

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045253.D
 Acq On : 12 Mar 2025 16:55
 Operator : JC/MD
 Sample : Q1539-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TAPIAL3-MW03D-031025-00-T1

Quant Time: Mar 13 01:44:24 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)

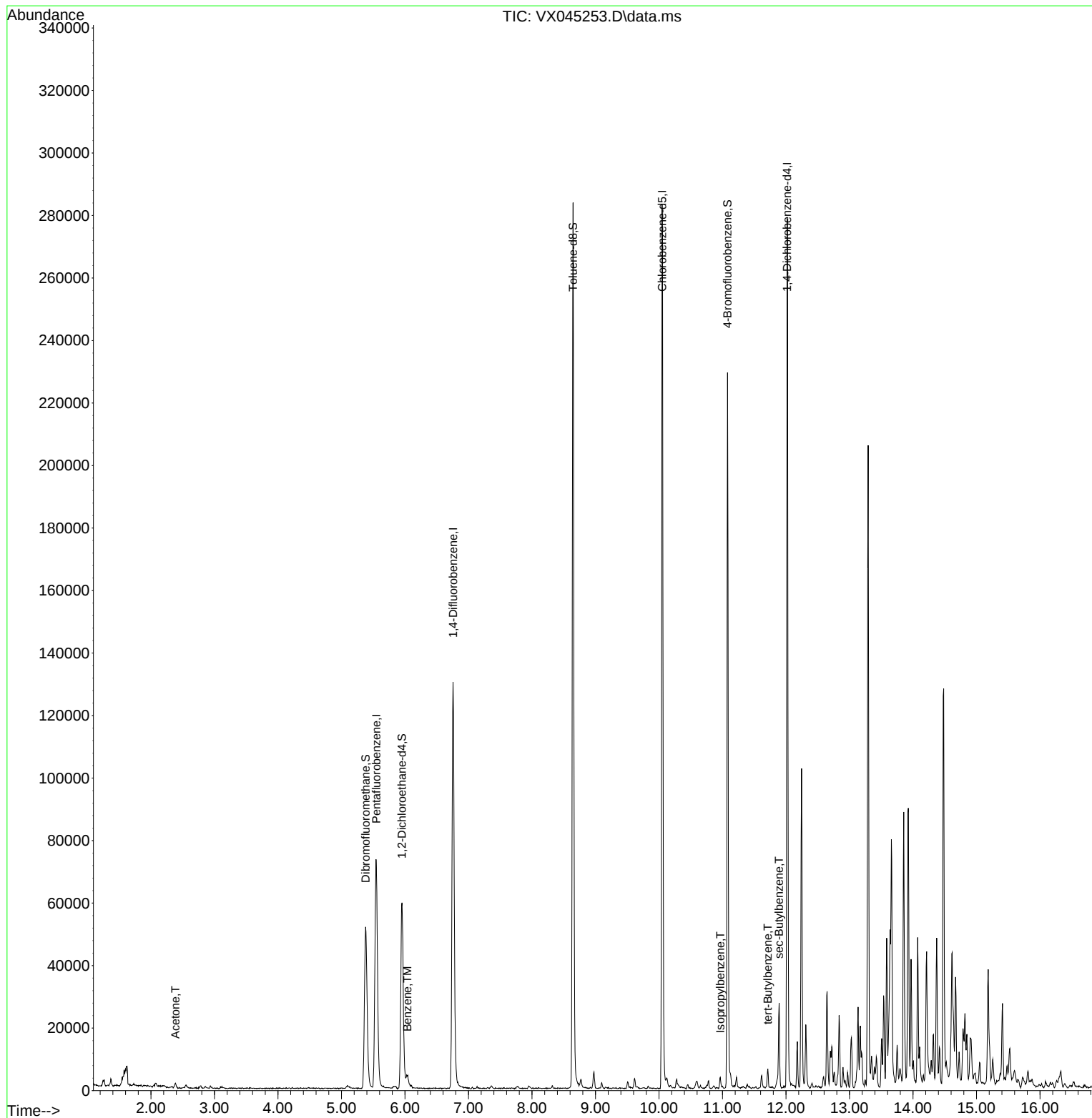
Internal Standards						
1) Pentafluorobenzene	5.550	168	66308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56902	53.950	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.900%	
35) Dibromofluoromethane	5.379	113	45229	52.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.700%	
50) Toluene-d8	8.647	98	164036	52.369	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.740%	
62) 4-Bromofluorobenzene	11.079	95	58034	55.912	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.820%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1806	3.691	ug/l	89
40) Benzene	6.038	78	4594	1.228	ug/l #	88
73) Isopropylbenzene	10.964	105	1980	0.490	ug/l	90
83) tert-Butylbenzene	11.713	119	2097	0.624	ug/l	86
85) sec-Butylbenzene	11.890	105	13740	3.416	ug/l	92

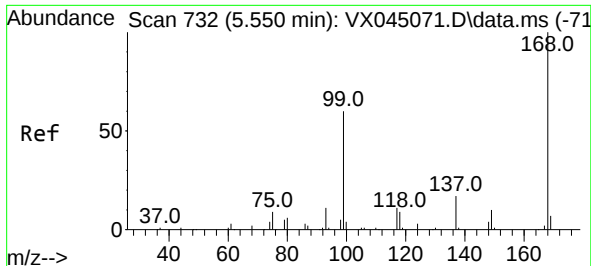
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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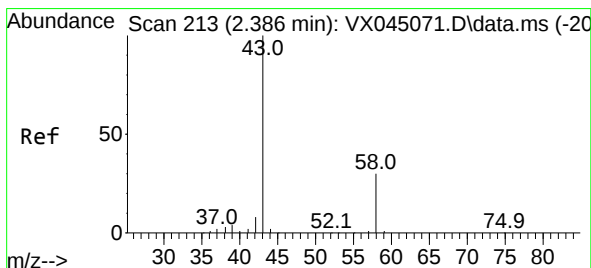
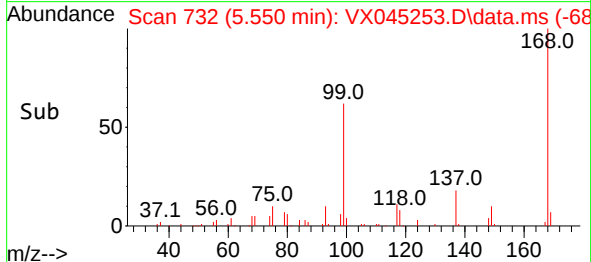
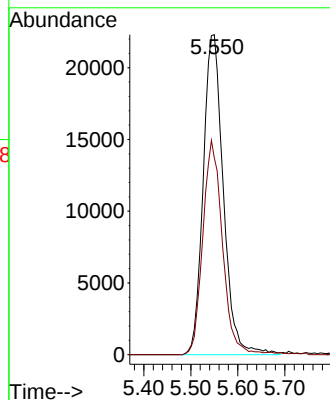
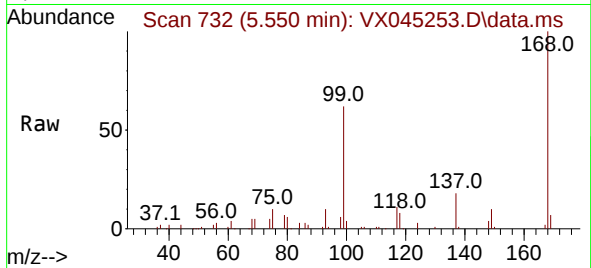




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045253.D
Acq: 12 Mar 2025 16:55

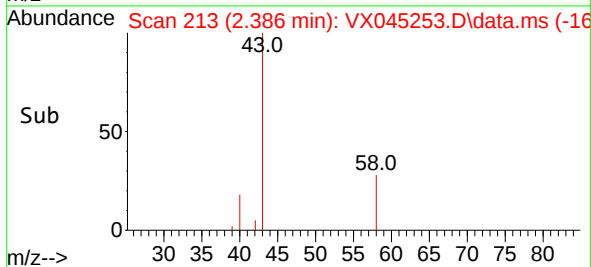
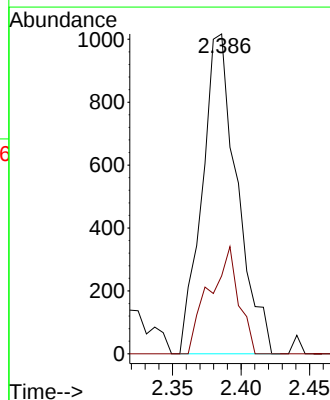
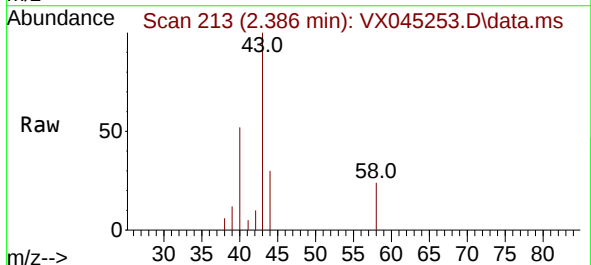
Instrument :
MSVOA_X
ClientSampleId :
TAPIAL3-MW03D-031025-00-T1

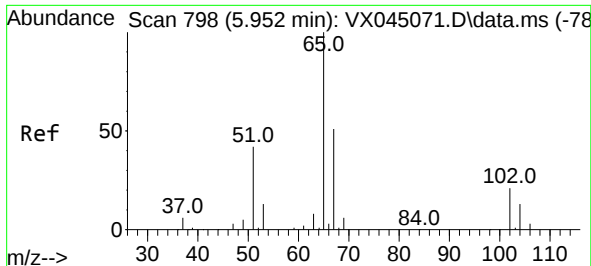
Tgt Ion:168 Resp: 66308
Ion Ratio Lower Upper
168 100
99 61.6 48.2 72.4



#16
Acetone
Concen: 3.691 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045253.D
Acq: 12 Mar 2025 16:55

Tgt Ion: 43 Resp: 1806
Ion Ratio Lower Upper
43 100
58 24.4 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 53.950 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045253.D

Acq: 12 Mar 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

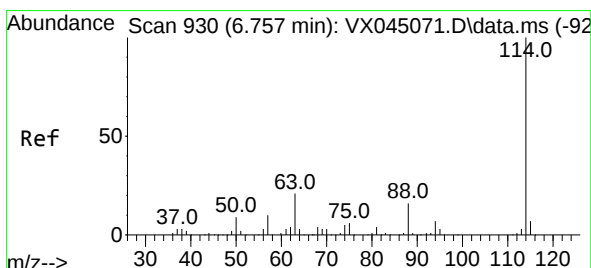
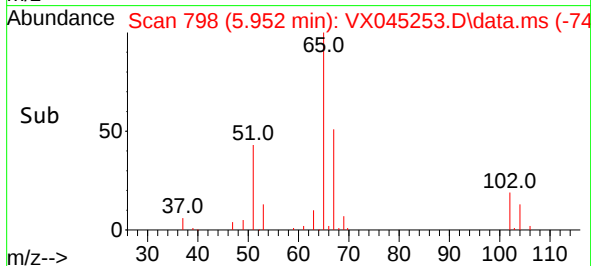
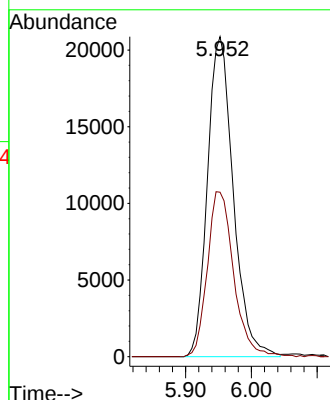
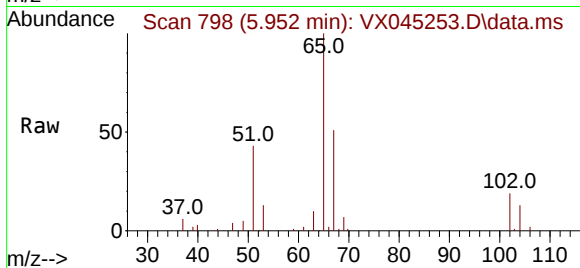
TAPIAL3-MW03D-031025-00-T1

Tgt Ion: 65 Resp: 56902

Ion Ratio Lower Upper

65 100

67 52.6 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: VX045253.D

Acq: 12 Mar 2025 16:55

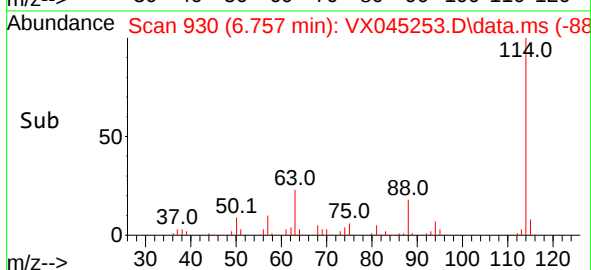
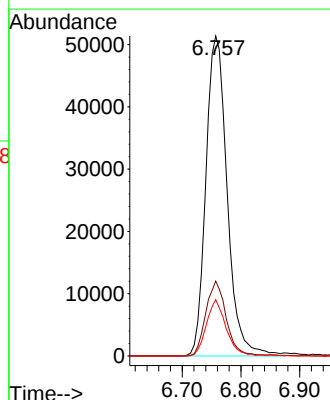
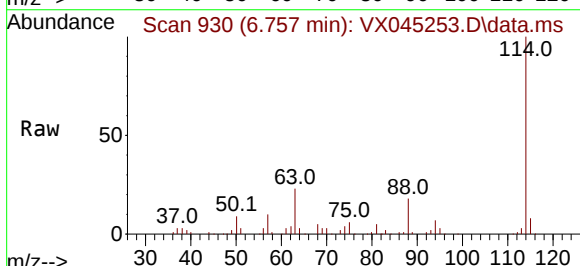
Tgt Ion: 114 Resp: 129212

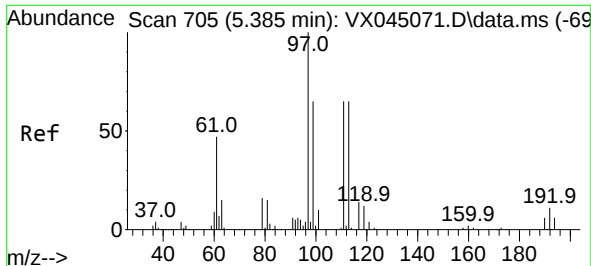
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.8

88 17.6 0.0 32.8

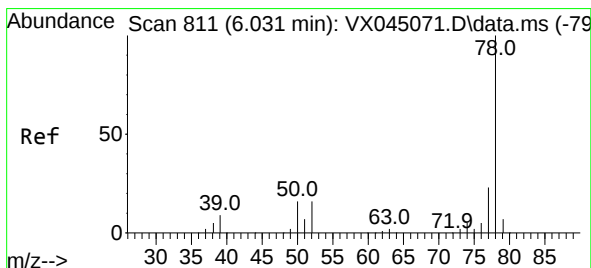
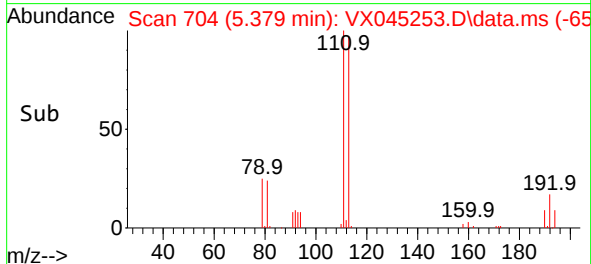
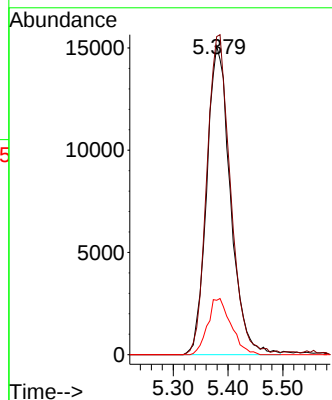
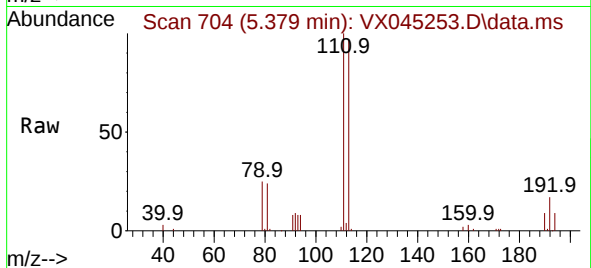




#35
Dibromofluoromethane
Concen: 52.348 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045253.D
Acq: 12 Mar 2025 16:55

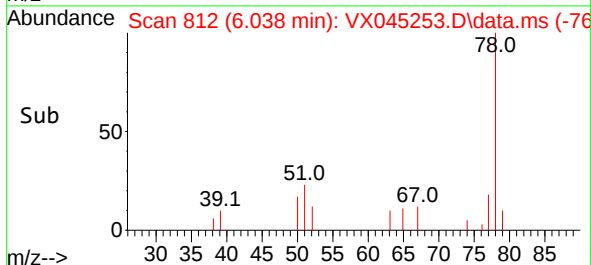
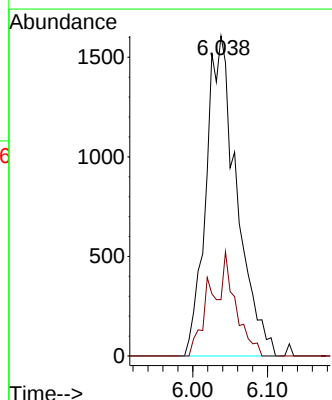
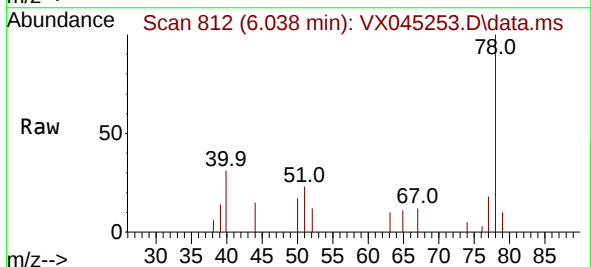
Instrument :
MSVOA_X
ClientSampleId :
TAPIAL3-MW03D-031025-00-T1

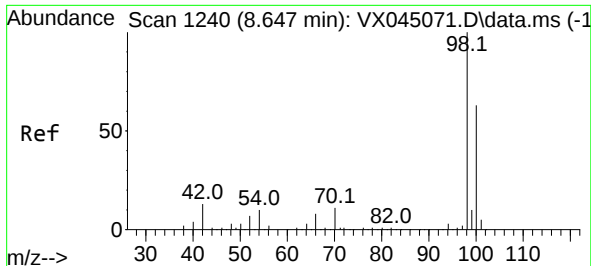
Tgt Ion:113 Resp: 45229
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 18.0 14.3 21.5



#40
Benzene
Concen: 1.228 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX045253.D
Acq: 12 Mar 2025 16:55

Tgt Ion: 78 Resp: 4594
Ion Ratio Lower Upper
78 100
77 17.6 18.8 28.2#

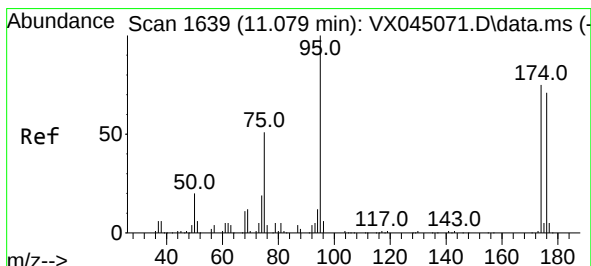
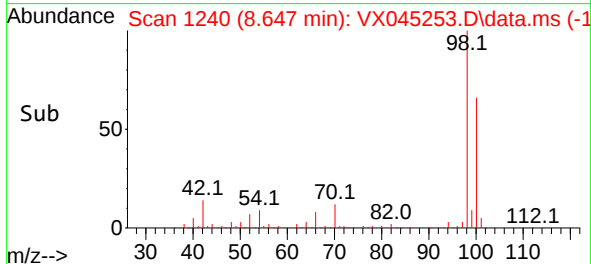
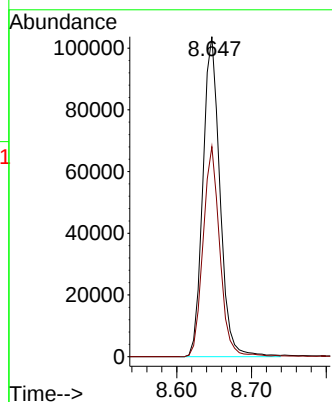
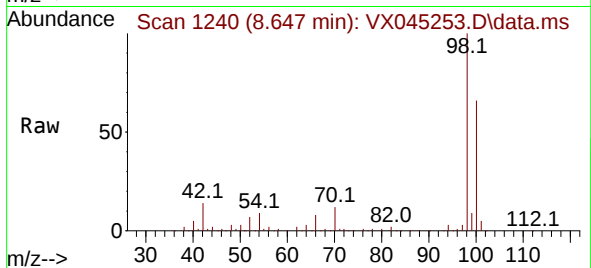




#50
Toluene-d8
Concen: 52.369 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045253.D
Acq: 12 Mar 2025 16:55

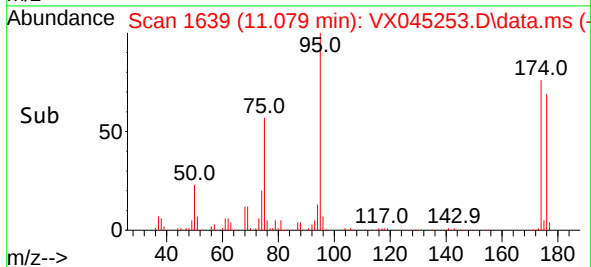
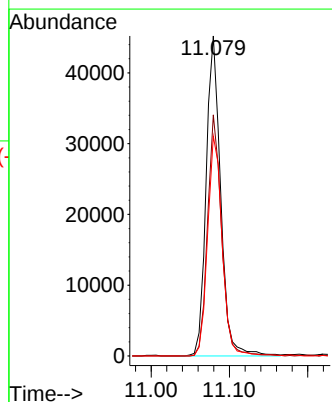
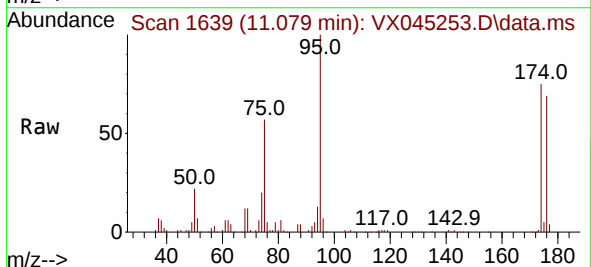
Instrument :
MSVOA_X
ClientSampleId :
TAPIAL3-MW03D-031025-00-T1

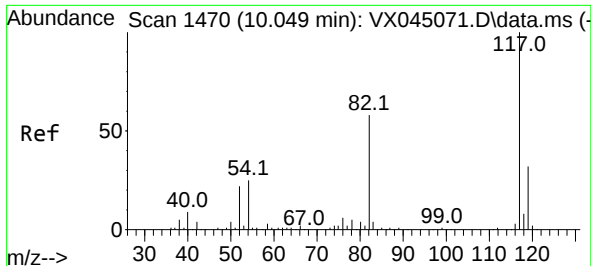
Tgt Ion: 98 Resp: 164036
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.912 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045253.D
Acq: 12 Mar 2025 16:55

Tgt Ion: 95 Resp: 58034
Ion Ratio Lower Upper
95 100
174 72.9 0.0 148.2
176 69.1 0.0 141.4

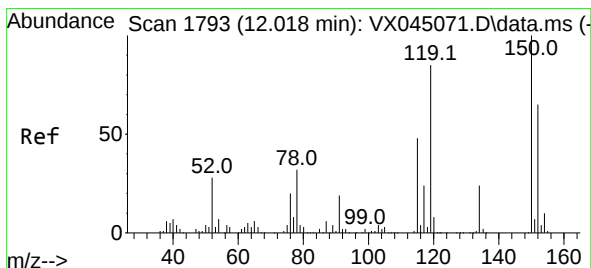
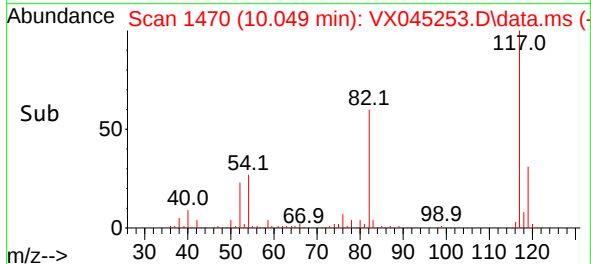
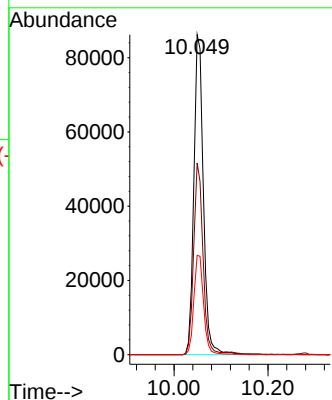
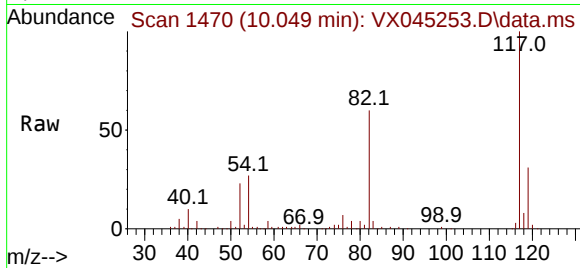




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045253.D
Acq: 12 Mar 2025 16:55

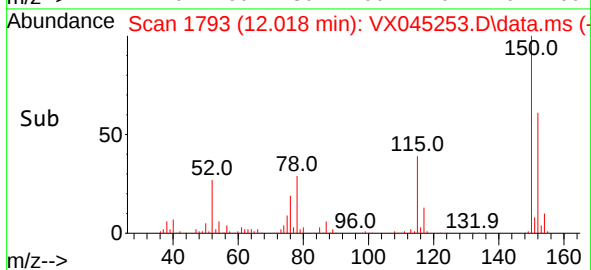
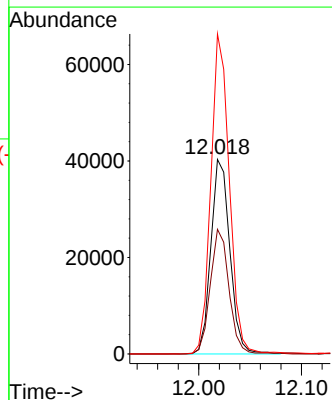
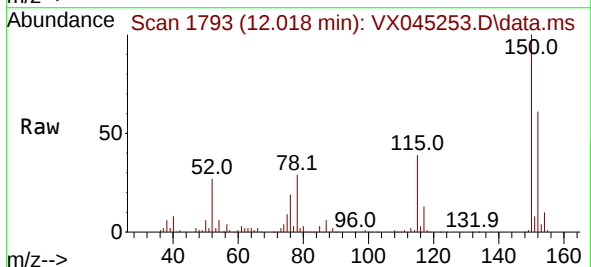
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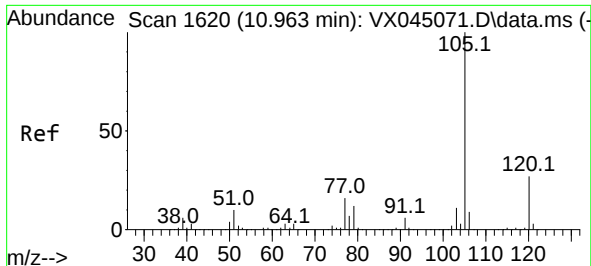
Tgt Ion:117 Resp: 122481
Ion Ratio Lower Upper
117 100
82 59.9 46.3 69.5
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045253.D
Acq: 12 Mar 2025 16:55

Tgt Ion:152 Resp: 51784
Ion Ratio Lower Upper
152 100
115 63.4 44.2 132.6
150 160.1 0.0 349.0

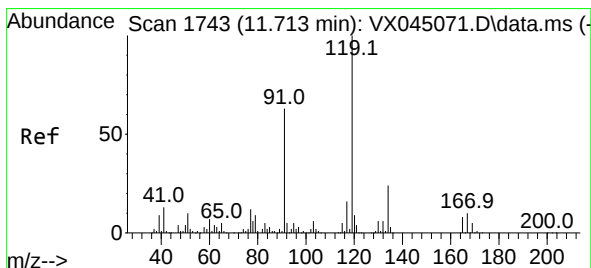
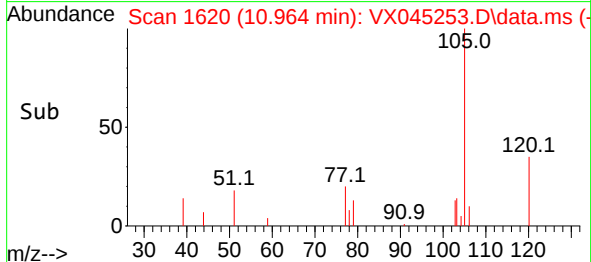
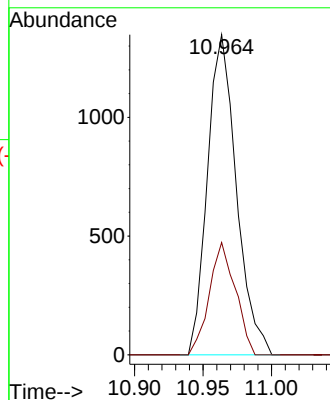
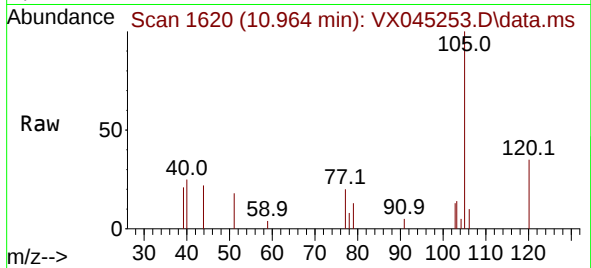




#73
Isopropylbenzene
Concen: 0.490 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX045253.D
Acq: 12 Mar 2025 16:55

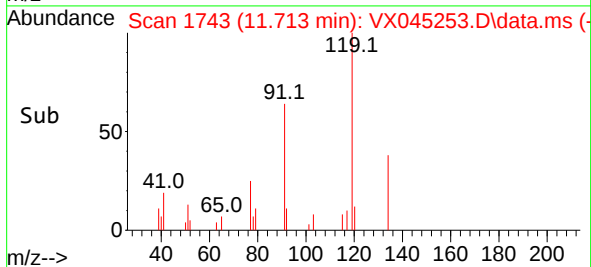
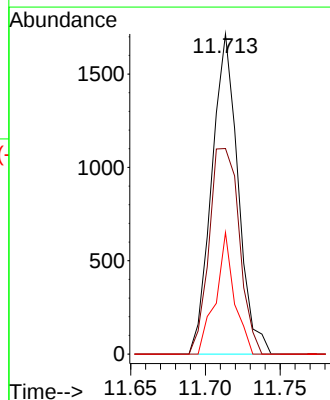
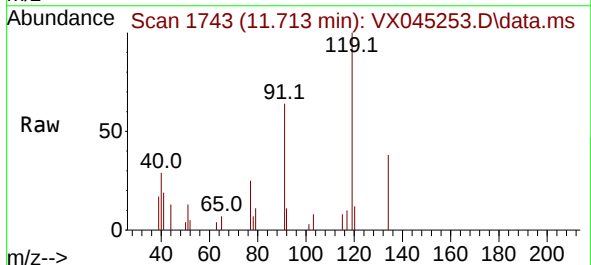
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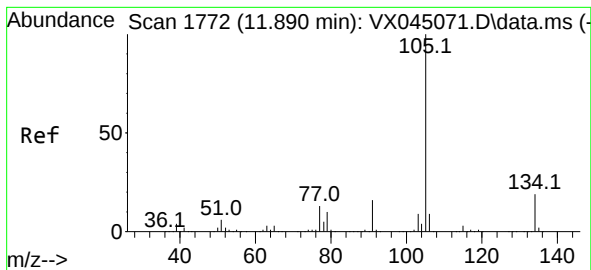
Tgt Ion:105 Resp: 1980
Ion Ratio Lower Upper
105 100
120 31.6 13.2 39.5



#83
tert-Butylbenzene
Concen: 0.624 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045253.D
Acq: 12 Mar 2025 16:55

Tgt Ion:119 Resp: 2097
Ion Ratio Lower Upper
119 100
91 73.6 30.7 92.1
134 26.8 11.7 35.0





#85

sec-Butylbenzene

Concen: 3.416 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045253.D

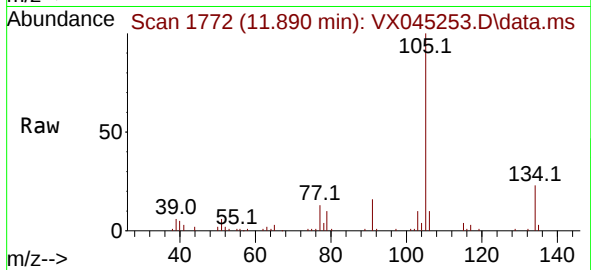
Acq: 12 Mar 2025 16:55

Instrument :

MSVOA_X

ClientSampleId :

TAPIAL3-MW03D-031025-00-T1



Tgt Ion:105 Resp: 13740

Ion Ratio Lower Upper

105 100

134 23.1 9.8 29.4

