

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045995.D
 Acq On : 30 Apr 2025 14:06
 Operator : JC/MD
 Sample : Q1915-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-04282025

Quant Time: May 01 03:37:09 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)

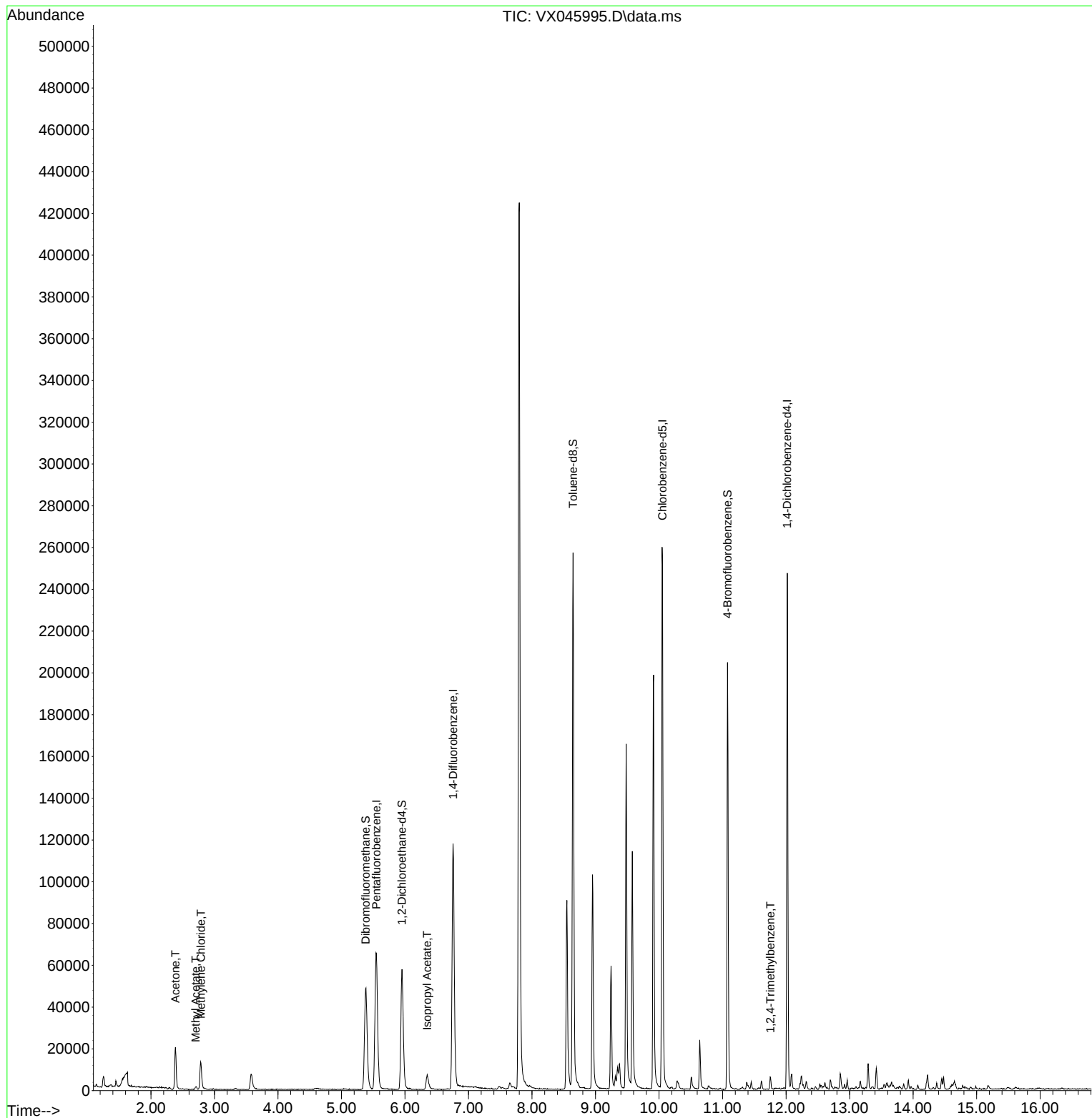
Internal Standards						
1) Pentafluorobenzene	5.550	168	56553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	111268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58476	56.542	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.080%	
35) Dibromofluoromethane	5.379	113	43365	54.931	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.860%	
50) Toluene-d8	8.647	98	146921	53.320	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	11.079	95	53005	52.810	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.620%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	21932	51.644	ug/l	98
18) Methyl Acetate	2.703	43	1759	1.799	ug/l	96
20) Methylene Chloride	2.788	84	6417	8.071	ug/l	95
43) Isopropyl Acetate	6.348	43	10089	4.956	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	3197	1.079	ug/l	94

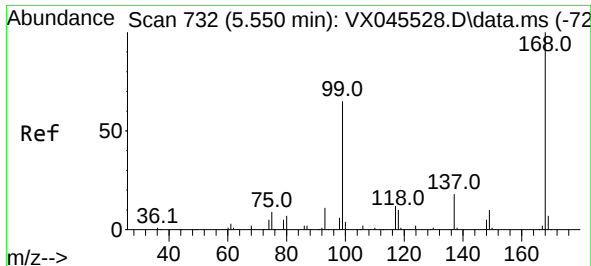
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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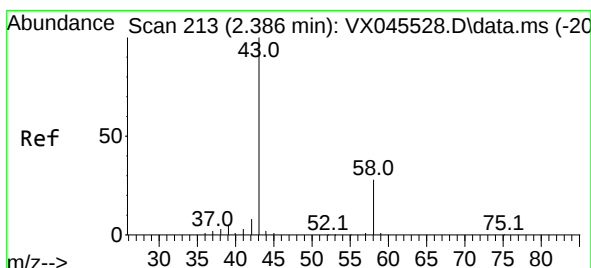
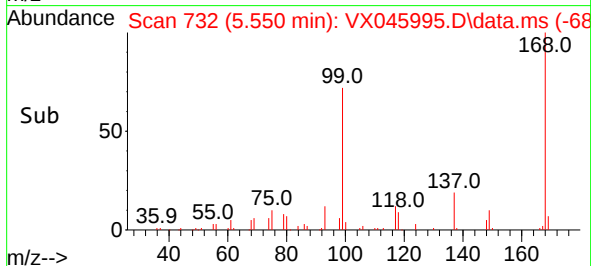
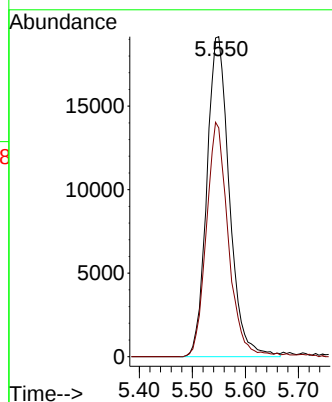
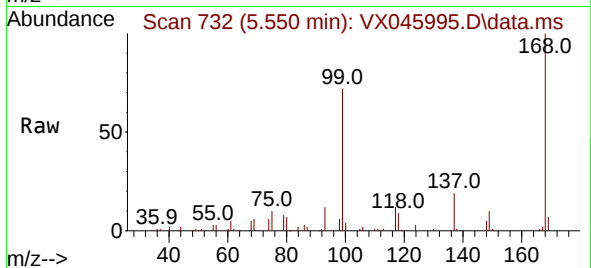




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045995.D
Acq: 30 Apr 2025 14:06

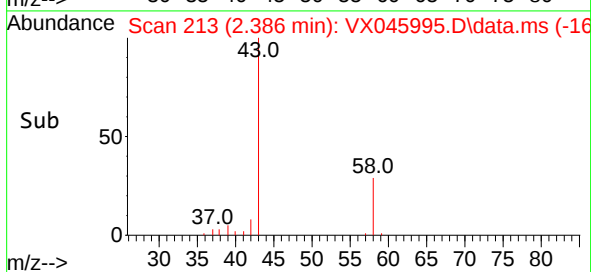
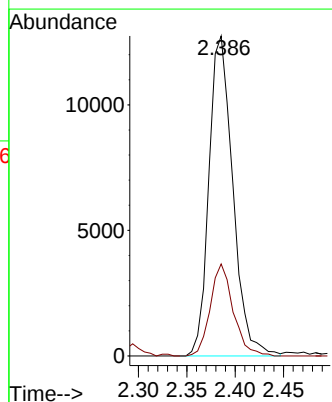
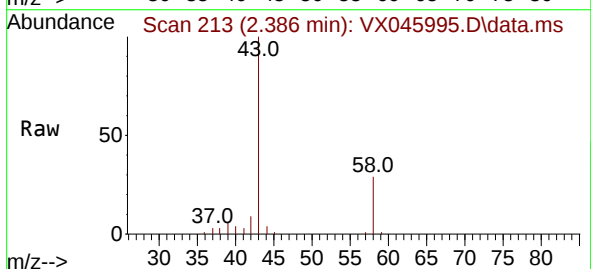
Instrument :
MSVOA_X
ClientSampleId :
WC-04282025

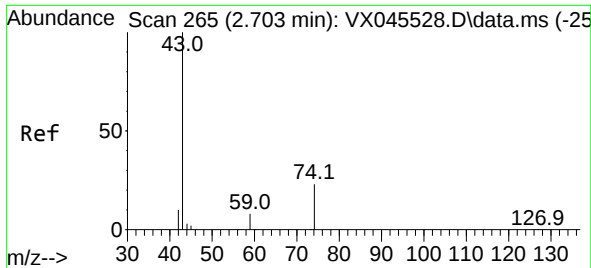
Tgt Ion:168 Resp: 56553
Ion Ratio Lower Upper
168 100
99 71.5 52.3 78.5



#16
Acetone
Concen: 51.644 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045995.D
Acq: 30 Apr 2025 14:06

Tgt Ion: 43 Resp: 21932
Ion Ratio Lower Upper
43 100
58 28.8 22.3 33.5

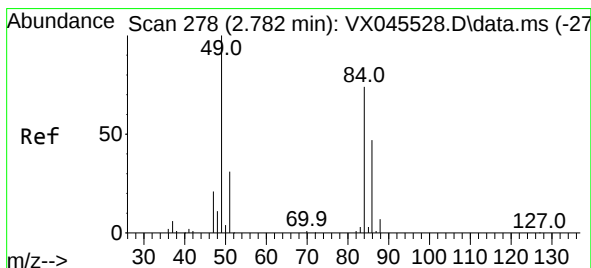
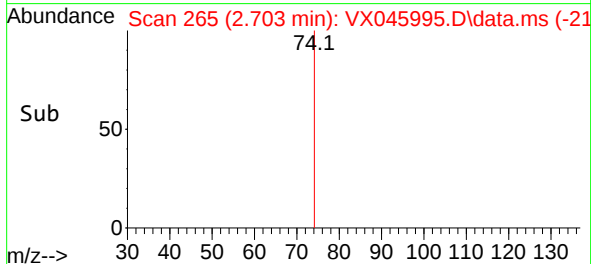
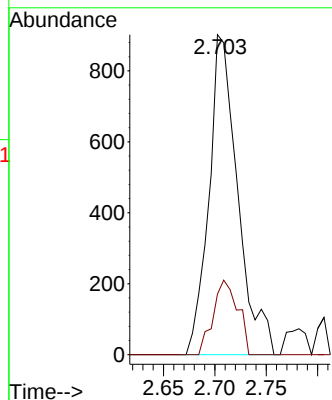
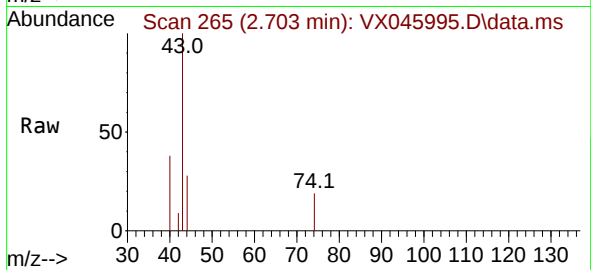




#18
Methyl Acetate
Concen: 1.799 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX045995.D
Acq: 30 Apr 2025 14:06

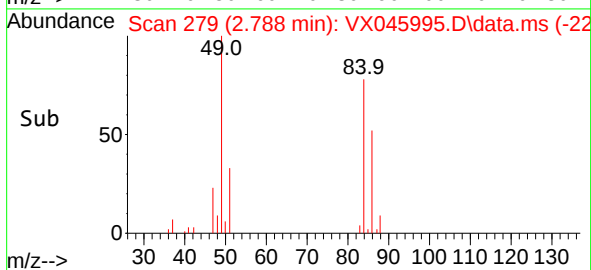
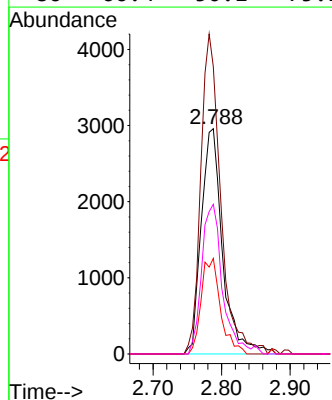
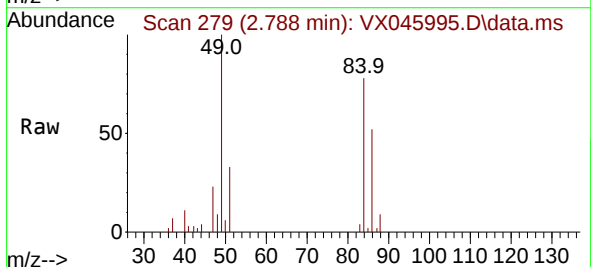
Instrument :
MSVOA_X
ClientSampleId :
WC-04282025

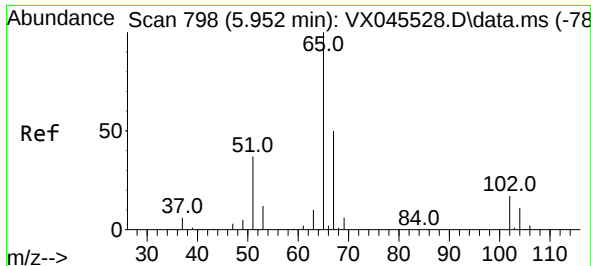
Tgt Ion: 43 Resp: 1759
Ion Ratio Lower Upper
43 100
74 19.8 17.5 26.3



#20
Methylene Chloride
Concen: 8.071 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045995.D
Acq: 30 Apr 2025 14:06

Tgt Ion: 84 Resp: 6417
Ion Ratio Lower Upper
84 100
49 127.4 107.5 161.3
51 42.4 33.0 49.6
86 66.4 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 56.542 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045995.D

Acq: 30 Apr 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

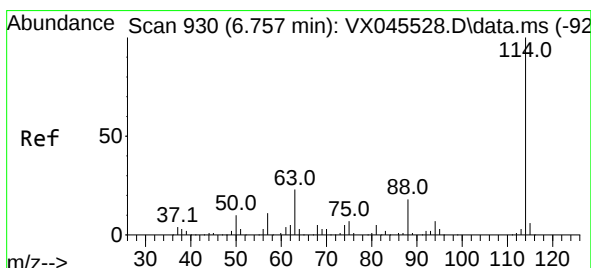
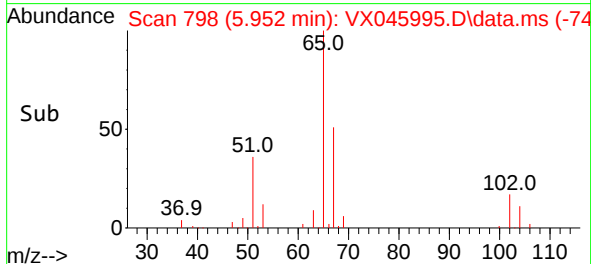
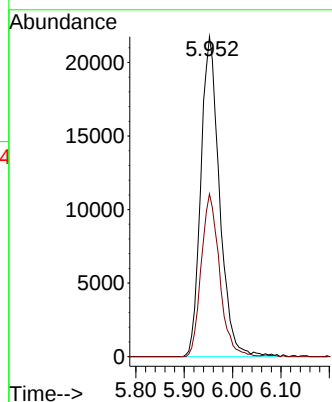
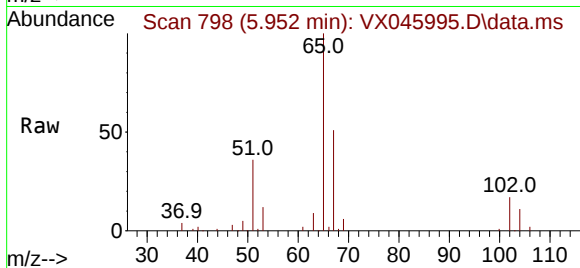
WC-04282025

Tgt Ion: 65 Resp: 58476

Ion Ratio Lower Upper

65 100

67 49.7 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: VX045995.D

Acq: 30 Apr 2025 14:06

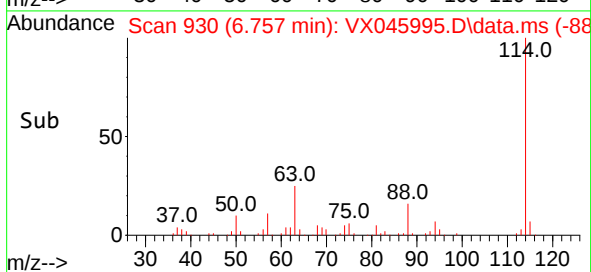
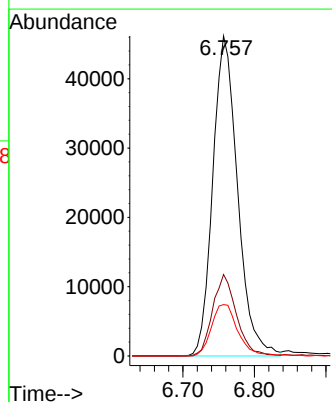
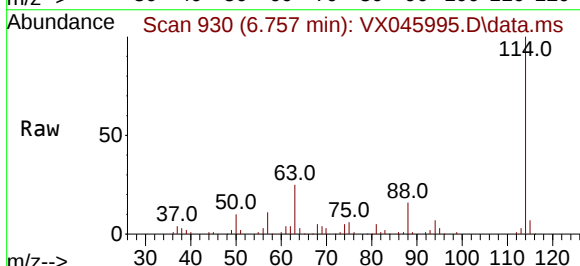
Tgt Ion: 114 Resp: 111268

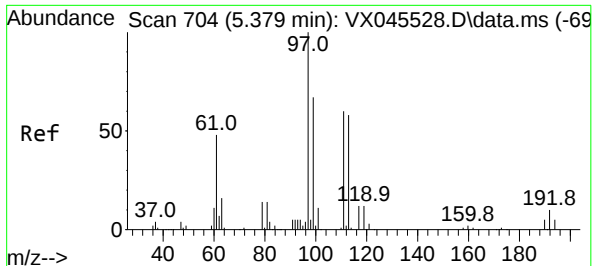
Ion Ratio Lower Upper

114 100

63 25.5 0.0 46.8

88 16.0 0.0 35.4





#35

Dibromofluoromethane

Concen: 54.931 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045995.D

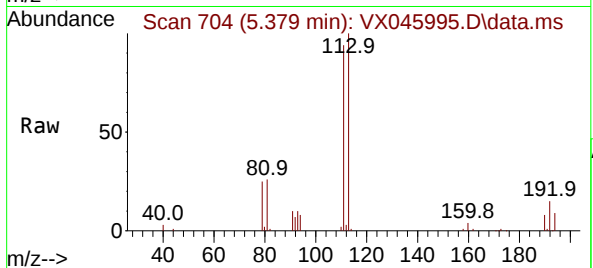
Acq: 30 Apr 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

WC-04282025



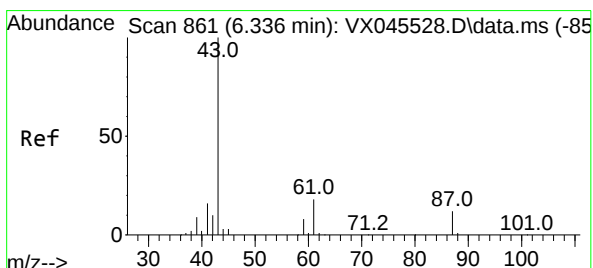
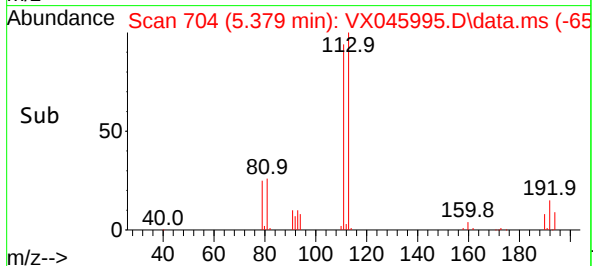
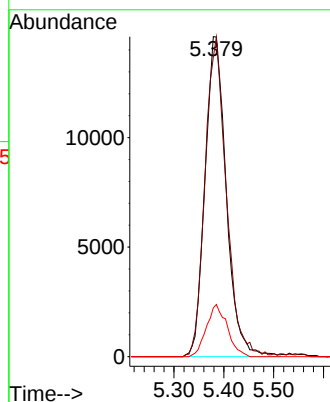
Tgt Ion:113 Resp: 43365

Ion Ratio Lower Upper

113 100

111 99.7 81.8 122.6

192 16.0 13.8 20.6



#43

Isopropyl Acetate

Concen: 4.956 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX045995.D

Acq: 30 Apr 2025 14:06

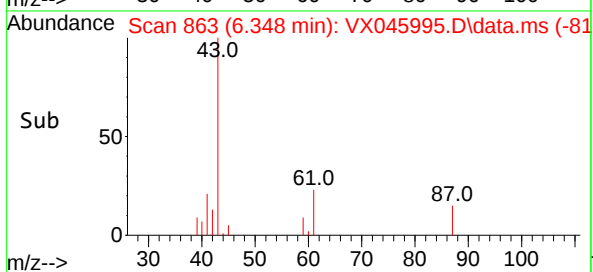
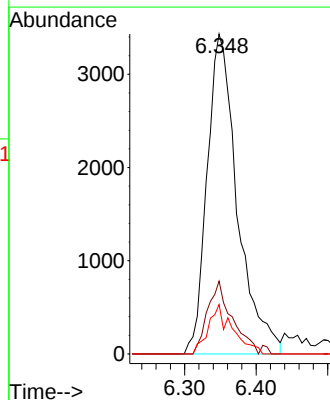
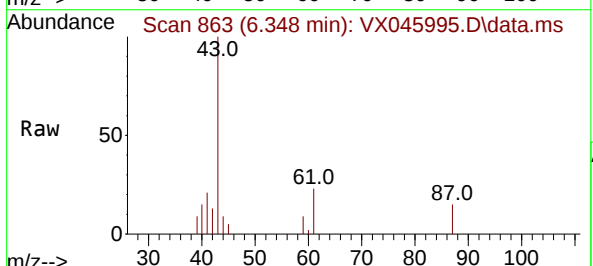
Tgt Ion: 43 Resp: 10089

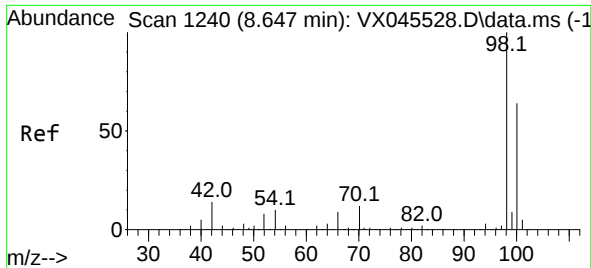
Ion Ratio Lower Upper

43 100

61 18.4 14.1 21.1

87 12.4 9.2 13.8

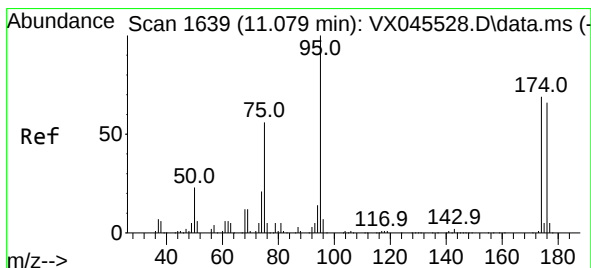
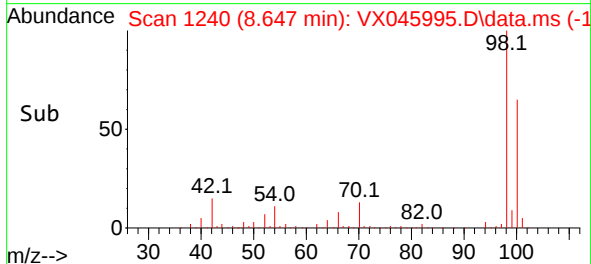
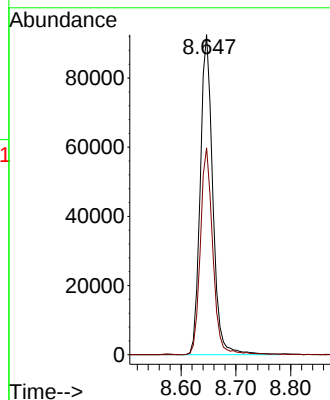
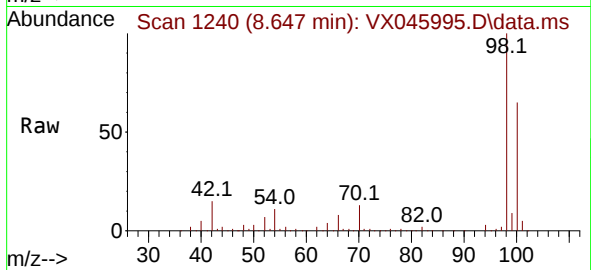




#50
Toluene-d8
Concen: 53.320 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045995.D
Acq: 30 Apr 2025 14:06

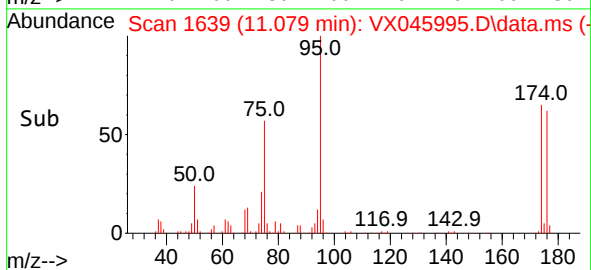
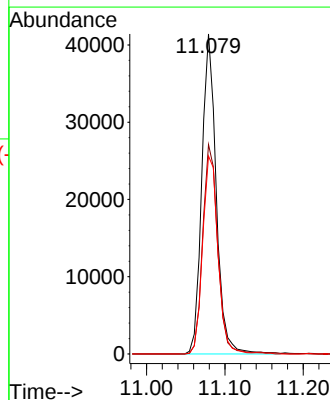
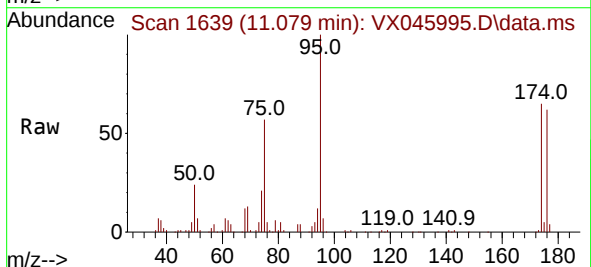
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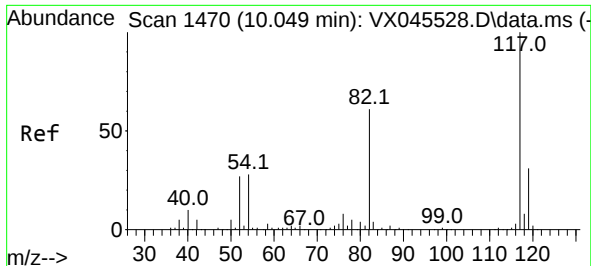
Tgt Ion: 98 Resp: 146921
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.810 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045995.D
Acq: 30 Apr 2025 14:06

Tgt Ion: 95 Resp: 53005
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 66.0 0.0 131.4

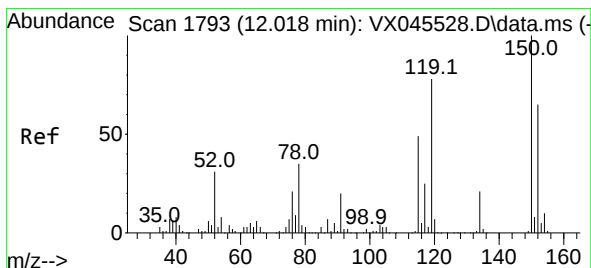
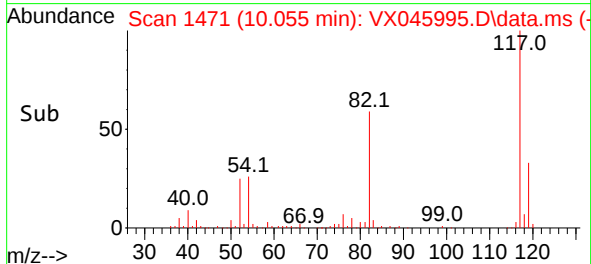
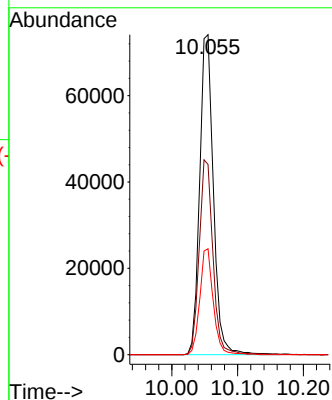
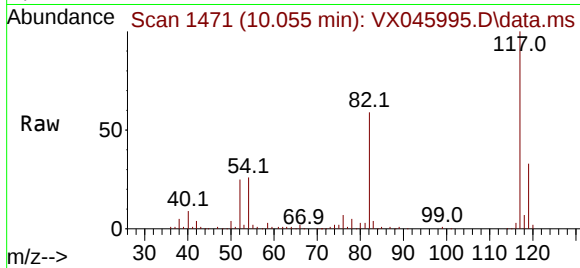




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045995.D
Acq: 30 Apr 2025 14:06

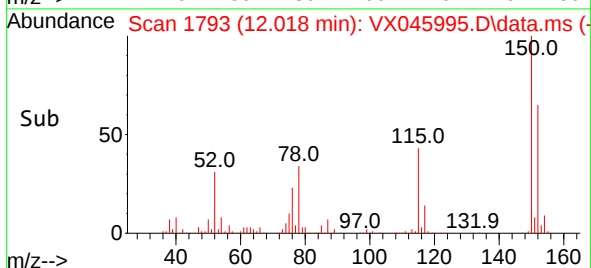
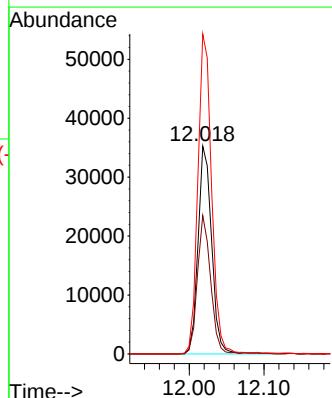
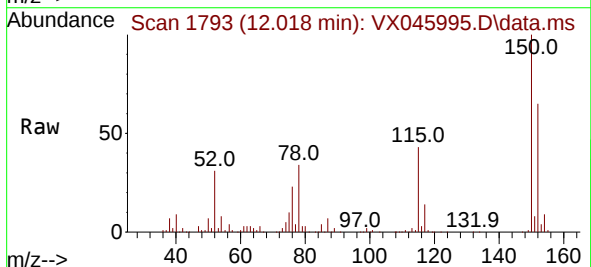
Instrument :
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WC-04282025

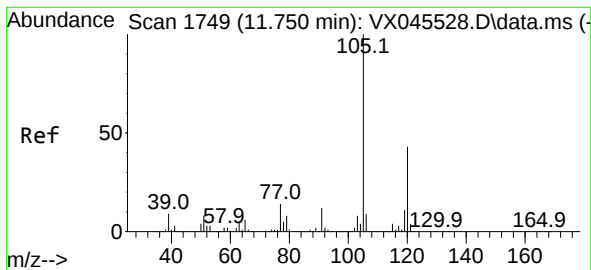
Tgt Ion:117 Resp: 107559
Ion Ratio Lower Upper
117 100
82 59.5 49.2 73.8
119 33.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045995.D
Acq: 30 Apr 2025 14:06

Tgt Ion:152 Resp: 44562
Ion Ratio Lower Upper
152 100
115 64.3 46.9 140.7
150 155.0 0.0 349.4





#84

1,2,4-Trimethylbenzene

Concen: 1.079 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX045995.D

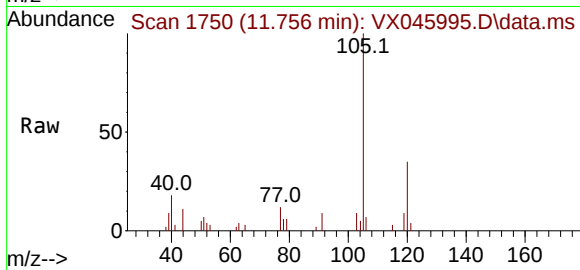
Acq: 30 Apr 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

WC-04282025



Tgt Ion:105 Resp: 3197

Ion Ratio Lower Upper

105 100

120 39.1 21.4 64.3

