 30 Apr 2025 16:50

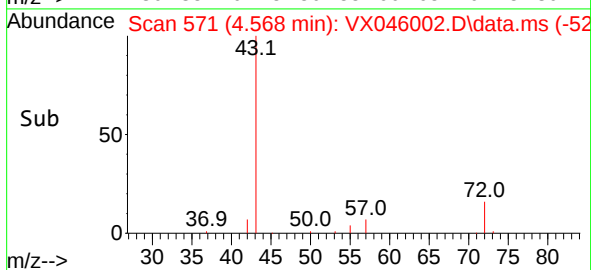
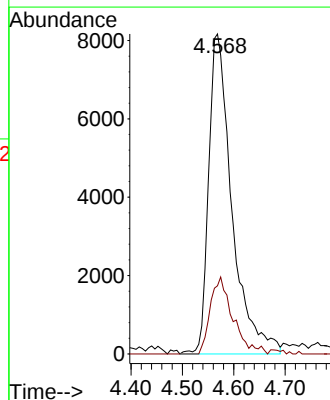
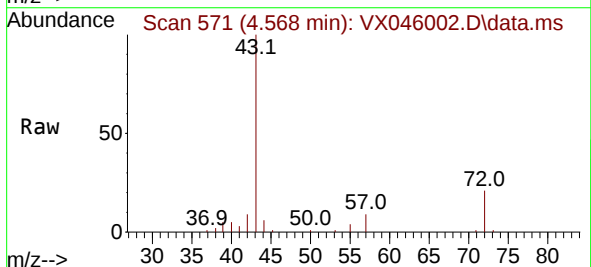
Instrument :
MSVOA_X
ClientSampleId :
WC-7

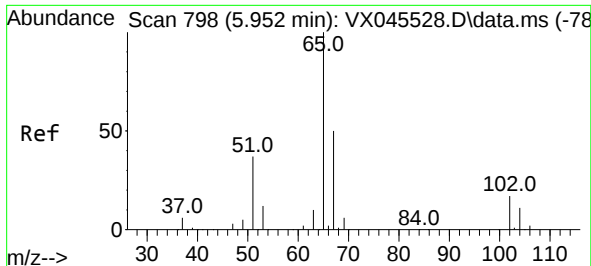
Tgt Ion:	84	Resp:	5706
Ion	Ratio	Lower	Upper
84	100		
49	125.7	107.5	161.3
51	38.6	33.0	49.6
86	55.2	50.1	75.1



#25
2-Butanone
Concen: 40.093 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX046002.D
Acq: 30 Apr 2025 16:50

Tgt Ion:	43	Resp:	25713
Ion	Ratio	Lower	Upper
43	100		
72	21.3	18.6	28.0

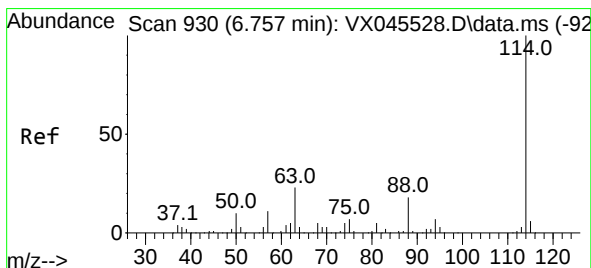
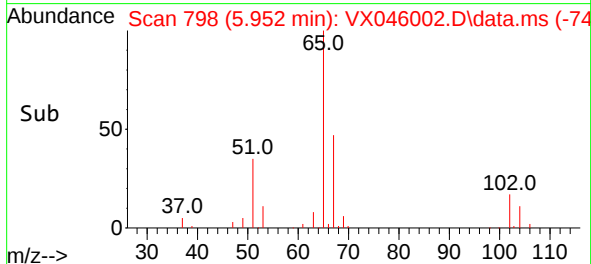
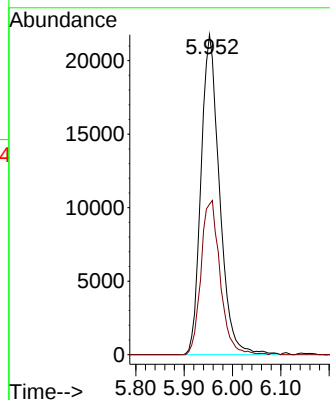
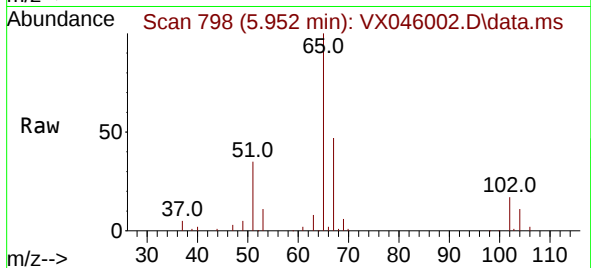




#33
 1,2-Dichloroethane-d4
 Concen: 54.341 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046002.D
 Acq: 30 Apr 2025 16:50

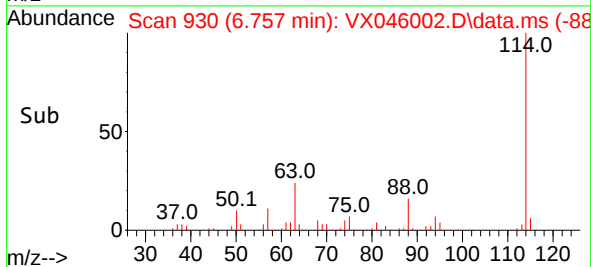
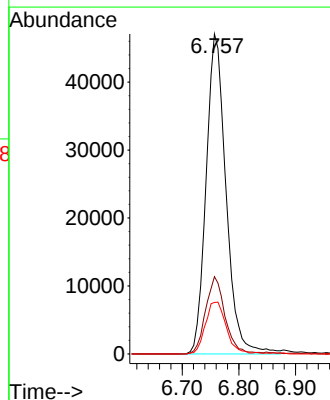
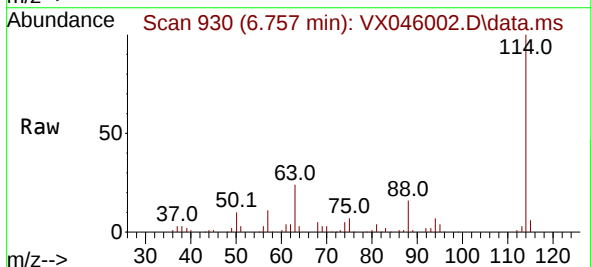
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-7

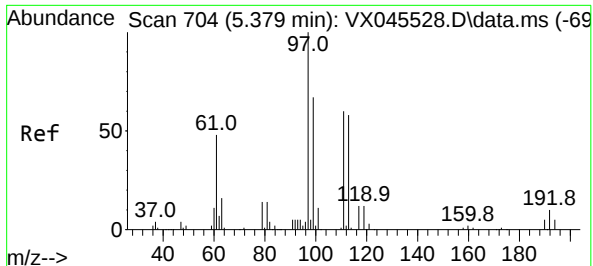
Tgt Ion: 65 Resp: 57981
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046002.D
 Acq: 30 Apr 2025 16:50

Tgt Ion: 114 Resp: 114833
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.8
 88 16.1 0.0 35.4





#35

Dibromofluoromethane

Concen: 51.680 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046002.D

Acq: 30 Apr 2025 16:50

Instrument :

MSVOA_X

ClientSampleId :

WC-7

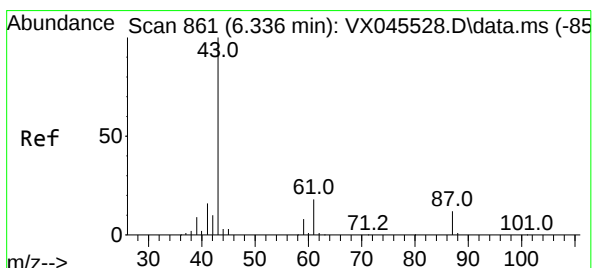
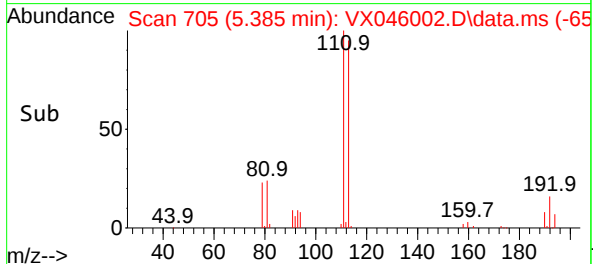
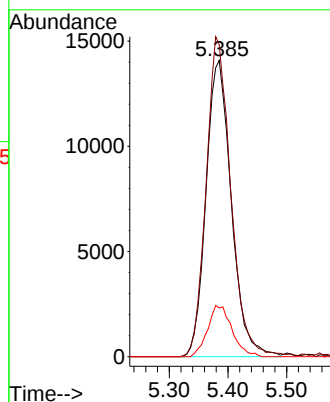
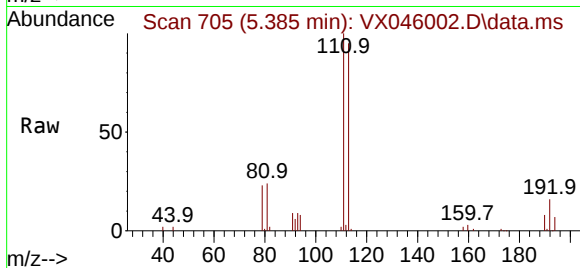
Tgt Ion:113 Resp: 42106

Ion Ratio Lower Upper

113 100

111 105.6 81.8 122.6

192 16.7 13.8 20.6



#43

Isopropyl Acetate

Concen: 6.547 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX046002.D

Acq: 30 Apr 2025 16:50

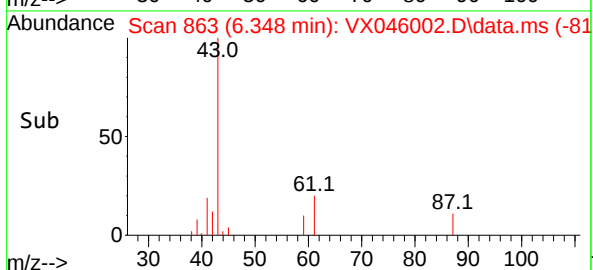
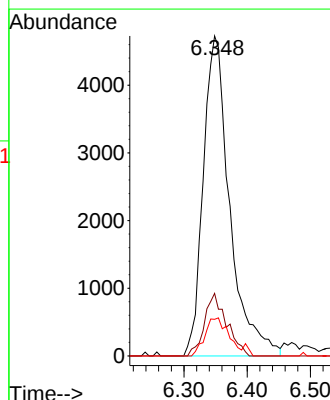
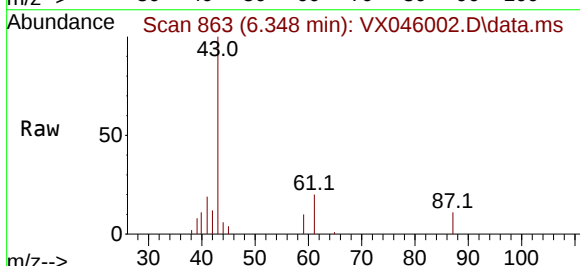
Tgt Ion: 43 Resp: 13757

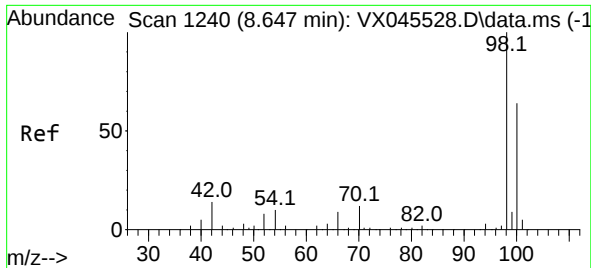
Ion Ratio Lower Upper

43 100

61 16.4 14.1 21.1

87 10.6 9.2 13.8

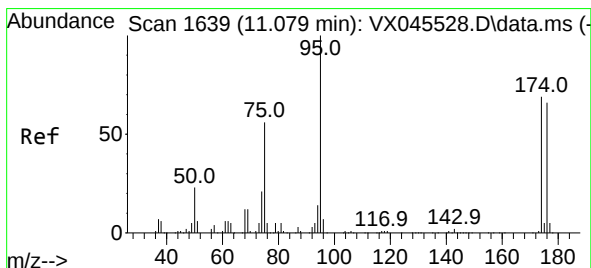
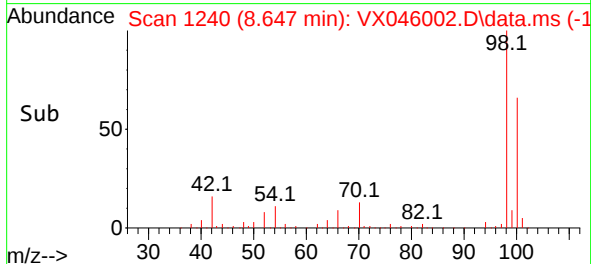
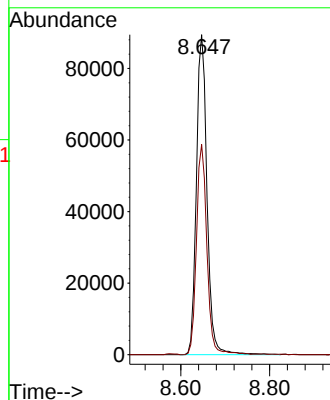
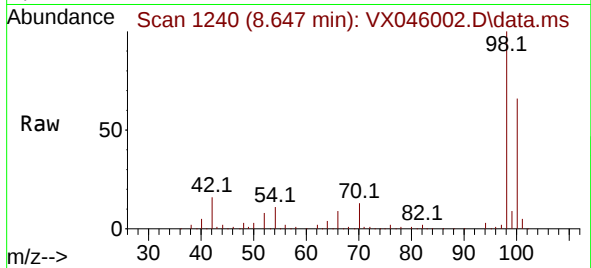




#50
Toluene-d8
Concen: 52.029 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046002.D
Acq: 30 Apr 2025 16:50

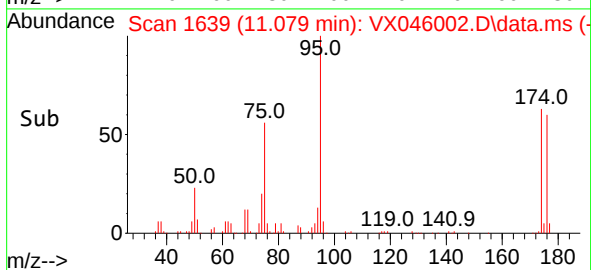
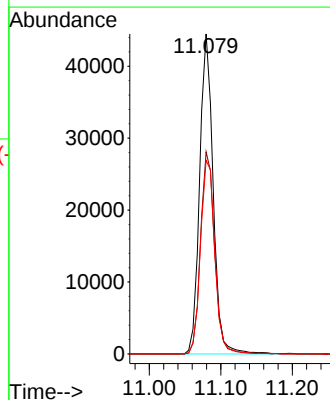
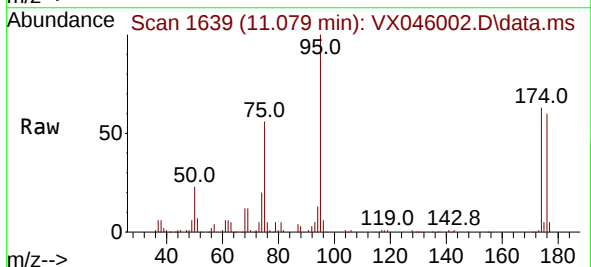
Instrument :
MSVOA_X
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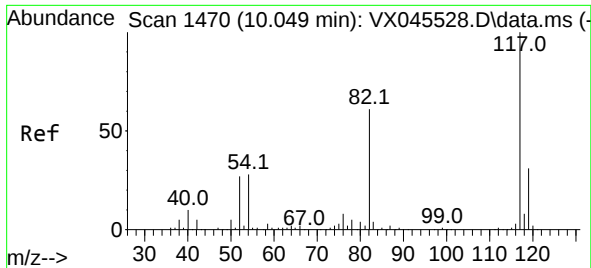
Tgt Ion: 98 Resp: 147959
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 56.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046002.D
Acq: 30 Apr 2025 16:50

Tgt Ion: 95 Resp: 58253
Ion Ratio Lower Upper
95 100
174 65.8 0.0 135.8
176 64.1 0.0 131.4

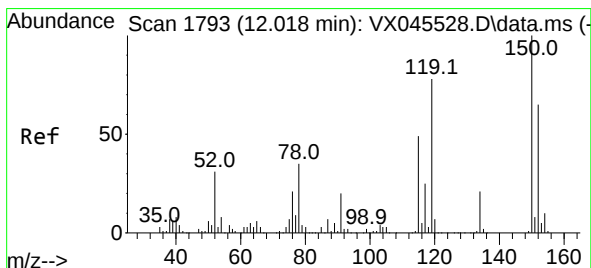
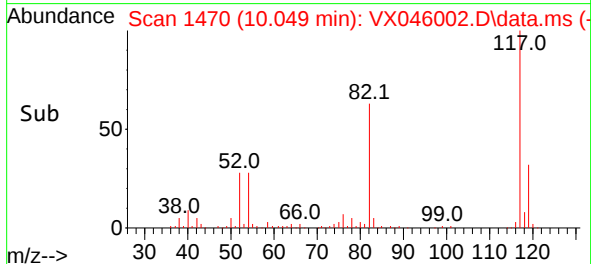
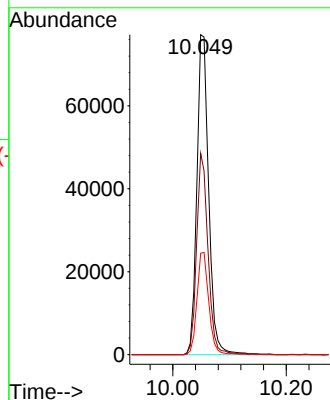
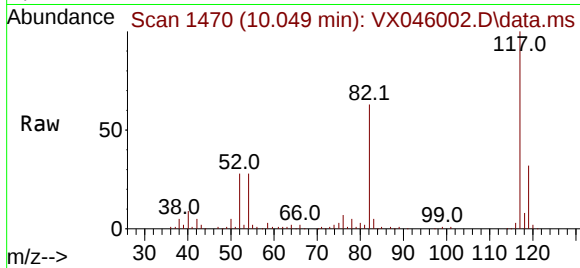




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046002.D
Acq: 30 Apr 2025 16:50

Instrument :
MSVOA_X
ClientSampleId :
WC-7

Tgt Ion:117 Resp: 111572
Ion Ratio Lower Upper
117 100
82 62.9 49.2 73.8
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046002.D
Acq: 30 Apr 2025 16:50

Tgt Ion:152 Resp: 48684
Ion Ratio Lower Upper
152 100
115 66.4 46.9 140.7
150 161.8 0.0 349.4

