

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX046997.D
 Acq On : 15 Jul 2025 13:33
 Operator : JC/MD
 Sample : Q2578-17RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A2-12-GRE

Quant Time: Jul 16 02:25:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

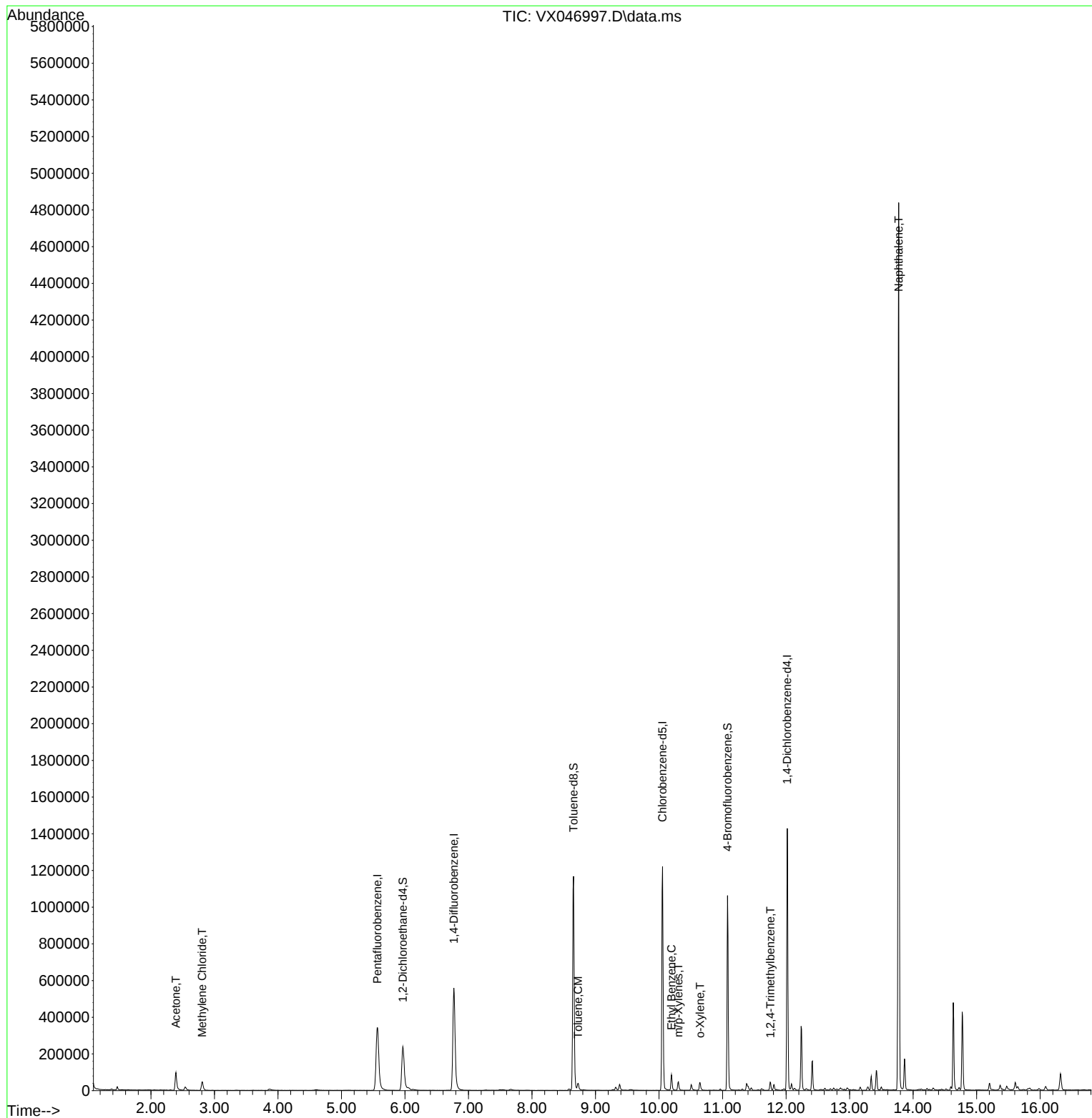
Internal Standards						
1) Pentafluorobenzene	5.562	168	350455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	600394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	550333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	280923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	250178	54.036	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	108.080%	
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range 75 - 124	Recovery	=	0.000%#	
50) Toluene-d8	8.653	98	694124	48.273	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.540%	
62) 4-Bromofluorobenzene	11.079	95	286844	52.488	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	104.980%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	115475	80.295	ug/l	97
20) Methylene Chloride	2.806	84	22671	5.331	ug/l	91
52) Toluene	8.726	92	14308	1.388	ug/l	100
67) Ethyl Benzene	10.195	91	48920	2.401	ug/l	97
68) m/p-Xylenes	10.305	106	11811	1.538	ug/l	97
69) o-Xylene	10.646	106	9530	1.285	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	21789	1.343	ug/l	90
95) Naphthalene	13.774	128	2870050	179.838	ug/l	100

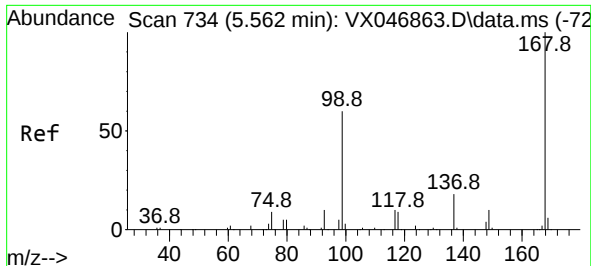
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046997.D
Acq On : 15 Jul 2025 13:33
Operator : JC/MD
Sample : Q2578-17RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-12-GRE

Quant Time: Jul 16 02:25:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

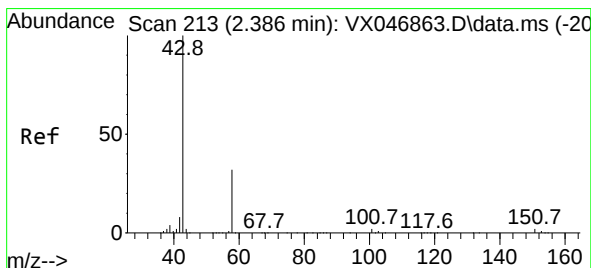
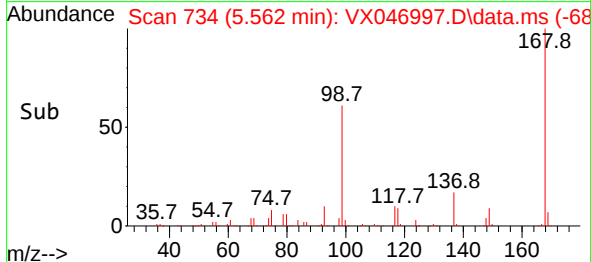
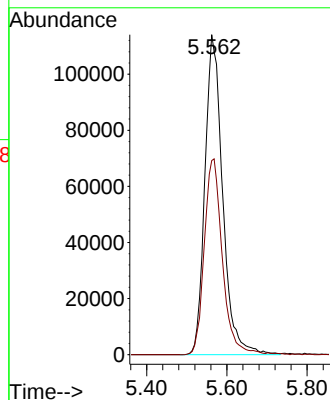
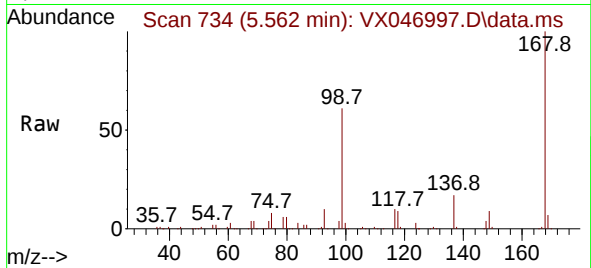




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046997.D
Acq: 15 Jul 2025 13:33

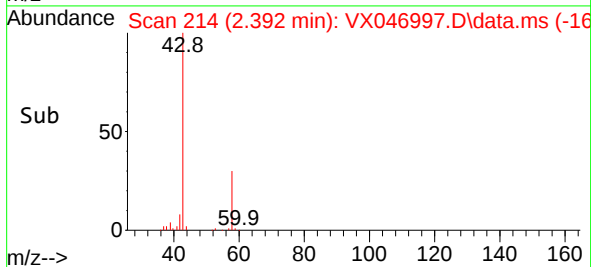
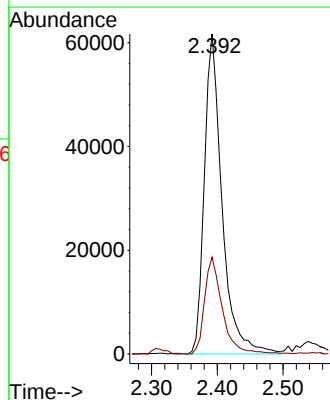
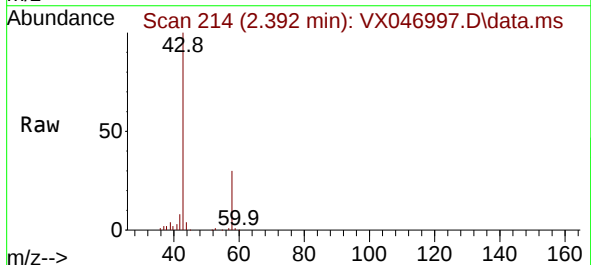
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-12-GRE

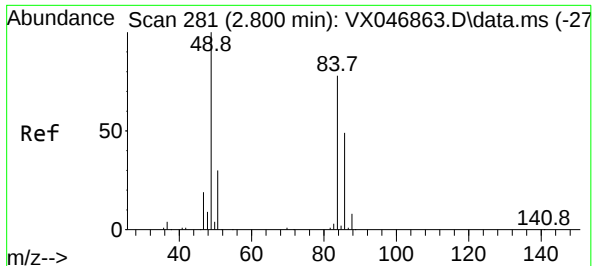
Tgt Ion:168 Resp: 350455
Ion Ratio Lower Upper
168 100
99 60.7 48.8 73.2



#16
Acetone
Concen: 80.295 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046997.D
Acq: 15 Jul 2025 13:33

Tgt Ion: 43 Resp: 115475
Ion Ratio Lower Upper
43 100
58 30.3 25.8 38.6

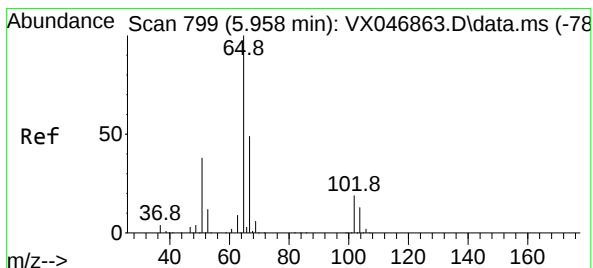
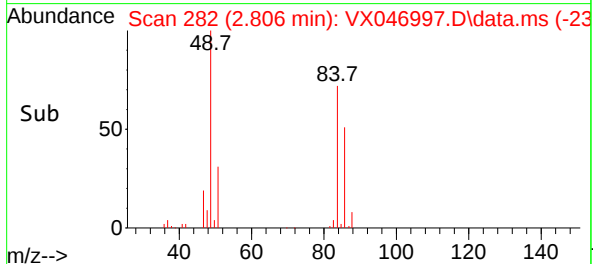
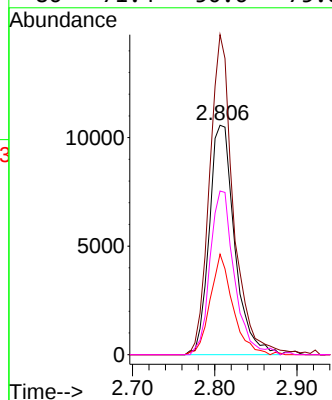
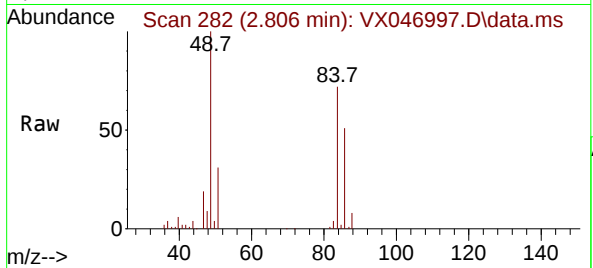




#20
Methylene Chloride
Concen: 5.331 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046997.D
Acq: 15 Jul 2025 13:33

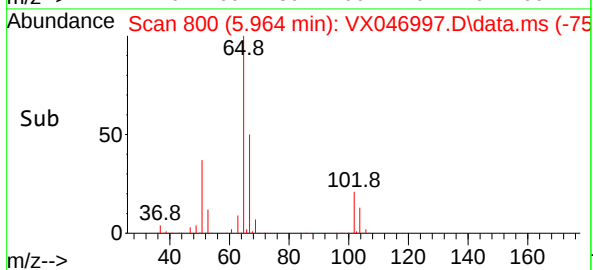
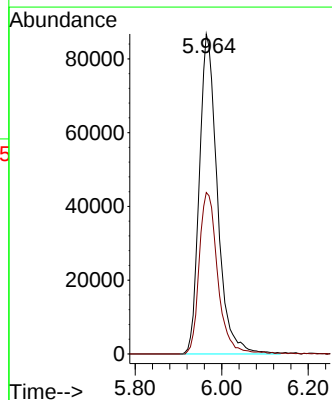
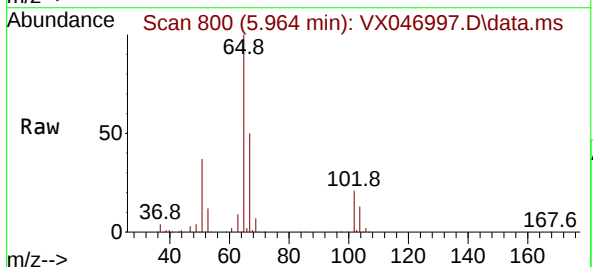
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-12-GRE

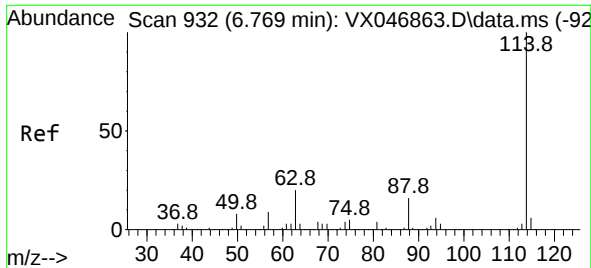
Tgt Ion: 84 Resp: 22671
Ion Ratio Lower Upper
84 100
49 139.4 102.8 154.2
51 43.8 31.1 46.7
86 71.4 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 54.036 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046997.D
Acq: 15 Jul 2025 13:33

Tgt Ion: 65 Resp: 250178
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2

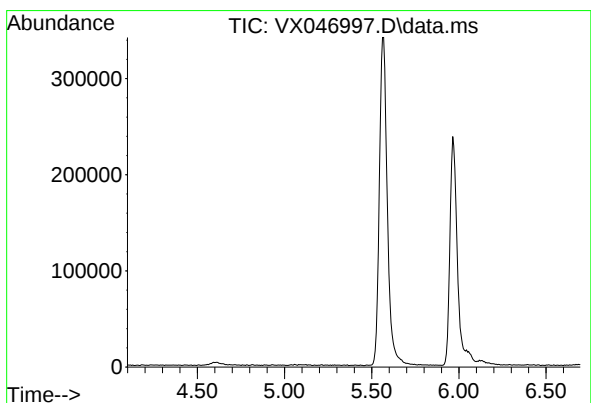
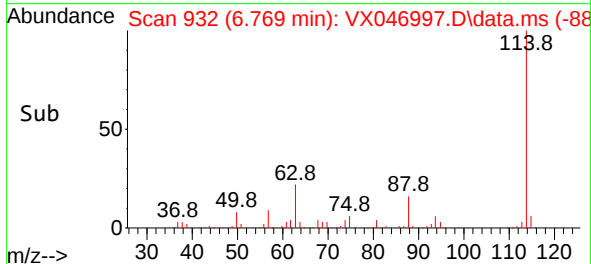
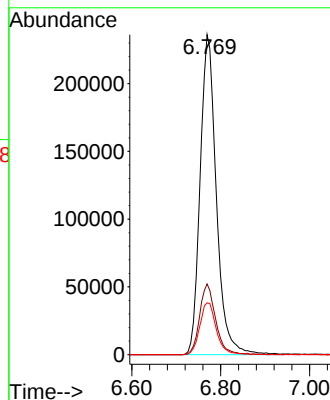
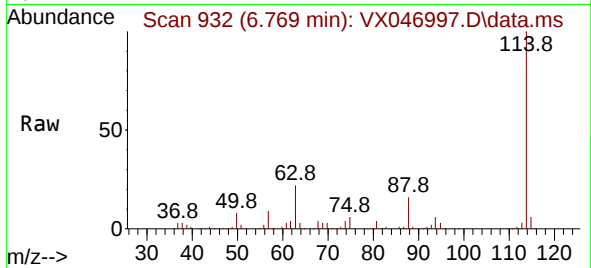




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046997.D
Acq: 15 Jul 2025 13:33

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-12-GRE

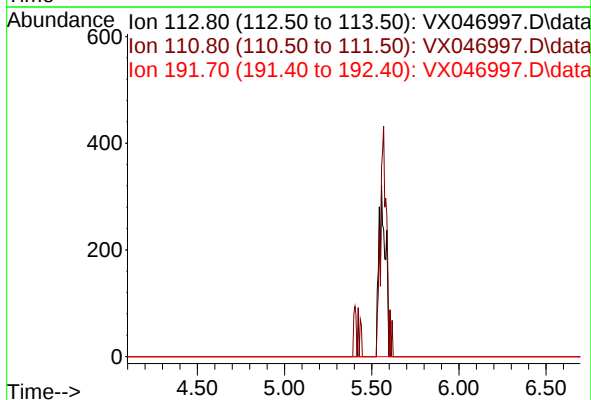
Tgt Ion:114 Resp: 600394
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.4
88 16.2 0.0 31.0

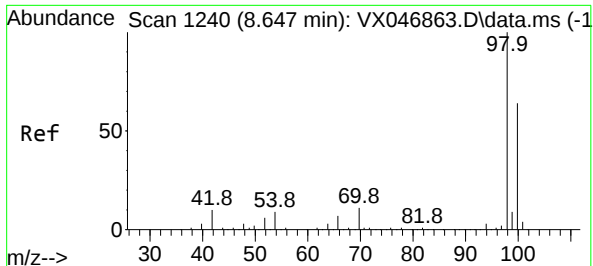


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.40 min

Lab File: VX046997.D
Acq: 15 Jul 2025 13:33

Tgt Ion: 113
Sig Exp Ratio
113 100
111 101.5
192 19.1





#50

Toluene-d8

Concen: 48.273 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046997.D

Acq: 15 Jul 2025 13:33

Instrument :

MSVOA_X

ClientSampleId :

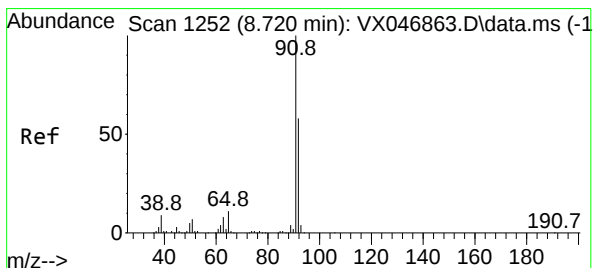
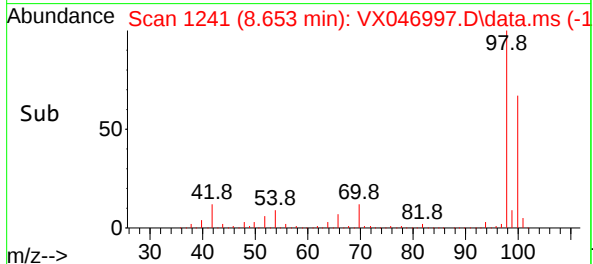
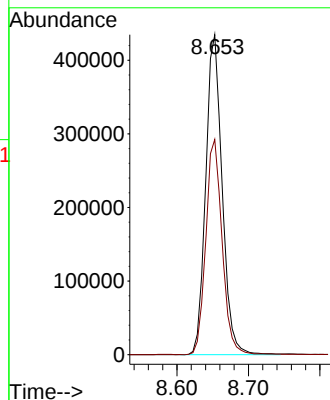
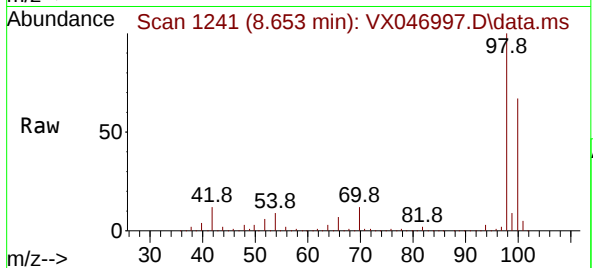
WC-A2-12-GRE

Tgt Ion: 98 Resp: 694124

Ion Ratio Lower Upper

98 100

100 66.8 53.0 79.6



#52

Toluene

Concen: 1.388 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX046997.D

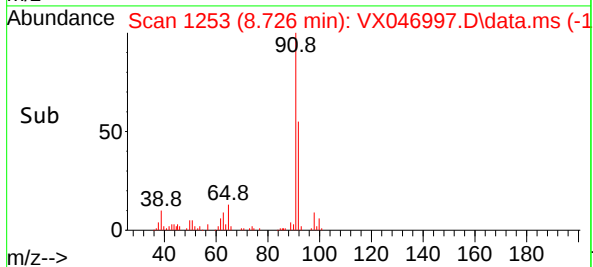
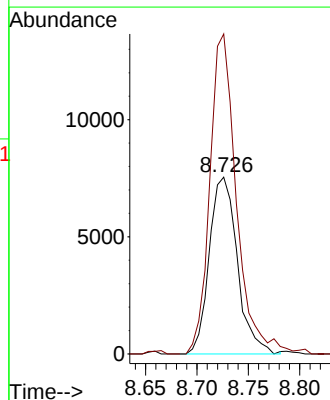
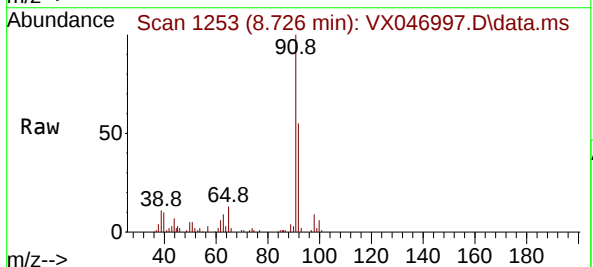
Acq: 15 Jul 2025 13:33

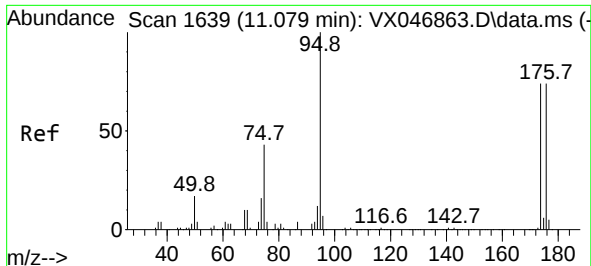
Tgt Ion: 92 Resp: 14308

Ion Ratio Lower Upper

92 100

91 172.5 137.9 206.9





#62

4-Bromofluorobenzene

Concen: 52.488 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046997.D

Acq: 15 Jul 2025 13:33

Instrument :

MSVOA_X

ClientSampleId :

WC-A2-12-GRE

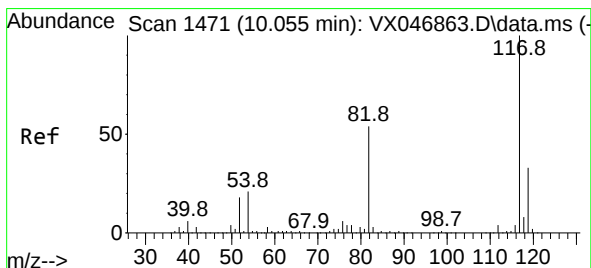
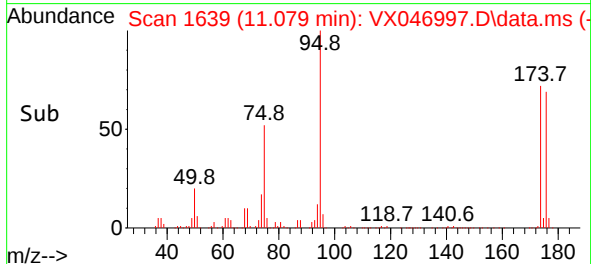
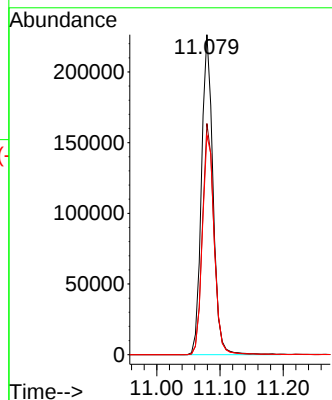
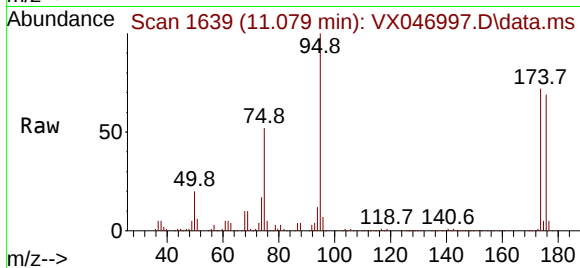
Tgt Ion: 95 Resp: 286844

Ion Ratio Lower Upper

95 100

174 72.6 0.0 152.0

176 71.1 0.0 145.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX046997.D

Acq: 15 Jul 2025 13:33

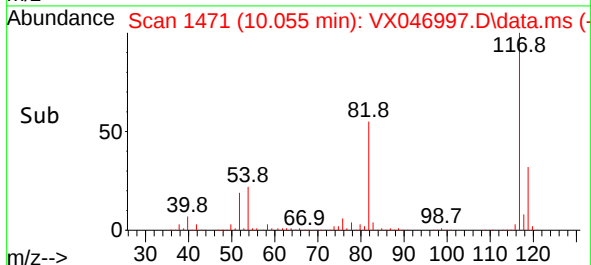
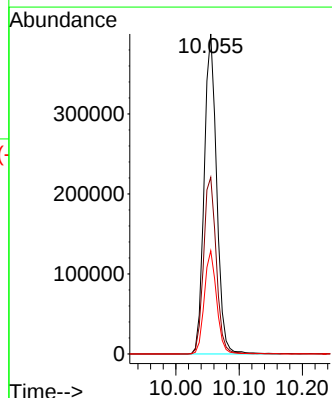
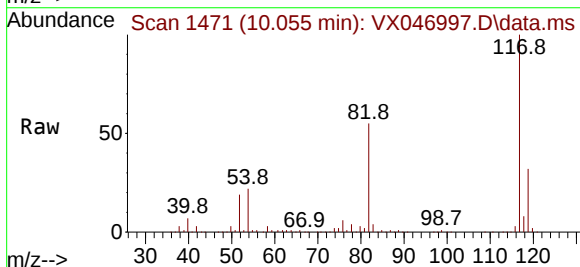
Tgt Ion: 117 Resp: 550333

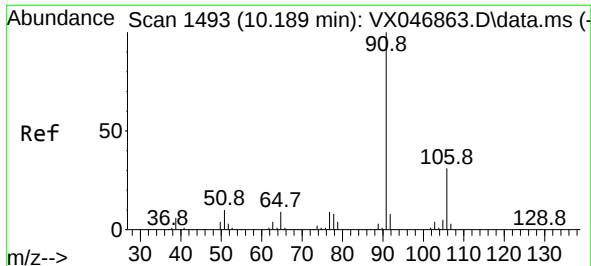
Ion Ratio Lower Upper

117 100

82 55.2 43.3 64.9

119 32.2 26.4 39.6





#67

Ethyl Benzene

Concen: 2.401 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046997.D

Acq: 15 Jul 2025 13:33

Instrument :

MSVOA_X

ClientSampleId :

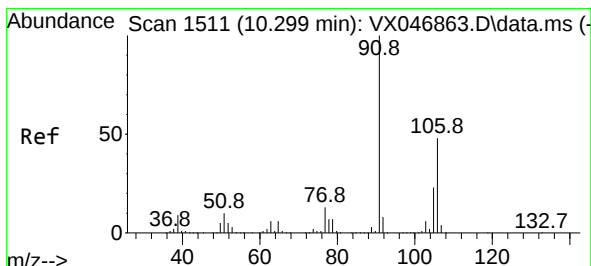
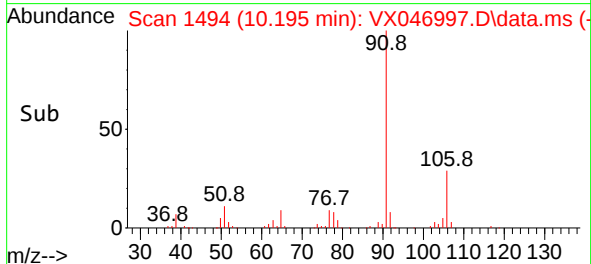
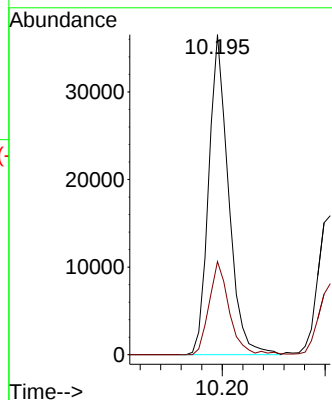
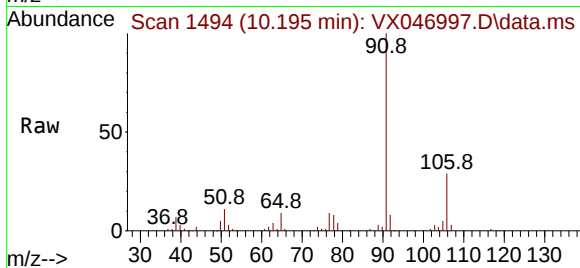
WC-A2-12-GRE

Tgt Ion: 91 Resp: 48920

Ion Ratio Lower Upper

91 100

106 29.1 24.4 36.6



#68

m/p-Xylenes

Concen: 1.538 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046997.D

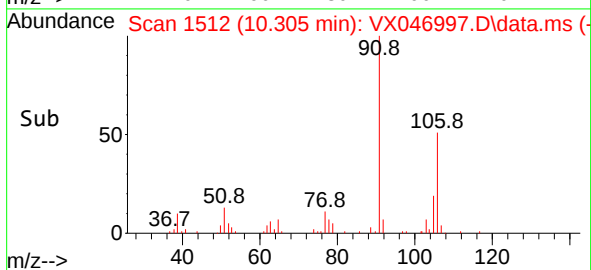
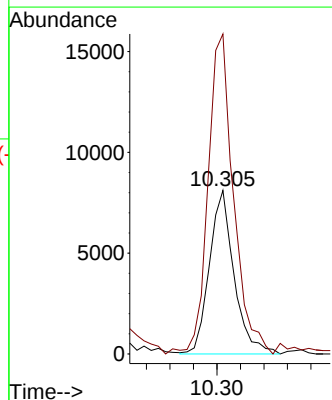
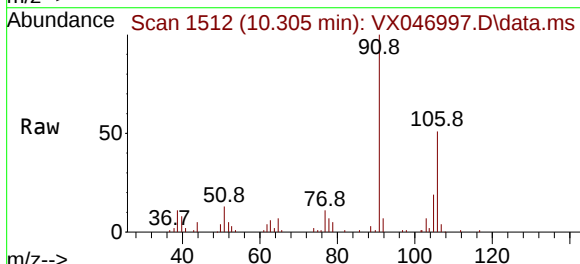
Acq: 15 Jul 2025 13:33

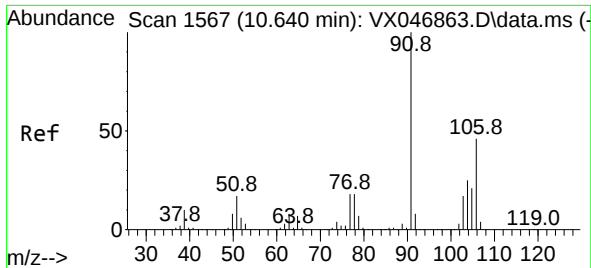
Tgt Ion: 106 Resp: 11811

Ion Ratio Lower Upper

106 100

91 201.8 164.6 246.8

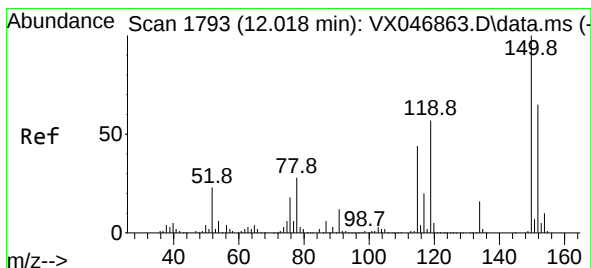
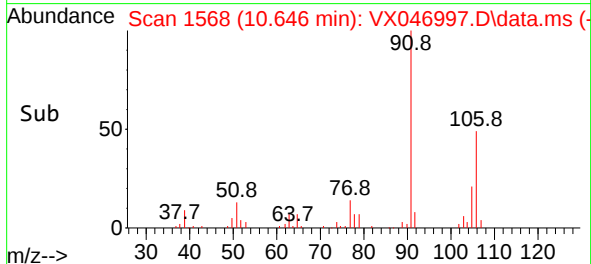
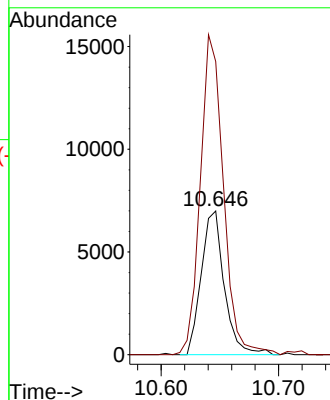
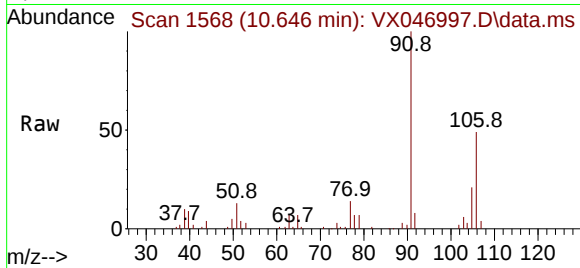




#69
o-Xylene
Concen: 1.285 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046997.D
Acq: 15 Jul 2025 13:33

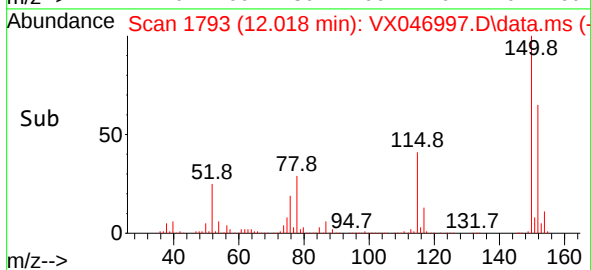
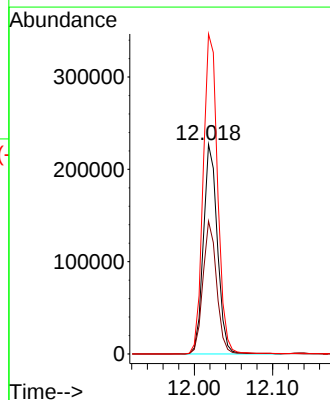
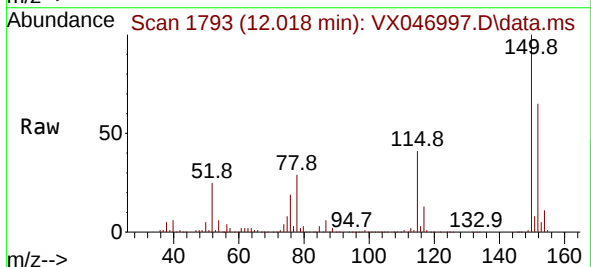
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-12-GRE

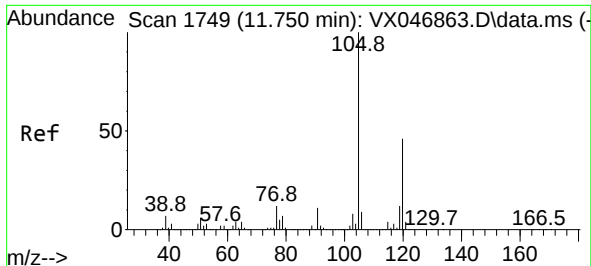
Tgt Ion:106 Resp: 9530
Ion Ratio Lower Upper
106 100
91 222.8 109.5 328.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046997.D
Acq: 15 Jul 2025 13:33

Tgt Ion:152 Resp: 280923
Ion Ratio Lower Upper
152 100
115 62.1 42.4 127.1
150 158.5 0.0 349.2

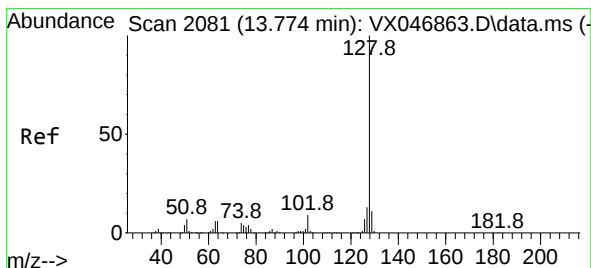
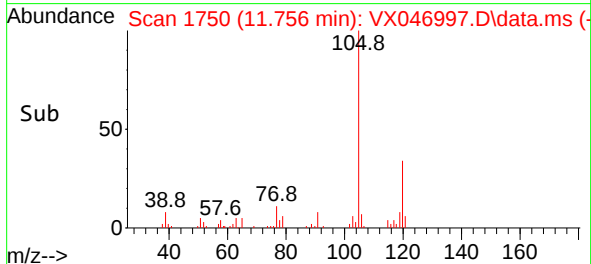
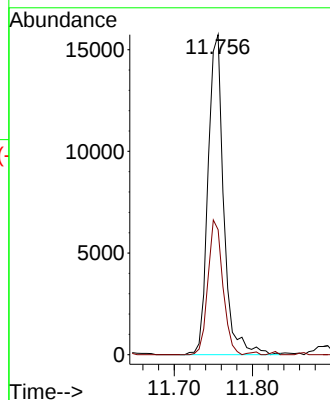
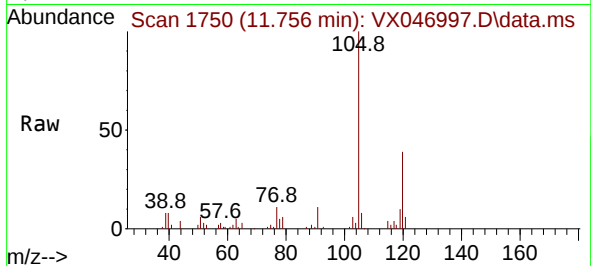




#84
1,2,4-Trimethylbenzene
Concen: 1.343 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046997.D
Acq: 15 Jul 2025 13:33

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-12-GRE

Tgt Ion:105 Resp: 21789
Ion Ratio Lower Upper
105 100
120 40.0 23.3 69.8



#95
Naphthalene
Concen: 179.838 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046997.D
Acq: 15 Jul 2025 13:33

Tgt Ion:128 Resp: 2870050
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 13.0

