

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042062.D
 Acq On : 26 Jun 2024 18:45
 Operator : JC/MD
 Sample : P3073-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW5-20240625

Quant Time: Jun 27 08:57:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

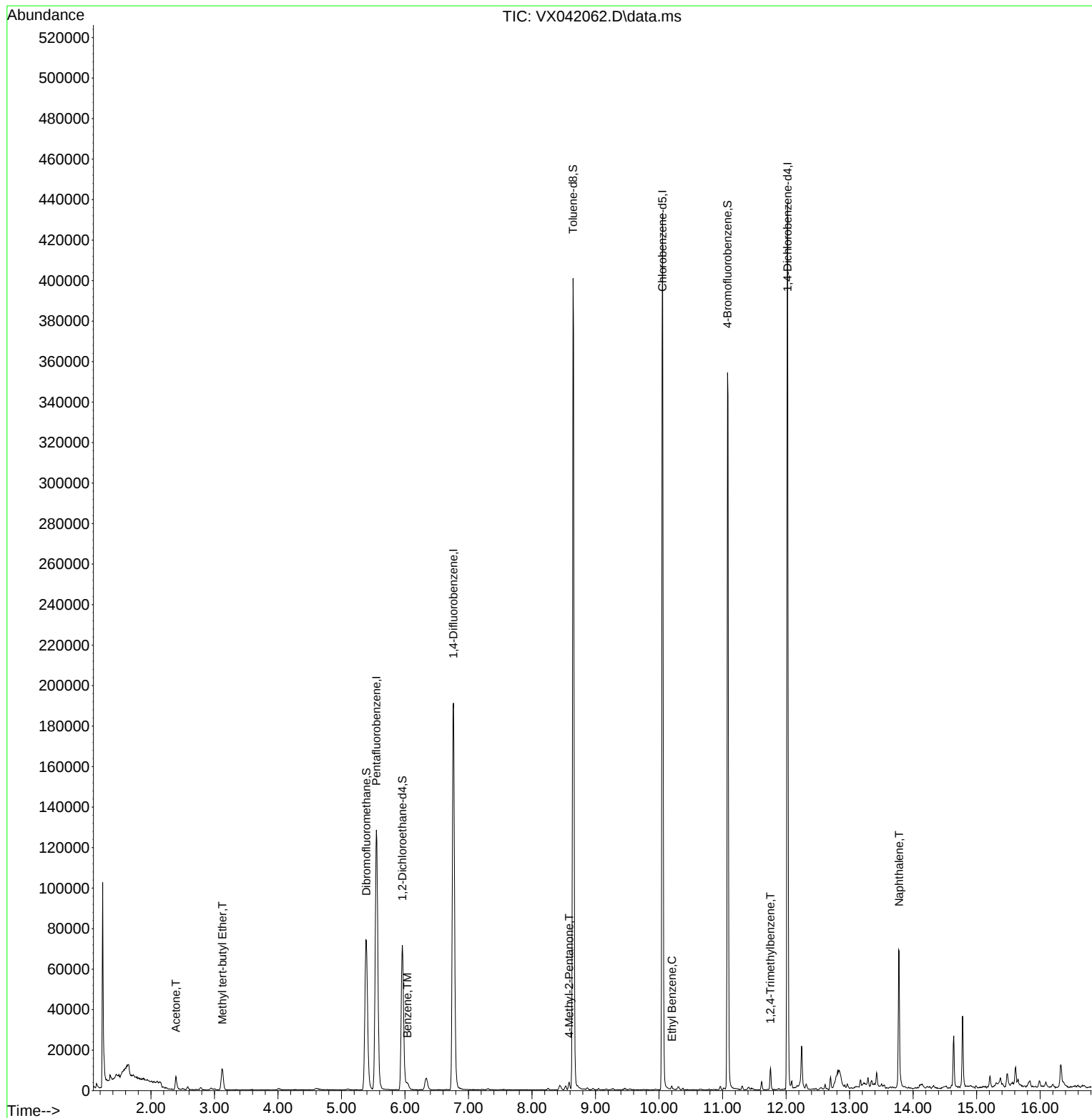
Internal Standards						
1) Pentafluorobenzene	5.550	168	144987	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	220744	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67971	40.655	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.320%
35) Dibromofluoromethane	5.391	113	67925	43.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.740%
50) Toluene-d8	8.647	98	254185	46.195	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.380%
62) 4-Bromofluorobenzene	11.079	95	97148	47.895	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.800%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	6810	9.276	ug/l	# 83
19) Methyl tert-butyl Ether	3.123	73	12670	3.067	ug/l	98
40) Benzene	6.037	78	4075	0.726	ug/l	98
51) 4-Methyl-2-Pentanone	8.586	43	2602	1.136	ug/l	91
67) Ethyl Benzene	10.201	91	1538	0.220	ug/l	# 83
84) 1,2,4-Trimethylbenzene	11.756	105	5259	0.966	ug/l	94
95) Naphthalene	13.780	128	54337	7.716	ug/l	100

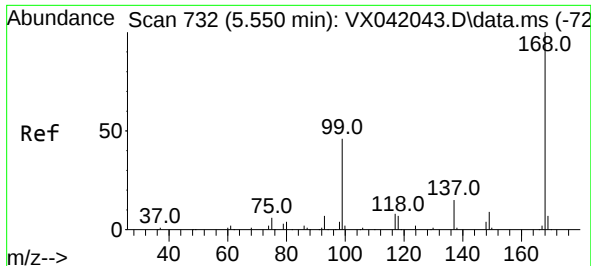
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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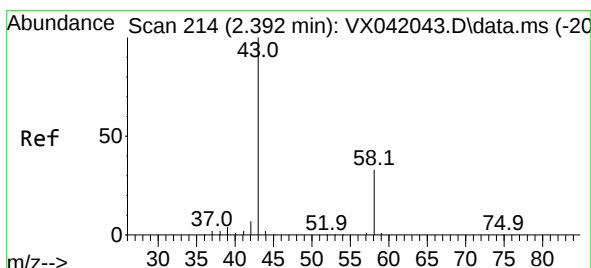
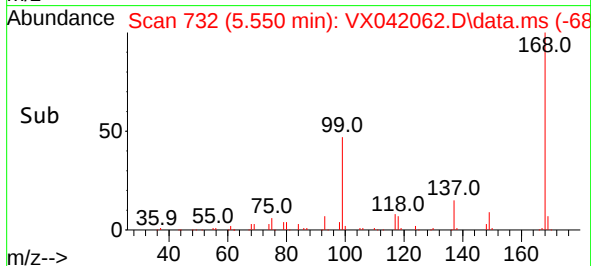
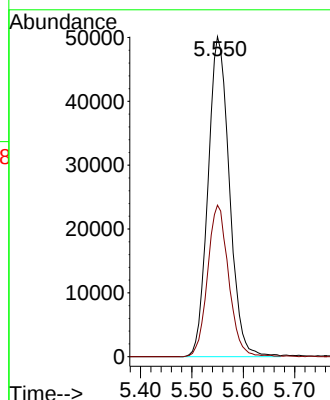
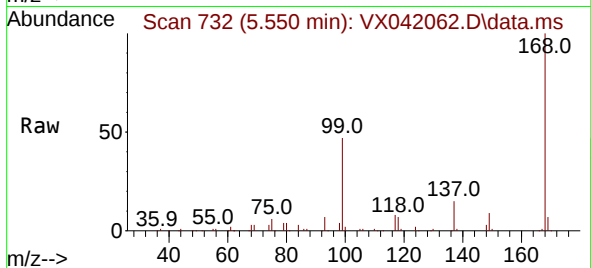




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

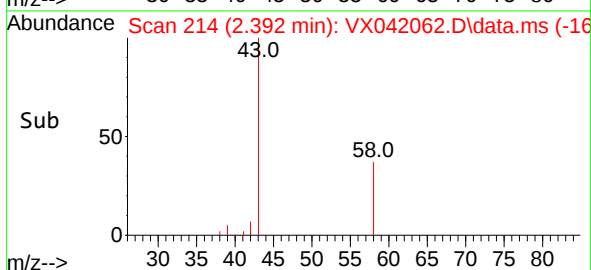
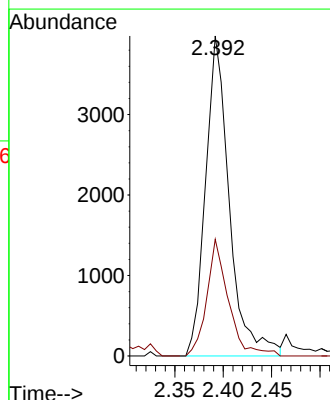
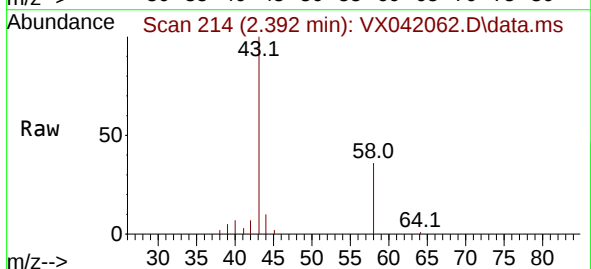
Instrument :
MSVOA_X
ClientSampleId :
MW5-20240625

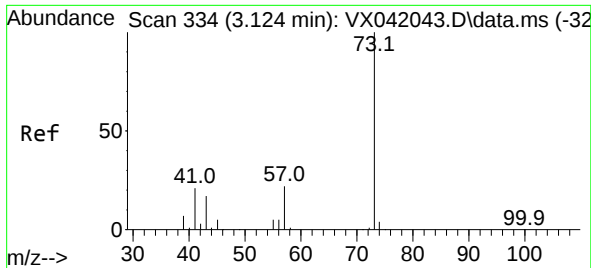
Tgt Ion:168 Resp: 144987
Ion Ratio Lower Upper
168 100
99 47.3 56.6 85.0#



#16
Acetone
Concen: 9.276 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Tgt Ion: 43 Resp: 6810
Ion Ratio Lower Upper
43 100
58 36.4 21.9 32.9#

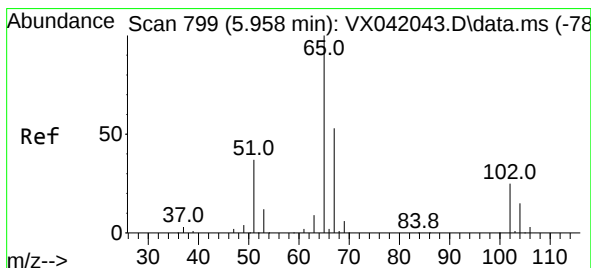
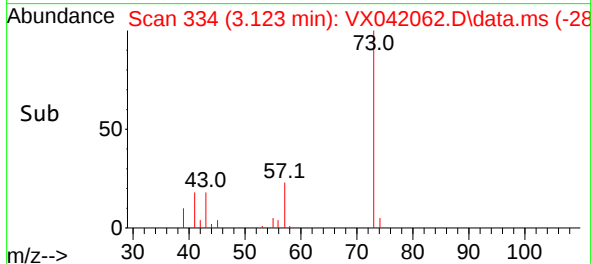
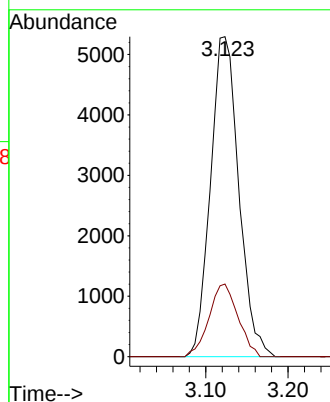
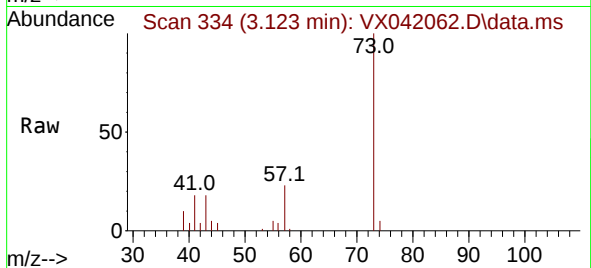




#19
Methyl tert-butyl Ether
Concen: 3.067 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

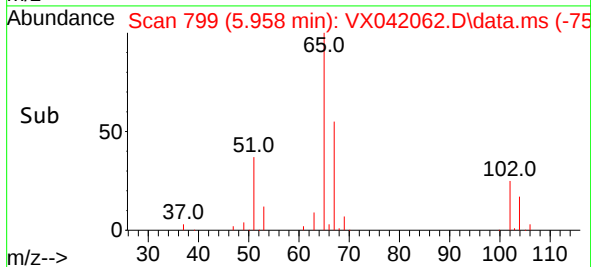
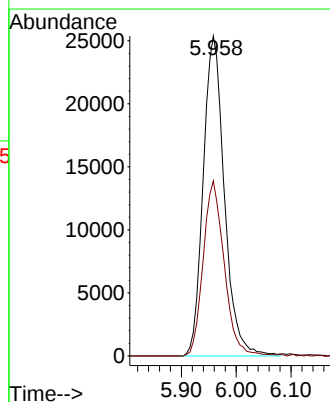
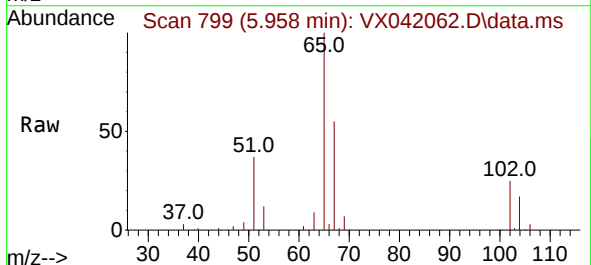
Instrument :
MSVOA_X
ClientSampleId :
MW5-20240625

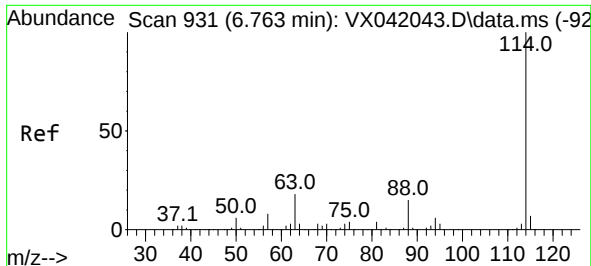
Tgt Ion: 73 Resp: 12670
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#33
1,2-Dichloroethane-d4
Concen: 40.655 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Tgt Ion: 65 Resp: 67971
Ion Ratio Lower Upper
65 100
67 54.5 0.0 100.2

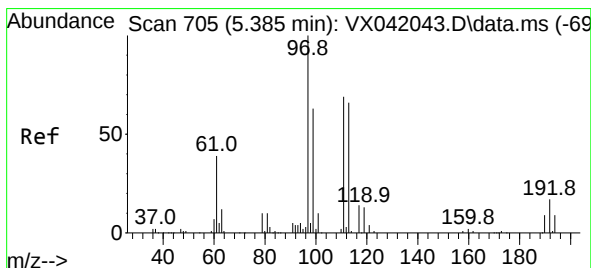
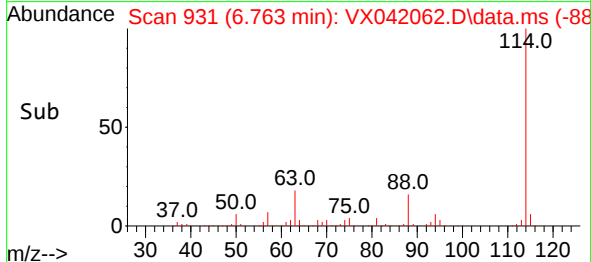
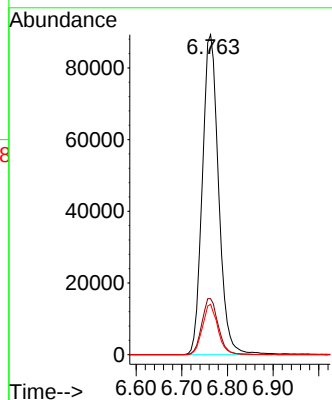
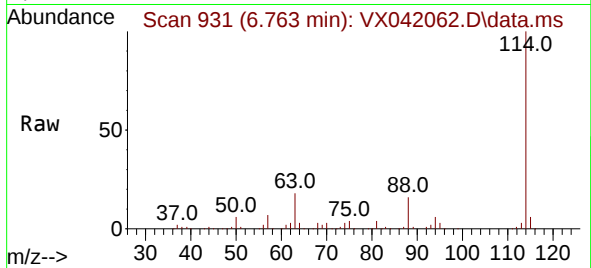




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX042062.D
 Acq: 26 Jun 2024 18:45

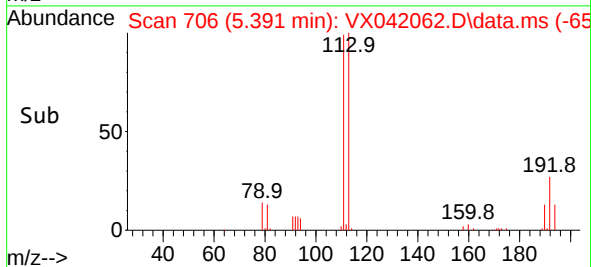
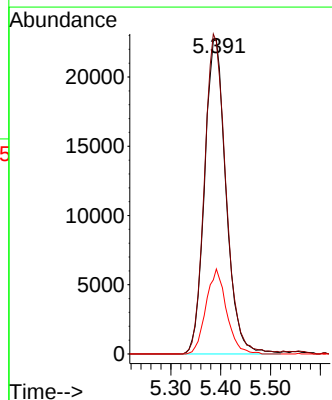
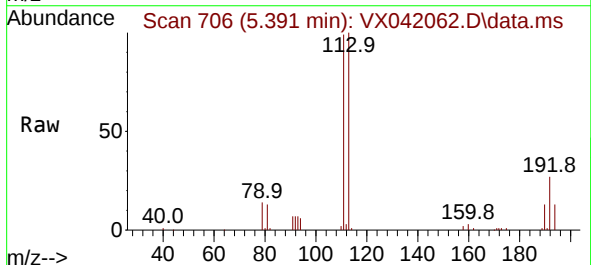
Instrument :
 MSVOA_X
 ClientSampleId :
 MW5-20240625

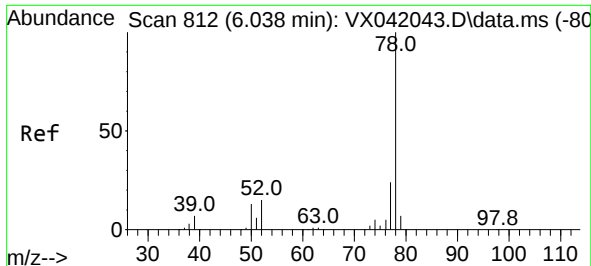
Tgt Ion:114 Resp: 220744
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 45.0
 88 15.7 0.0 36.6



#35
 Dibromofluoromethane
 Concen: 43.367 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX042062.D
 Acq: 26 Jun 2024 18:45

Tgt Ion:113 Resp: 67925
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.9 124.3
 192 25.8 13.3 19.9#

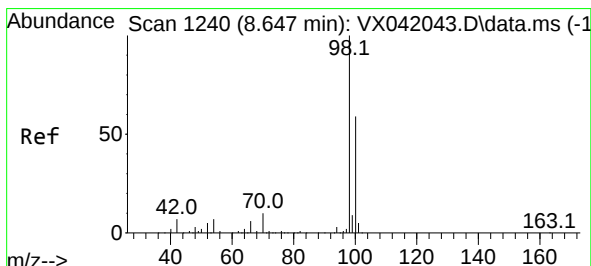
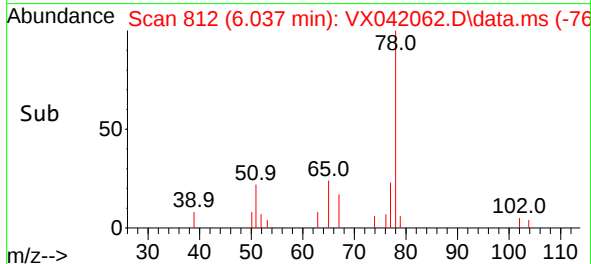
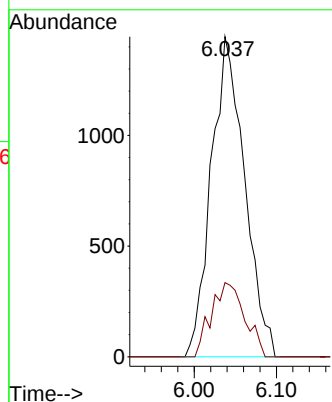
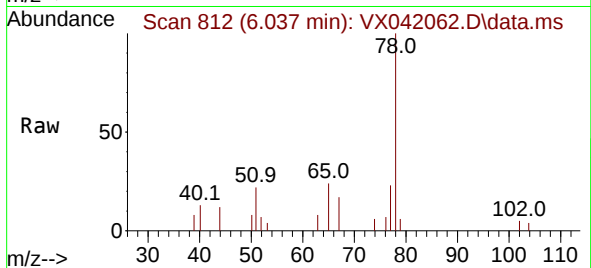




#40
Benzene
Concen: 0.726 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

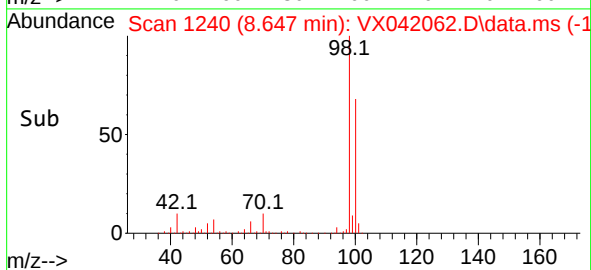
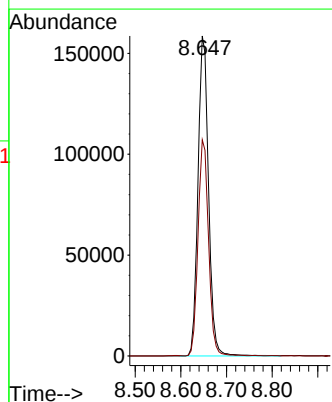
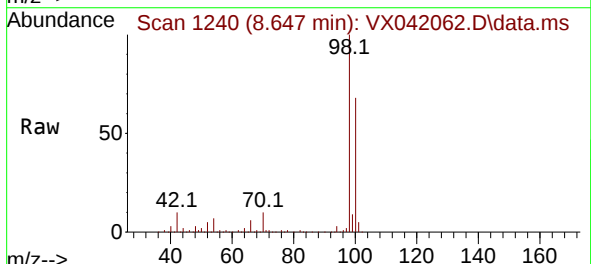
Instrument :
MSVOA_X
ClientSampleId :
MW5-20240625

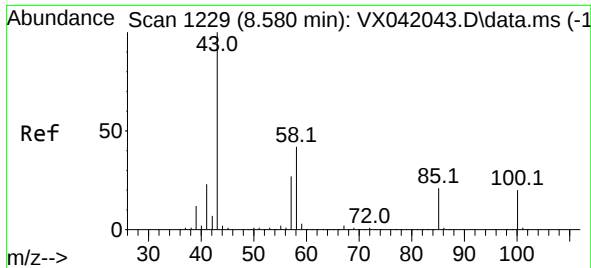
Tgt Ion: 78 Resp: 4075
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9



#50
Toluene-d8
Concen: 46.195 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Tgt Ion: 98 Resp: 254185
Ion Ratio Lower Upper
98 100
100 67.6 53.1 79.7

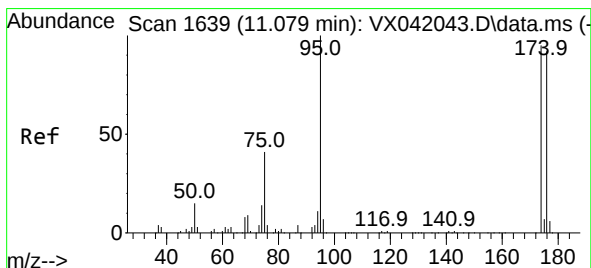
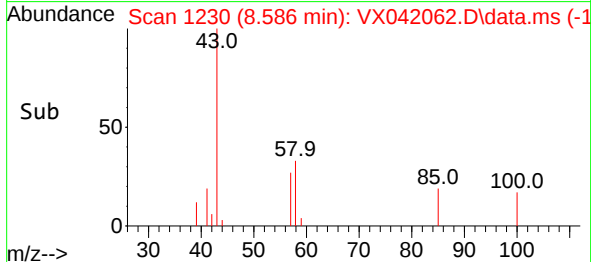
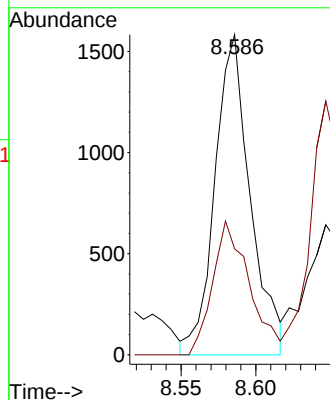
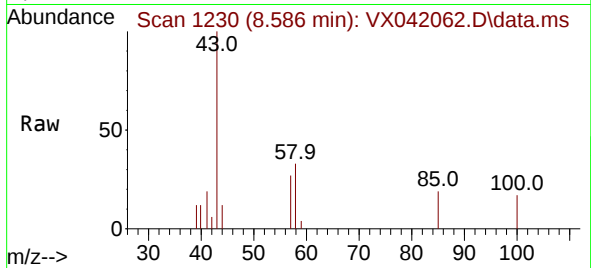




#51
4-Methyl-2-Pentanone
Concen: 1.136 ug/l
RT: 8.586 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

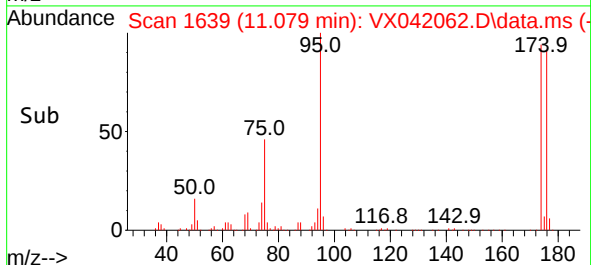
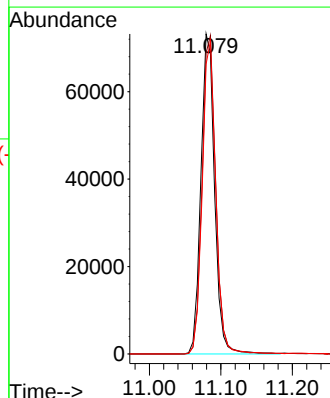
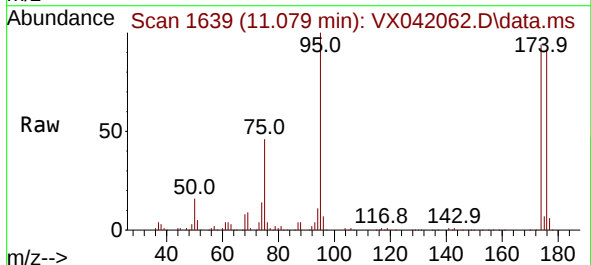
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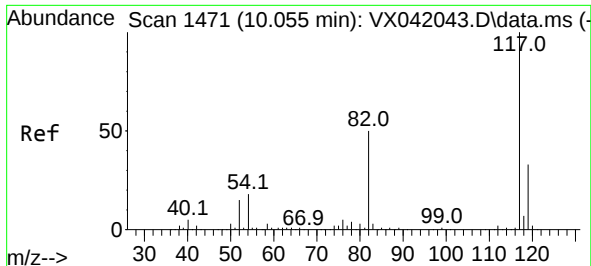
Tgt Ion: 43 Resp: 2602
Ion Ratio Lower Upper
43 100
58 43.4 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 47.895 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Tgt Ion: 95 Resp: 97148
Ion Ratio Lower Upper
95 100
174 99.9 0.0 135.6
176 96.8 0.0 131.0

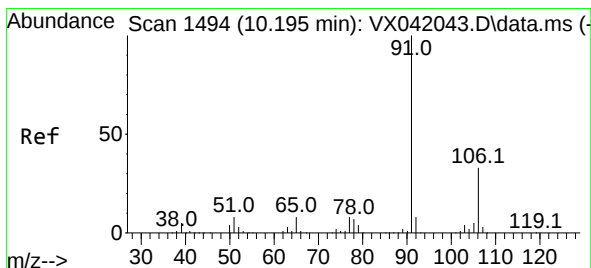
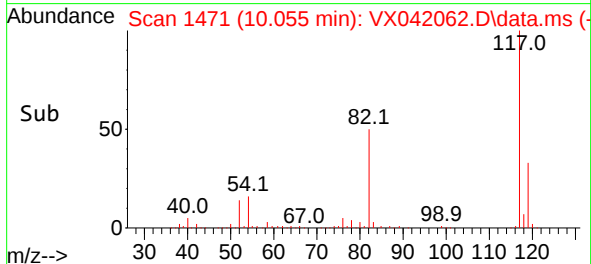
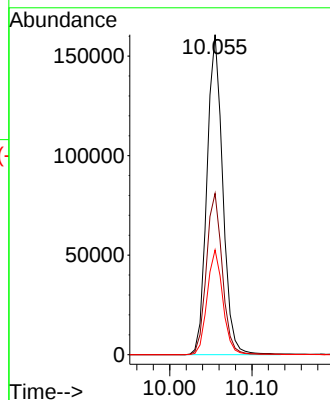
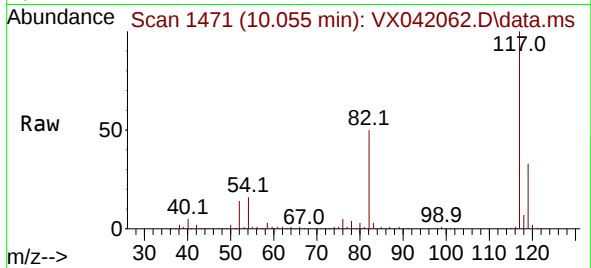




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

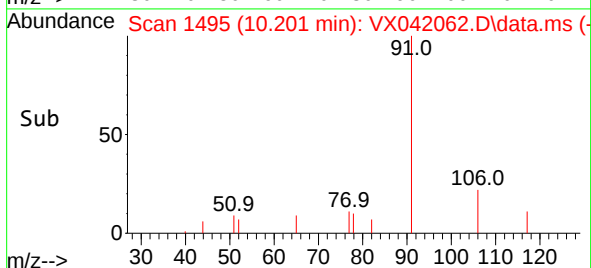
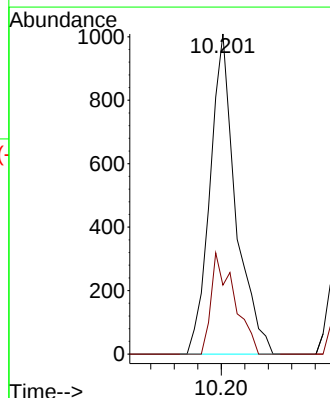
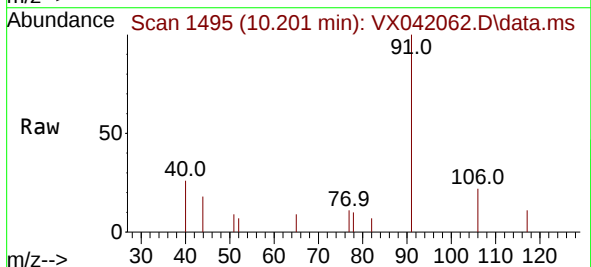
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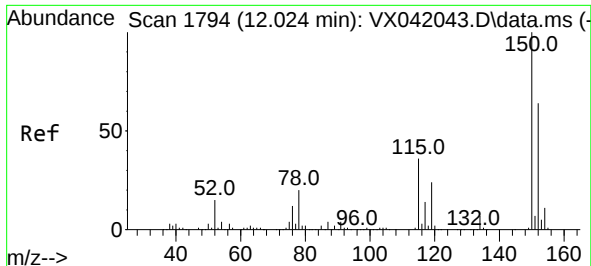
Tgt Ion:117 Resp: 214623
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 32.8 25.5 38.3



#67
Ethyl Benzene
Concen: 0.220 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Tgt Ion: 91 Resp: 1538
Ion Ratio Lower Upper
91 100
106 21.5 24.9 37.3#

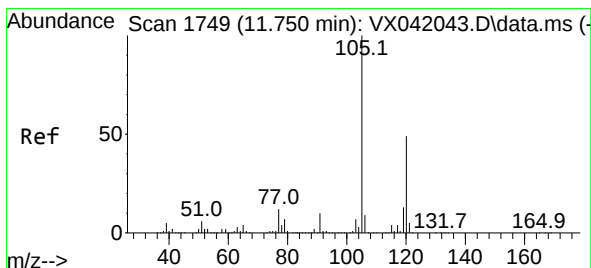
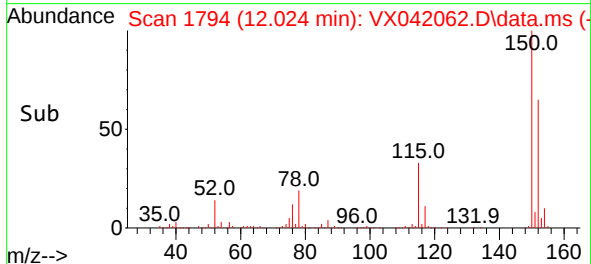
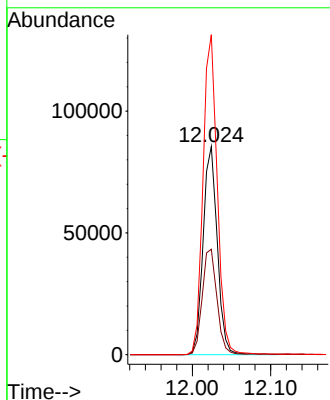
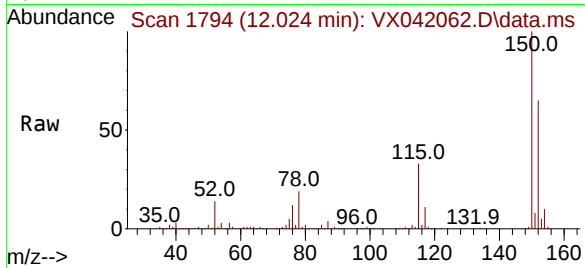




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042062.D
 Acq: 26 Jun 2024 18:45

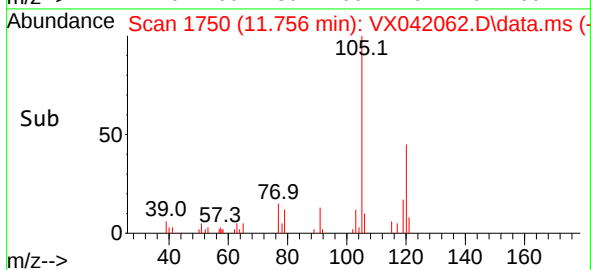
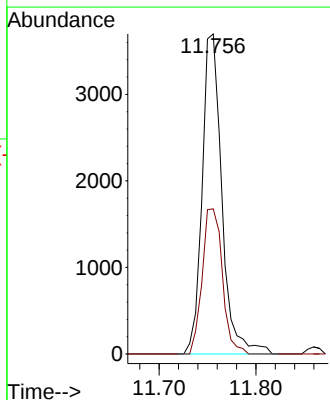
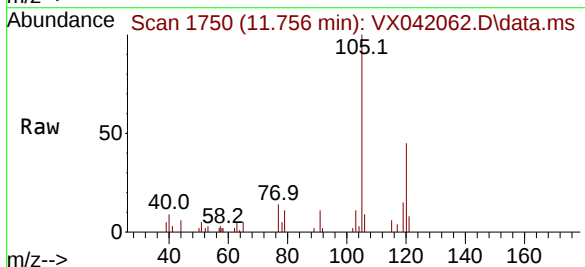
Instrument :
 MSVOA_X
 ClientSampleId :
 MW5-20240625

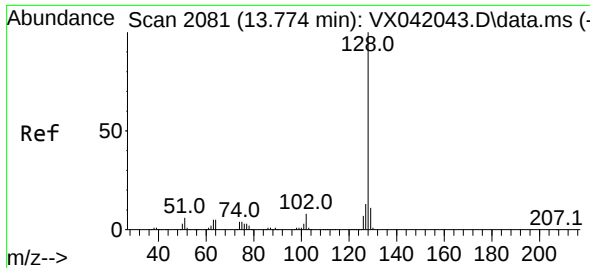
Tgt Ion:152 Resp: 107135
 Ion Ratio Lower Upper
 152 100
 115 52.6 43.3 129.9
 150 154.6 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.966 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX042062.D
 Acq: 26 Jun 2024 18:45

Tgt Ion:105 Resp: 5259
 Ion Ratio Lower Upper
 105 100
 120 46.3 21.2 63.6





#95
Naphthalene
Concen: 7.716 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042062.D
Acq: 26 Jun 2024 18:45

Instrument :
MSVOA_X
ClientSampleId :
MW5-20240625

Tgt Ion:	128	Resp:	54337
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.8	13.2

