

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046977.D
 Acq On : 14 Jul 2025 16:28
 Operator : JC/MD
 Sample : Q2578-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A2-09-G

Quant Time: Jul 15 01:23:14 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)

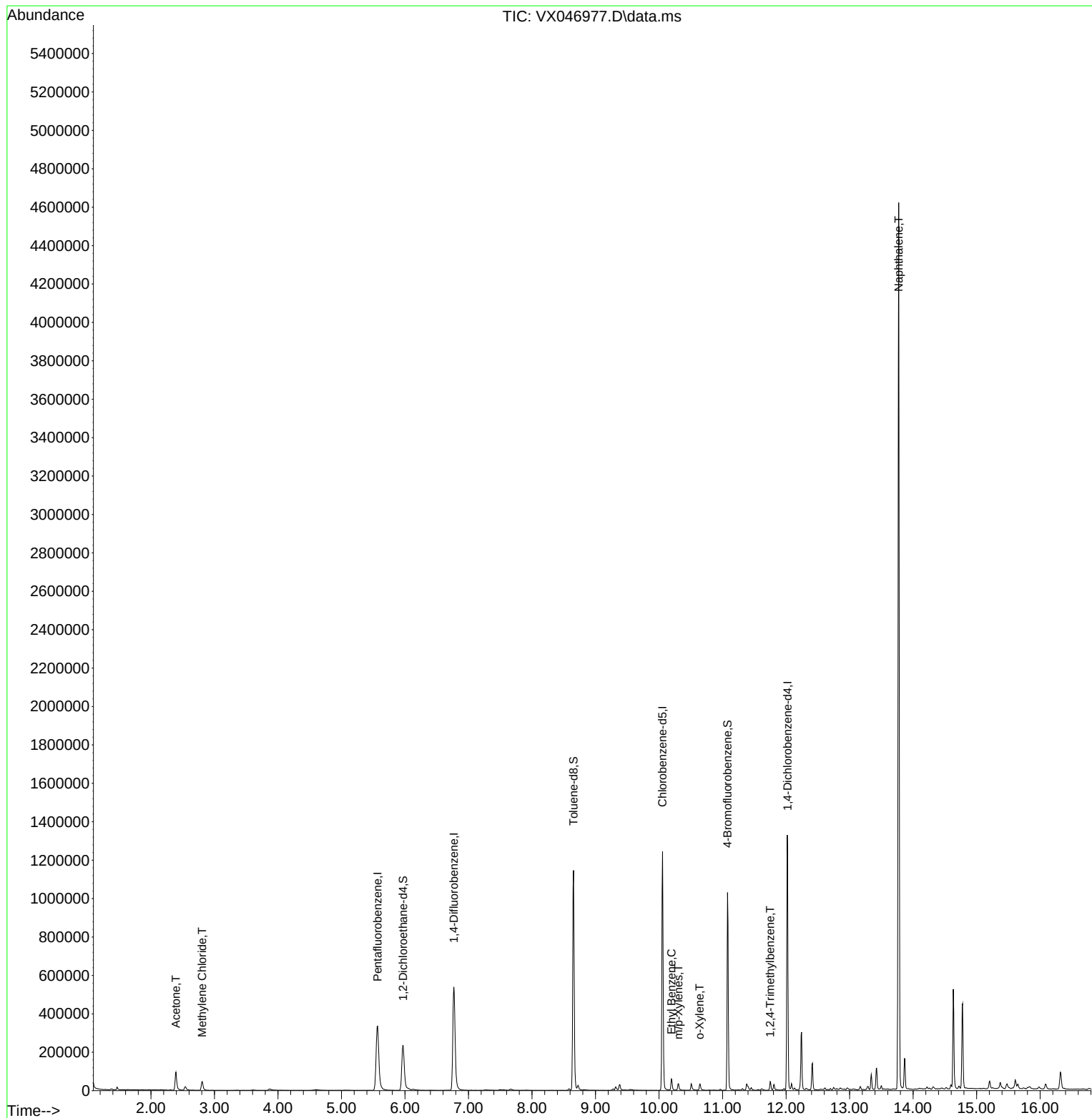
Internal Standards						
1) Pentafluorobenzene	5.568	168	344893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	593288	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	543136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	272001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	248533	54.546	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.100%	
35) Dibromofluoromethane	5.409	113	26	0.006	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 0.020%#	
50) Toluene-d8	8.653	98	682529	48.035	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.060%	
62) 4-Bromofluorobenzene	11.079	95	275720	51.057	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.120%	
Target Compounds						
						Qvalue
16) Acetone	2.392	43	115614	81.688	ug/l	96
20) Methylene Chloride	2.806	84	22312	5.331	ug/l	94
67) Ethyl Benzene	10.195	91	36159	1.798	ug/l	95
68) m/p-Xylenes	10.305	106	9312	1.229	ug/l	96
69) o-Xylene	10.640	106	7546	1.031	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	20461	1.303	ug/l	93
95) Naphthalene	13.774	128	2697175	174.550	ug/l	99

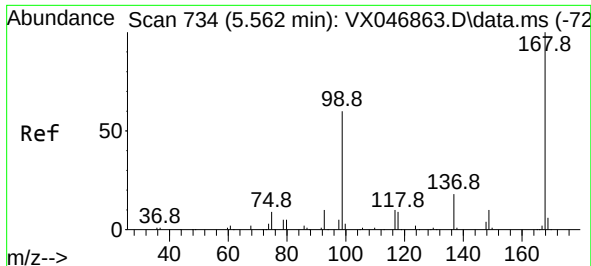
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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WC-A2-09-G

Quant Time: Jul 15 01:23:14 2025
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Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

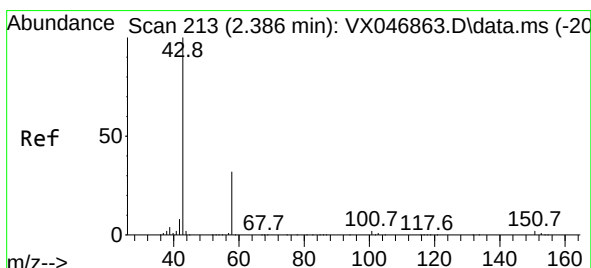
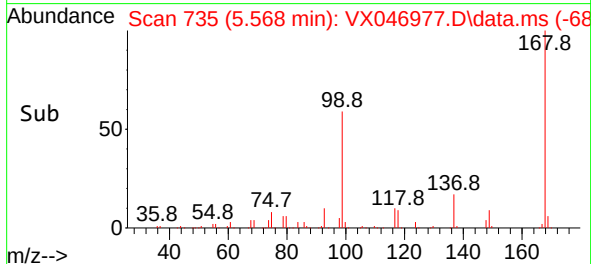
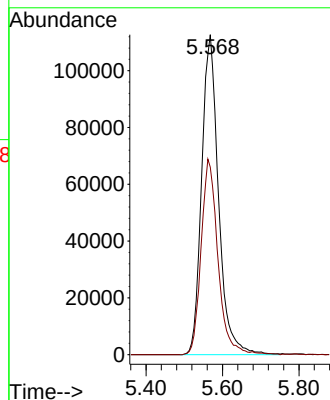
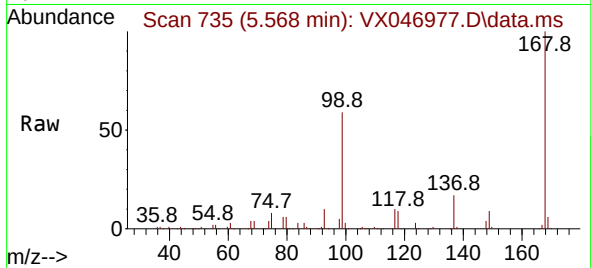




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046977.D
Acq: 14 Jul 2025 16:28

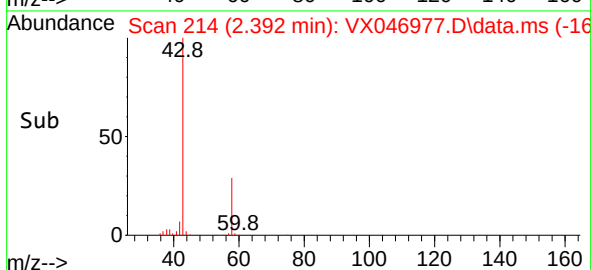
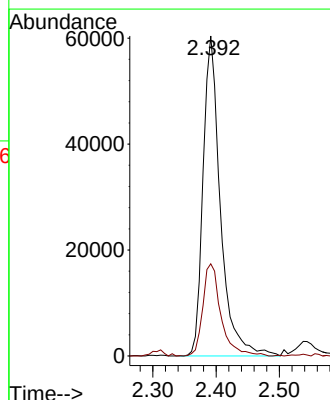
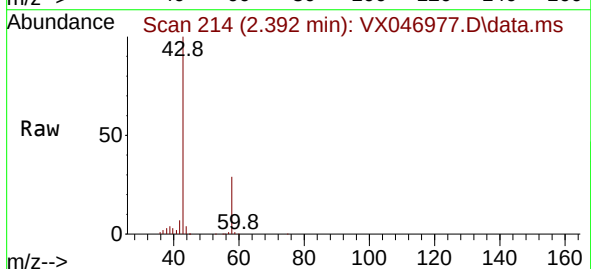
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-09-G

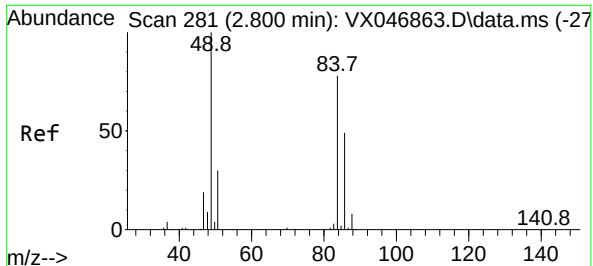
Tgt Ion:168 Resp: 344893
Ion Ratio Lower Upper
168 100
99 58.6 48.8 73.2



#16
Acetone
Concen: 81.688 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046977.D
Acq: 14 Jul 2025 16:28

Tgt Ion: 43 Resp: 115614
Ion Ratio Lower Upper
43 100
58 30.2 25.8 38.6

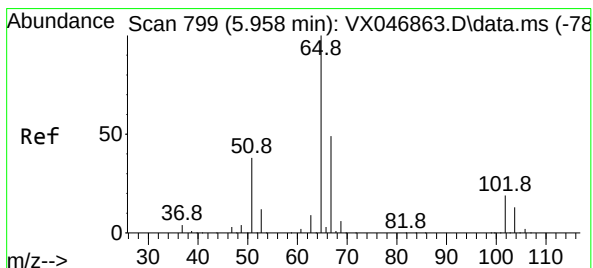
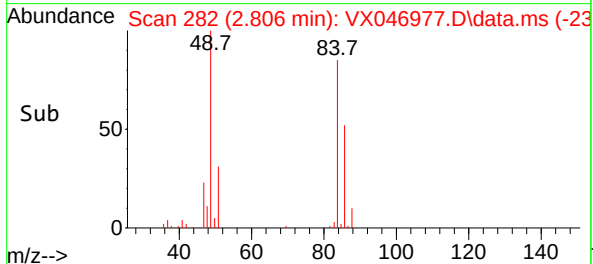
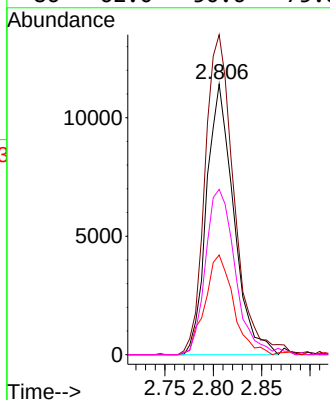
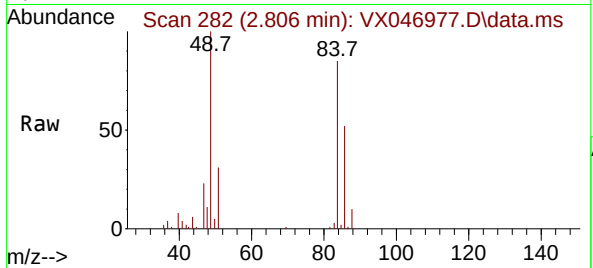




#20
Methylene Chloride
Concen: 5.331 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046977.D
Acq: 14 Jul 2025 16:28

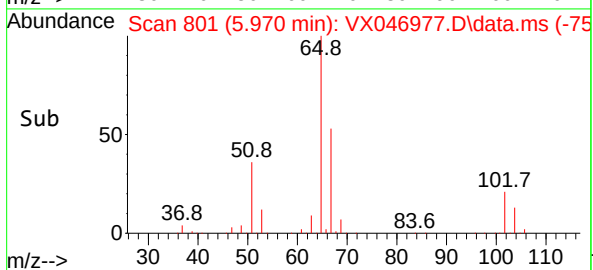
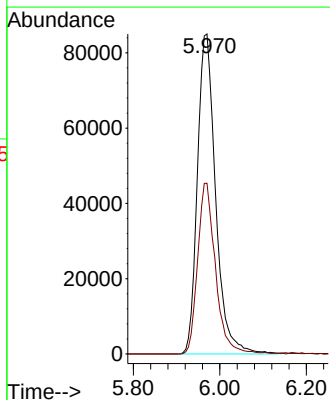
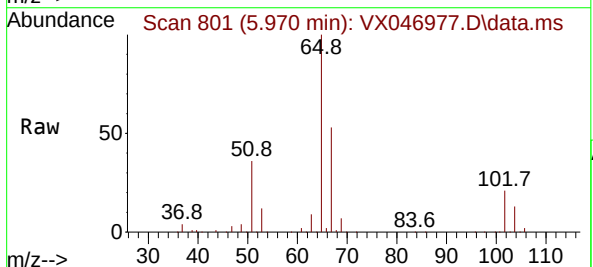
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-09-G

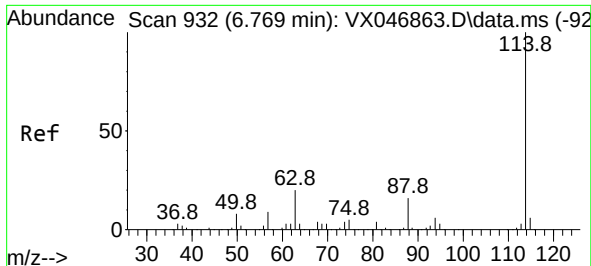
Tgt Ion:	84	Resp:	22312
Ion	Ratio	Lower	Upper
84	100		
49	118.3	102.8	154.2
51	36.8	31.1	46.7
86	62.0	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 54.546 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.012 min
Lab File: VX046977.D
Acq: 14 Jul 2025 16:28

Tgt Ion:	65	Resp:	248533
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.2

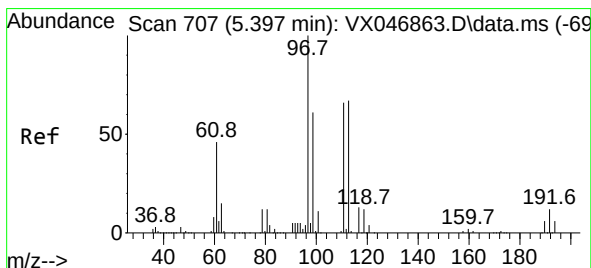
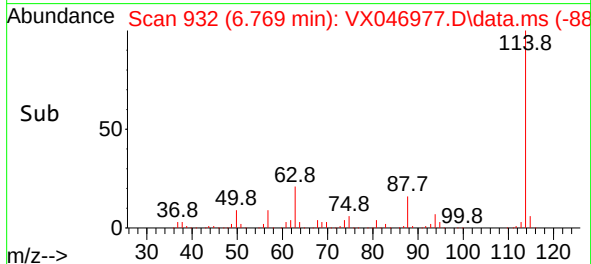
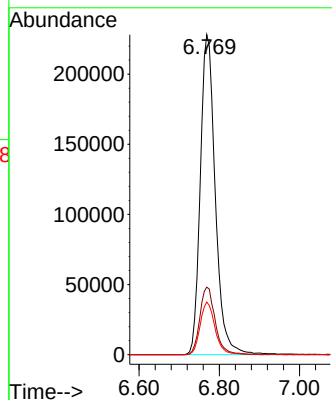
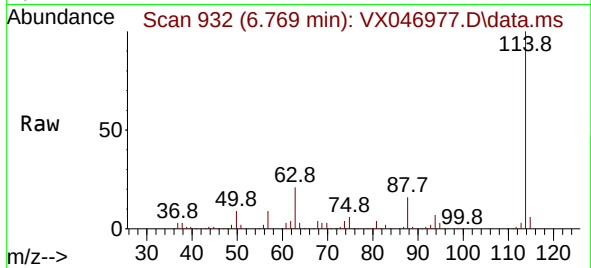




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046977.D
Acq: 14 Jul 2025 16:28

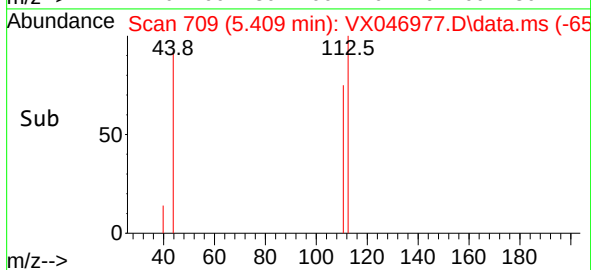
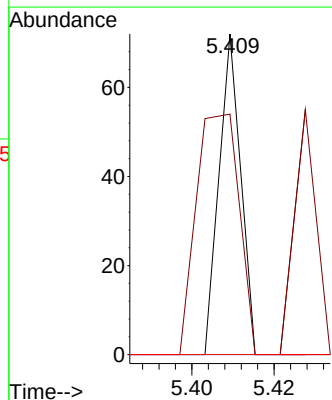
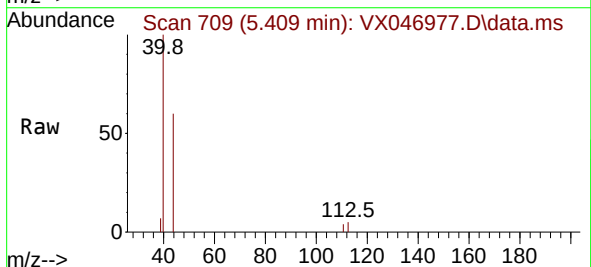
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-09-G

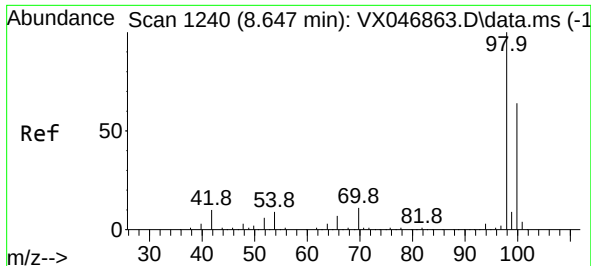
Tgt Ion:114 Resp: 593288
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.4
88 16.4 0.0 31.0



#35
Dibromofluoromethane
Concen: 0.006 ug/l
RT: 5.409 min Scan# 709
Delta R.T. 0.012 min
Lab File: VX046977.D
Acq: 14 Jul 2025 16:28

Tgt Ion:113 Resp: 26
Ion Ratio Lower Upper
113 100
111 150.0 81.2 121.8#
192 0.0 15.3 22.9#

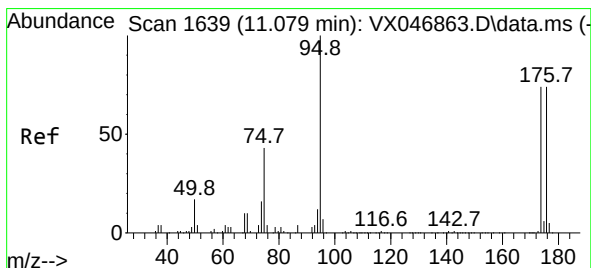
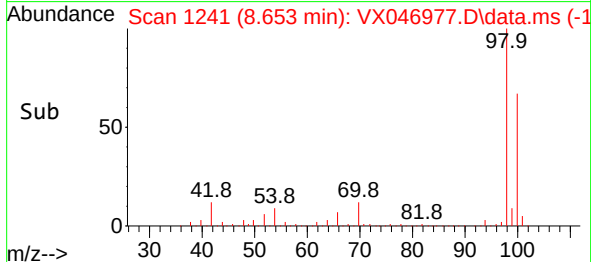
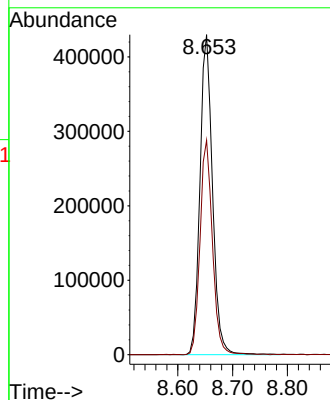
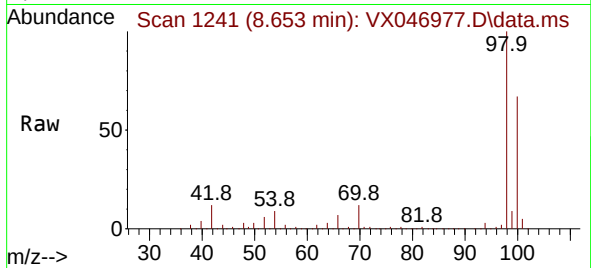




#50
Toluene-d8
Concen: 48.035 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046977.D
Acq: 14 Jul 2025 16:28

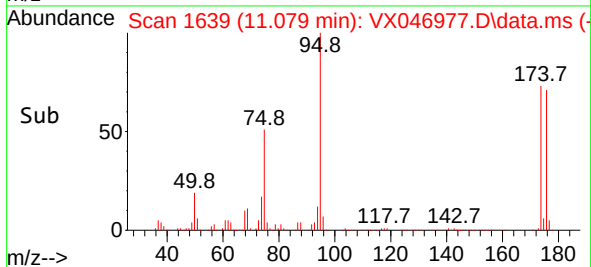
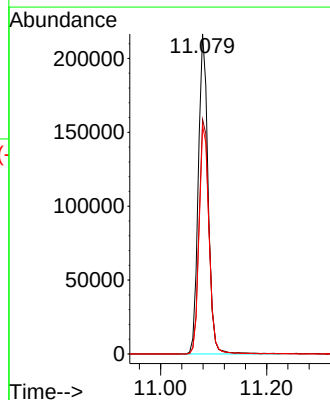
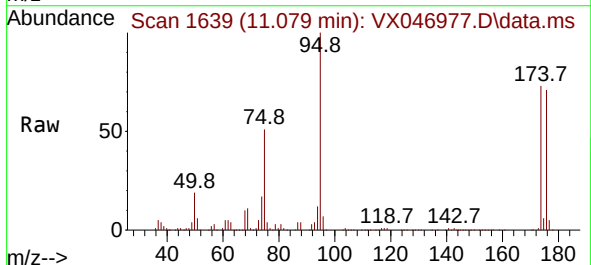
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-09-G

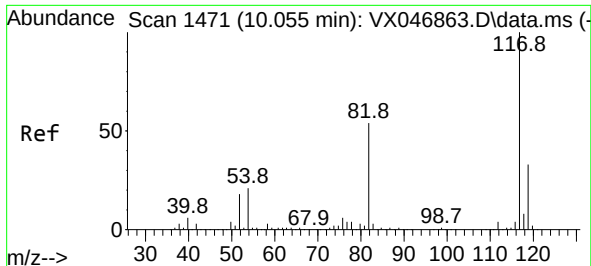
Tgt Ion: 98 Resp: 682529
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 51.057 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046977.D
Acq: 14 Jul 2025 16:28

Tgt Ion: 95 Resp: 275720
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.0
176 72.4 0.0 145.2

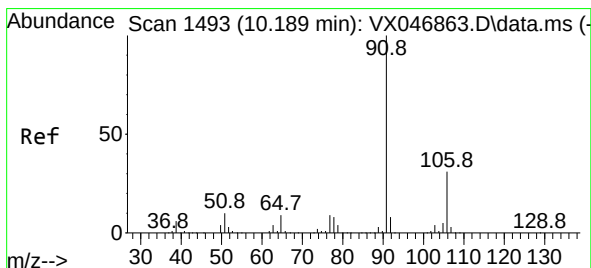
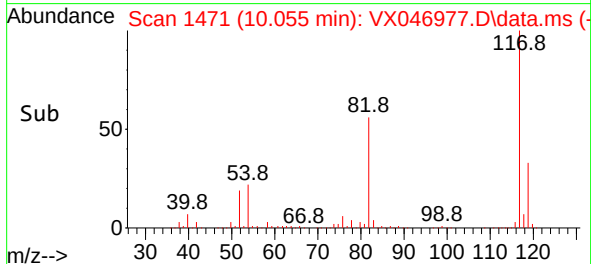
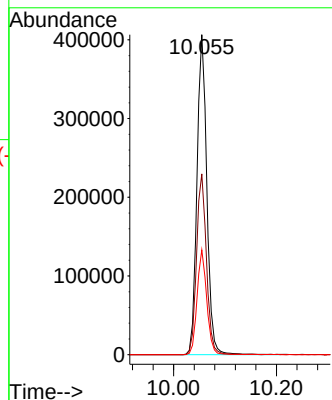
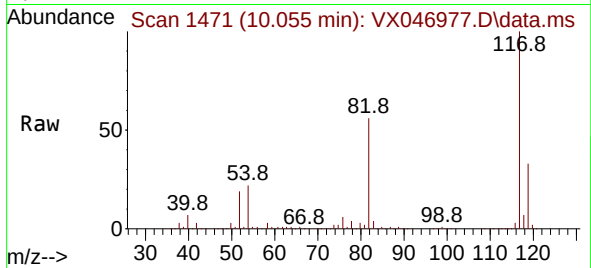




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046977.D
Acq: 14 Jul 2025 16:28

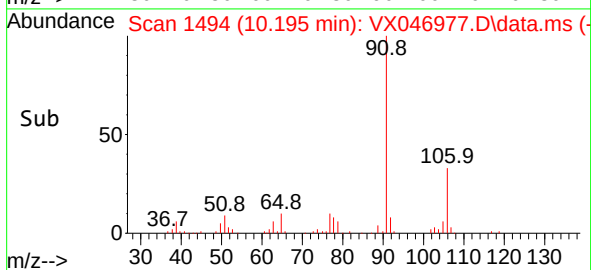
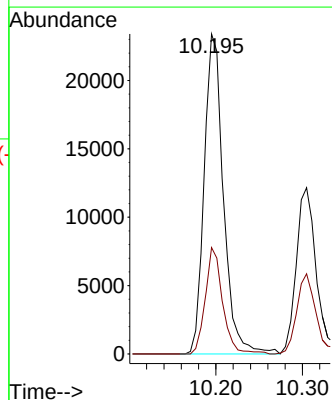
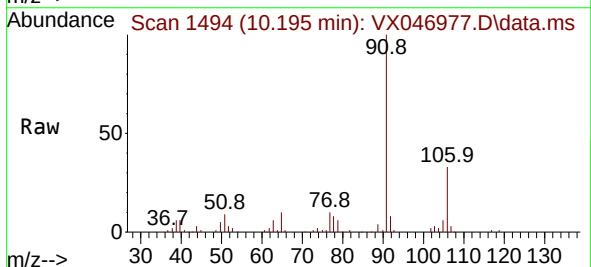
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-09-G

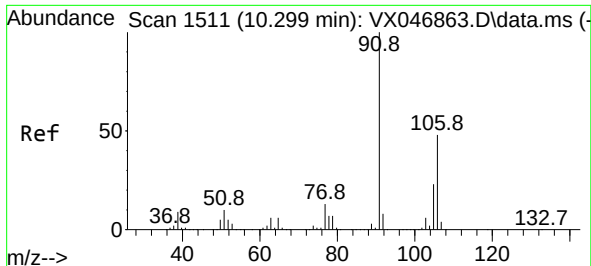
Tgt Ion:117 Resp: 543136
Ion Ratio Lower Upper
117 100
82 56.5 43.3 64.9
119 32.8 26.4 39.6



#67
Ethyl Benzene
Concen: 1.798 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046977.D
Acq: 14 Jul 2025 16:28

Tgt Ion: 91 Resp: 36159
Ion Ratio Lower Upper
91 100
106 33.3 24.4 36.6

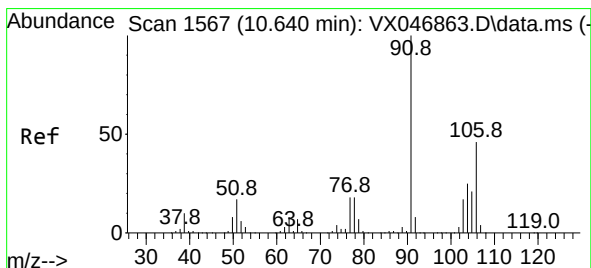
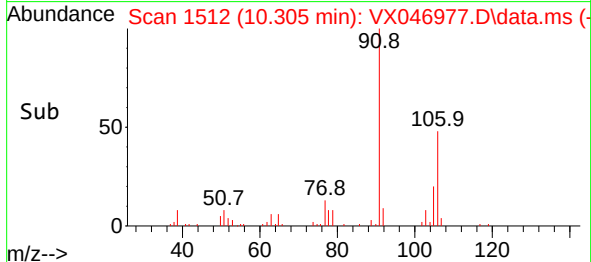
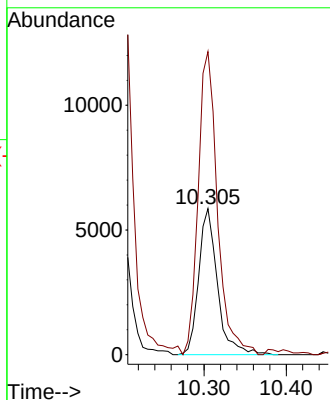
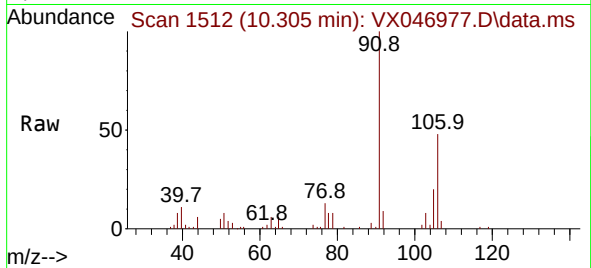




#68
m/p-Xylenes
Concen: 1.229 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX046977.D
Acq: 14 Jul 2025 16:28

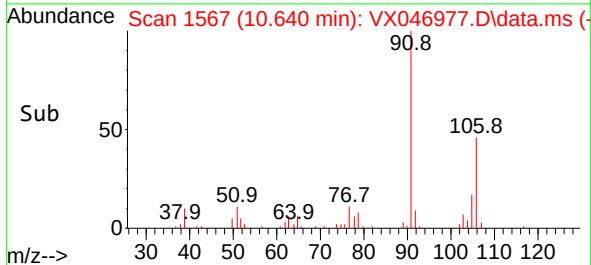
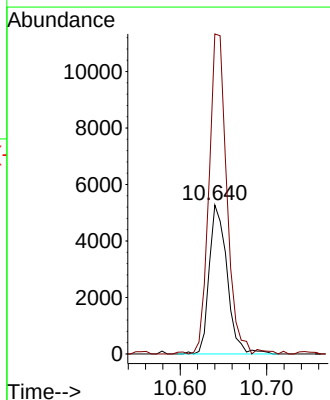
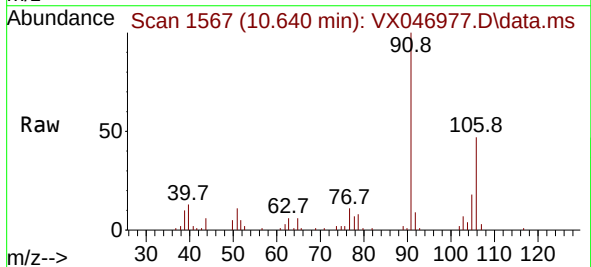
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ClientSampleId :
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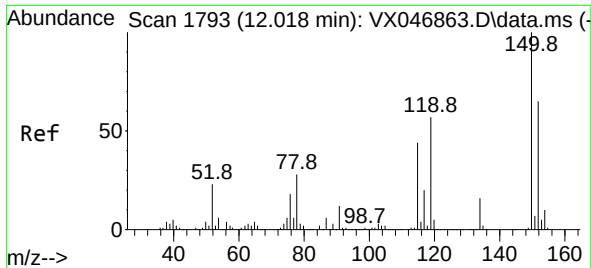
Tgt Ion:106 Resp: 9312
Ion Ratio Lower Upper
106 100
91 212.2 164.6 246.8



#69
o-Xylene
Concen: 1.031 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046977.D
Acq: 14 Jul 2025 16:28

Tgt Ion:106 Resp: 7546
Ion Ratio Lower Upper
106 100
91 215.1 109.5 328.5

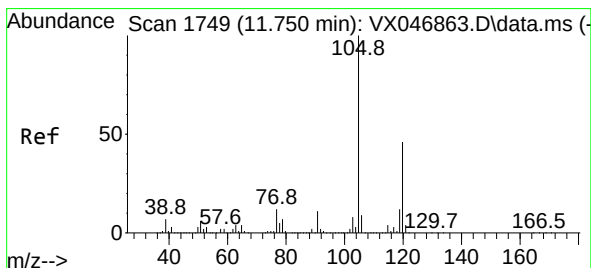
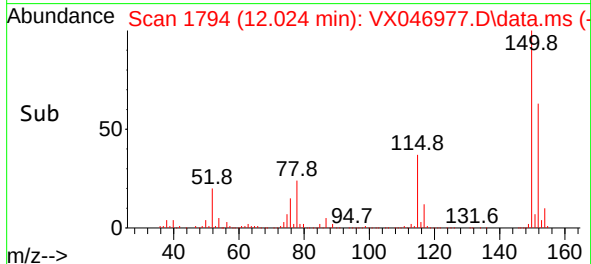
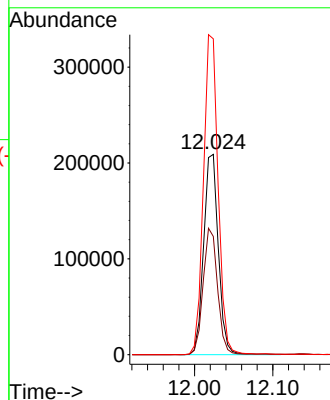
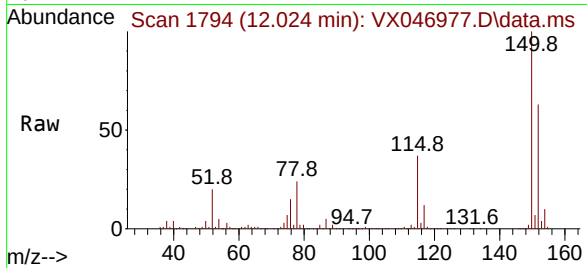




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.006 min
 Lab File: VX046977.D
 Acq: 14 Jul 2025 16:28

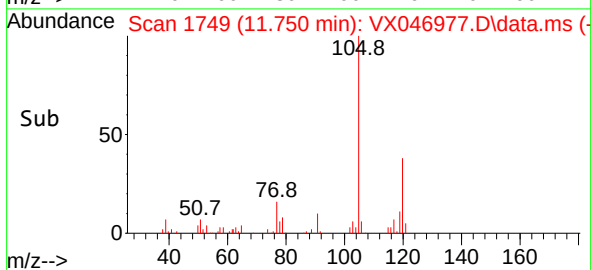
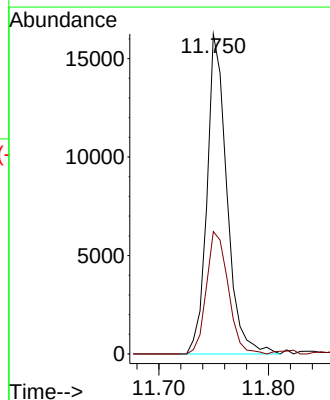
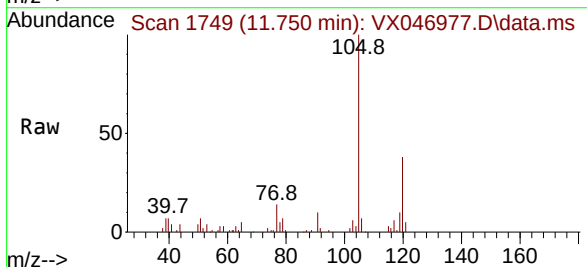
Instrument :
 MSVOA_X
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 WC-A2-09-G

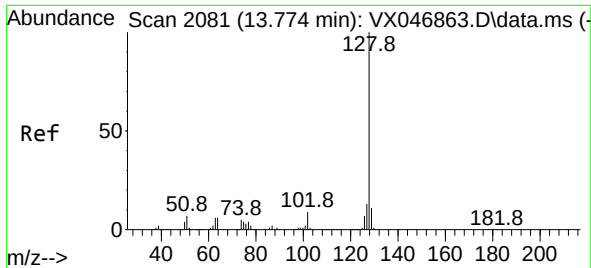
Tgt Ion:152 Resp: 272001
 Ion Ratio Lower Upper
 152 100
 115 61.9 42.4 127.1
 150 159.4 0.0 349.2



#84
 1,2,4-Trimethylbenzene
 Concen: 1.303 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046977.D
 Acq: 14 Jul 2025 16:28

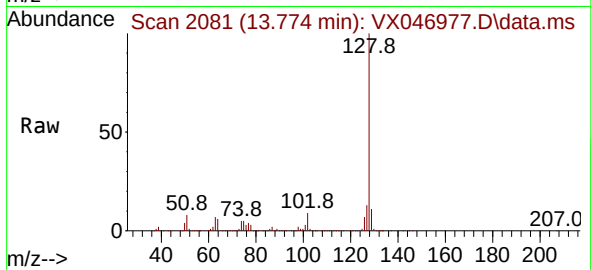
Tgt Ion:105 Resp: 20461
 Ion Ratio Lower Upper
 105 100
 120 41.7 23.3 69.8





#95
Naphthalene
Concen: 174.550 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046977.D
Acq: 14 Jul 2025 16:28

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-09-G



Tgt Ion:128 Resp: 2697175
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.6 13.0

