

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045999.D
 Acq On : 30 Apr 2025 15:40
 Operator : JC/MD
 Sample : Q1906-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-4

Quant Time: May 01 03:37:56 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)

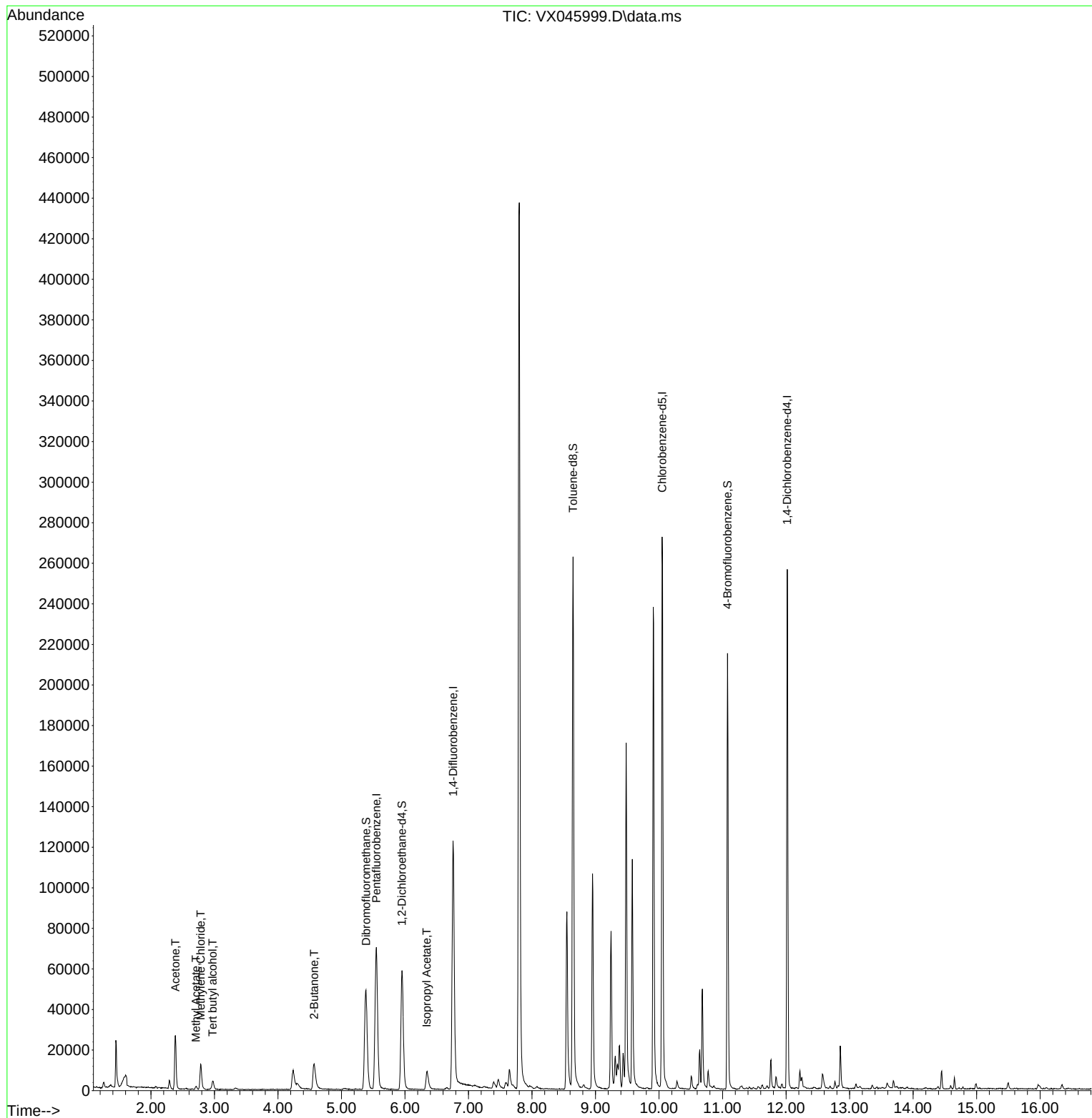
Internal Standards						
1) Pentafluorobenzene	5.550	168	59259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	114258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	112397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60885	56.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.360%	
35) Dibromofluoromethane	5.385	113	43144	53.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.440%	
50) Toluene-d8	8.647	98	150262	53.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.200%	
62) 4-Bromofluorobenzene	11.079	95	56122	54.453	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.900%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.971	59	4496	30.871	ug/l	99
16) Acetone	2.386	43	30247	67.972	ug/l	95
18) Methyl Acetate	2.709	43	2087	2.037	ug/l #	91
20) Methylene Chloride	2.782	84	5673	6.810	ug/l	98
25) 2-Butanone	4.568	43	26042	39.980	ug/l	99
43) Isopropyl Acetate	6.342	43	13970	6.682	ug/l	99

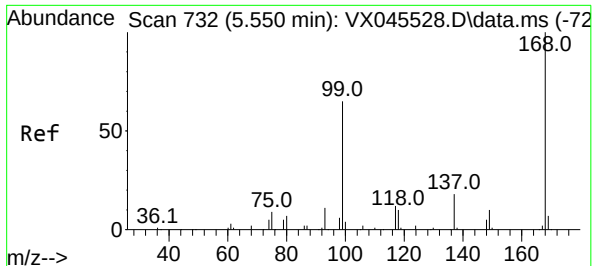
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-4

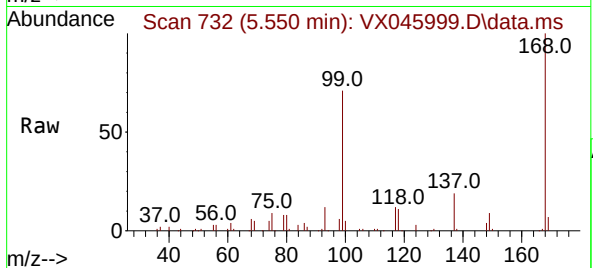
Quant Time: May 01 03:37:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



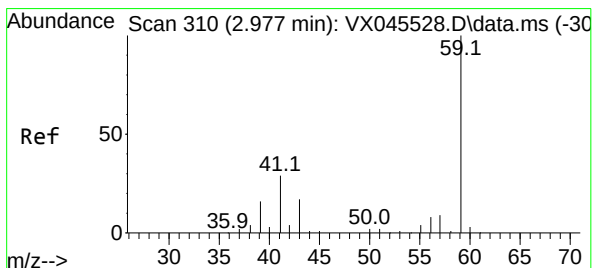
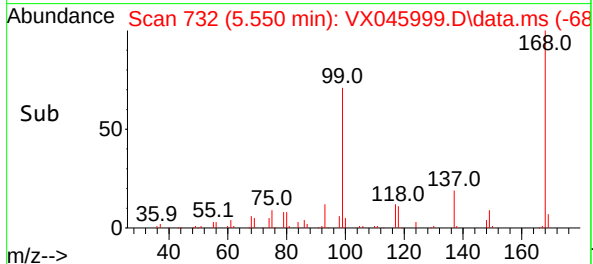
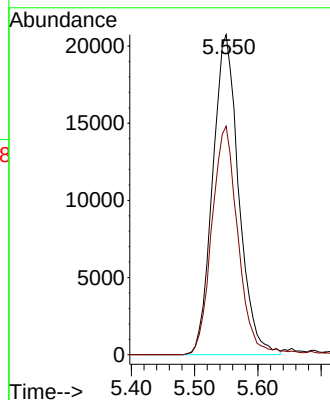


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045999.D
Acq: 30 Apr 2025 15:40

Instrument :
MSVOA_X
ClientSampleId :
WC-4

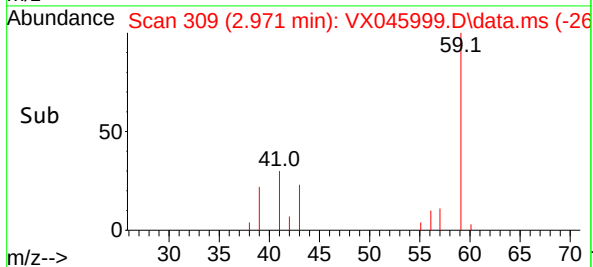
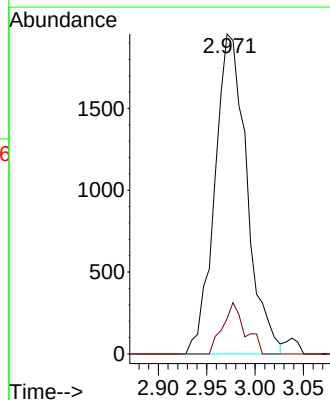
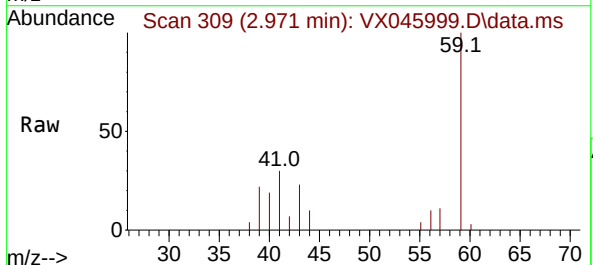


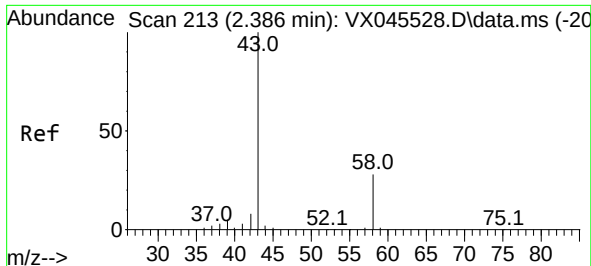
Tgt Ion:168 Resp: 59259
Ion Ratio Lower Upper
168 100
99 71.4 52.3 78.5



#11
Tert butyl alcohol
Concen: 30.871 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045999.D
Acq: 30 Apr 2025 15:40

Tgt Ion: 59 Resp: 4496
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

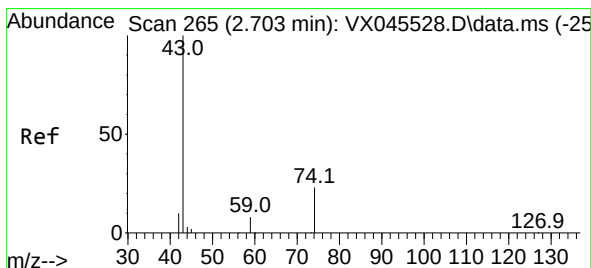
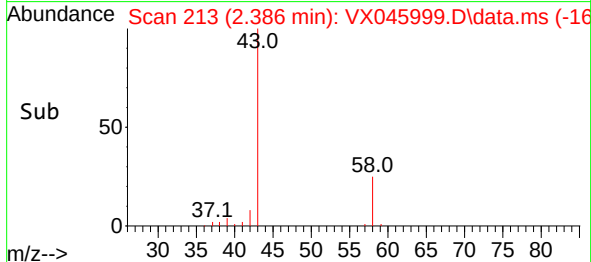
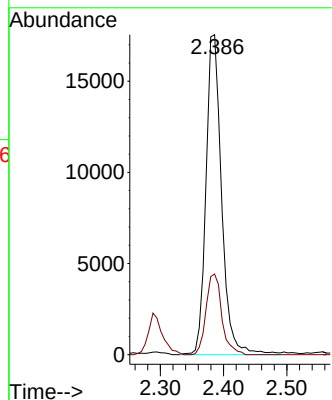
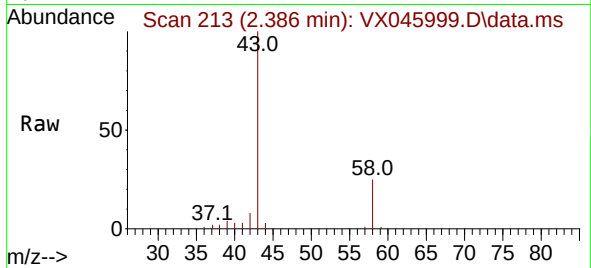




#16
Acetone
Concen: 67.972 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045999.D
Acq: 30 Apr 2025 15:40

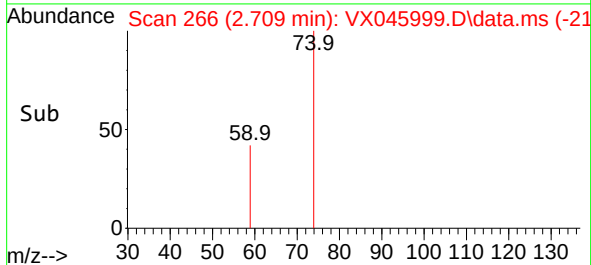
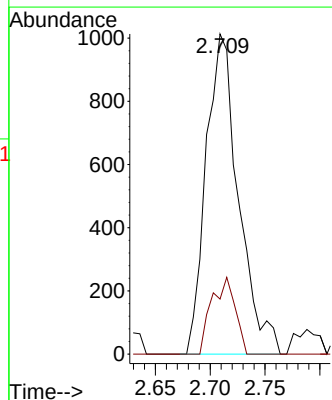
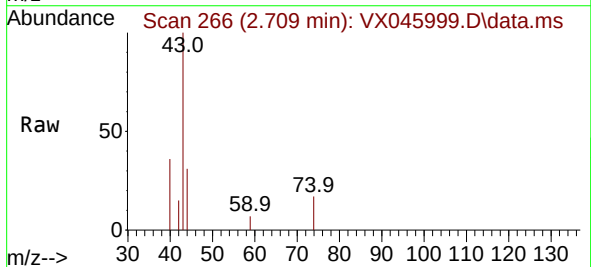
Instrument :
MSVOA_X
ClientSampleId :
WC-4

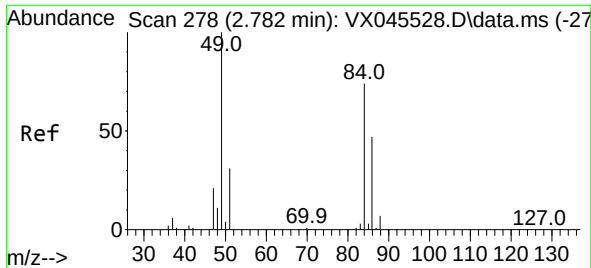
Tgt Ion: 43 Resp: 30247
Ion Ratio Lower Upper
43 100
58 25.2 22.3 33.5



#18
Methyl Acetate
Concen: 2.037 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045999.D
Acq: 30 Apr 2025 15:40

Tgt Ion: 43 Resp: 2087
Ion Ratio Lower Upper
43 100
74 17.4 17.5 26.3#

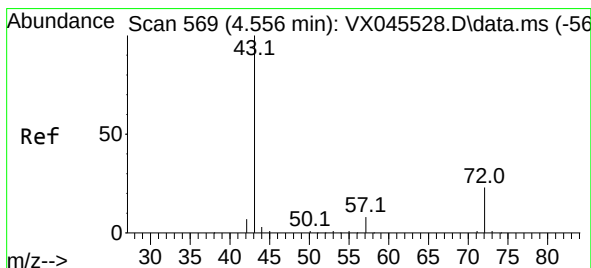
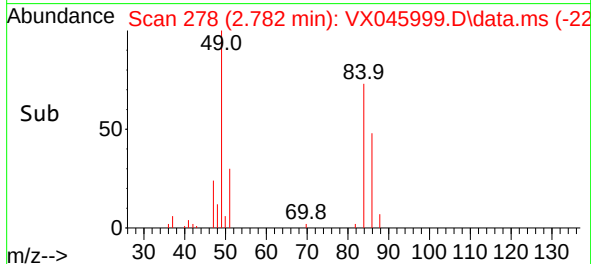
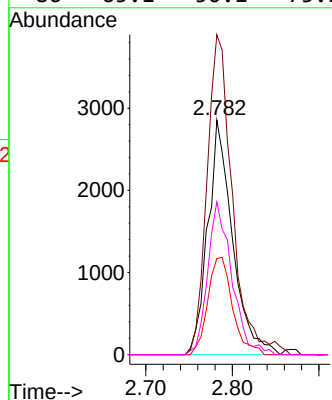
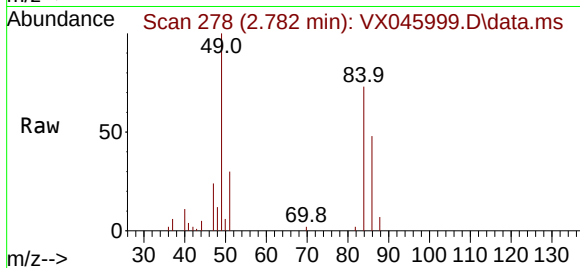




#20
Methylene Chloride
Concen: 6.810 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045999.D
Acq: 30 Apr 2025 15:40

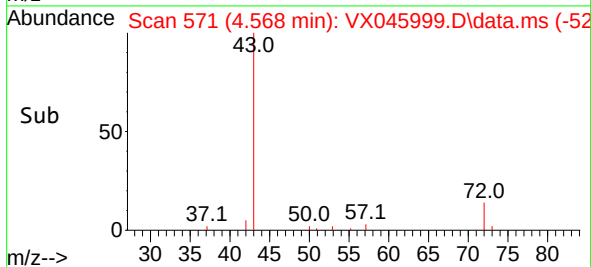
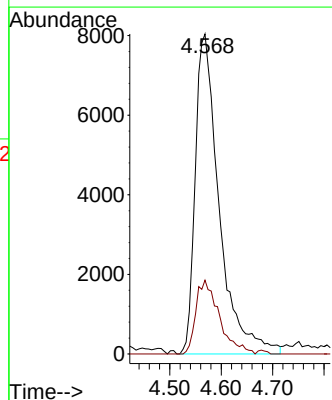
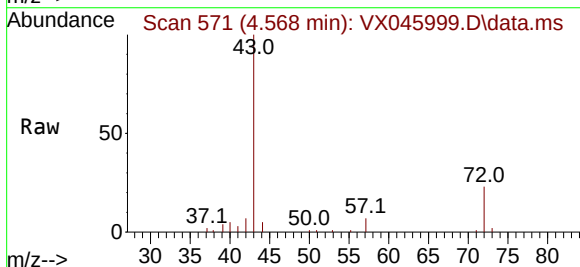
Instrument :
MSVOA_X
ClientSampleId :
WC-4

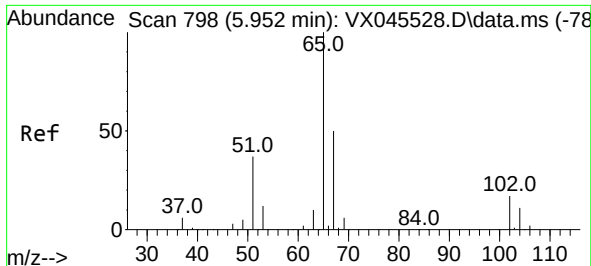
Tgt Ion:	84	Resp:	5673
Ion	Ratio	Lower	Upper
84	100		
49	136.4	107.5	161.3
51	41.0	33.0	49.6
86	65.1	50.1	75.1



#25
2-Butanone
Concen: 39.980 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX045999.D
Acq: 30 Apr 2025 15:40

Tgt Ion:	43	Resp:	26042
Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.6	28.0





#33

1,2-Dichloroethane-d4

Concen: 56.183 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045999.D

Acq: 30 Apr 2025 15:40

Instrument :

MSVOA_X

ClientSampleId :

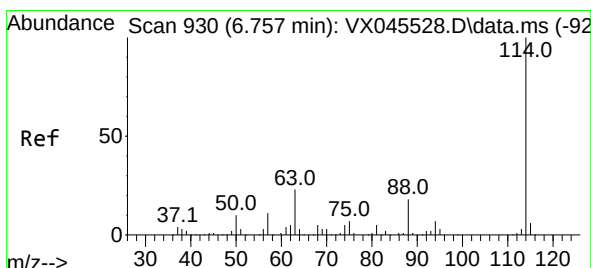
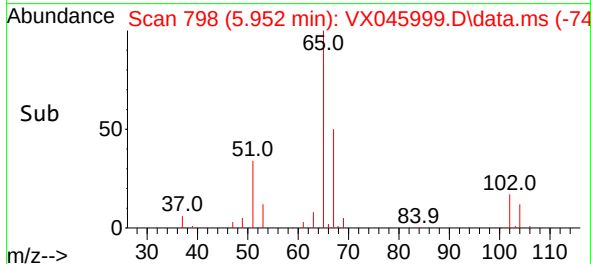
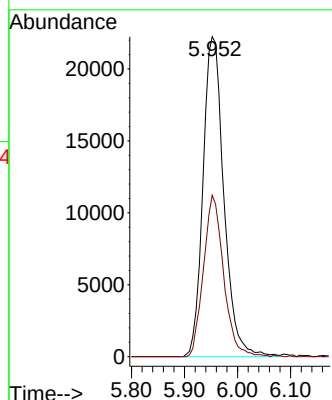
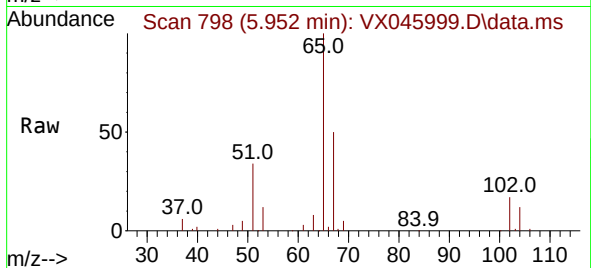
WC-4

Tgt Ion: 65 Resp: 60885

Ion Ratio Lower Upper

65 100

67 48.6 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: VX045999.D

Acq: 30 Apr 2025 15:40

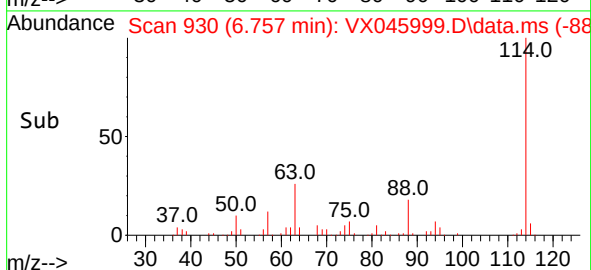
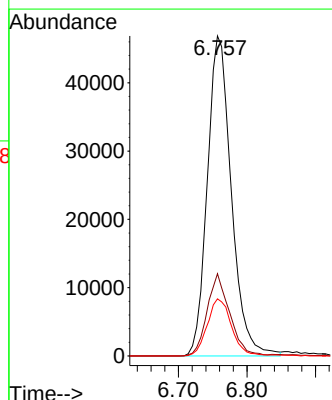
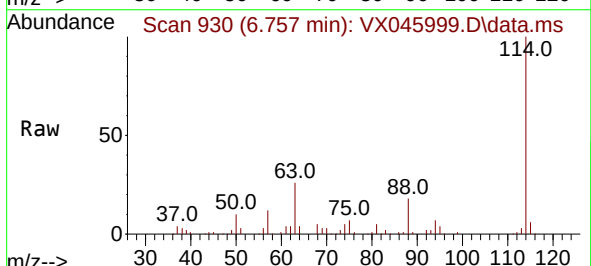
Tgt Ion: 114 Resp: 114258

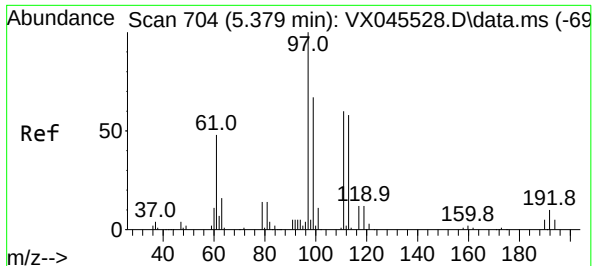
Ion Ratio Lower Upper

114 100

63 25.7 0.0 46.8

88 17.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 53.221 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045999.D

Acq: 30 Apr 2025 15:40

Instrument :

MSVOA_X

ClientSampleId :

WC-4

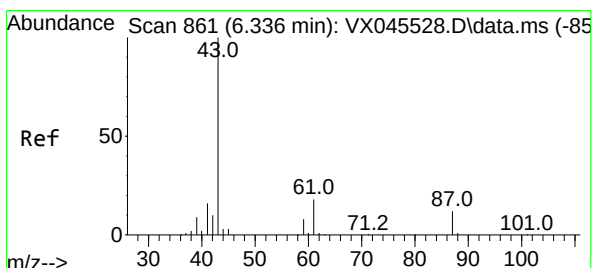
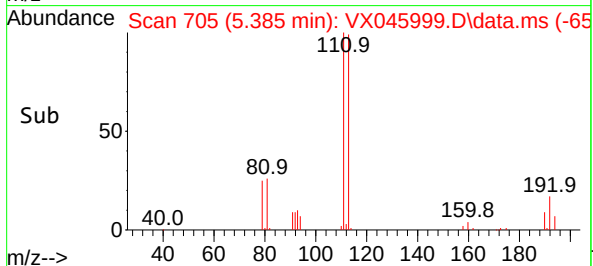
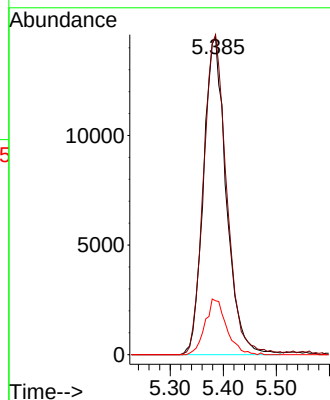
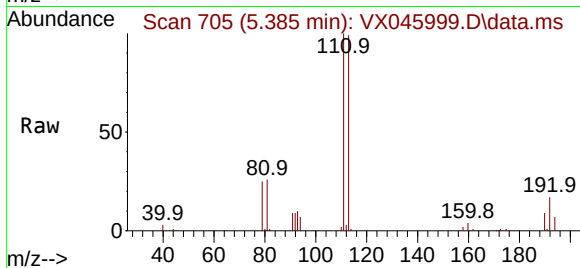
Tgt Ion:113 Resp: 43144

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

192 16.5 13.8 20.6



#43

Isopropyl Acetate

Concen: 6.682 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX045999.D

Acq: 30 Apr 2025 15:40

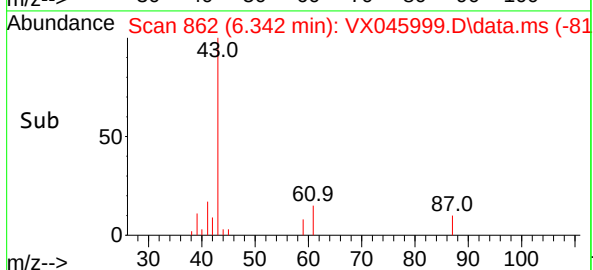
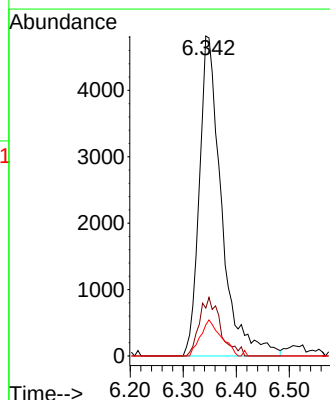
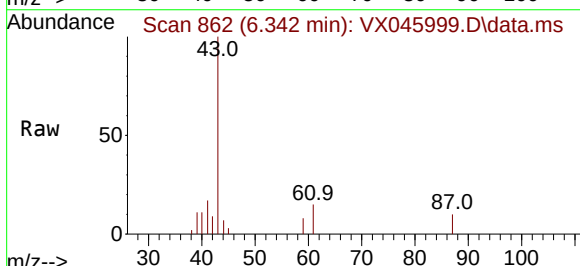
Tgt Ion: 43 Resp: 13970

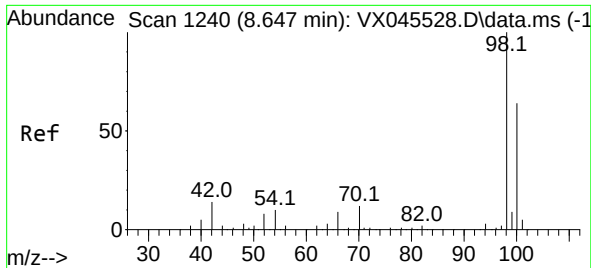
Ion Ratio Lower Upper

43 100

61 17.4 14.1 21.1

87 10.4 9.2 13.8

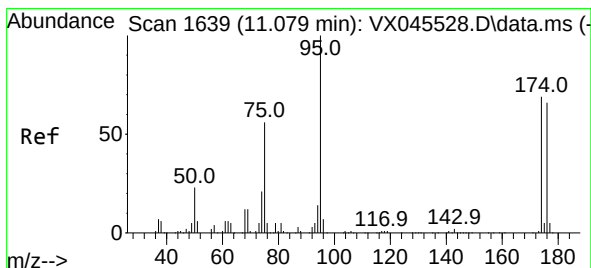
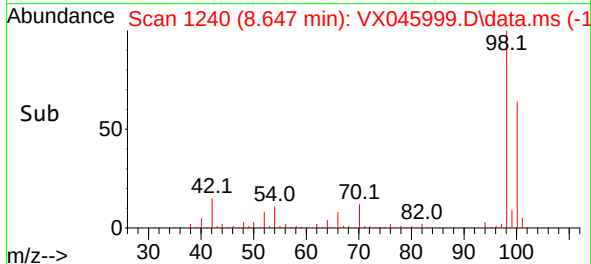
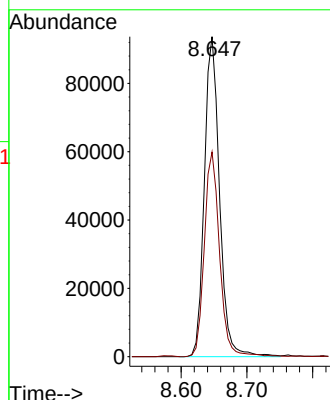
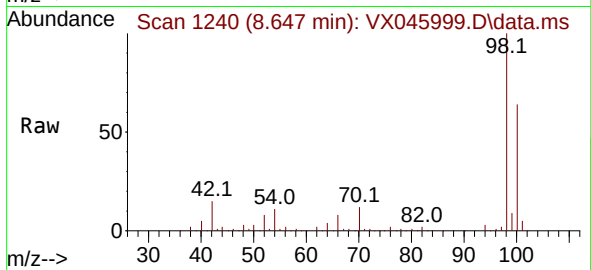




#50
Toluene-d8
Concen: 53.105 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045999.D
Acq: 30 Apr 2025 15:40

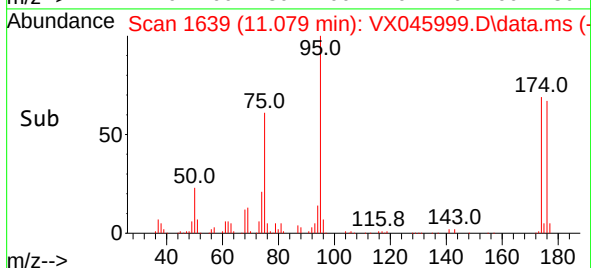
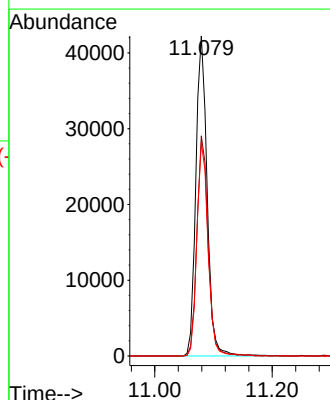
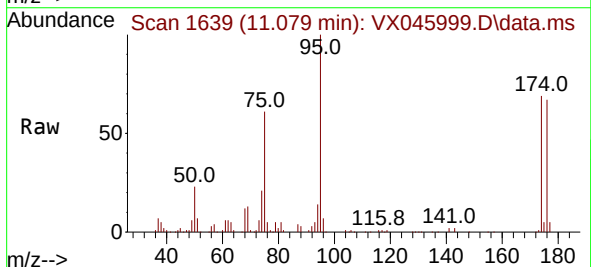
Instrument :
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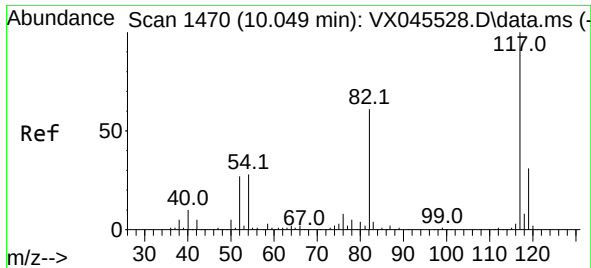
Tgt Ion: 98 Resp: 150262
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 54.453 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045999.D
Acq: 30 Apr 2025 15:40

Tgt Ion: 95 Resp: 56122
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.8
176 66.0 0.0 131.4

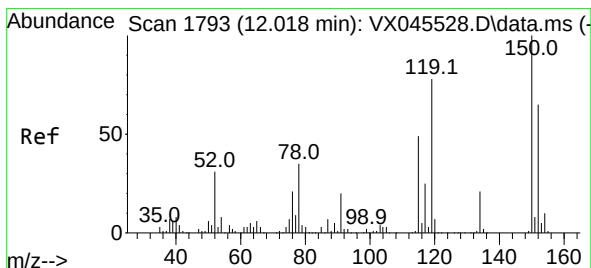
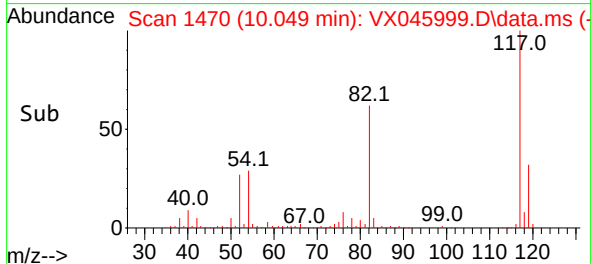
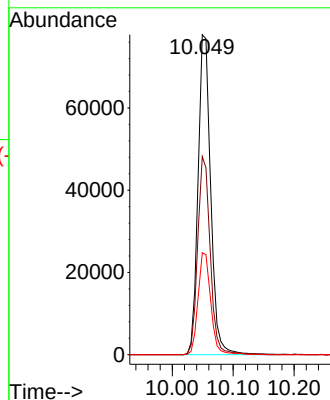
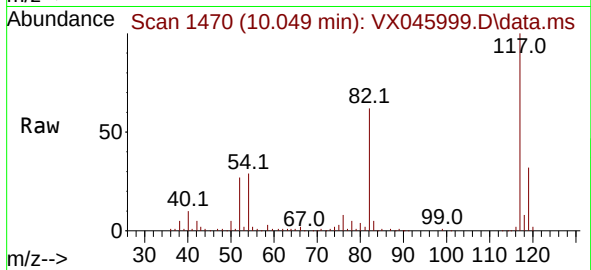




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045999.D
Acq: 30 Apr 2025 15:40

Instrument :
MSVOA_X
ClientSampleId :
WC-4

Tgt Ion:117 Resp: 112397
Ion Ratio Lower Upper
117 100
82 61.9 49.2 73.8
119 31.8 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: VX045999.D
Acq: 30 Apr 2025 15:40

Tgt Ion:152 Resp: 47225
Ion Ratio Lower Upper
152 100
115 65.2 46.9 140.7
150 154.6 0.0 349.4

