

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX046995.D
 Acq On : 15 Jul 2025 12:51
 Operator : JC/MD
 Sample : Q2578-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-A2-10-GRE

Quant Time: Jul 16 02:24:46 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)

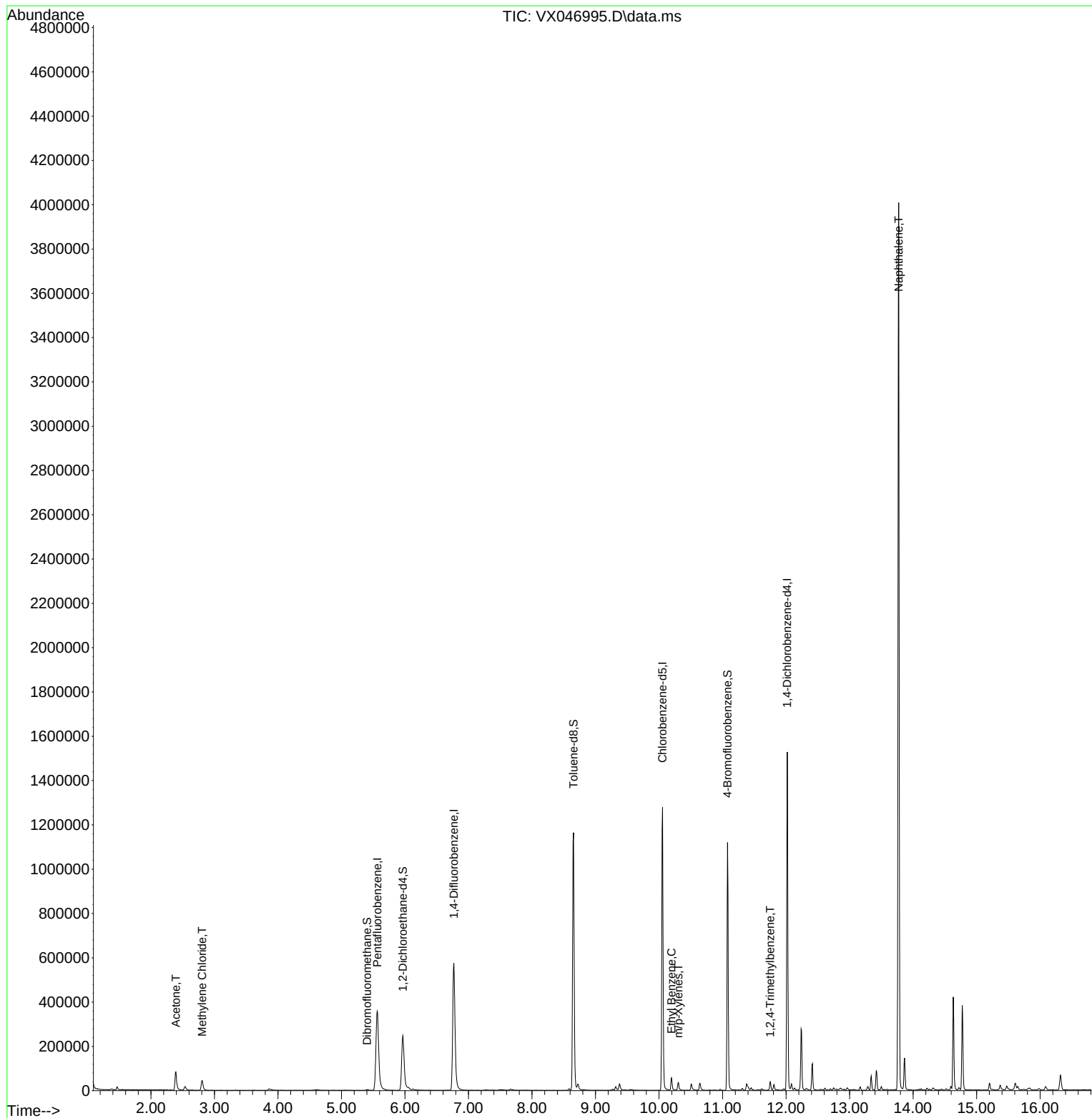
Internal Standards						
1) Pentafluorobenzene	5.562	168	369079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	622167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	571319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	298926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	258363	52.988	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.980%		
35) Dibromofluoromethane	5.403	113	2571	0.609	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 1.220%#		
50) Toluene-d8	8.653	98	727182	48.802	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.600%		
62) 4-Bromofluorobenzene	11.079	95	301031	53.157	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 106.320%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	104732	69.150	ug/l	95
20) Methylene Chloride	2.806	84	21741	4.854	ug/l	94
67) Ethyl Benzene	10.195	91	33490	1.583	ug/l	99
68) m/p-Xylenes	10.305	106	8836	1.109	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	17453	1.011	ug/l	100
95) Naphthalene	13.774	128	2397245	141.166	ug/l	100

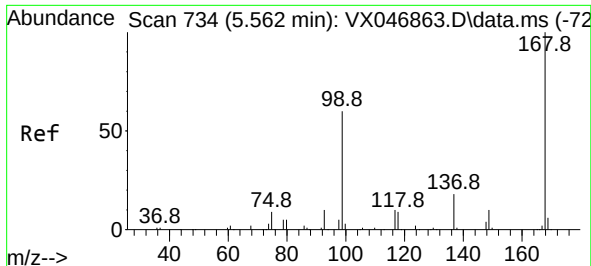
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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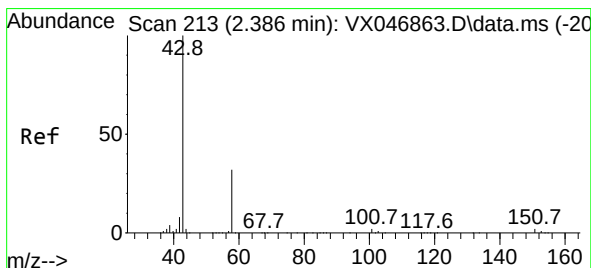
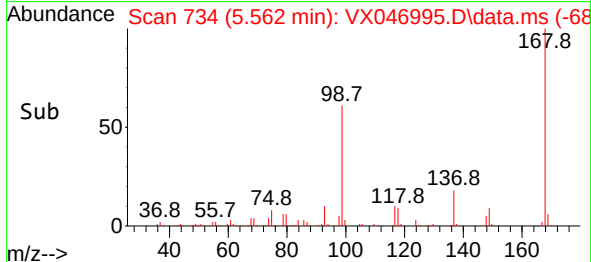
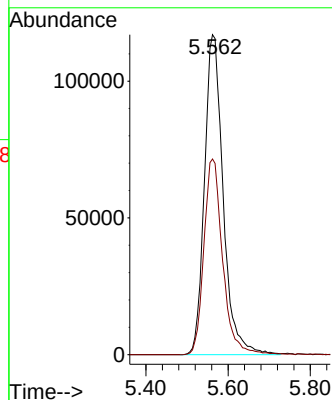
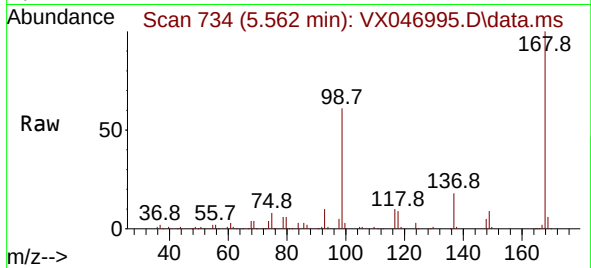




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

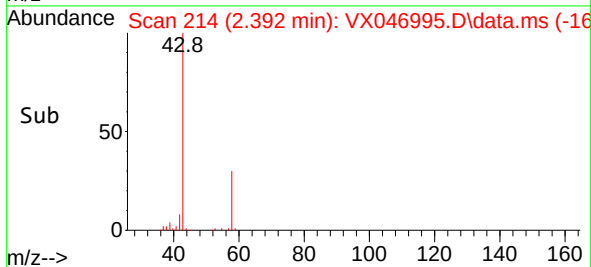
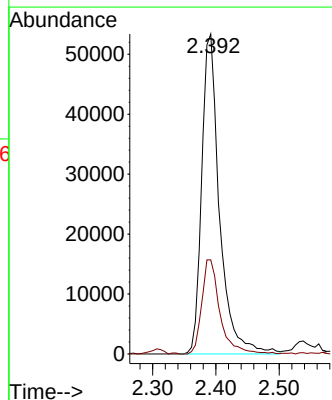
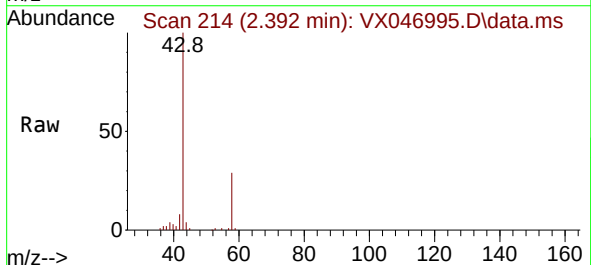
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-10-GRE

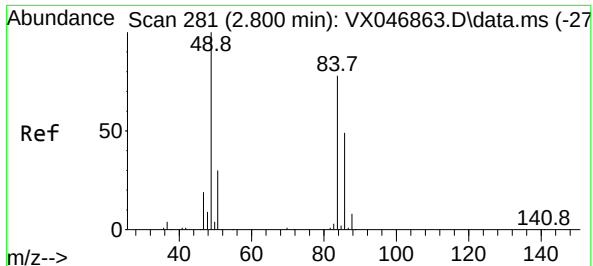
Tgt Ion:168 Resp: 369079
Ion Ratio Lower Upper
168 100
99 61.2 48.8 73.2



#16
Acetone
Concen: 69.150 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

Tgt Ion: 43 Resp: 104732
Ion Ratio Lower Upper
43 100
58 29.4 25.8 38.6

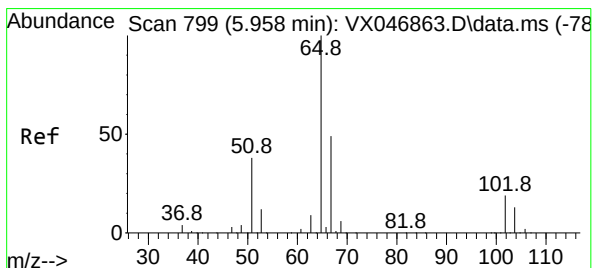
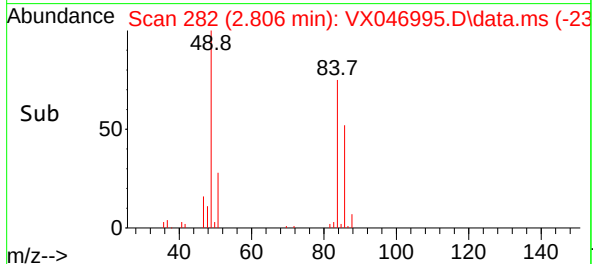
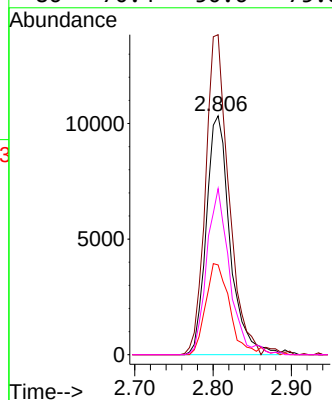
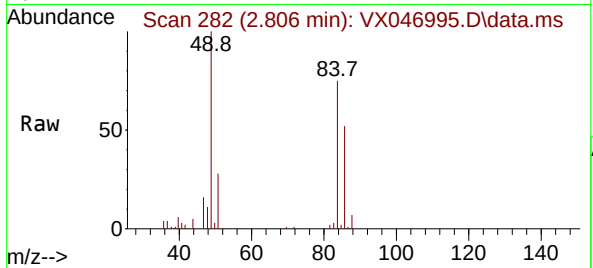




#20
Methylene Chloride
Concen: 4.854 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

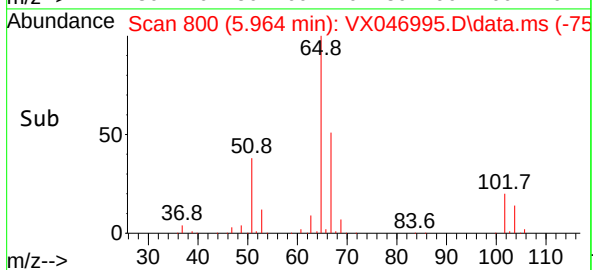
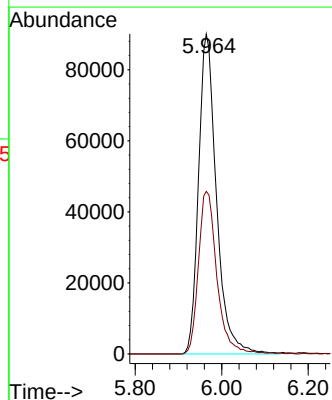
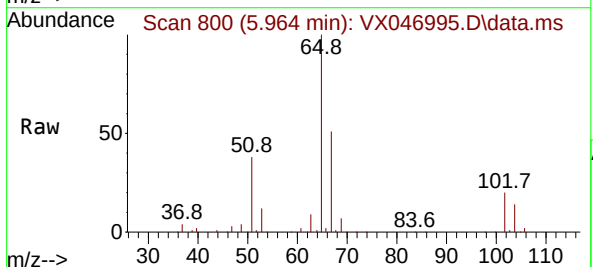
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-10-GRE

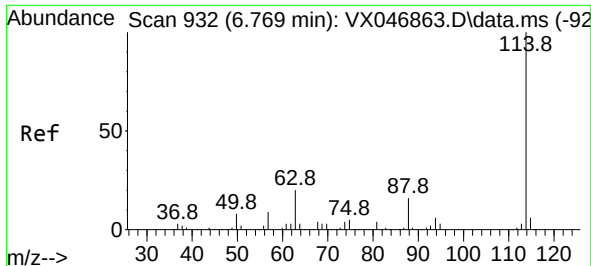
Tgt Ion: 84 Resp: 21741
Ion Ratio Lower Upper
84 100
49 134.0 102.8 154.2
51 37.6 31.1 46.7
86 70.4 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 52.988 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

Tgt Ion: 65 Resp: 258363
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2

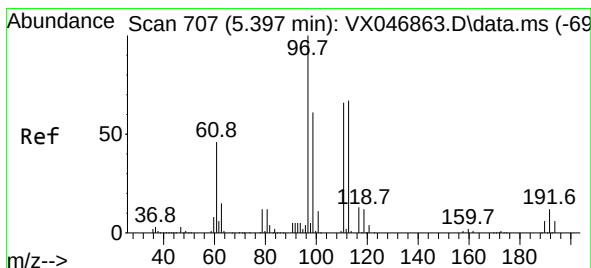
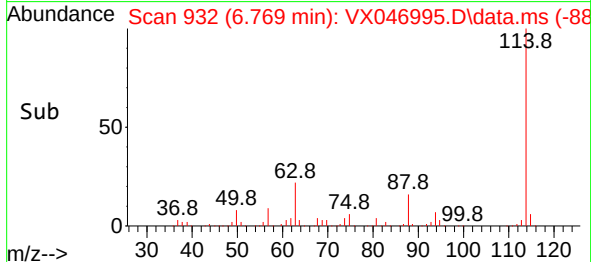
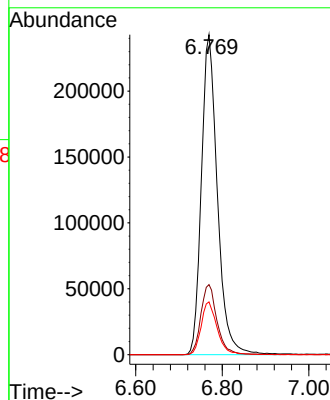
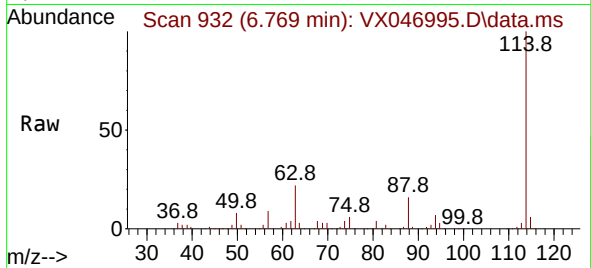




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

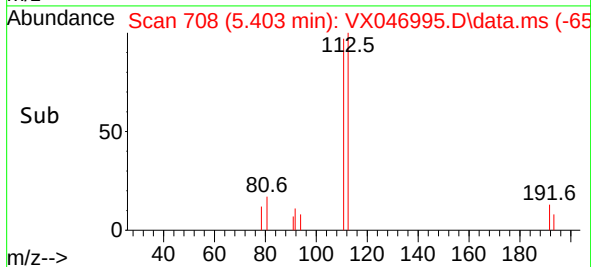
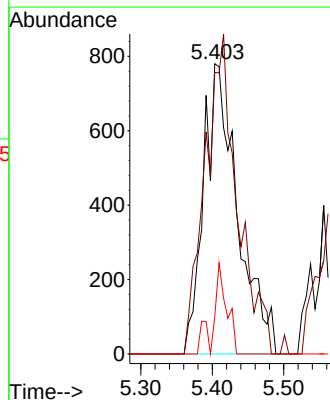
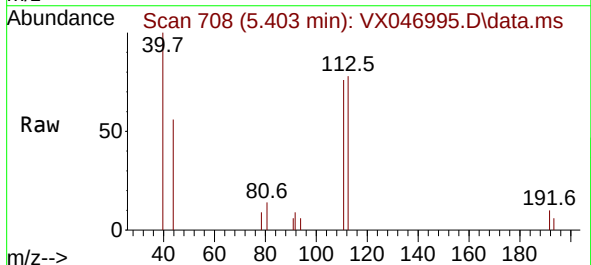
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-10-GRE

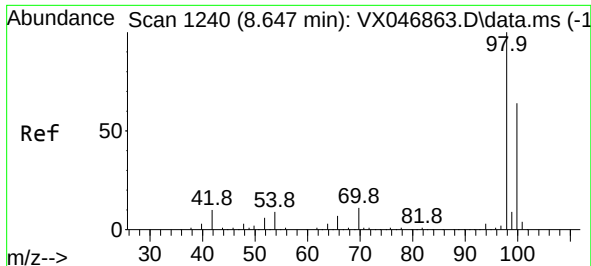
Tgt Ion:114 Resp: 622167
Ion Ratio Lower Upper
114 100
63 24.7 0.0 40.4
88 16.5 0.0 31.0



#35
Dibromofluoromethane
Concen: 0.609 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

Tgt Ion:113 Resp: 2571
Ion Ratio Lower Upper
113 100
111 104.7 81.2 121.8
192 12.6 15.3 22.9#

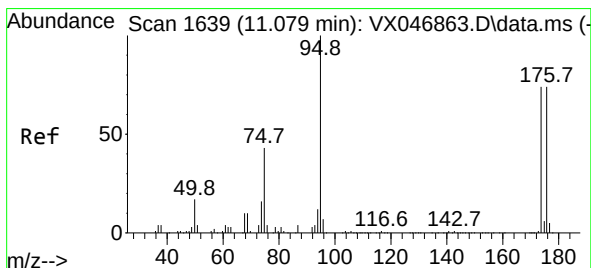
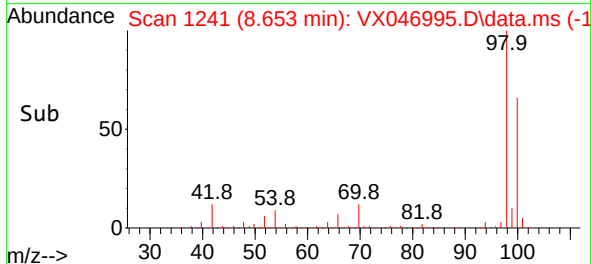
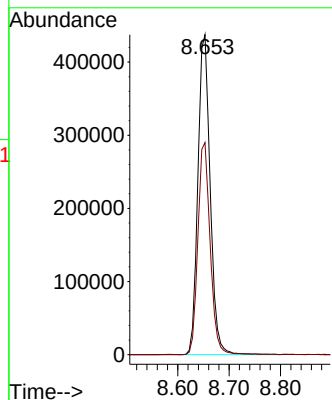
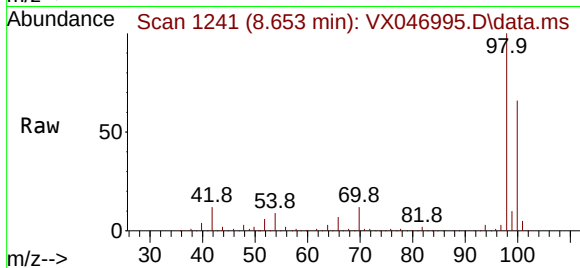




#50
Toluene-d8
Concen: 48.802 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

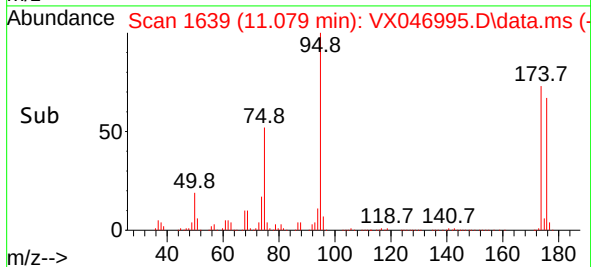
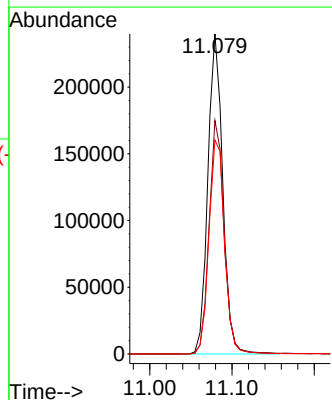
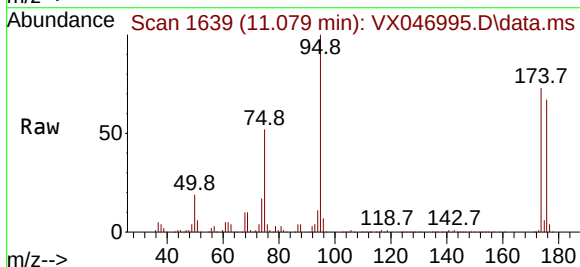
Instrument :
MSVOA_X
ClientSampleId :
WC-A2-10-GRE

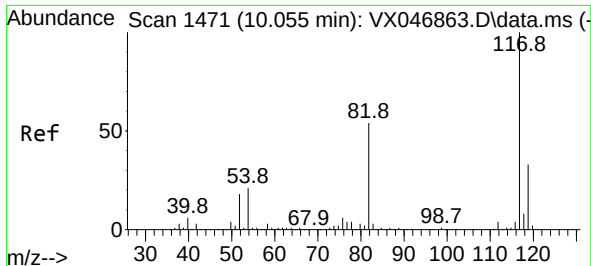
Tgt Ion: 98 Resp: 727182
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 53.157 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

Tgt Ion: 95 Resp: 301031
Ion Ratio Lower Upper
95 100
174 73.4 0.0 152.0
176 70.4 0.0 145.2

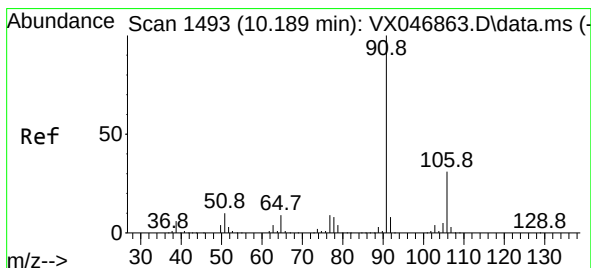
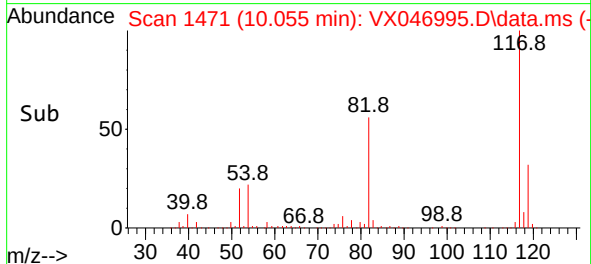
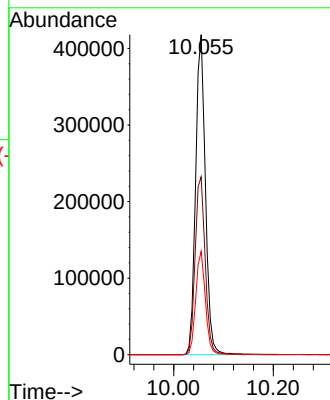
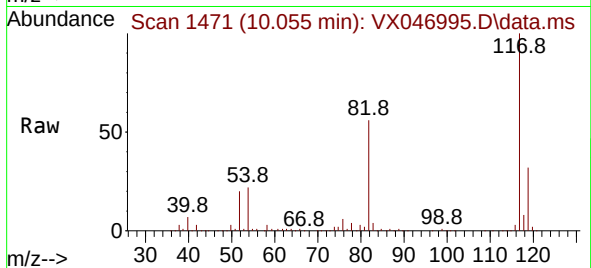




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

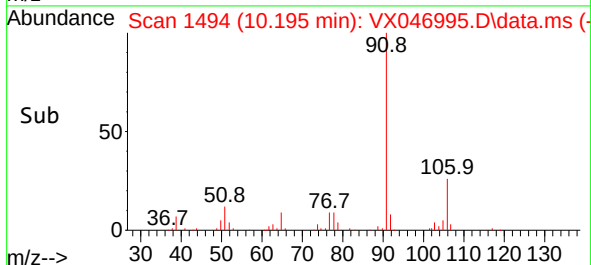
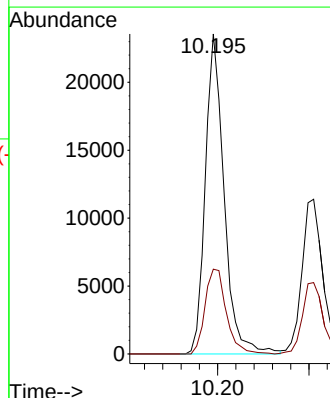
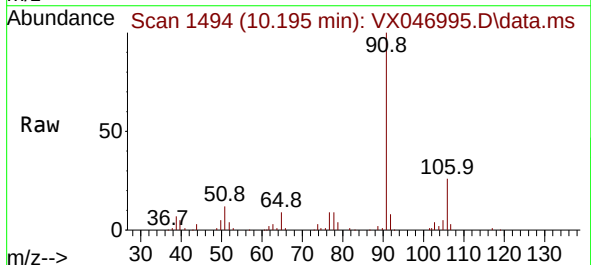
Instrument :
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ClientSampleId :
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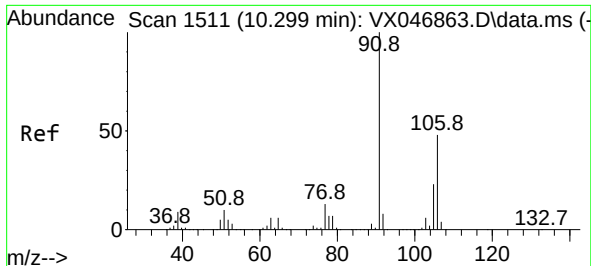
Tgt Ion:117 Resp: 571319
Ion Ratio Lower Upper
117 100
82 55.6 43.3 64.9
119 32.3 26.4 39.6



#67
Ethyl Benzene
Concen: 1.583 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

Tgt Ion: 91 Resp: 33490
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6

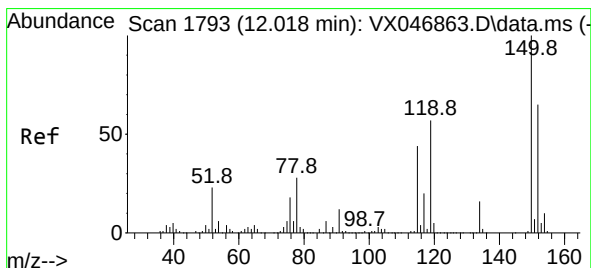
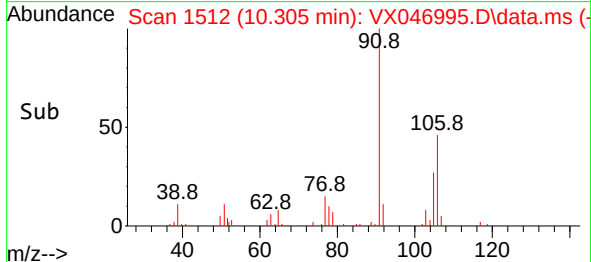
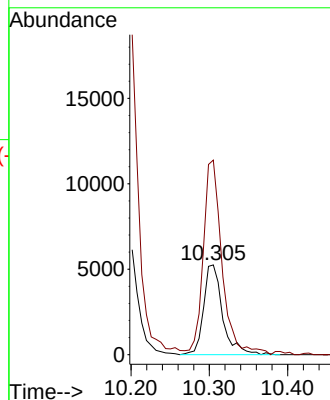
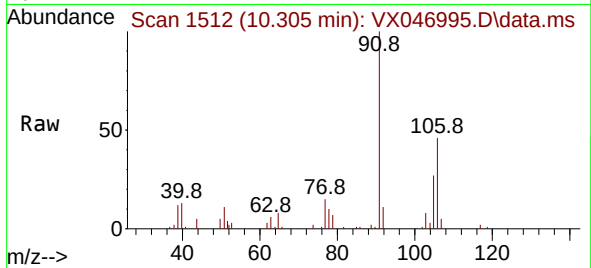




#68
m/p-Xylenes
Concen: 1.109 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

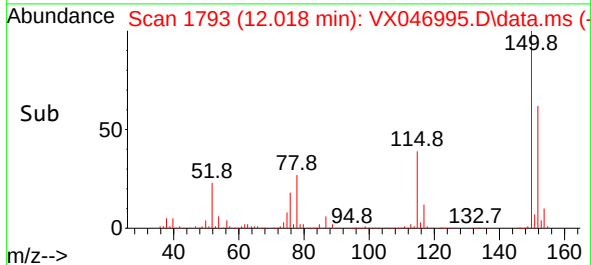
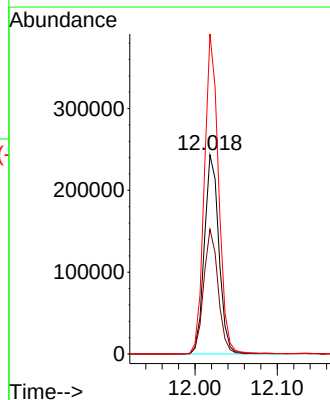
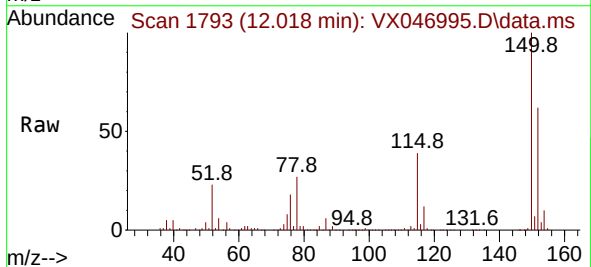
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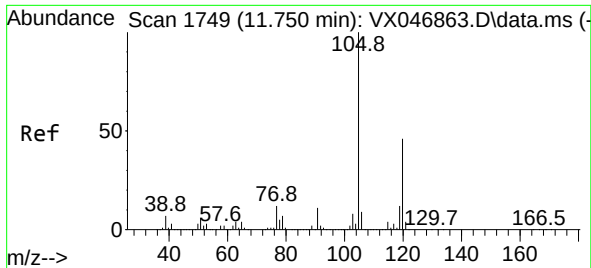
Tgt Ion:106 Resp: 8836
Ion Ratio Lower Upper
106 100
91 214.3 164.6 246.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

Tgt Ion:152 Resp: 298926
Ion Ratio Lower Upper
152 100
115 62.2 42.4 127.1
150 157.5 0.0 349.2

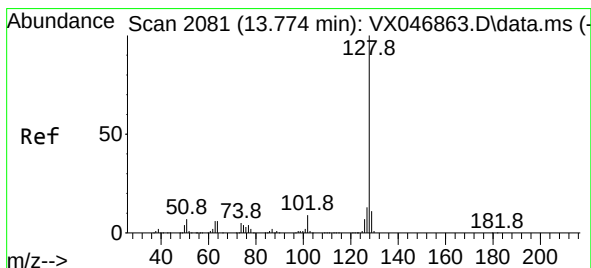
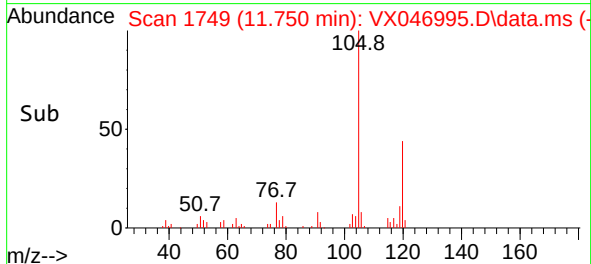
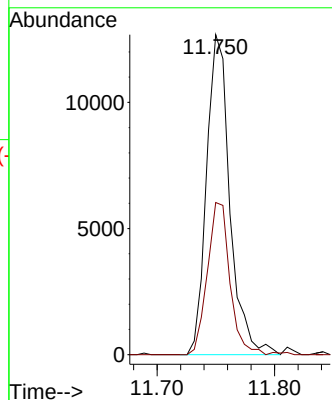
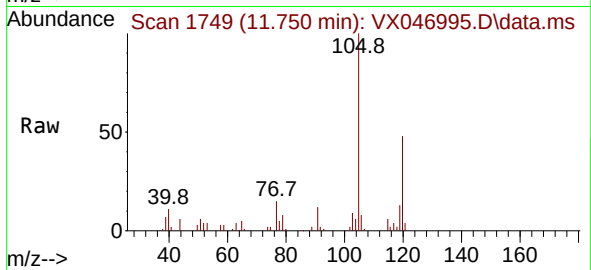




#84
1,2,4-Trimethylbenzene
Concen: 1.011 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :
WC-A2-10-GRE

Tgt Ion:105 Resp: 17453
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8



#95
Naphthalene
Concen: 141.166 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046995.D
Acq: 15 Jul 2025 12:51

Tgt Ion:128 Resp: 2397245
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 13.0

