

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046195.D
 Acq On : 14 May 2025 15:32
 Operator : JC/MD
 Sample : Q2033-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-WTS-08

Quant Time: May 15 01:24:19 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)

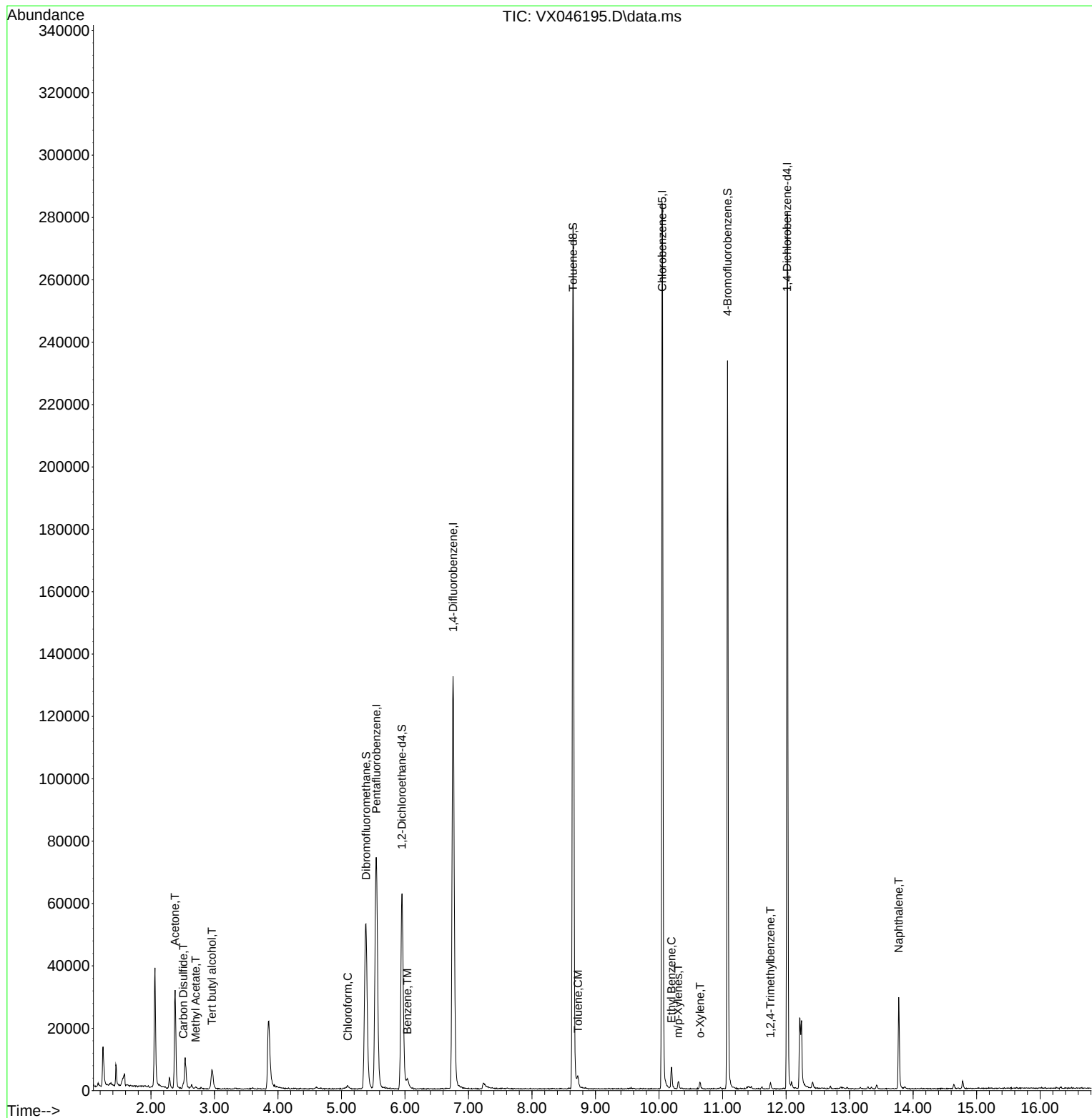
Internal Standards						
1) Pentafluorobenzene	5.550	168	64370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127208	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63366	52.802	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.600%
35) Dibromofluoromethane	5.385	113	47460	51.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.620%
50) Toluene-d8	8.647	98	159540	50.320	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.640%
62) 4-Bromofluorobenzene	11.079	95	60625	49.849	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.700%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	6627	39.340	ug/l	97
16) Acetone	2.380	43	34701	72.118	ug/l	99
17) Carbon Disulfide	2.508	76	1628	0.900	ug/l	97
18) Methyl Acetate	2.703	43	819	0.734	ug/l #	62
30) Chloroform	5.099	83	1315	0.804	ug/l	99
40) Benzene	6.037	78	3443	0.955	ug/l	94
52) Toluene	8.726	92	1350	0.611	ug/l	98
67) Ethyl Benzene	10.195	91	4372	0.955	ug/l	93
68) m/p-Xylenes	10.299	106	785	0.469	ug/l	93
69) o-Xylene	10.646	106	549	0.336	ug/l	78
84) 1,2,4-Trimethylbenzene	11.756	105	1098	0.330	ug/l	95
95) Naphthalene	13.774	128	18840	5.343	ug/l	98

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

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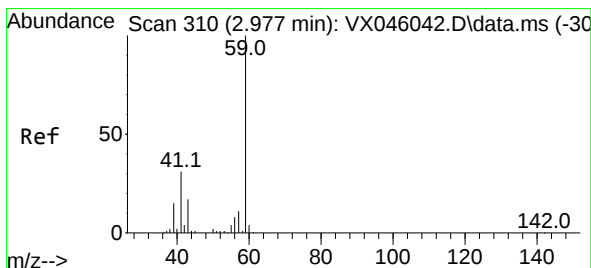
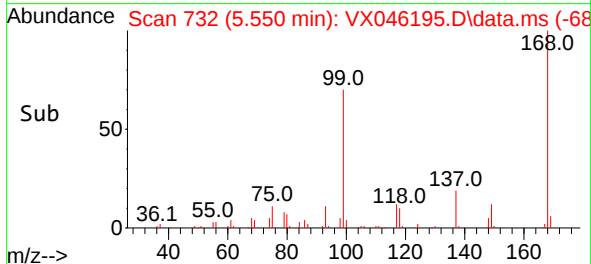
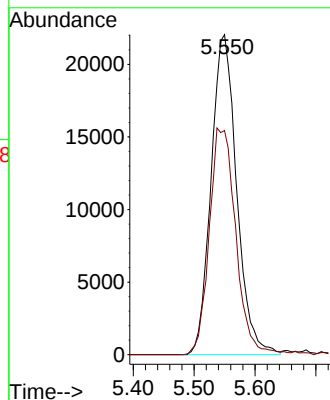
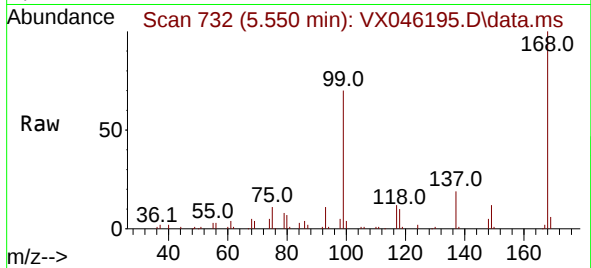




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

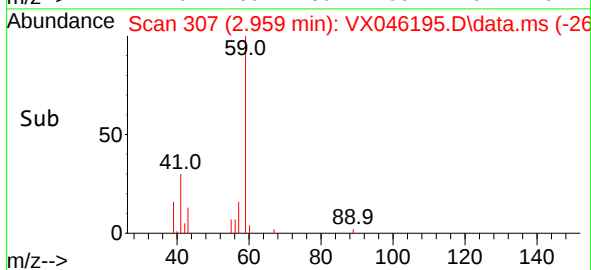
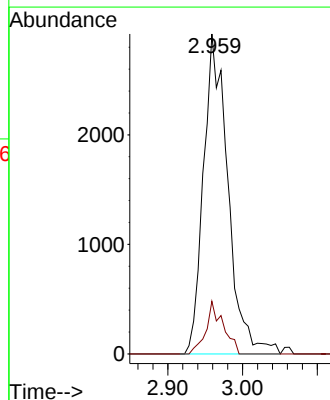
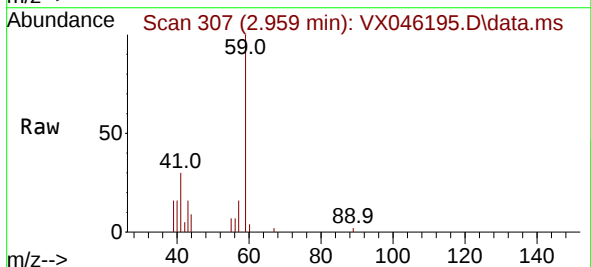
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-08

Tgt Ion:168 Resp: 64370
Ion Ratio Lower Upper
168 100
99 70.1 54.9 82.3



#11
Tert butyl alcohol
Concen: 39.340 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

Tgt Ion: 59 Resp: 6627
Ion Ratio Lower Upper
59 100
57 11.6 8.6 12.8

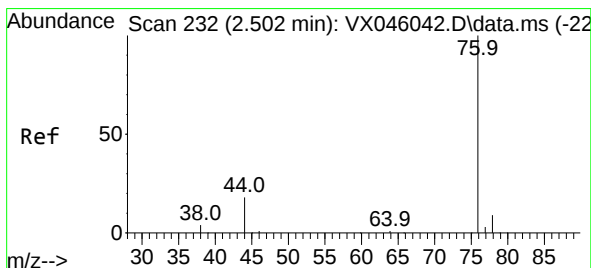
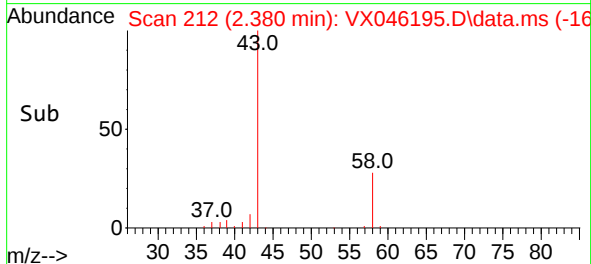
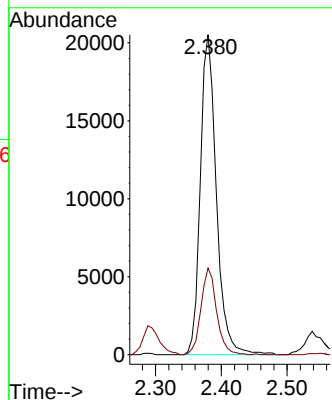
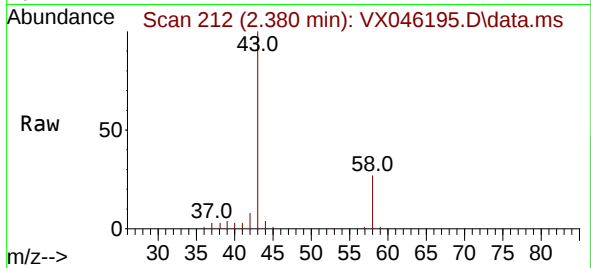




#16
Acetone
Concen: 72.118 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

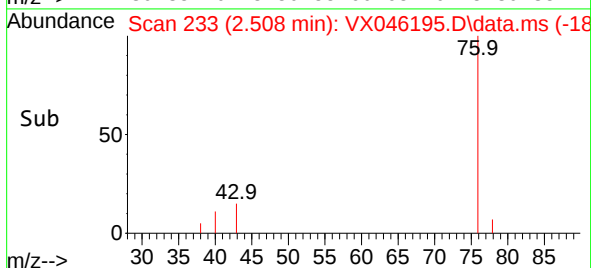
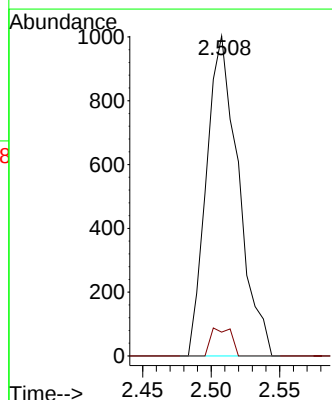
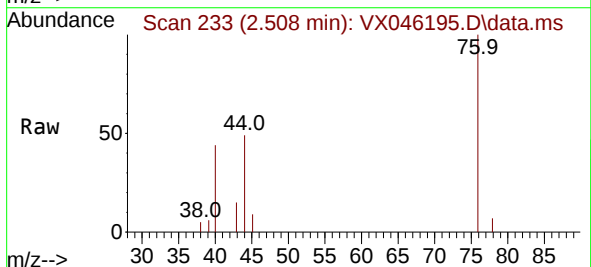
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-08

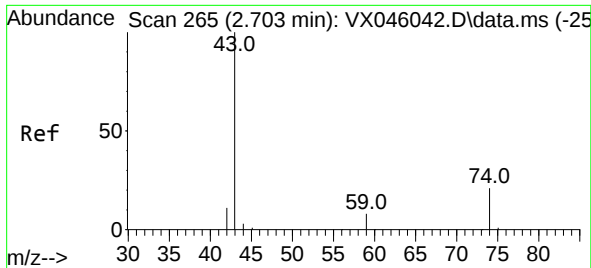
Tgt Ion: 43 Resp: 34701
Ion Ratio Lower Upper
43 100
58 27.0 21.2 31.8



#17
Carbon Disulfide
Concen: 0.900 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

Tgt Ion: 76 Resp: 1628
Ion Ratio Lower Upper
76 100
78 7.5 7.0 10.4

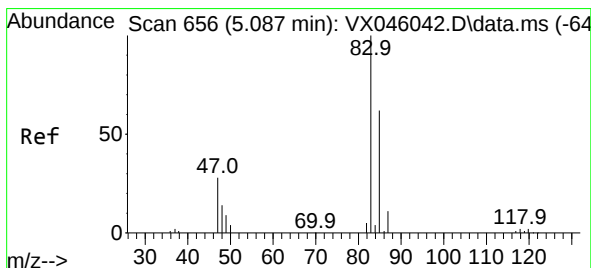
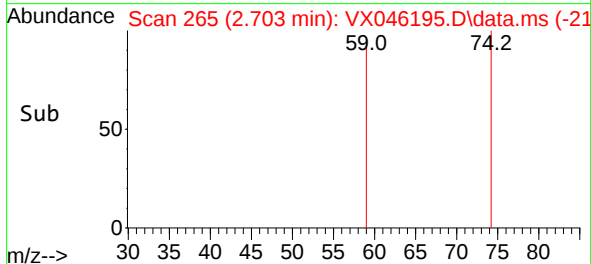
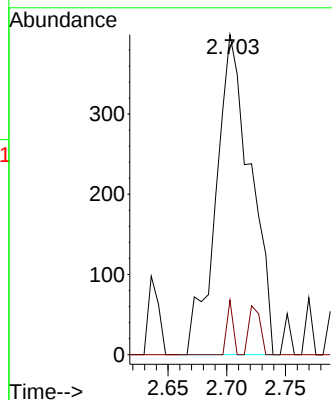
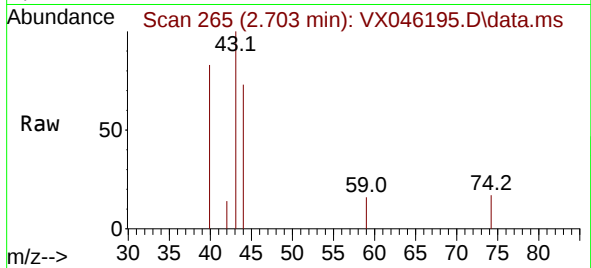




#18
Methyl Acetate
Concen: 0.734 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

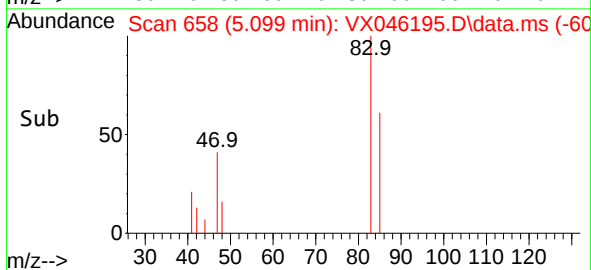
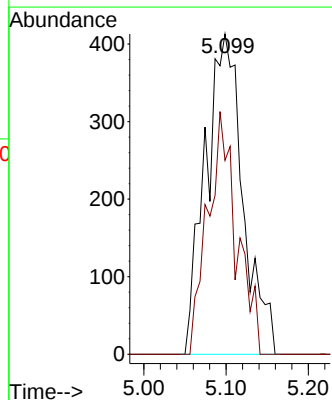
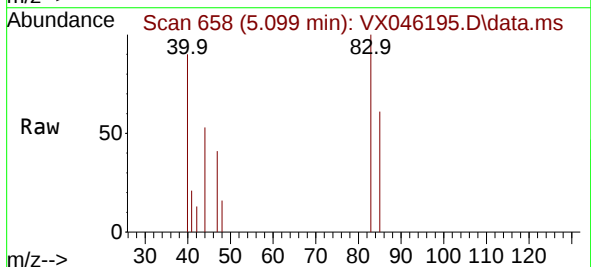
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-08

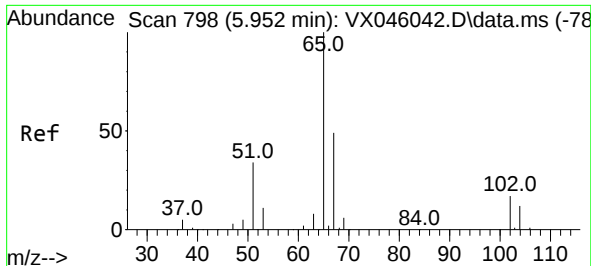
Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
74 3.1 16.7 25.1#



#30
Chloroform
Concen: 0.804 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

Tgt Ion: 83 Resp: 1315
Ion Ratio Lower Upper
83 100
85 60.5 49.3 73.9





#33

1,2-Dichloroethane-d4

Concen: 52.802 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046195.D

Acq: 14 May 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

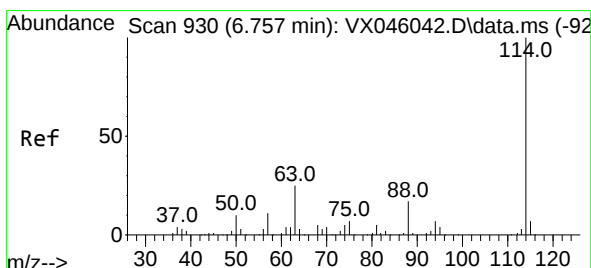
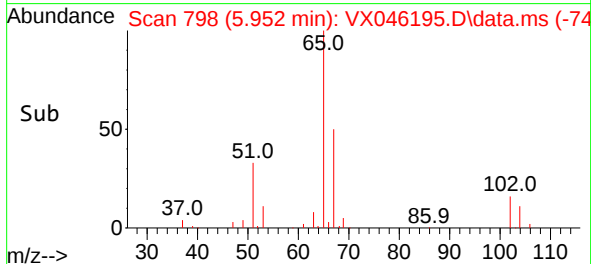
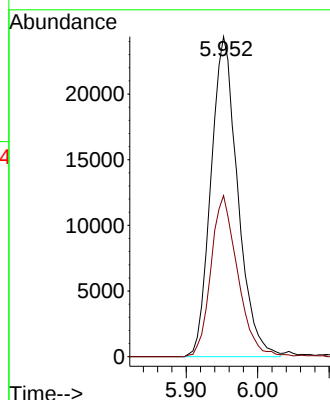
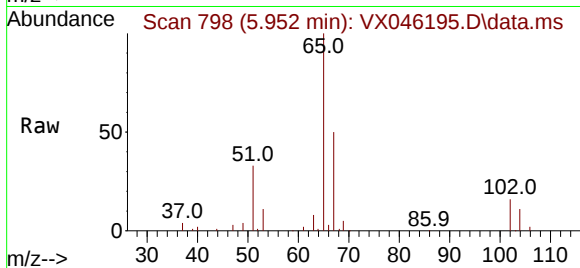
TW-WTS-08

Tgt Ion: 65 Resp: 63366

Ion Ratio Lower Upper

65 100

67 50.3 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: VX046195.D

Acq: 14 May 2025 15:32

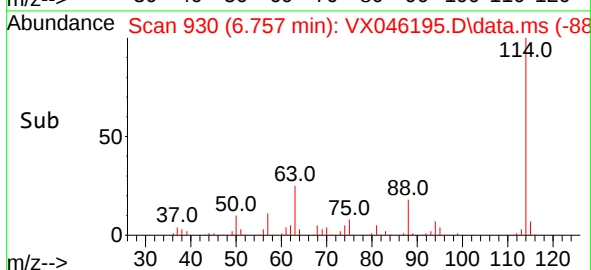
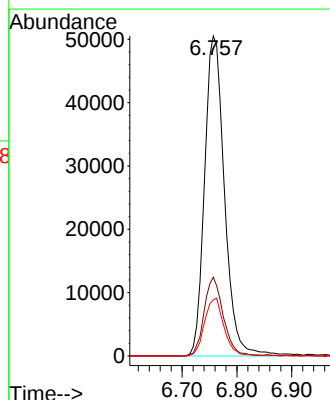
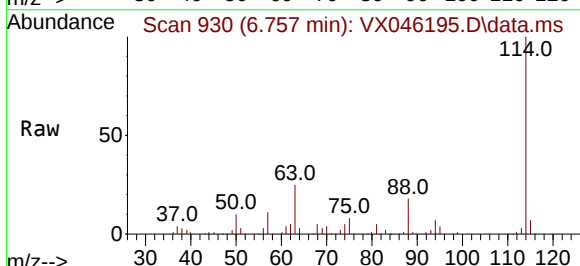
Tgt Ion: 114 Resp: 127208

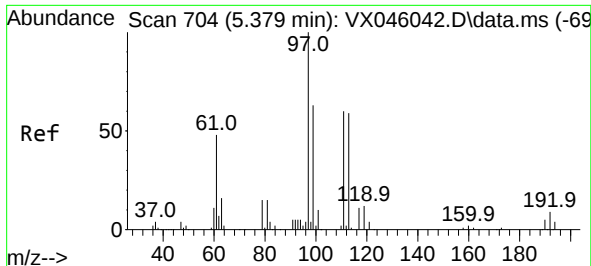
Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

88 17.5 0.0 33.6

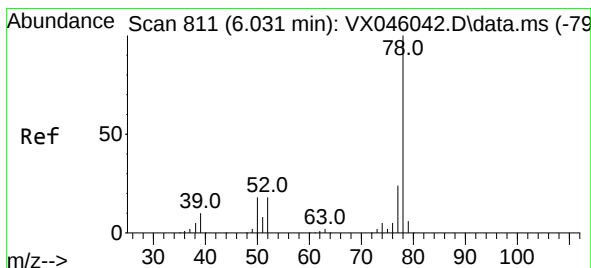
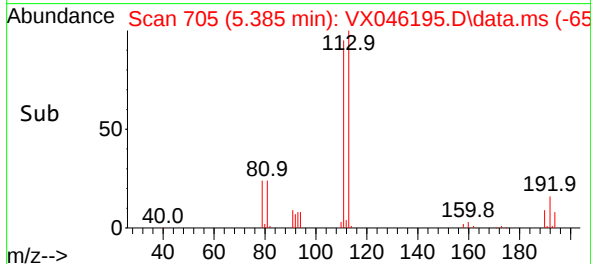
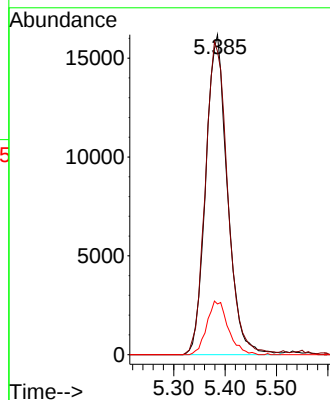
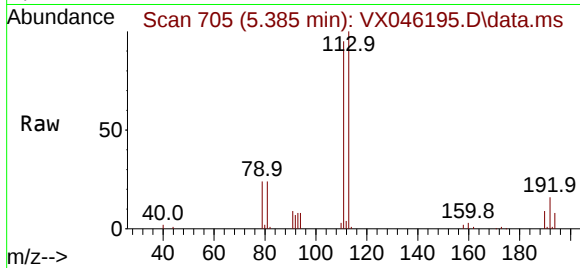




#35
Dibromofluoromethane
Concen: 51.810 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

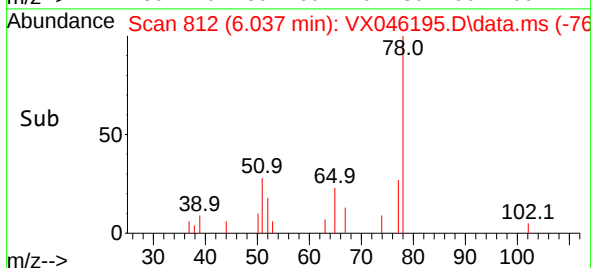
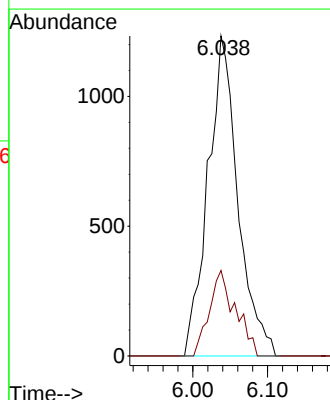
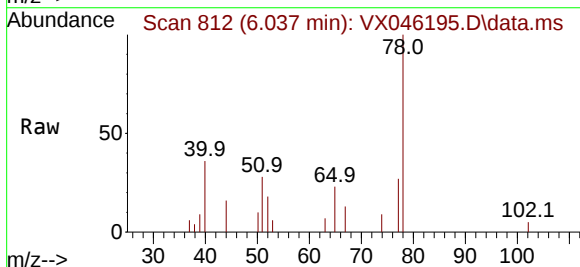
Instrument :
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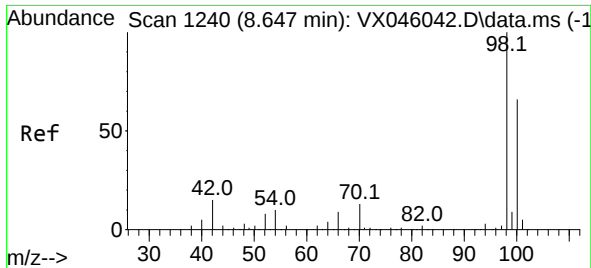
Tgt Ion:113 Resp: 47460
Ion Ratio Lower Upper
113 100
111 100.9 83.1 124.7
192 16.5 13.3 19.9



#40
Benzene
Concen: 0.955 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

Tgt Ion: 78 Resp: 3443
Ion Ratio Lower Upper
78 100
77 26.7 19.0 28.4

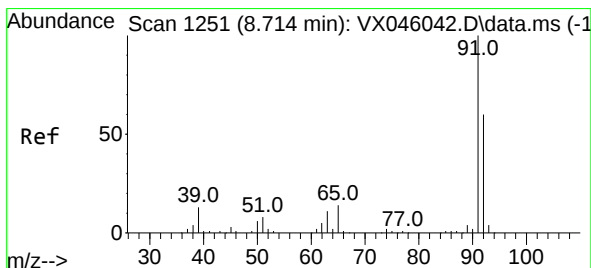
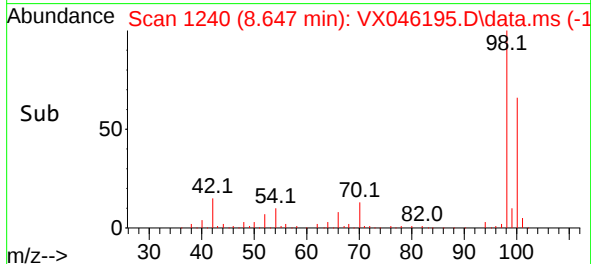
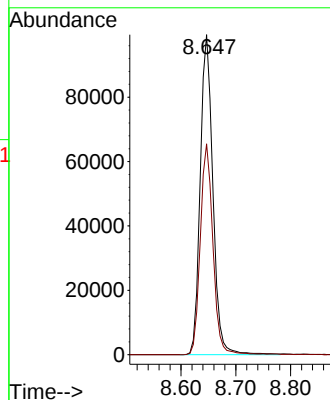
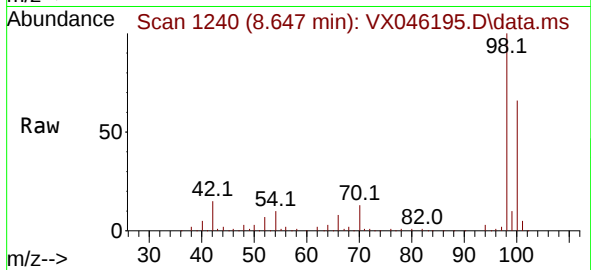




#50
Toluene-d8
Concen: 50.320 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

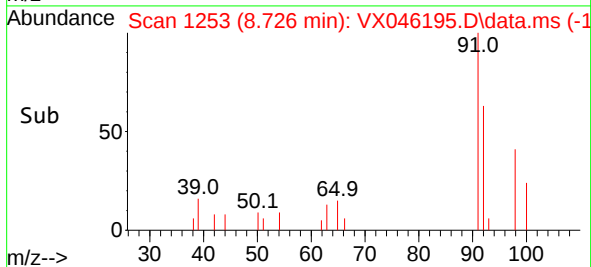
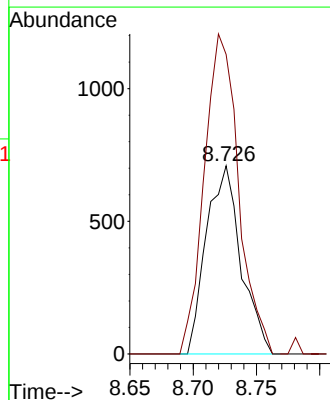
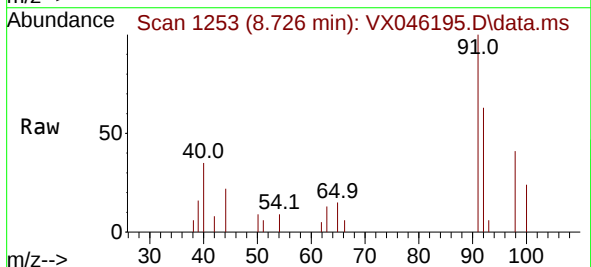
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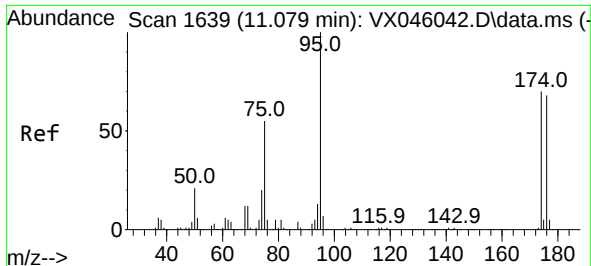
Tgt Ion: 98 Resp: 159540
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3



#52
Toluene
Concen: 0.611 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

Tgt Ion: 92 Resp: 1350
Ion Ratio Lower Upper
92 100
91 168.6 136.6 205.0

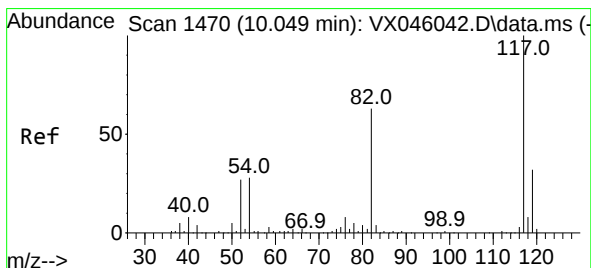
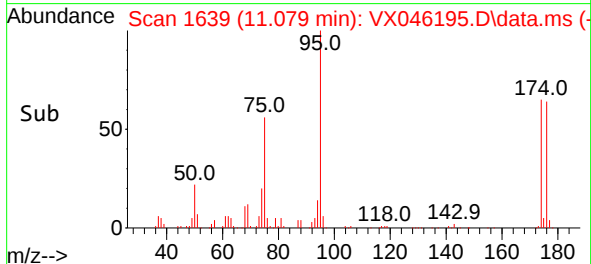
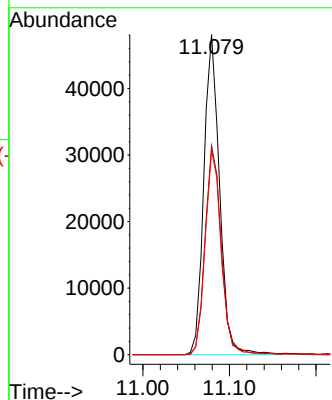
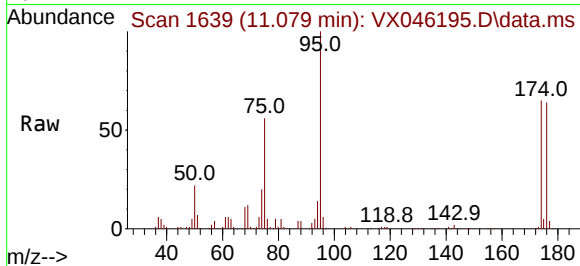




#62
4-Bromofluorobenzene
Concen: 49.849 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

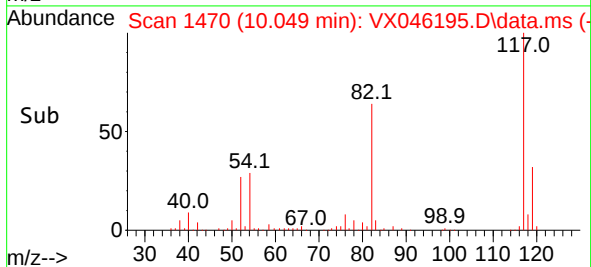
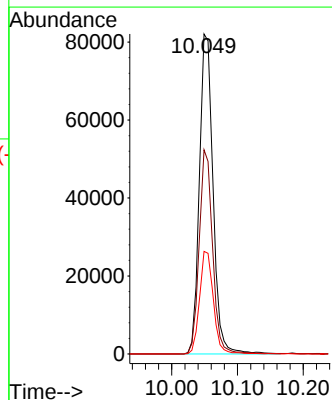
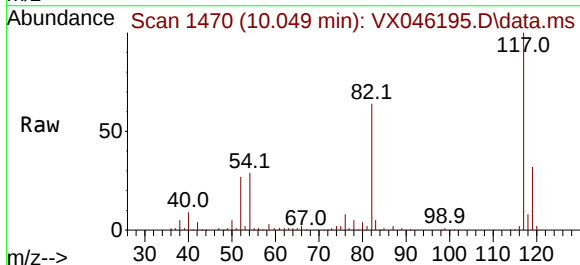
Instrument :
MSVOA_X
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TW-WTS-08

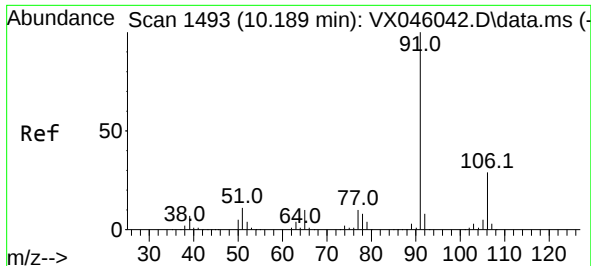
Tgt Ion: 95 Resp: 60625
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.8
176 65.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

Tgt Ion: 117 Resp: 118657
Ion Ratio Lower Upper
117 100
82 63.8 50.6 76.0
119 32.1 25.8 38.6





#67

Ethyl Benzene

Concen: 0.955 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046195.D

Acq: 14 May 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

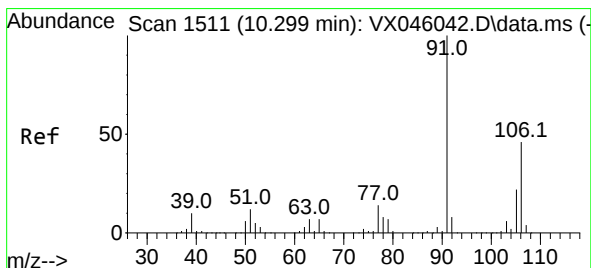
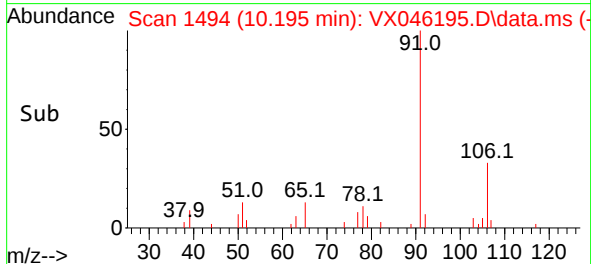
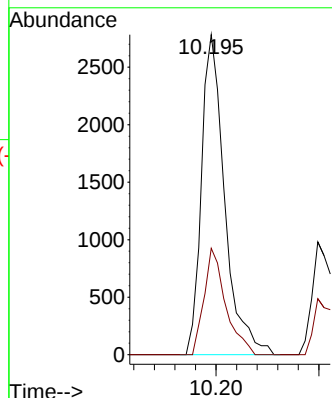
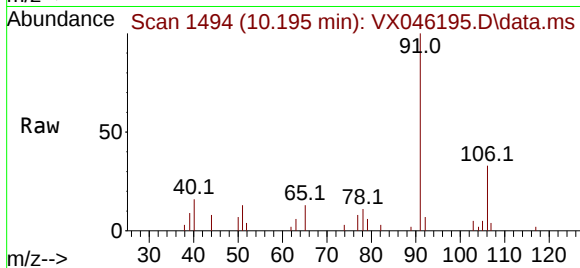
TW-WTS-08

Tgt Ion: 91 Resp: 4372

Ion Ratio Lower Upper

91 100

106 33.3 23.4 35.2



#68

m/p-Xylenes

Concen: 0.469 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046195.D

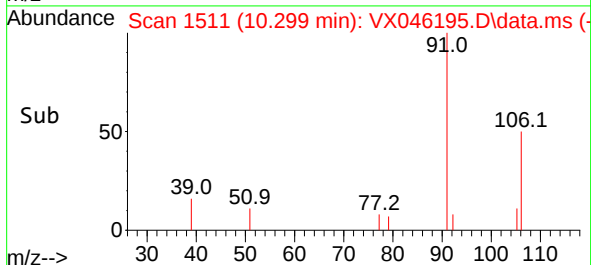
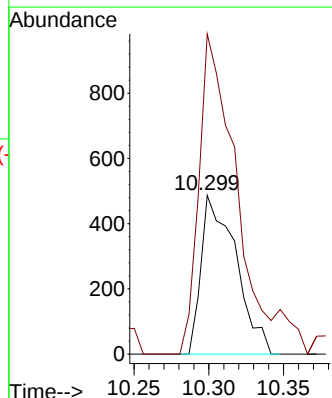
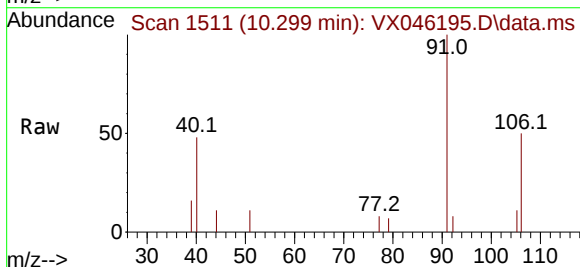
Acq: 14 May 2025 15:32

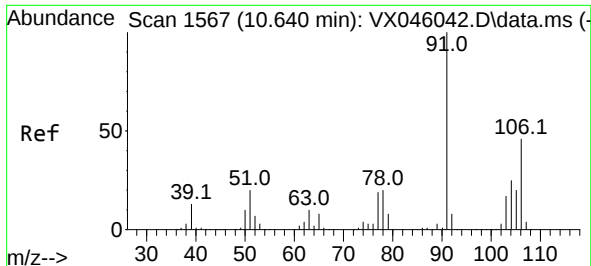
Tgt Ion: 106 Resp: 785

Ion Ratio Lower Upper

106 100

91 225.0 171.2 256.8

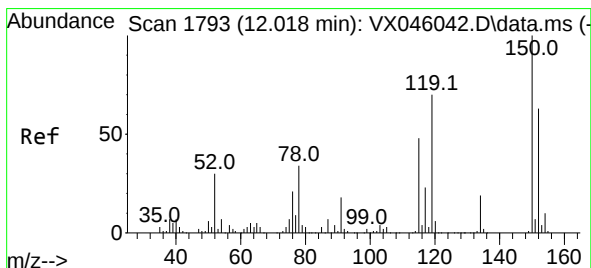
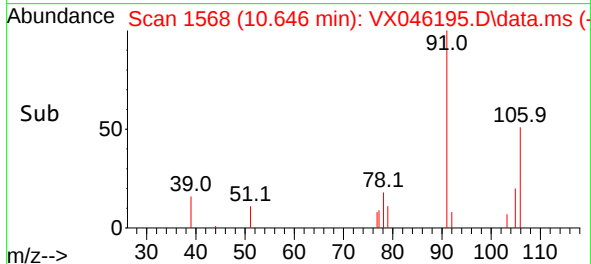
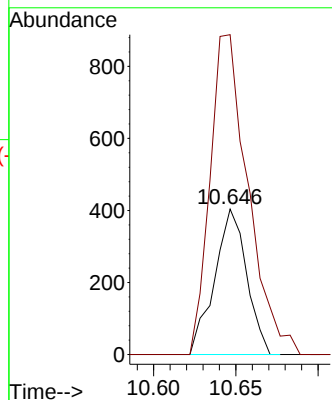
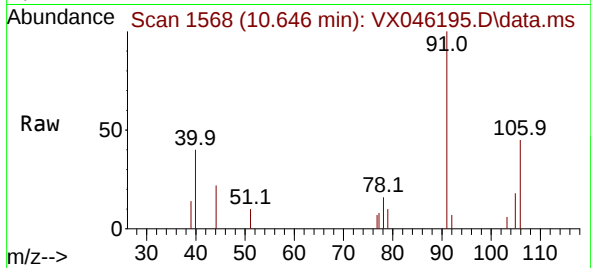




#69
o-Xylene
Concen: 0.336 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

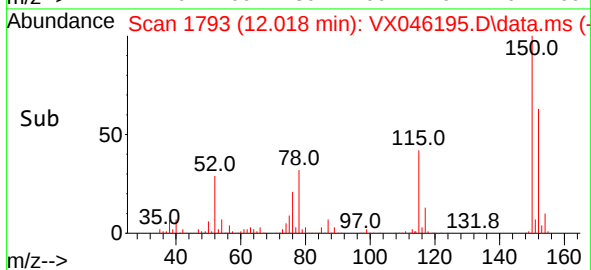
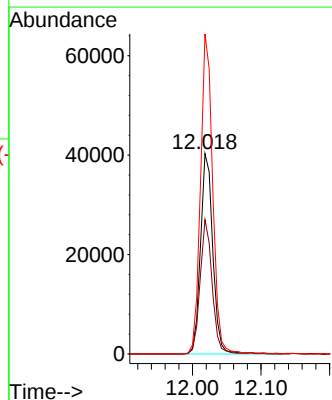
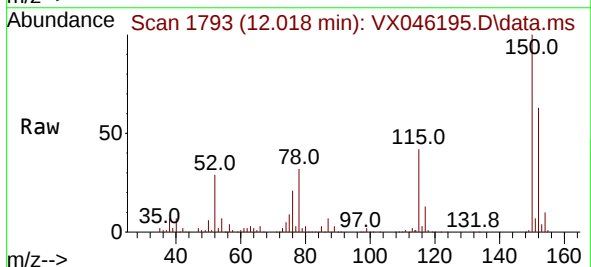
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-08

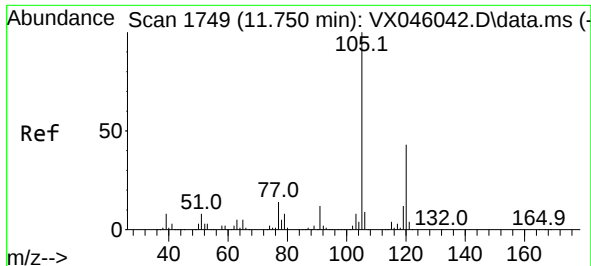
Tgt Ion:106 Resp: 549
Ion Ratio Lower Upper
106 100
91 260.7 112.7 338.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

Tgt Ion:152 Resp: 50566
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 157.7 0.0 351.0

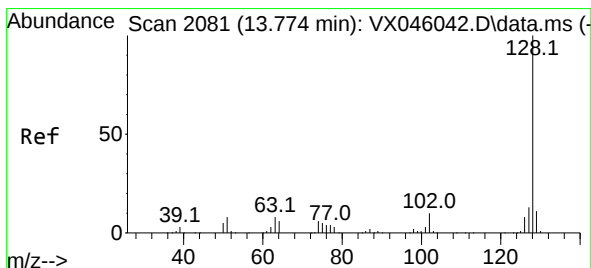
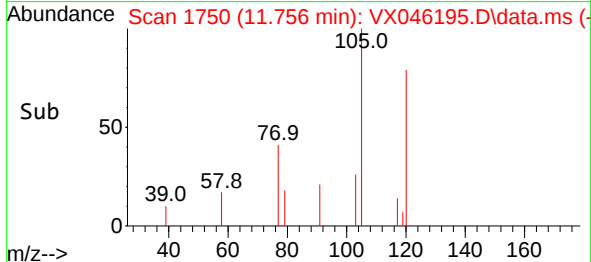
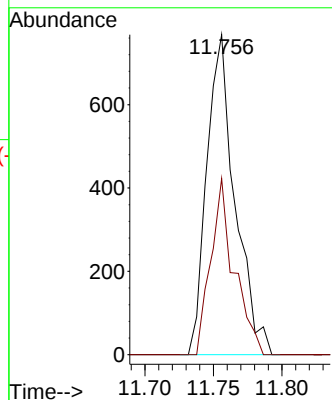
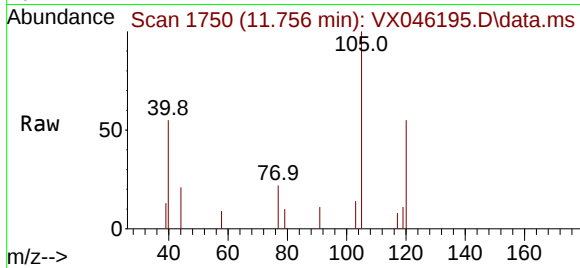




#84
1,2,4-Trimethylbenzene
Concen: 0.330 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-08

Tgt Ion:105 Resp: 1098
Ion Ratio Lower Upper
105 100
120 45.6 21.2 63.6



#95
Naphthalene
Concen: 5.343 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046195.D
Acq: 14 May 2025 15:32

Tgt Ion:128 Resp: 18840
Ion Ratio Lower Upper
128 100
127 11.8 10.4 15.6
129 11.1 8.6 13.0

