

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046980.D
 Acq On : 14 Jul 2025 17:31
 Operator : JC/MD
 Sample : Q2578-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jul 15 02:34:58 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)

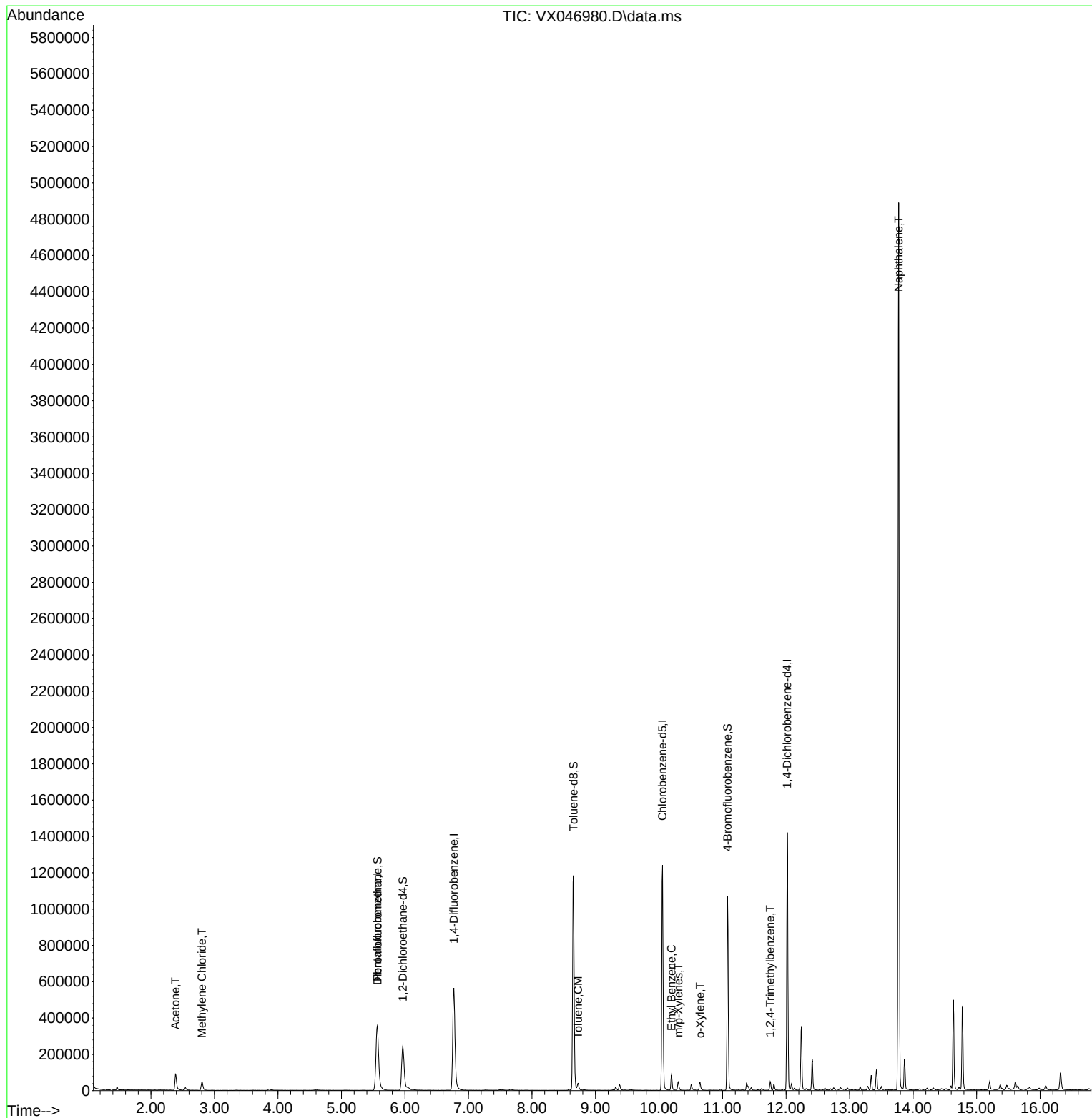
Internal Standards						
1) Pentafluorobenzene	5.562	168	357839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	618206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	560151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	295784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	254241	53.780	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.560%		
35) Dibromofluoromethane	5.568	113	895	0.213	ug/l	0.17
Spiked Amount	50.000	Range 75 - 124	Recovery	= 0.420%#		
50) Toluene-d8	8.653	98	722392	48.791	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.580%		
62) 4-Bromofluorobenzene	11.079	95	293199	52.105	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.220%		
Target Compounds						
						Qvalue
16) Acetone	2.385	43	111579	75.985	ug/l	96
20) Methylene Chloride	2.800	84	23684	5.454	ug/l	91
52) Toluene	8.726	92	13747	1.295	ug/l	96
67) Ethyl Benzene	10.195	91	51161	2.467	ug/l	98
68) m/p-Xylenes	10.305	106	12288	1.572	ug/l	96
69) o-Xylene	10.646	106	9652	1.279	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	22125	1.296	ug/l	96
95) Naphthalene	13.774	128	2880987	171.454	ug/l	100

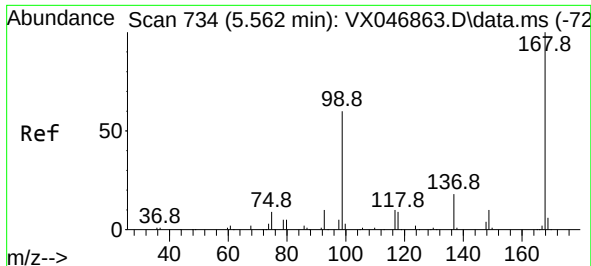
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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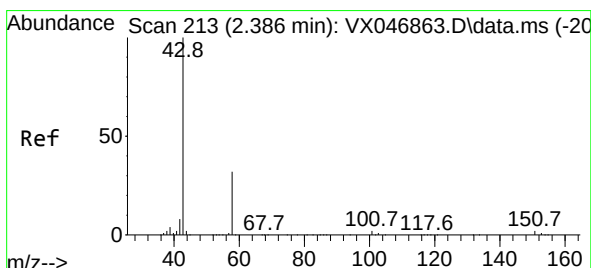
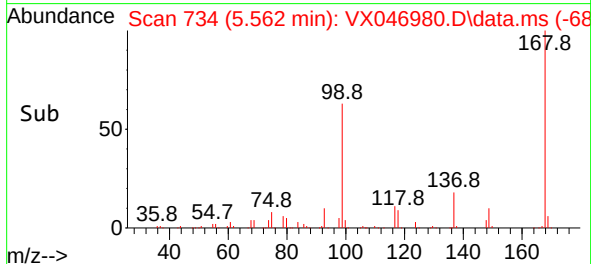
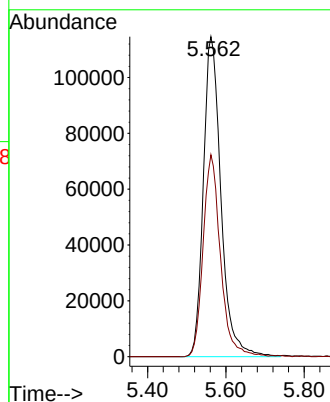
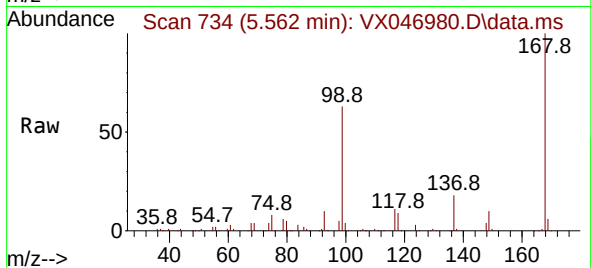




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX046980.D
Acq: 14 Jul 2025 17:31

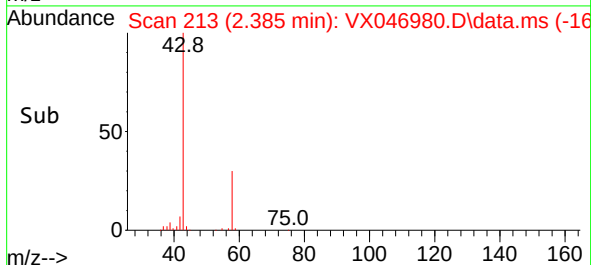
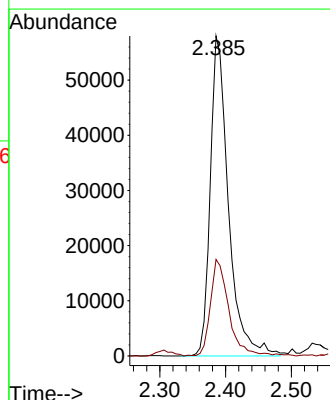
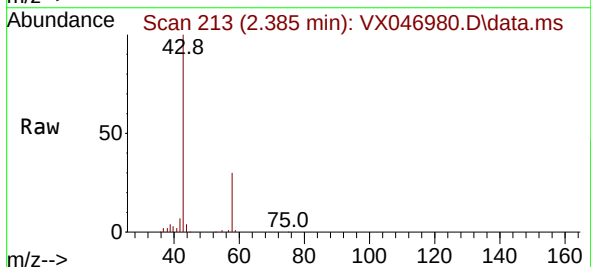
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-12-G

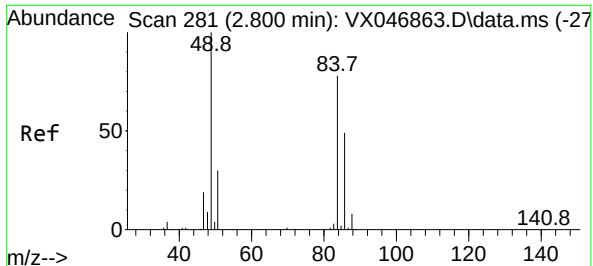
Tgt Ion:168 Resp: 357839
Ion Ratio Lower Upper
168 100
99 63.1 48.8 73.2



#16
Acetone
Concen: 75.985 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046980.D
Acq: 14 Jul 2025 17:31

Tgt Ion: 43 Resp: 111579
Ion Ratio Lower Upper
43 100
58 30.0 25.8 38.6

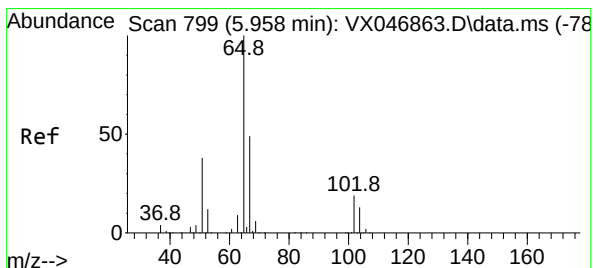
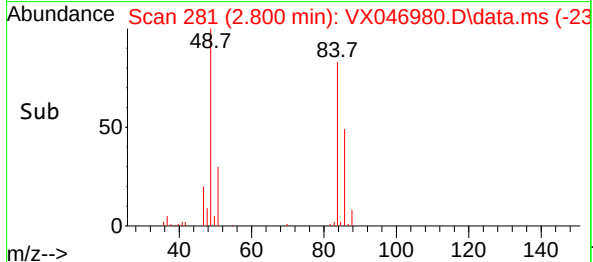
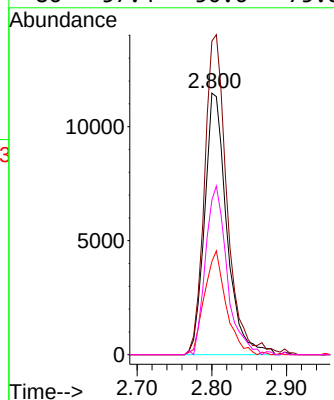
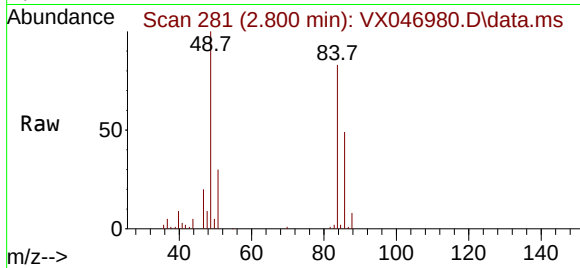




#20
Methylene Chloride
Concen: 5.454 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046980.D
Acq: 14 Jul 2025 17:31

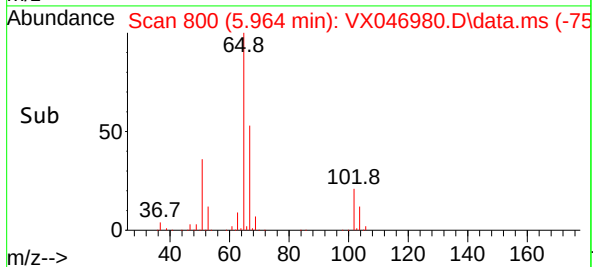
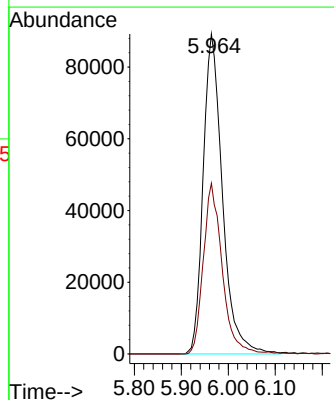
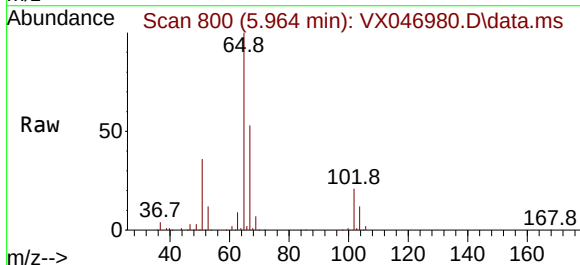
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-12-G

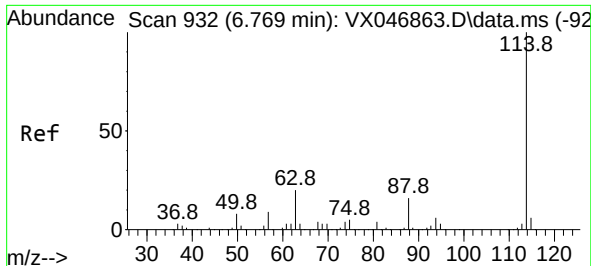
Tgt Ion:	84	Resp:	23684
Ion	Ratio	Lower	Upper
84	100		
49	116.4	102.8	154.2
51	34.6	31.1	46.7
86	57.4	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 53.780 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046980.D
Acq: 14 Jul 2025 17:31

Tgt Ion:	65	Resp:	254241
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.2

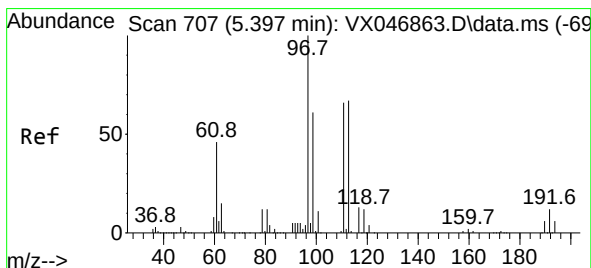
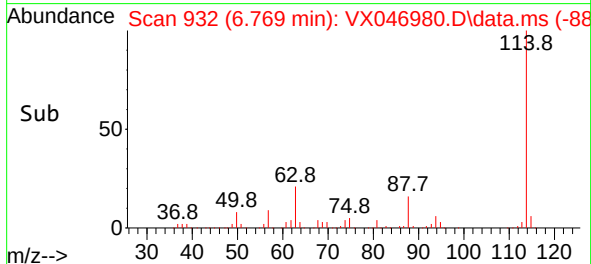
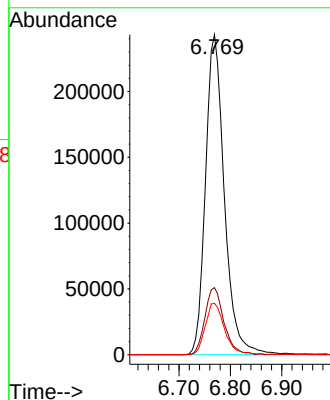
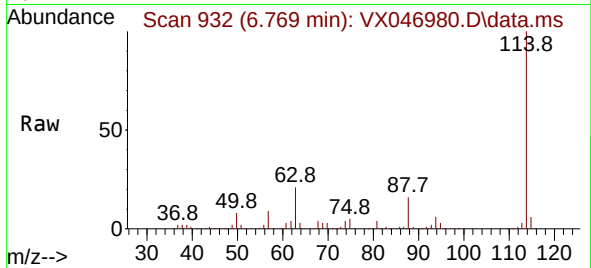




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046980.D
Acq: 14 Jul 2025 17:31

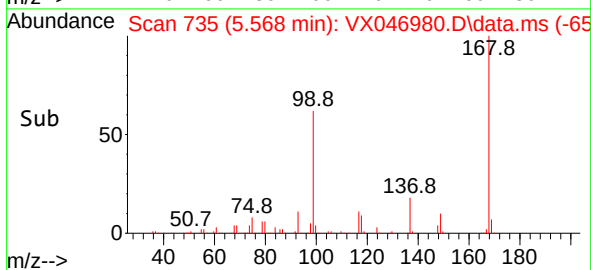
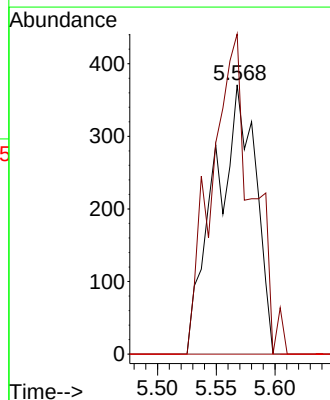
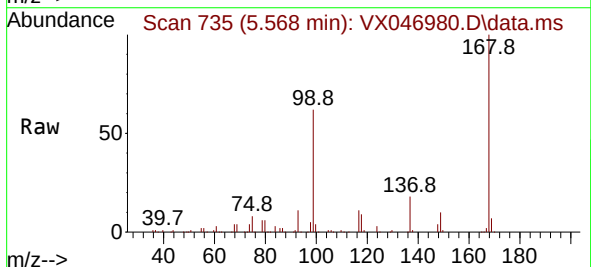
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-12-G

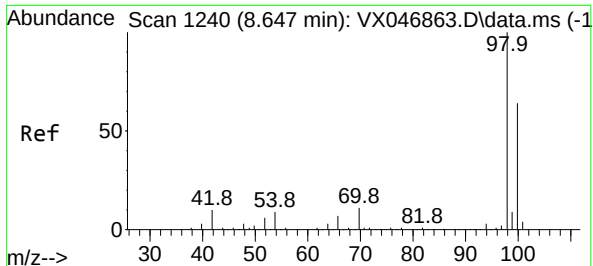
Tgt Ion:114 Resp: 618206
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 16.1 0.0 31.0



#35
Dibromofluoromethane
Concen: 0.213 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.170 min
Lab File: VX046980.D
Acq: 14 Jul 2025 17:31

Tgt Ion:113 Resp: 895
Ion Ratio Lower Upper
113 100
111 118.5 81.2 121.8
192 0.0 15.3 22.9#





#50

Toluene-d8

Concen: 48.791 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046980.D

Acq: 14 Jul 2025 17:31

Instrument :

MSVOA_X

ClientSampleId :

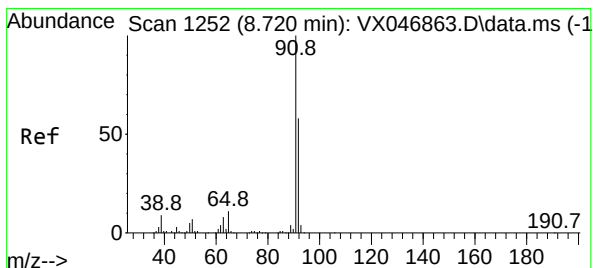
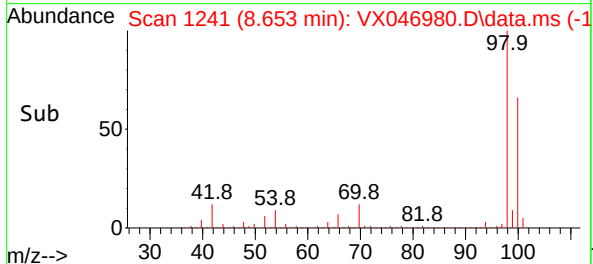
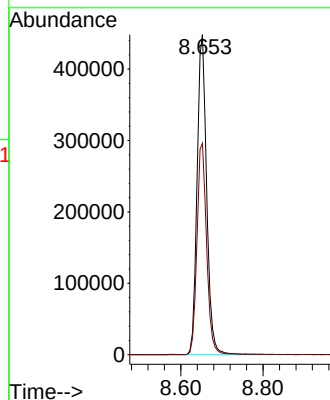
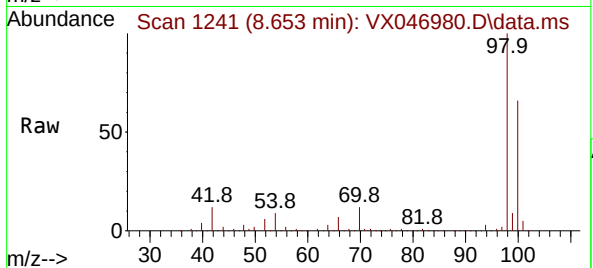
WC-A2-12-G

Tgt Ion: 98 Resp: 722392

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.6



#52

Toluene

Concen: 1.295 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX046980.D

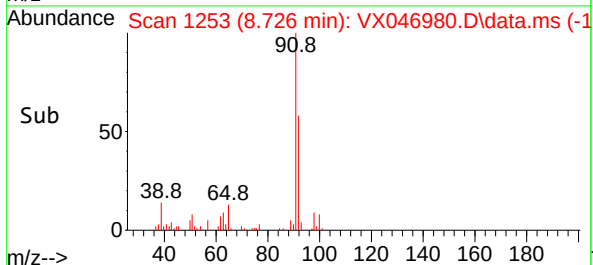
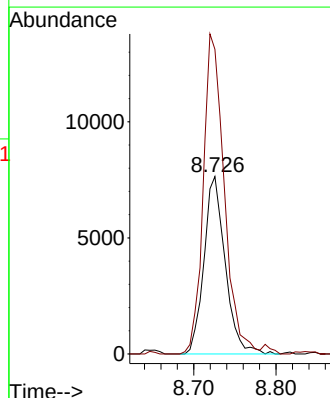
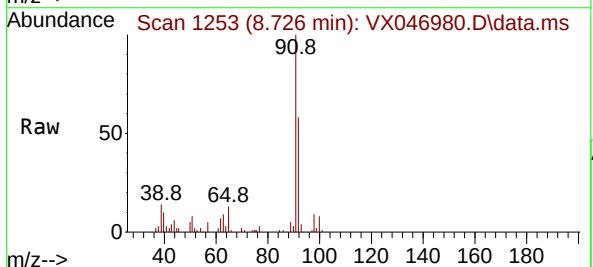
Acq: 14 Jul 2025 17:31

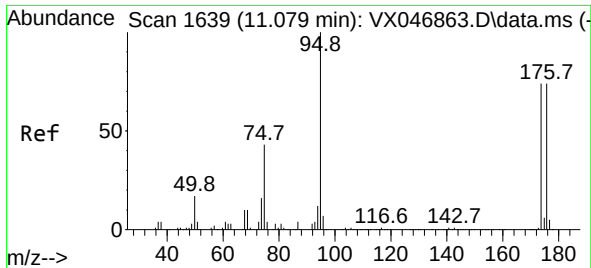
Tgt Ion: 92 Resp: 13747

Ion Ratio Lower Upper

92 100

91 177.9 137.9 206.9

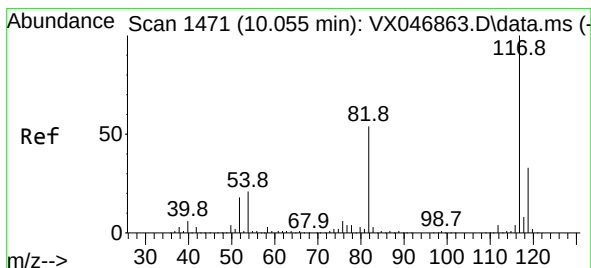
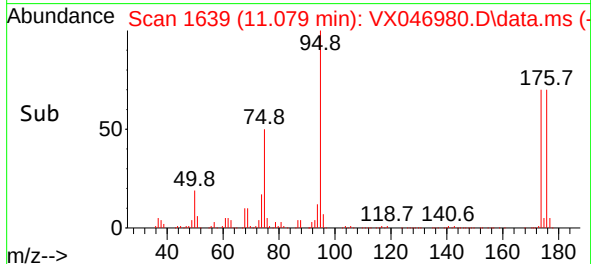
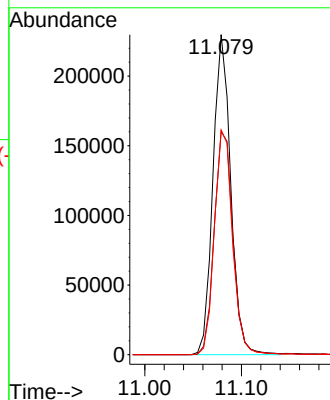
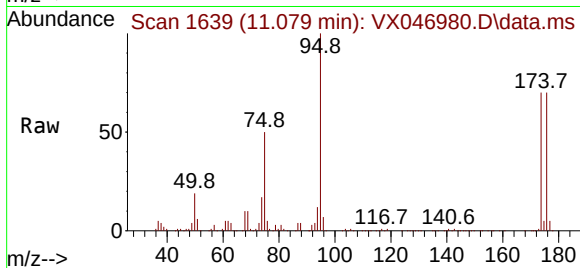




#62
4-Bromofluorobenzene
Concen: 52.105 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046980.D
Acq: 14 Jul 2025 17:31

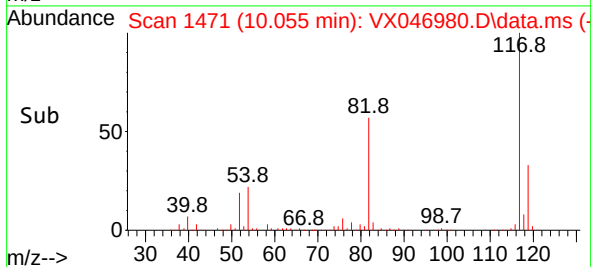
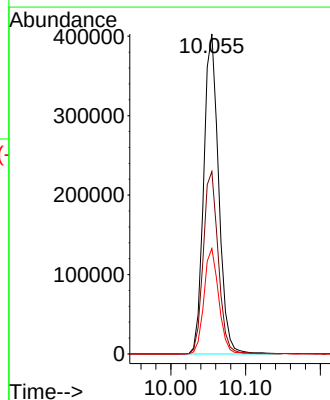
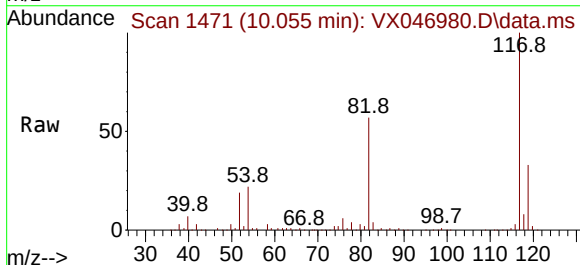
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-12-G

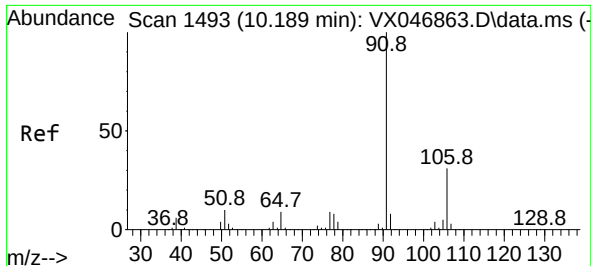
Tgt Ion: 95 Resp: 293199
Ion Ratio Lower Upper
95 100
174 73.9 0.0 152.0
176 71.9 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046980.D
Acq: 14 Jul 2025 17:31

Tgt Ion: 117 Resp: 560151
Ion Ratio Lower Upper
117 100
82 57.0 43.3 64.9
119 32.9 26.4 39.6





#67

Ethyl Benzene

Concen: 2.467 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046980.D

Acq: 14 Jul 2025 17:31

Instrument :

MSVOA_X

ClientSampleId :

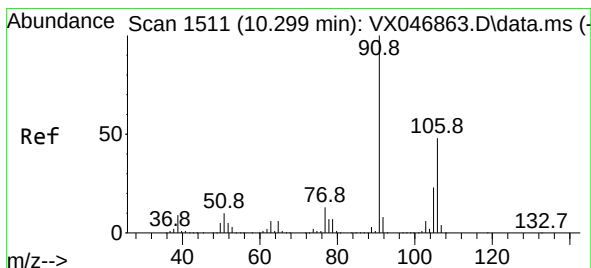
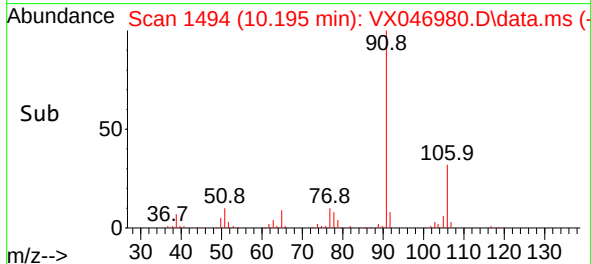
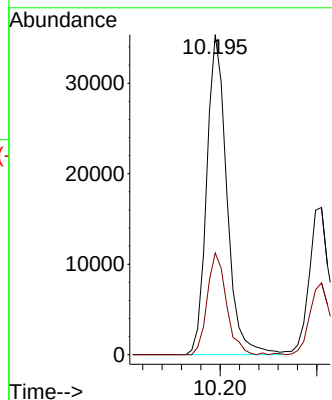
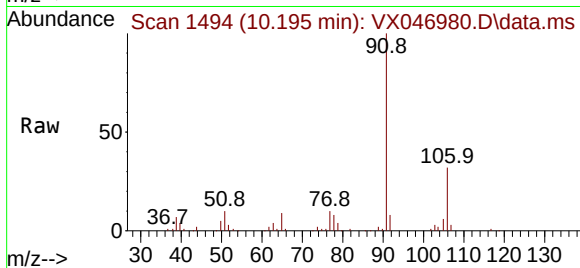
WC-A2-12-G

Tgt Ion: 91 Resp: 51161

Ion Ratio Lower Upper

91 100

106 29.3 24.4 36.6



#68

m/p-Xylenes

Concen: 1.572 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046980.D

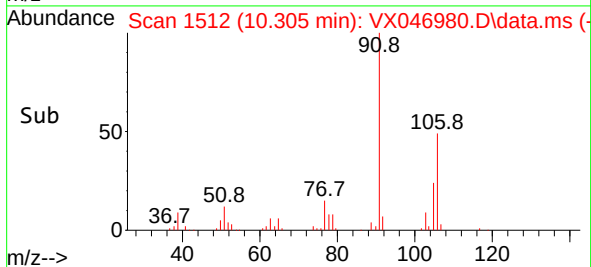
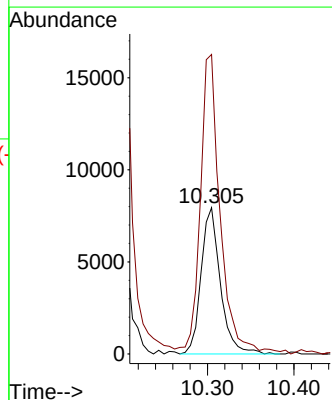
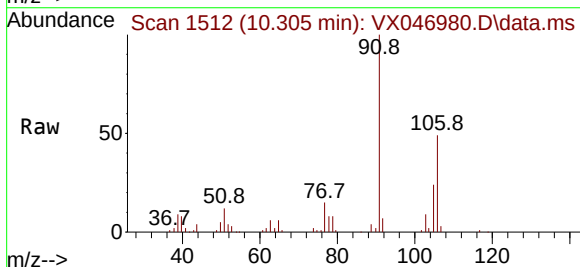
Acq: 14 Jul 2025 17:31

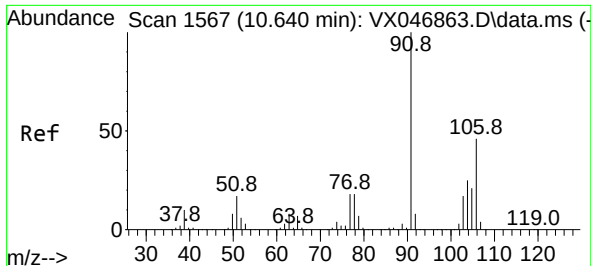
Tgt Ion: 106 Resp: 12288

Ion Ratio Lower Upper

106 100

91 212.2 164.6 246.8

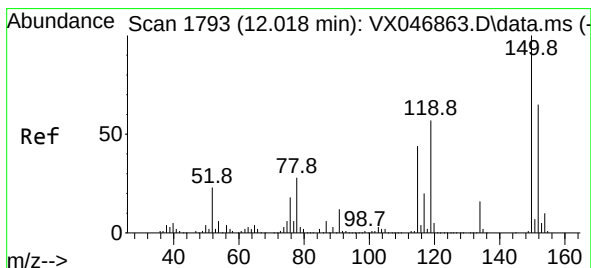
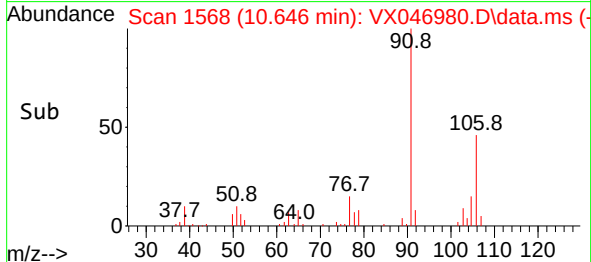
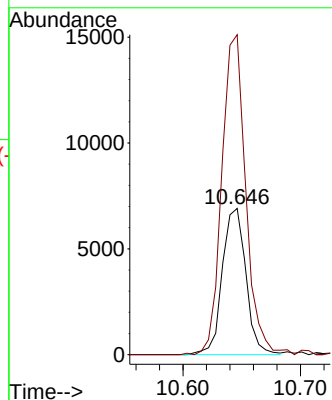
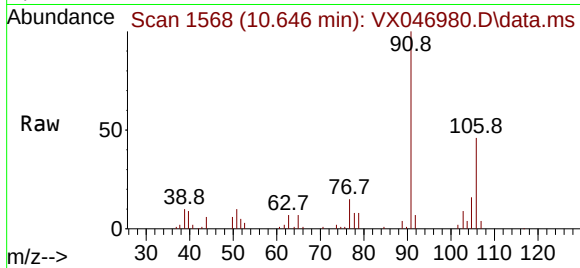




#69
o-Xylene
Concen: 1.279 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX046980.D
Acq: 14 Jul 2025 17:31

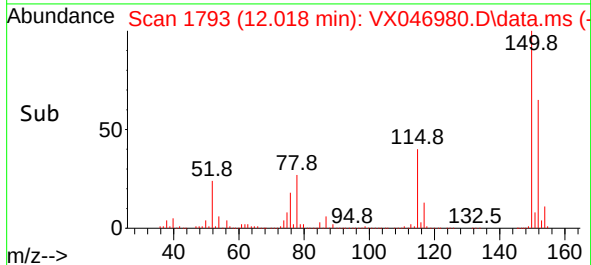
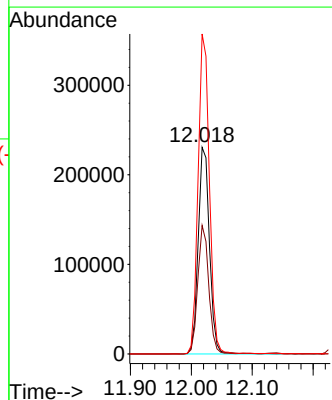
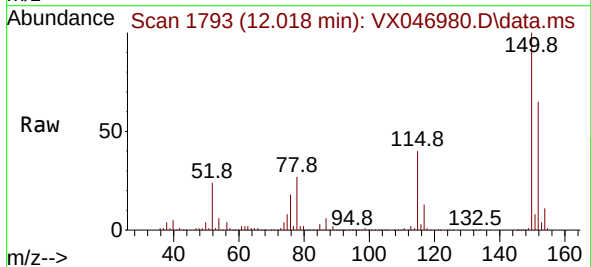
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-12-G

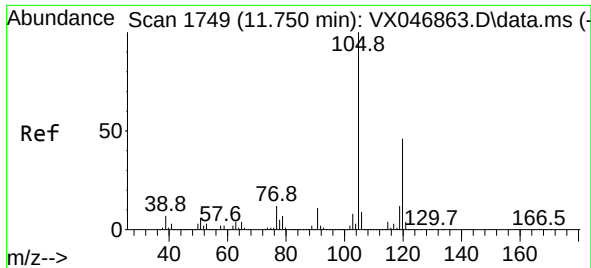
Tgt Ion:106 Resp: 9652
Ion Ratio Lower Upper
106 100
91 222.0 109.5 328.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046980.D
Acq: 14 Jul 2025 17:31

Tgt Ion:152 Resp: 295784
Ion Ratio Lower Upper
152 100
115 60.5 42.4 127.1
150 155.1 0.0 349.2

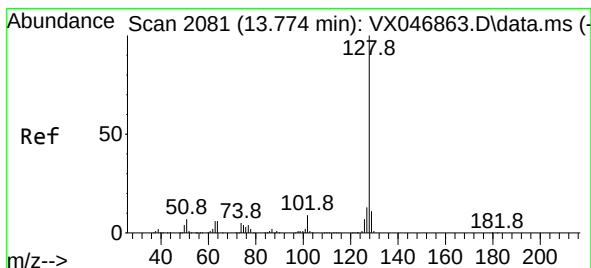
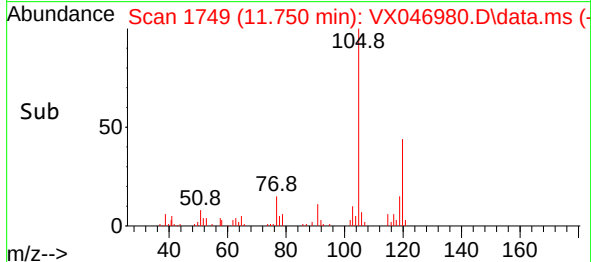
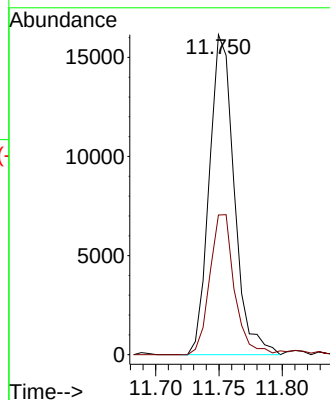
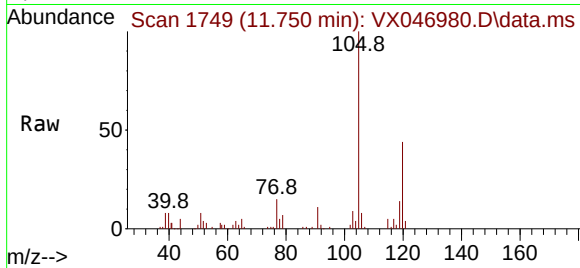




#84
1,2,4-Trimethylbenzene
Concen: 1.296 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046980.D
Acq: 14 Jul 2025 17:31

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

Tgt Ion:105 Resp: 22125
Ion Ratio Lower Upper
105 100
120 43.8 23.3 69.8



#95
Naphthalene
Concen: 171.454 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046980.D
Acq: 14 Jul 2025 17:31

Tgt Ion:128 Resp: 2880987
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.6 13.0

