

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046350.D
 Acq On : 23 May 2025 17:12
 Operator : JC/MD
 Sample : Q2106-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-WTS-09

Quant Time: May 23 23:05:08 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)

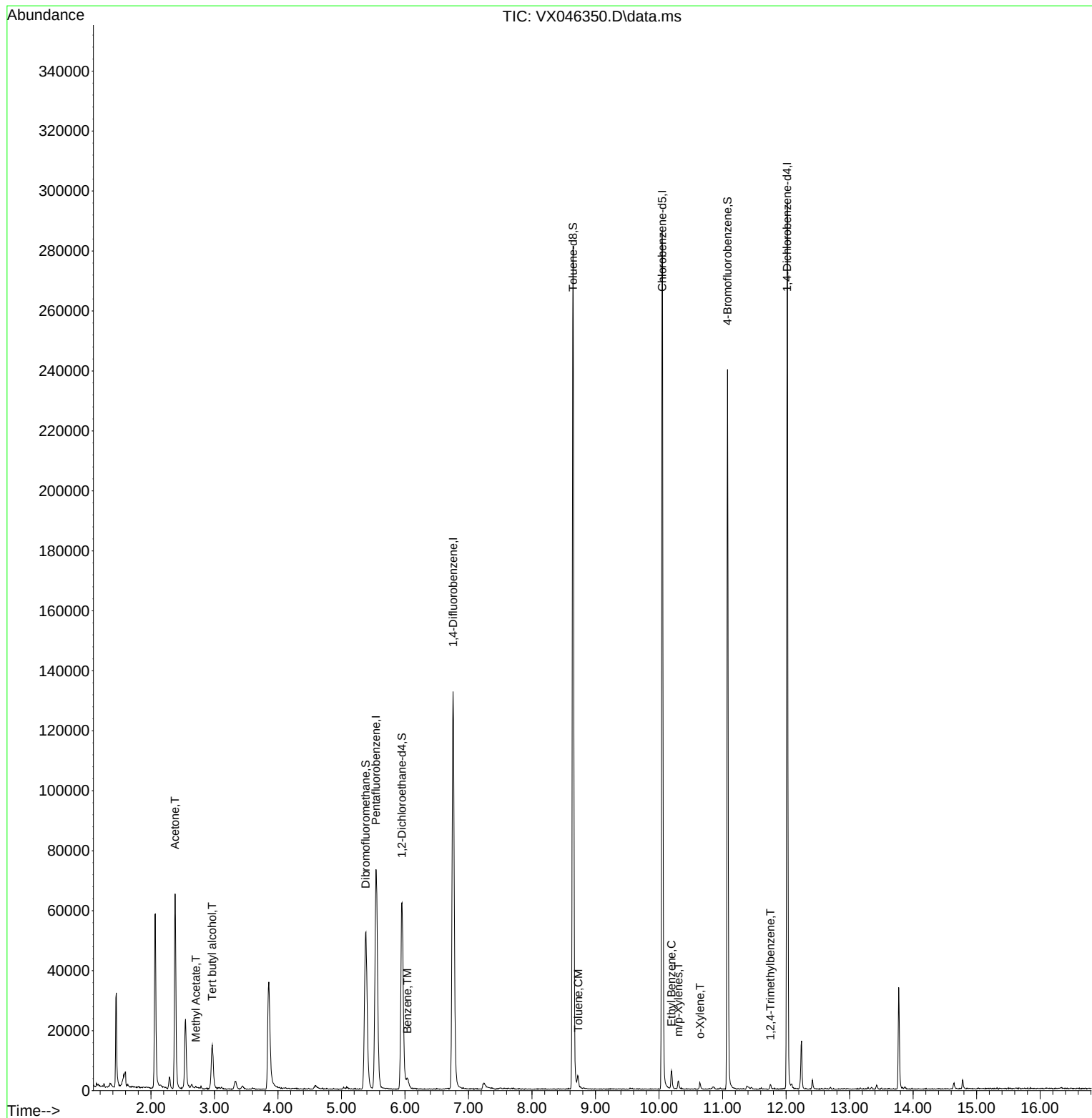
Internal Standards						
1) Pentafluorobenzene	5.544	168	61490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64289	56.080	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.160%			
35) Dibromofluoromethane	5.379	113	46813	52.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.040%			
50) Toluene-d8	8.647	98	156749	50.325	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.079	95	63161	52.864	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.720%			
Target Compounds						
11) Tert butyl alcohol	2.965	59	15443	95.969	ug/l	97
16) Acetone	2.380	43	70275	152.891	ug/l	99
18) Methyl Acetate	2.709	43	1181	1.107	ug/l #	88
40) Benzene	6.037	78	4042	1.141	ug/l	98
52) Toluene	8.726	92	1555	0.716	ug/l	98
67) Ethyl Benzene	10.195	91	3981	0.866	ug/l	92
68) m/p-Xylenes	10.305	106	885	0.526	ug/l	92
69) o-Xylene	10.646	106	559	0.341	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	1049	0.301	ug/l	92

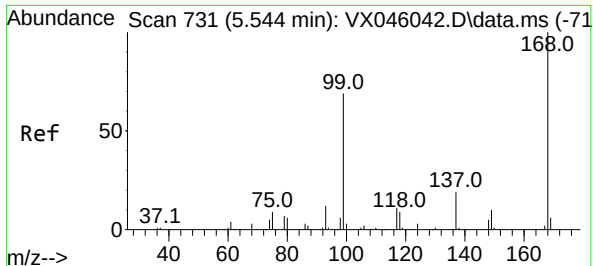
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 23 23:05:08 2025
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Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

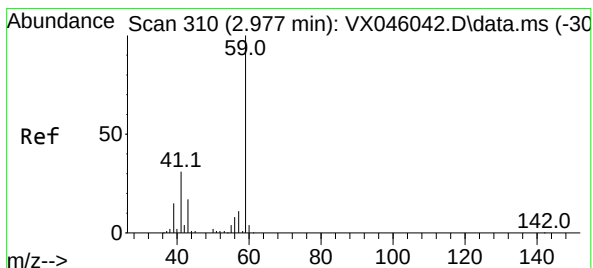
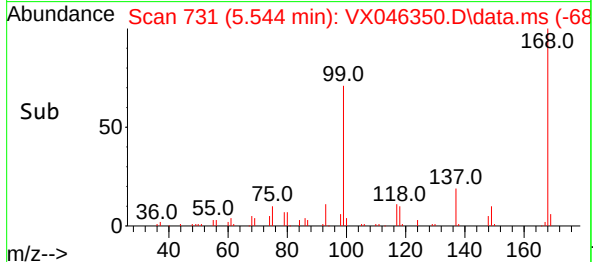
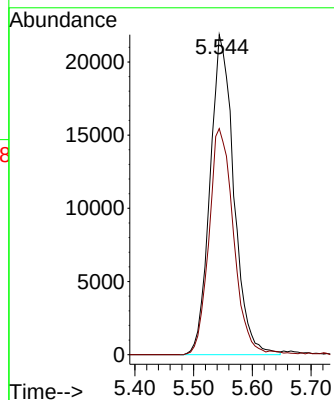
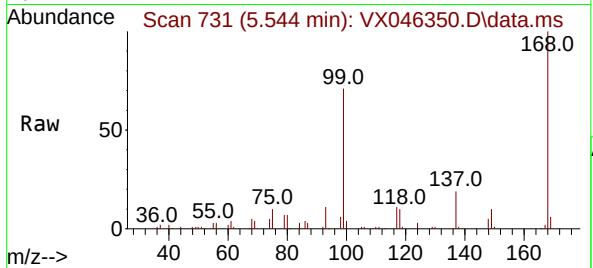




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046350.D
Acq: 23 May 2025 17:12

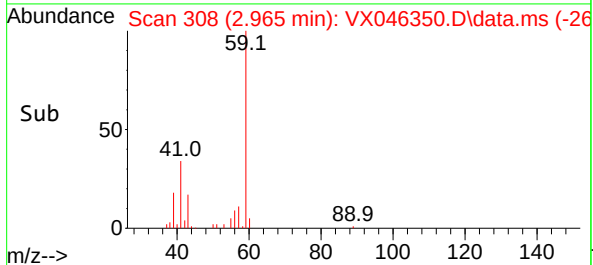
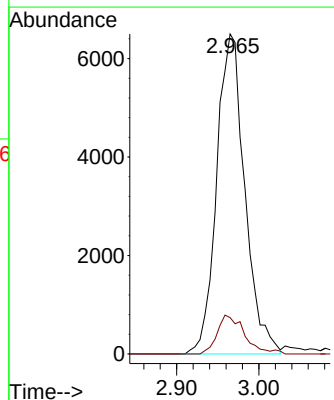
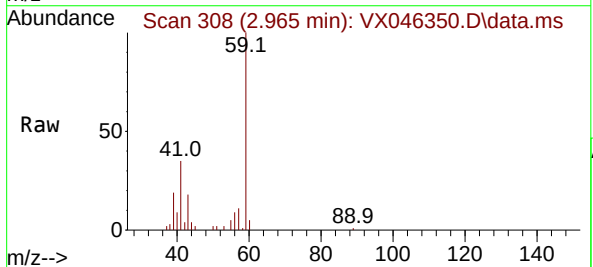
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-09

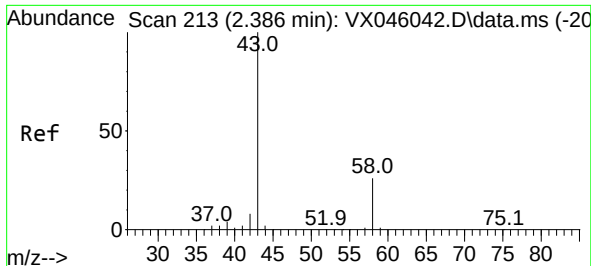
Tgt Ion:168 Resp: 61490
Ion Ratio Lower Upper
168 100
99 70.7 54.9 82.3



#11
Tert butyl alcohol
Concen: 95.969 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046350.D
Acq: 23 May 2025 17:12

Tgt Ion: 59 Resp: 15443
Ion Ratio Lower Upper
59 100
57 11.9 8.6 12.8

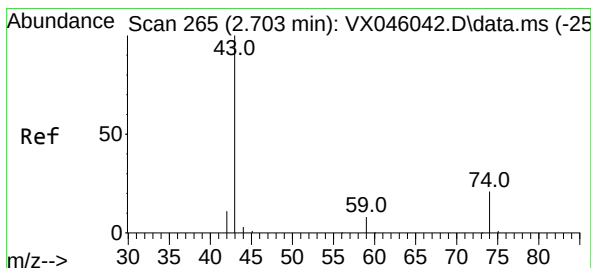
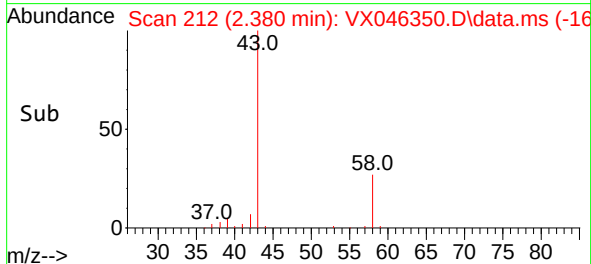
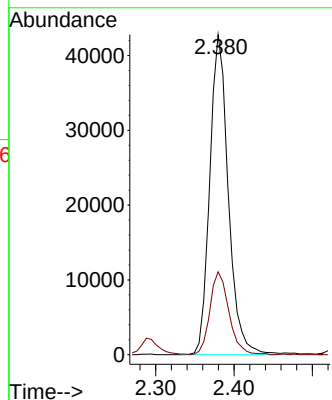
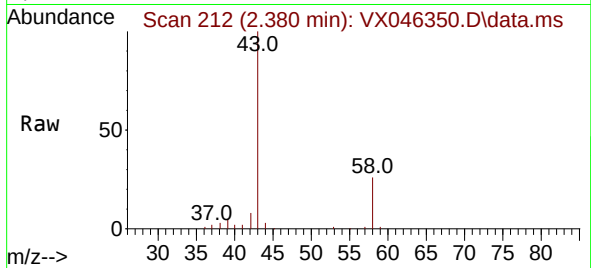




#16
Acetone
Concen: 152.891 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046350.D
Acq: 23 May 2025 17:12

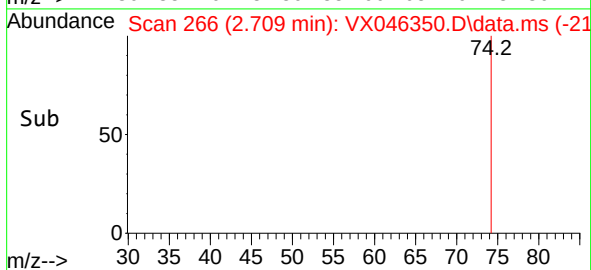
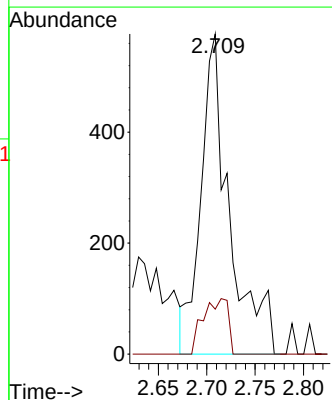
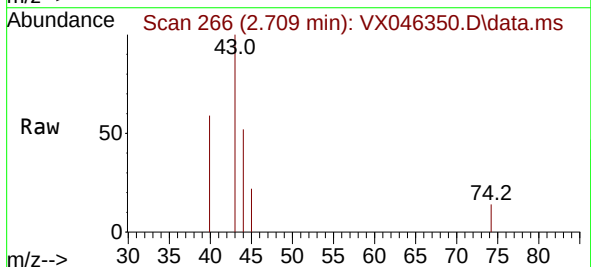
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-09

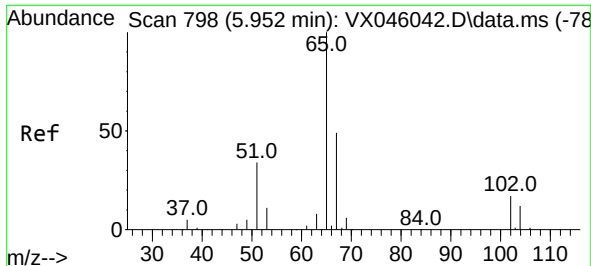
Tgt Ion: 43 Resp: 70275
Ion Ratio Lower Upper
43 100
58 25.7 21.2 31.8



#18
Methyl Acetate
Concen: 1.107 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046350.D
Acq: 23 May 2025 17:12

Tgt Ion: 43 Resp: 1181
Ion Ratio Lower Upper
43 100
74 15.2 16.7 25.1#

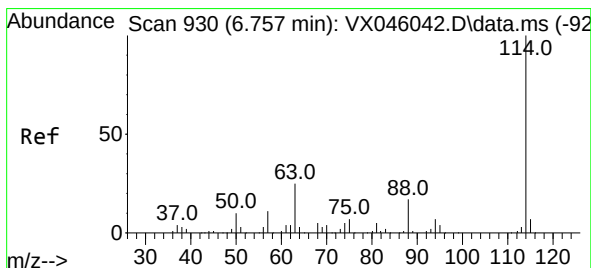
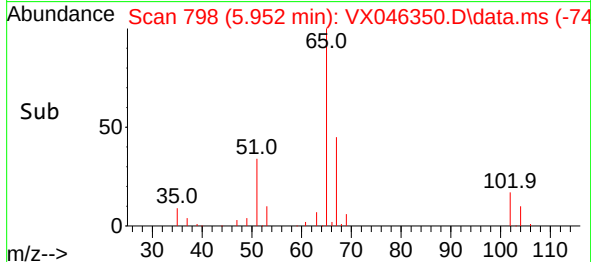
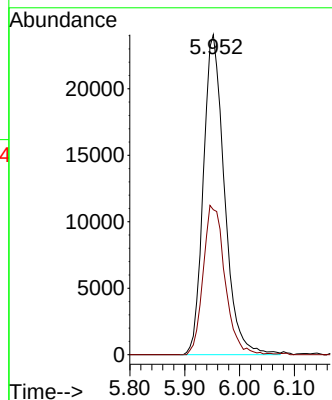
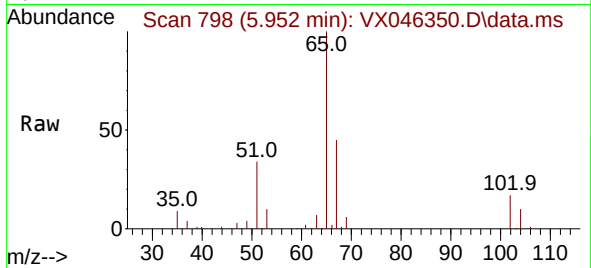




#33
 1,2-Dichloroethane-d4
 Concen: 56.080 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046350.D
 Acq: 23 May 2025 17:12

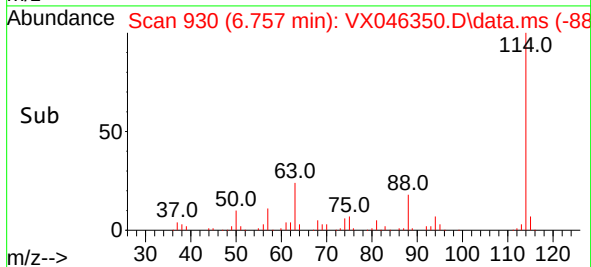
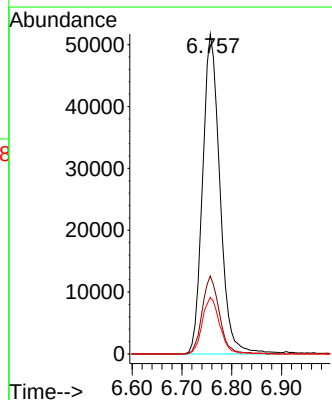
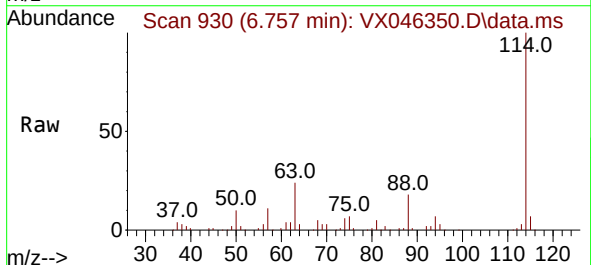
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-WTS-09

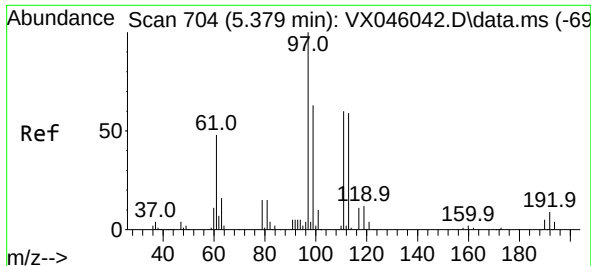
Tgt Ion: 65 Resp: 64289
 Ion Ratio Lower Upper
 65 100
 67 48.2 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046350.D
 Acq: 23 May 2025 17:12

Tgt Ion: 114 Resp: 124971
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 17.7 0.0 33.6

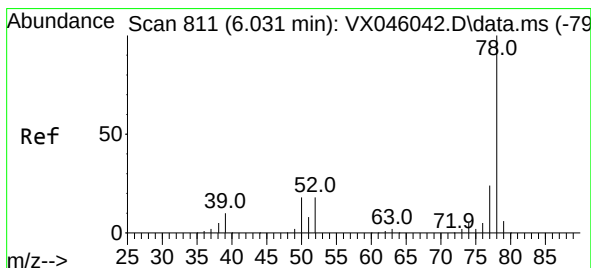
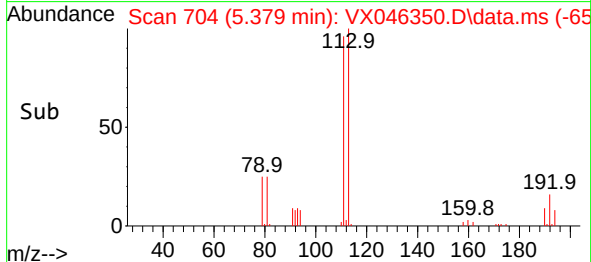
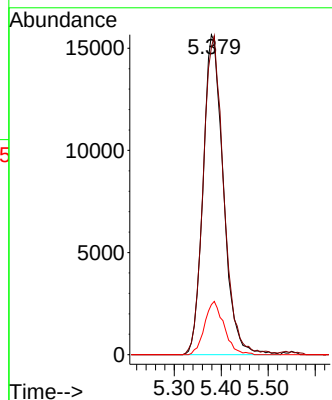
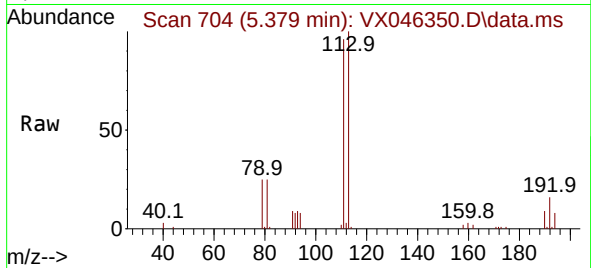




#35
Dibromofluoromethane
Concen: 52.019 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046350.D
Acq: 23 May 2025 17:12

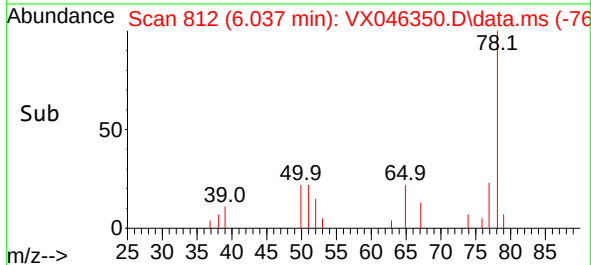
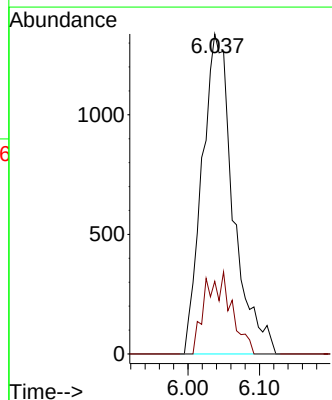
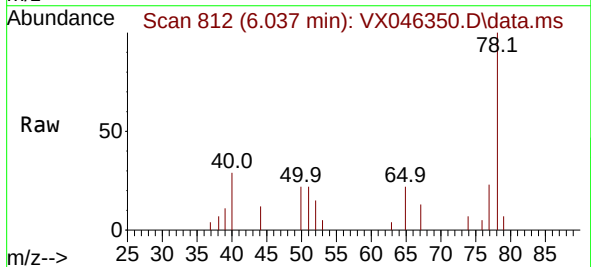
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-09

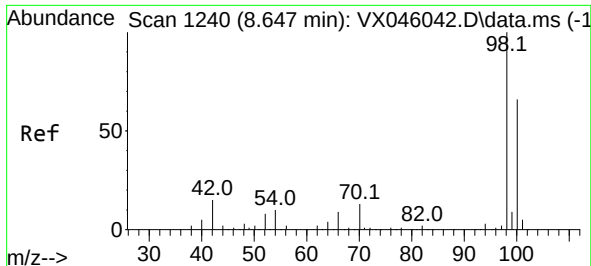
Tgt Ion:113 Resp: 46813
Ion Ratio Lower Upper
113 100
111 100.5 83.1 124.7
192 16.1 13.3 19.9



#40
Benzene
Concen: 1.141 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046350.D
Acq: 23 May 2025 17:12

Tgt Ion: 78 Resp: 4042
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4

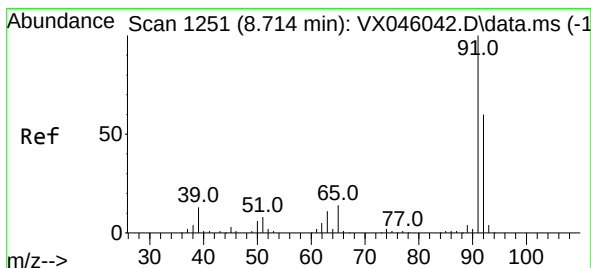
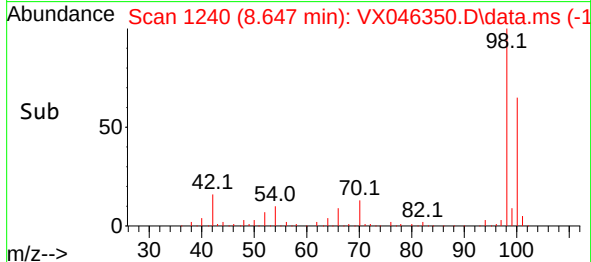
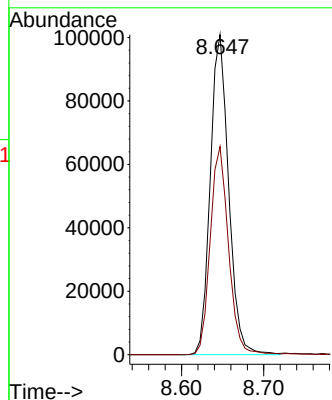
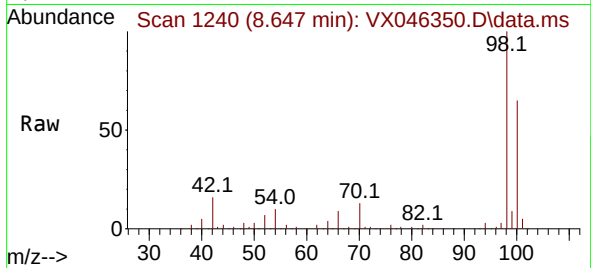




#50
Toluene-d8
Concen: 50.325 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046350.D
Acq: 23 May 2025 17:12

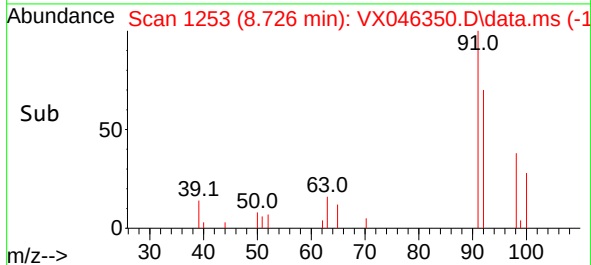
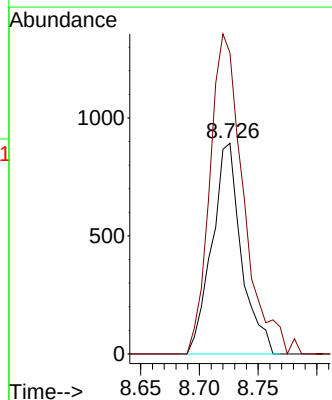
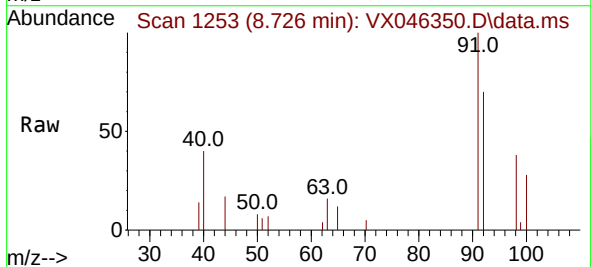
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-09

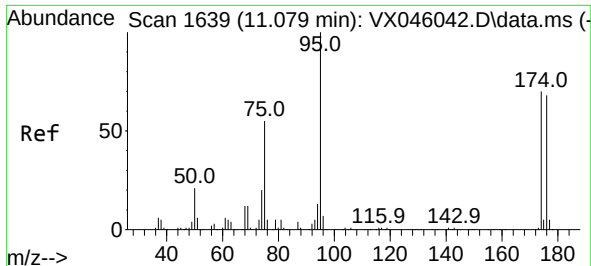
Tgt Ion: 98 Resp: 156749
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3



#52
Toluene
Concen: 0.716 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX046350.D
Acq: 23 May 2025 17:12

Tgt Ion: 92 Resp: 1555
Ion Ratio Lower Upper
92 100
91 173.8 136.6 205.0





#62

4-Bromofluorobenzene

Concen: 52.864 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046350.D

Acq: 23 May 2025 17:12

Instrument :

MSVOA_X

ClientSampleId :

TW-WTS-09

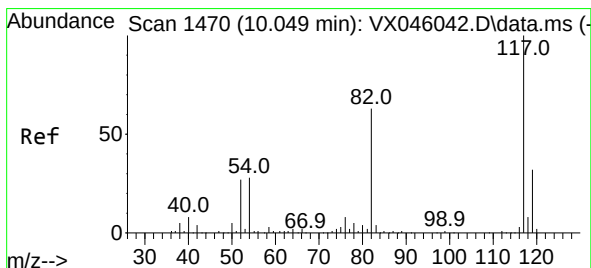
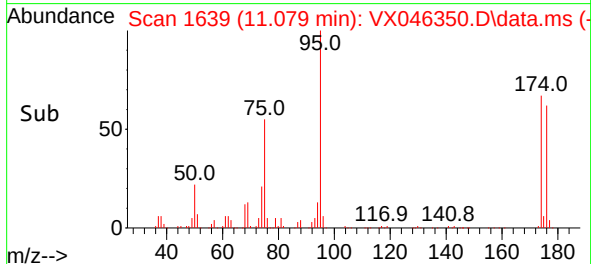
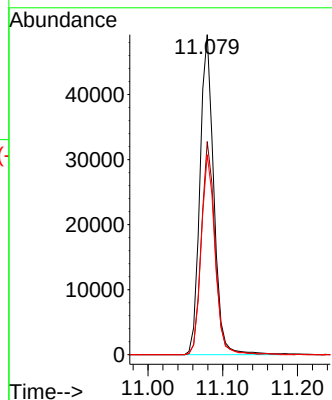
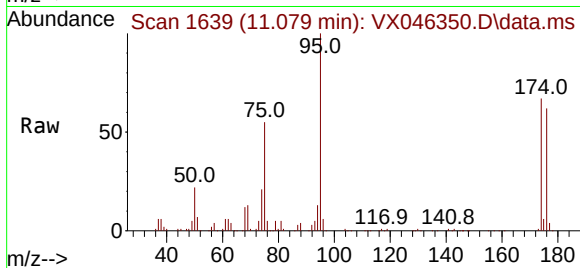
Tgt Ion: 95 Resp: 63161

Ion Ratio Lower Upper

95 100

174 66.0 0.0 135.8

176 62.5 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: VX046350.D

Acq: 23 May 2025 17:12

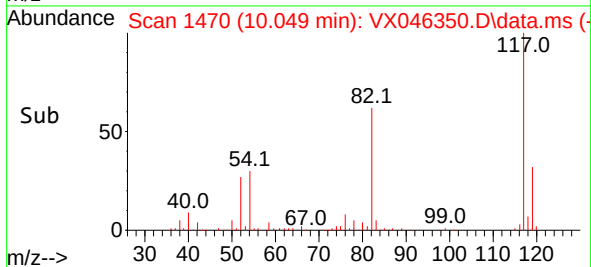
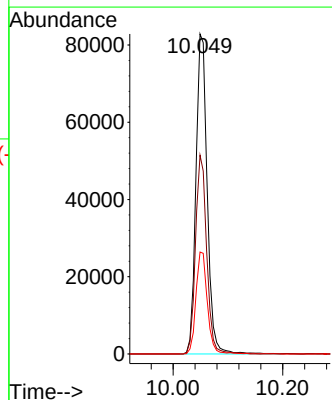
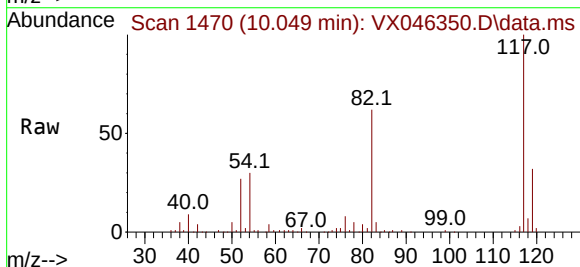
Tgt Ion: 117 Resp: 119162

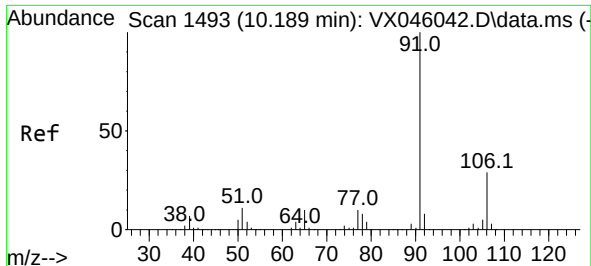
Ion Ratio Lower Upper

117 100

82 62.1 50.6 76.0

119 31.8 25.8 38.6





#67

Ethyl Benzene

Concen: 0.866 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046350.D

Acq: 23 May 2025 17:12

Instrument :

MSVOA_X

ClientSampleId :

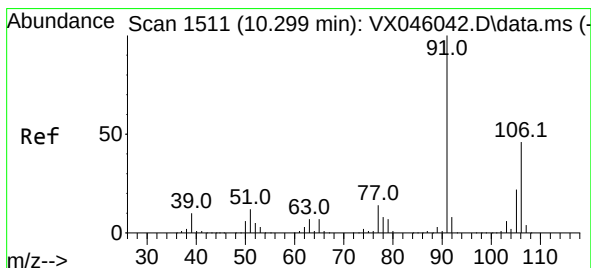
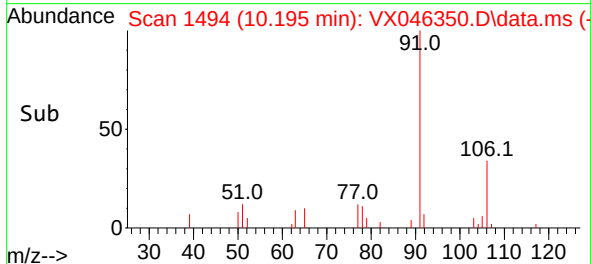
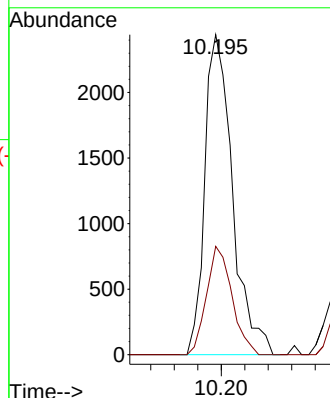
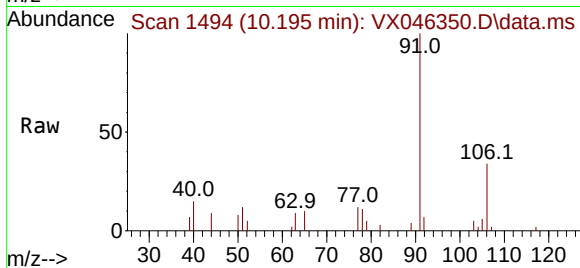
TW-WTS-09

Tgt Ion: 91 Resp: 3981

Ion Ratio Lower Upper

91 100

106 33.8 23.4 35.2



#68

m/p-Xylenes

Concen: 0.526 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046350.D

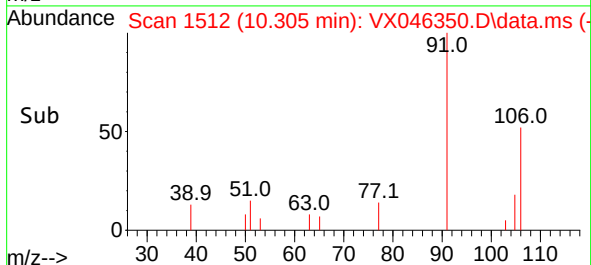
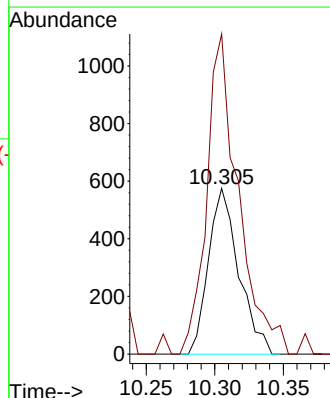
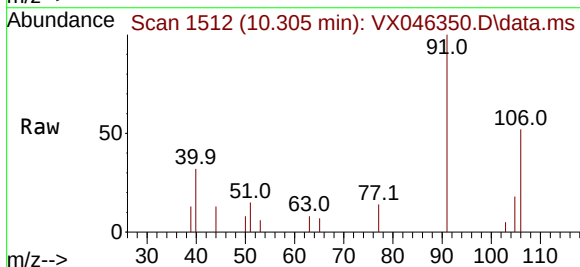
Acq: 23 May 2025 17:12

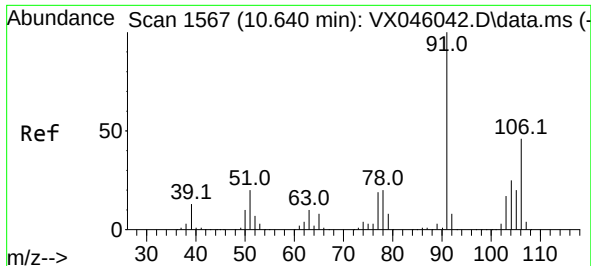
Tgt Ion: 106 Resp: 885

Ion Ratio Lower Upper

106 100

91 201.9 171.2 256.8

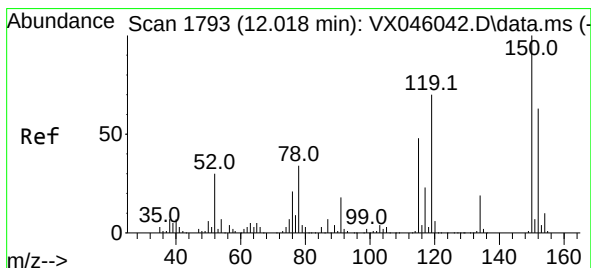
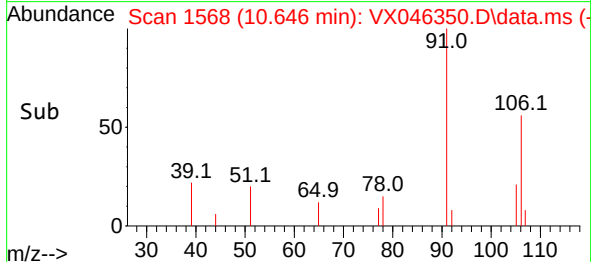
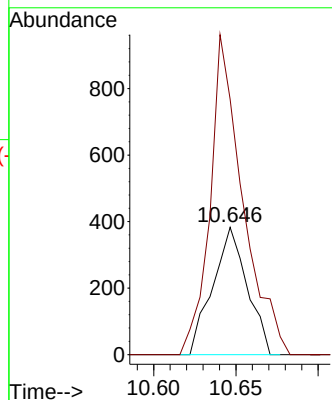
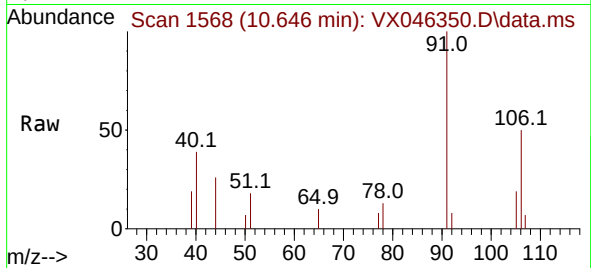




#69
o-Xylene
Concen: 0.341 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046350.D
Acq: 23 May 2025 17:12

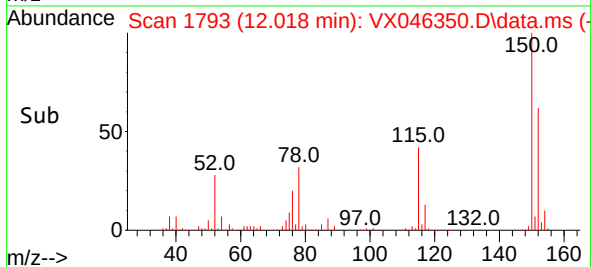
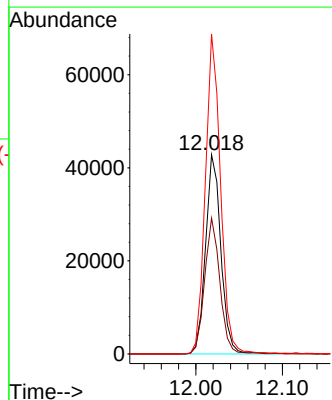
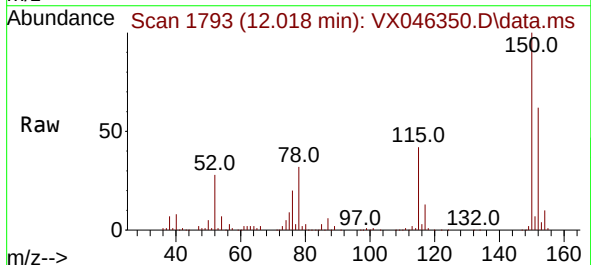
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-09

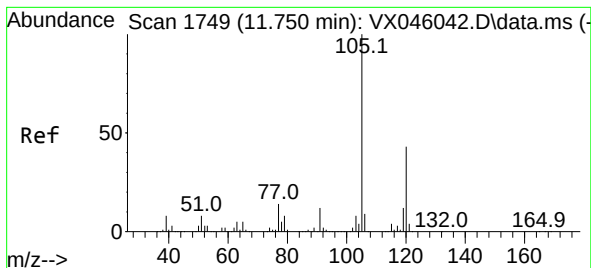
Tgt Ion:106 Resp: 559
Ion Ratio Lower Upper
106 100
91 237.0 112.7 338.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046350.D
Acq: 23 May 2025 17:12

Tgt Ion:152 Resp: 52858
Ion Ratio Lower Upper
152 100
115 67.7 46.9 140.7
150 159.0 0.0 351.0





#84

1,2,4-Trimethylbenzene

Concen: 0.301 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046350.D

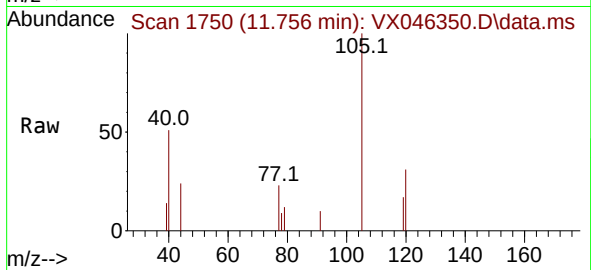
Acq: 23 May 2025 17:12

Instrument :

MSVOA_X

ClientSampleId :

TW-WTS-09



Tgt Ion:105 Resp: 1049

Ion Ratio Lower Upper

105 100

120 37.3 21.2 63.6

