

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042108.D
 Acq On : 01 Jul 2024 12:49
 Operator : JC/MD
 Sample : P3073-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW12-20240625DL

Quant Time: Jul 02 02:03:35 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)

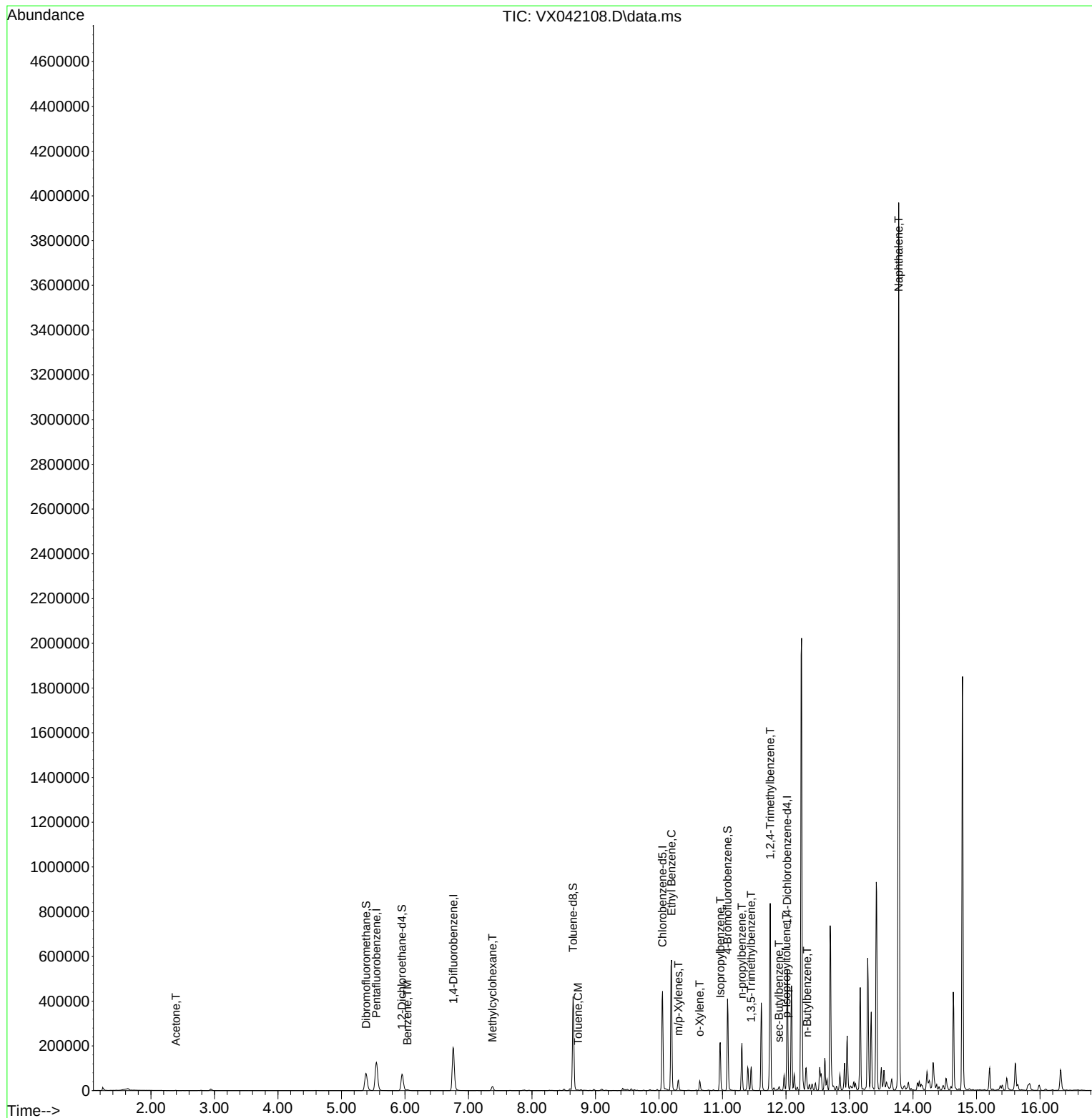
Internal Standards						
1) Pentafluorobenzene	5.550	168	142619	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	220316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70230	42.704	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.400%		
35) Dibromofluoromethane	5.385	113	68614	43.892	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.780%		
50) Toluene-d8	8.647	98	260861	47.500	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.000%		
62) 4-Bromofluorobenzene	11.079	95	104219	51.481	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.960%		
Target Compounds					Qvalue	
16) Acetone	2.392	43	1616	2.238	ug/l	95
39) Methylcyclohexane	7.379	83	8346	3.975	ug/l	95
40) Benzene	6.038	78	4205	0.751	ug/l #	86
52) Toluene	8.726	92	1288	0.361	ug/l	98
67) Ethyl Benzene	10.195	91	352744	48.125	ug/l	97
68) m/p-Xylenes	10.305	106	11849	4.005	ug/l	93
69) o-Xylene	10.640	106	10282	3.510	ug/l	94
73) Isopropylbenzene	10.964	105	119878	16.253	ug/l	97
78) n-propylbenzene	11.305	91	132286	16.530	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	44939	7.315	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	357259	57.964	ug/l	91
85) sec-Butylbenzene	11.890	105	6357m	0.834	ug/l	
86) p-Isopropyltoluene	12.006	119	10930m	1.641	ug/l	
89) n-Butylbenzene	12.329	91	6343m	1.237	ug/l	
95) Naphthalene	13.774	128	2481514	281.813	ug/l	98

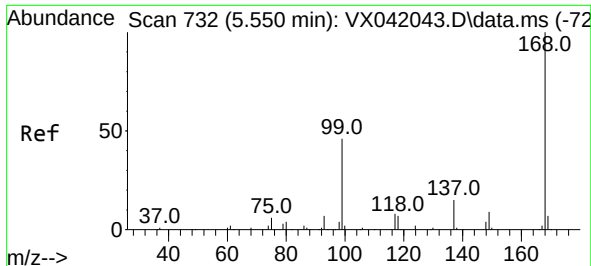
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042108.D
Acq On : 01 Jul 2024 12:49
Operator : JC/MD
Sample : P3073-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW12-20240625DL

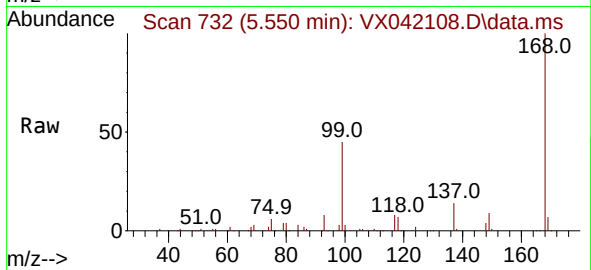
Quant Time: Jul 02 02:03:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



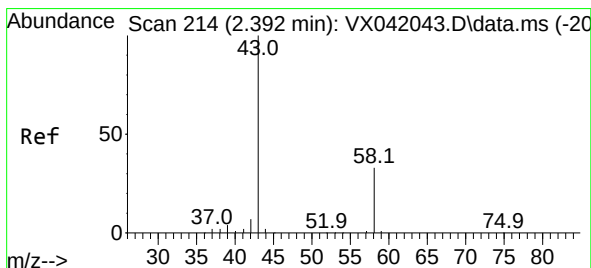
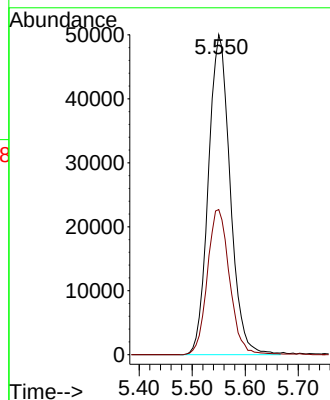
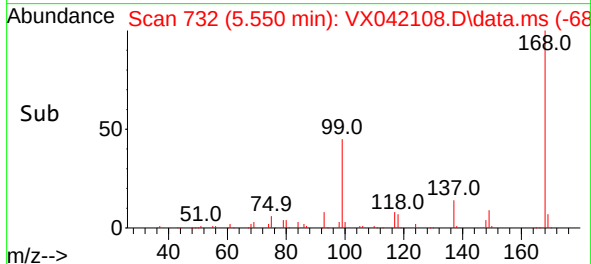


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
MW12-20240625DL

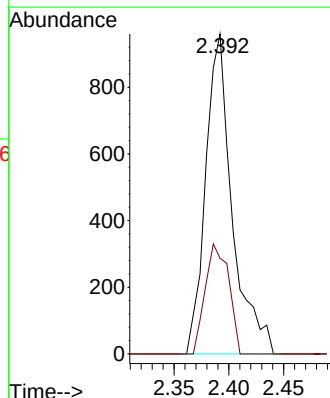
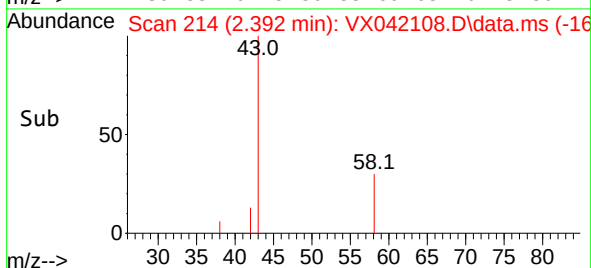
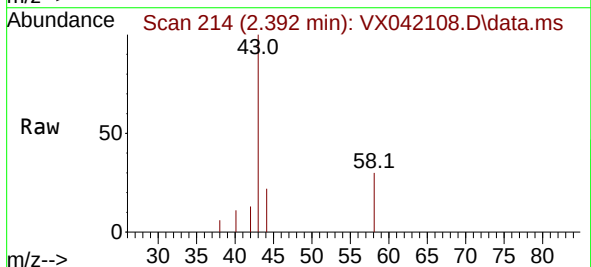


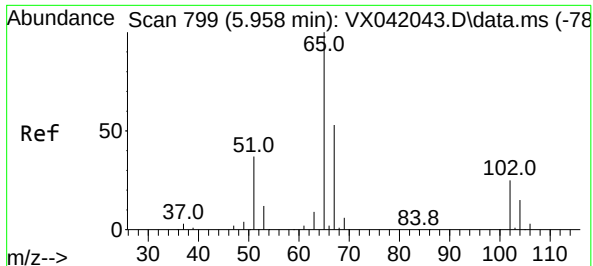
Tgt Ion:168 Resp: 142619
Ion Ratio Lower Upper
168 100
99 45.3 56.6 85.0#



#16
Acetone
Concen: 2.238 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
58 29.9 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 42.704 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042108.D

Acq: 01 Jul 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

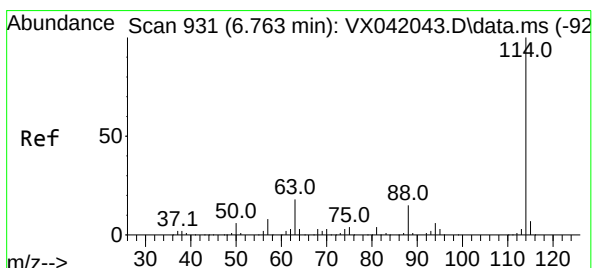
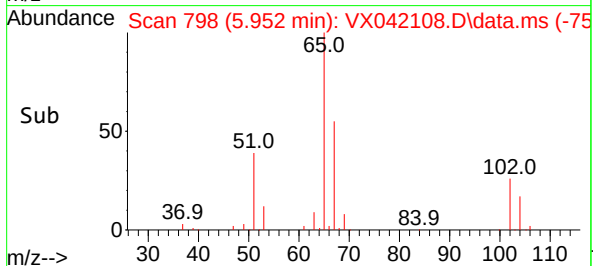
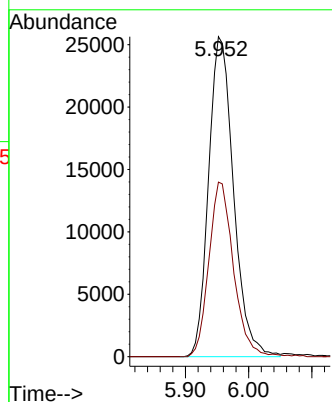
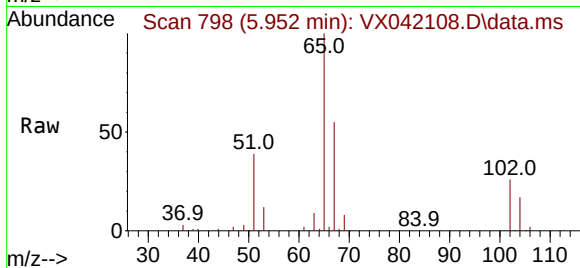
MW12-20240625DL

Tgt Ion: 65 Resp: 70230

Ion Ratio Lower Upper

65 100

67 53.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042108.D

Acq: 01 Jul 2024 12:49

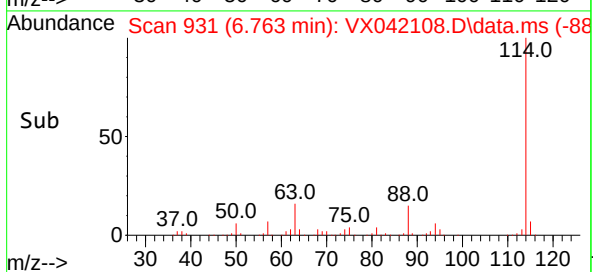
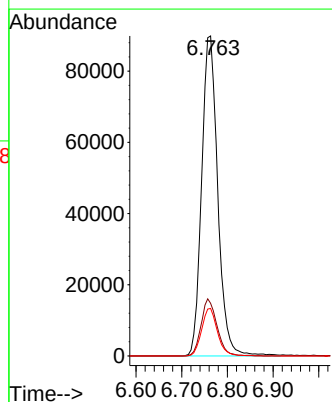
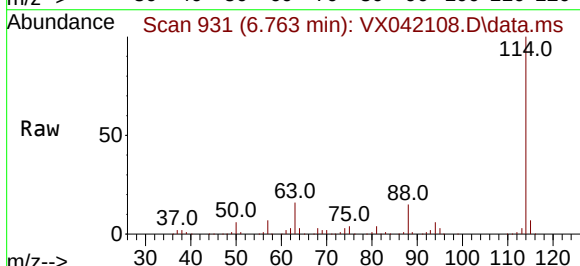
Tgt Ion: 114 Resp: 220316

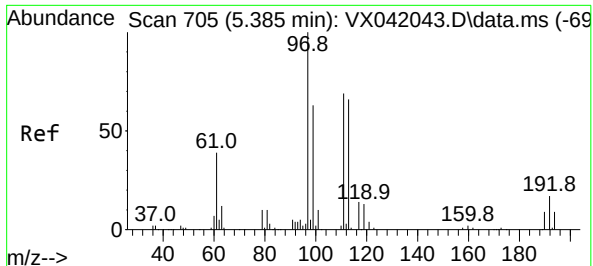
Ion Ratio Lower Upper

114 100

63 16.4 0.0 45.0

88 14.9 0.0 36.6

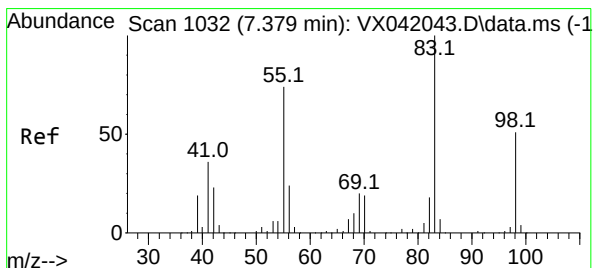
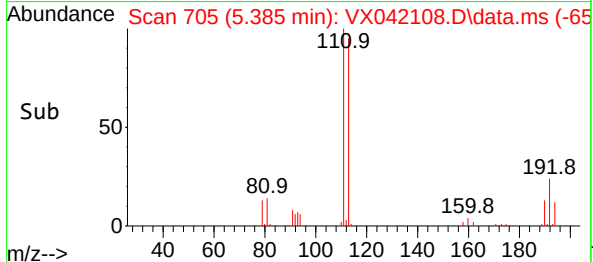
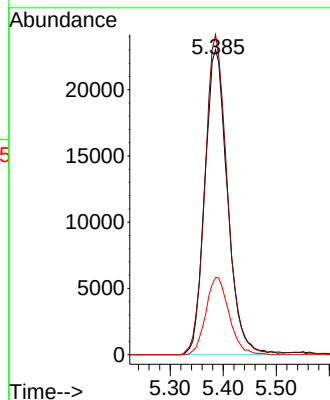
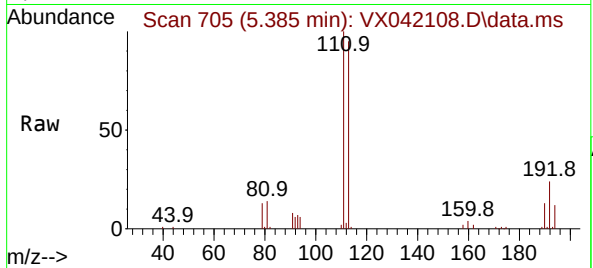




#35
Dibromofluoromethane
Concen: 43.892 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

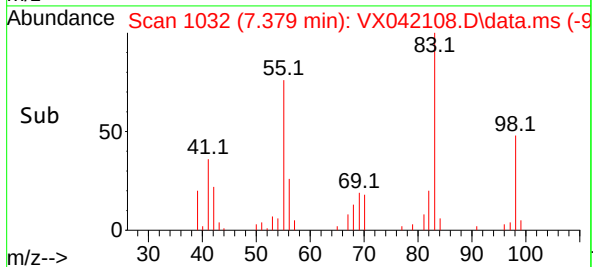
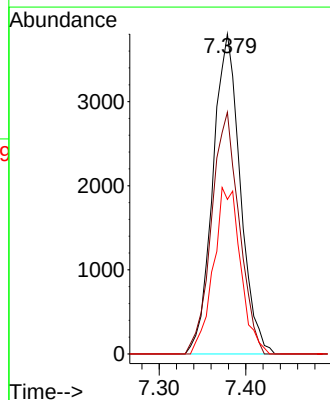
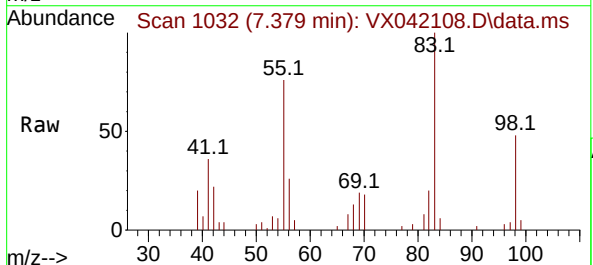
Instrument :
MSVOA_X
ClientSampleId :
MW12-20240625DL

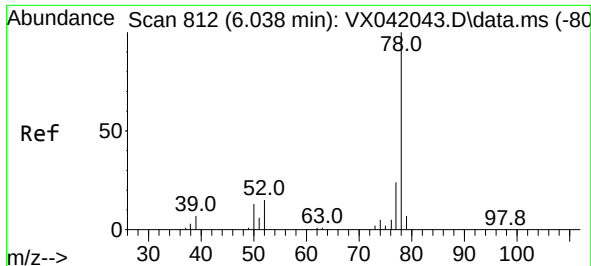
Tgt Ion:113 Resp: 68614
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 25.8 13.3 19.9#



#39
Methylcyclohexane
Concen: 3.975 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

Tgt Ion: 83 Resp: 8346
Ion Ratio Lower Upper
83 100
55 75.6 64.6 97.0
98 48.3 36.7 55.1

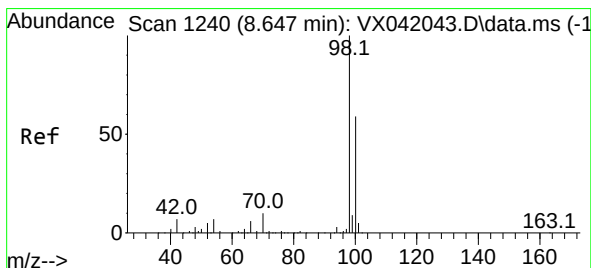
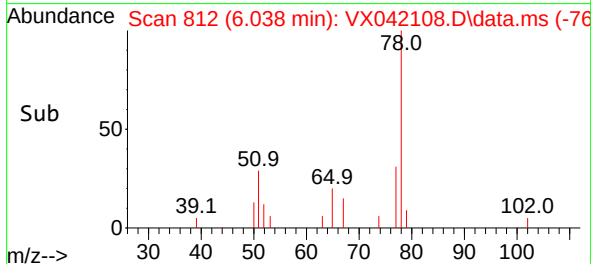
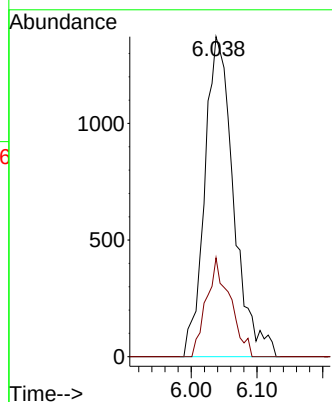
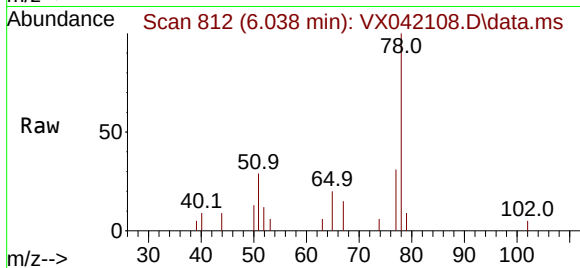




#40
Benzene
Concen: 0.751 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

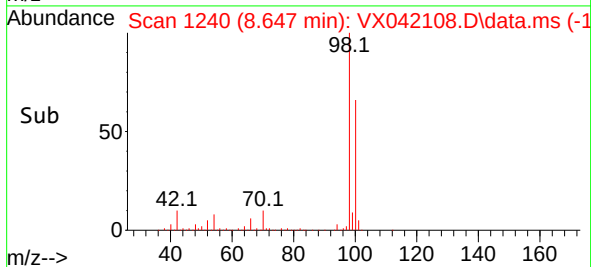
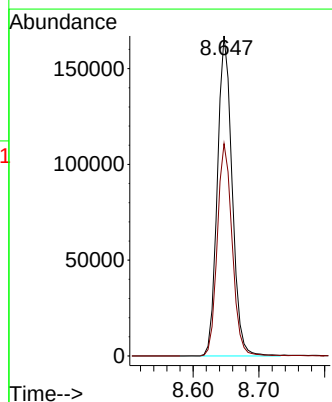
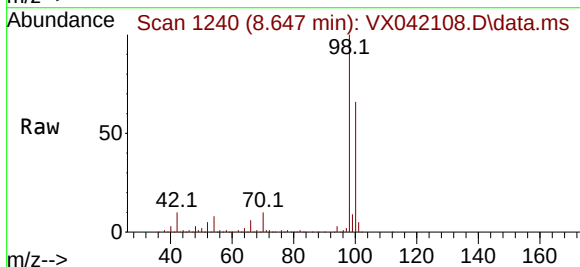
Instrument :
MSVOA_X
ClientSampleId :
MW12-20240625DL

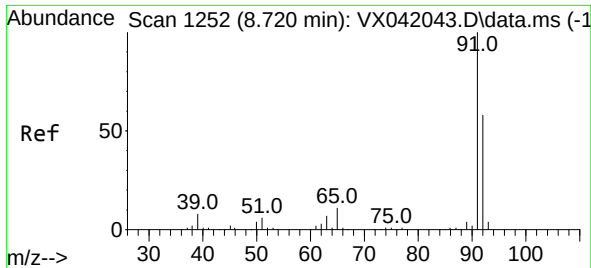
Tgt Ion: 78 Resp: 4205
Ion Ratio Lower Upper
78 100
77 30.9 19.3 28.9#



#50
Toluene-d8
Concen: 47.500 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

Tgt Ion: 98 Resp: 260861
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

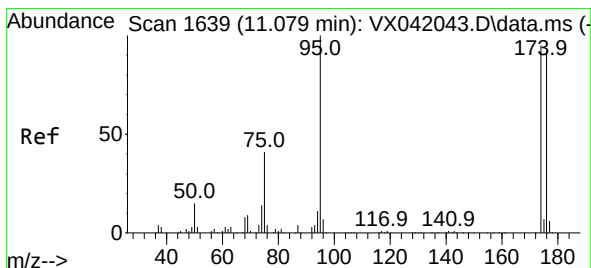
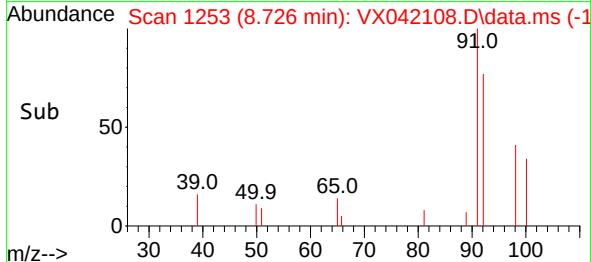
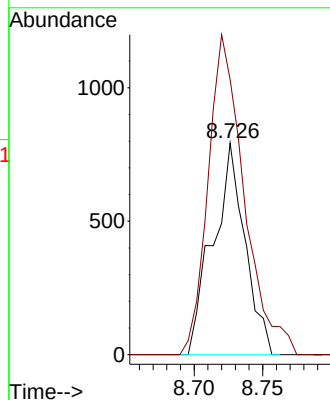
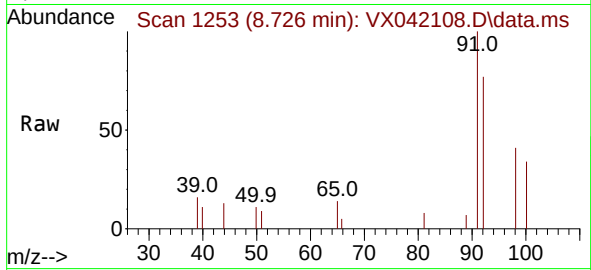




#52
Toluene
Concen: 0.361 ug/l
RT: 8.726 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

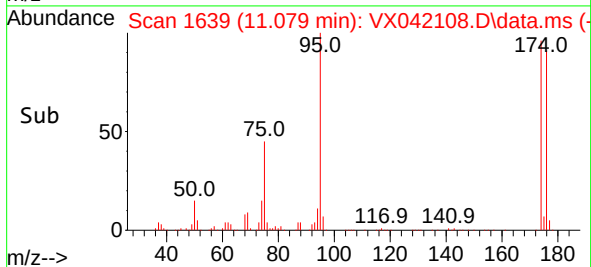
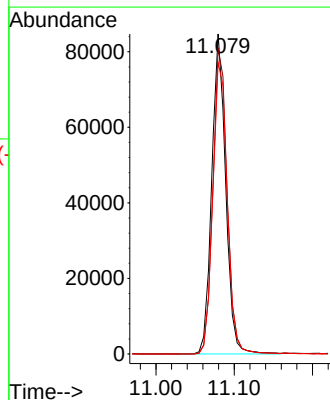
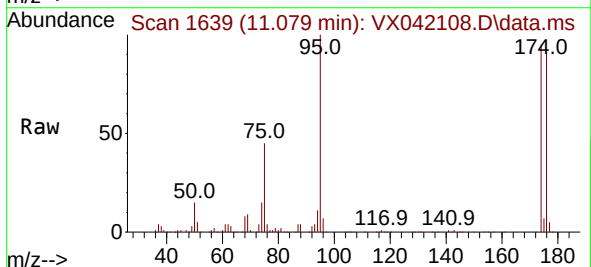
Instrument :
MSVOA_X
ClientSampleId :
MW12-20240625DL

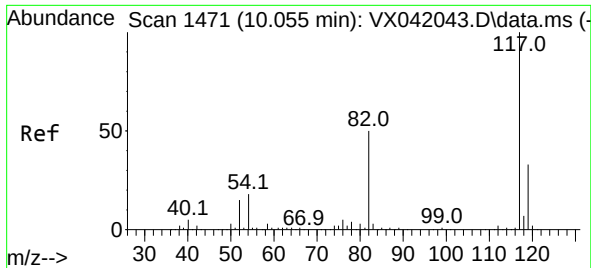
Tgt Ion: 92 Resp: 1288
Ion Ratio Lower Upper
92 100
91 170.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 51.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

Tgt Ion: 95 Resp: 104219
Ion Ratio Lower Upper
95 100
174 98.2 0.0 135.6
176 95.0 0.0 131.0

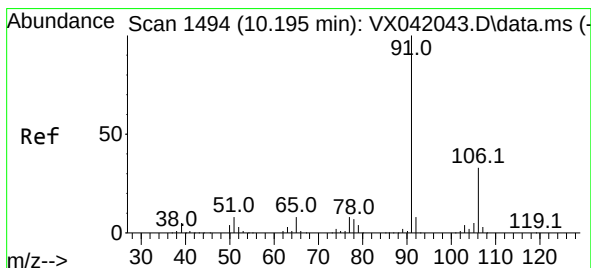
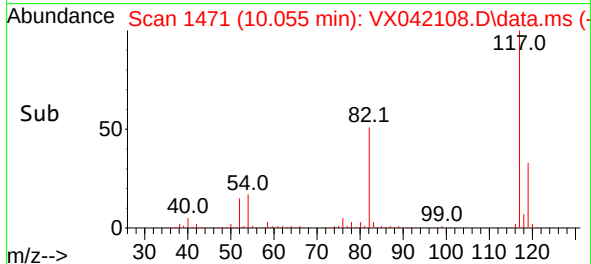
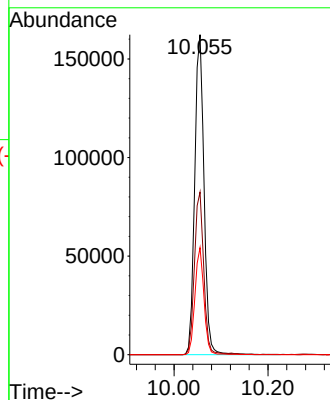
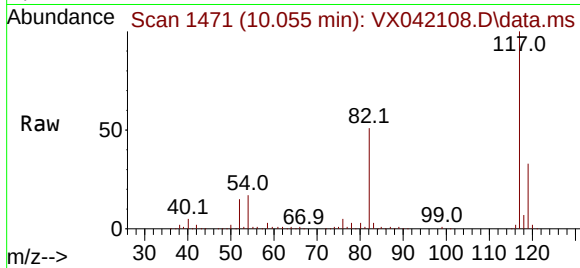




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

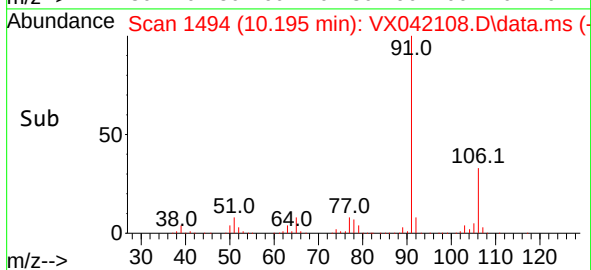
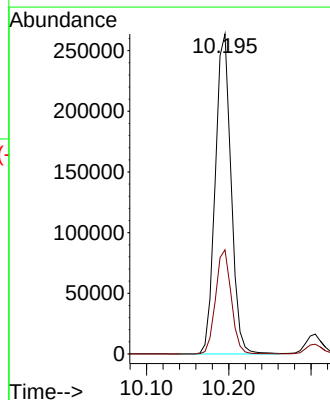
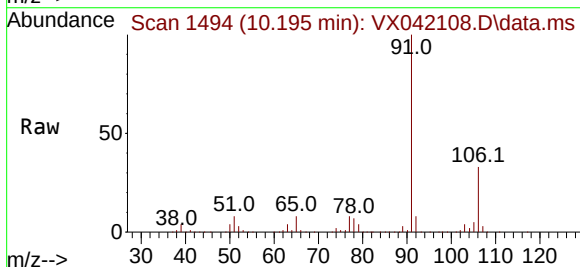
Instrument :
MSVOA_X
ClientSampleId :
MW12-20240625DL

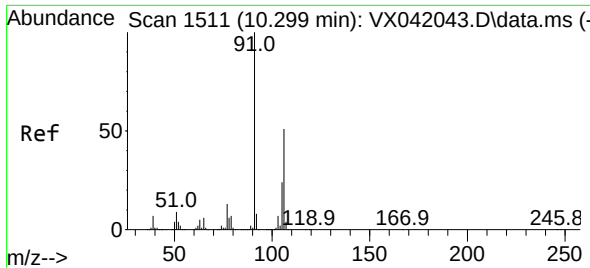
Tgt Ion:117 Resp: 224889
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 33.5 25.5 38.3



#67
Ethyl Benzene
Concen: 48.125 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

Tgt Ion: 91 Resp: 352744
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

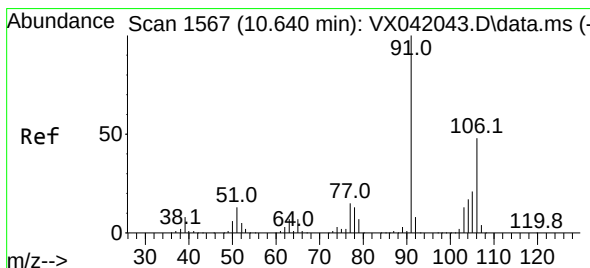
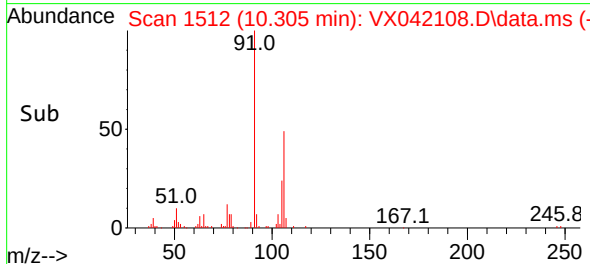
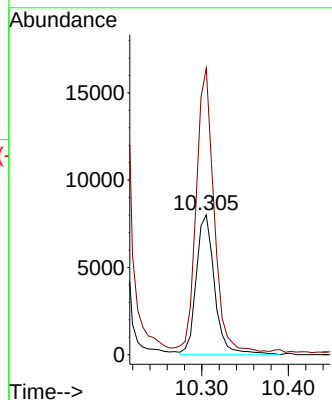
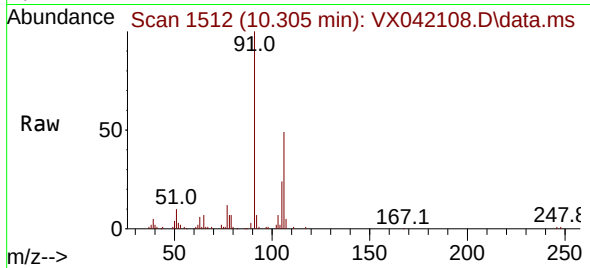




#68
m/p-Xylenes
Concen: 4.005 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

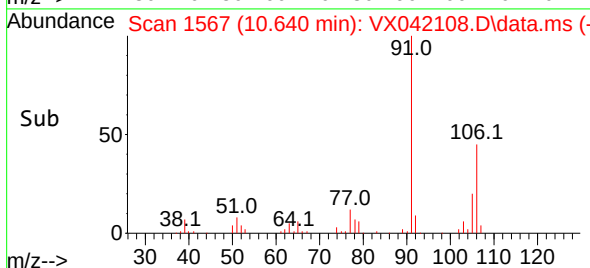
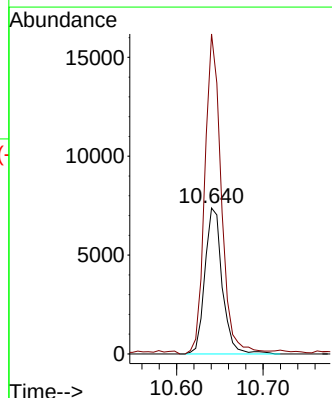
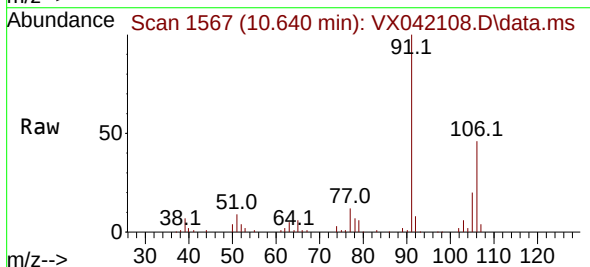
Instrument :
MSVOA_X
ClientSampleId :
MW12-20240625DL

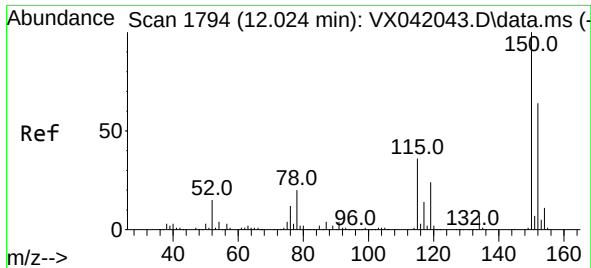
Tgt Ion:106 Resp: 11849
Ion Ratio Lower Upper
106 100
91 196.4 165.5 248.3



#69
o-Xylene
Concen: 3.510 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

Tgt Ion:106 Resp: 10282
Ion Ratio Lower Upper
106 100
91 207.6 108.9 326.8

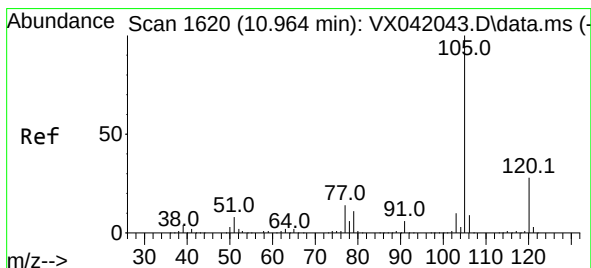
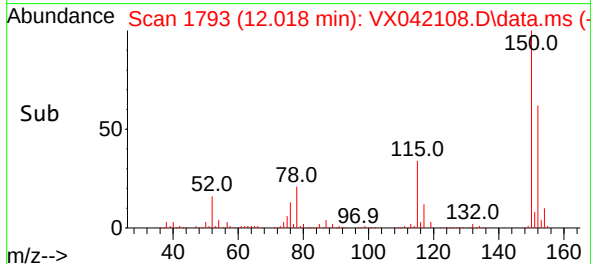
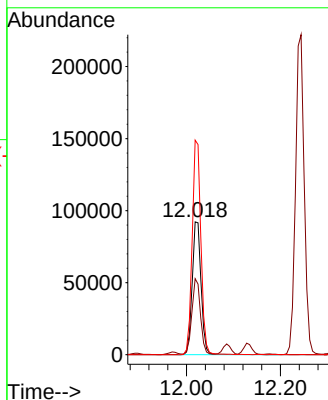
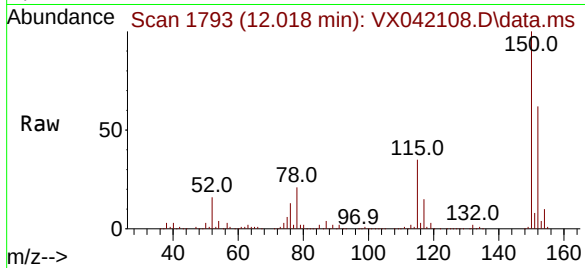




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX042108.D
 Acq: 01 Jul 2024 12:49

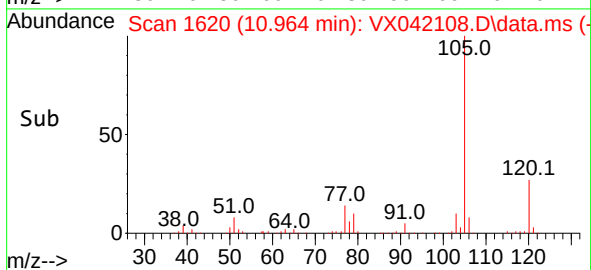
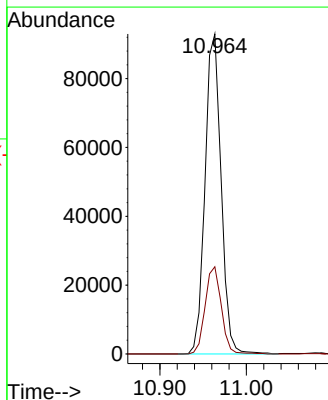
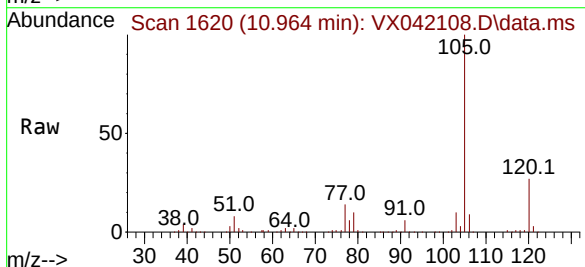
Instrument :
 MSVOA_X
 ClientSampleId :
 MW12-20240625DL

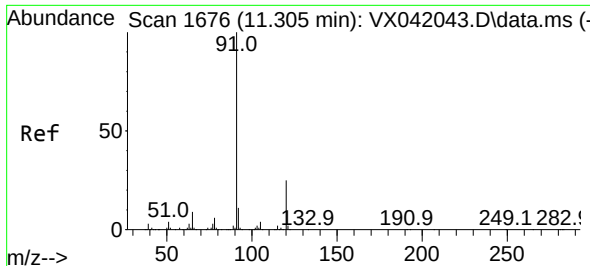
Tgt Ion:152 Resp: 121303
 Ion Ratio Lower Upper
 152 100
 115 54.4 43.3 129.9
 150 158.7 0.0 345.0



#73
 Isopropylbenzene
 Concen: 16.253 ug/l
 RT: 10.964 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX042108.D
 Acq: 01 Jul 2024 12:49

Tgt Ion:105 Resp: 119878
 Ion Ratio Lower Upper
 105 100
 120 27.4 12.9 38.6

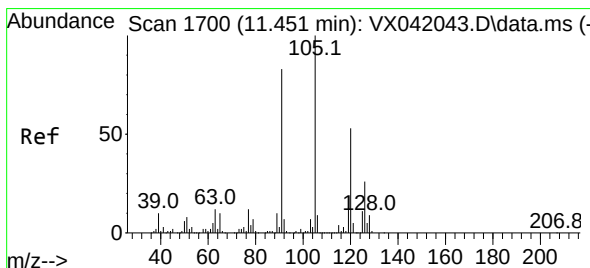
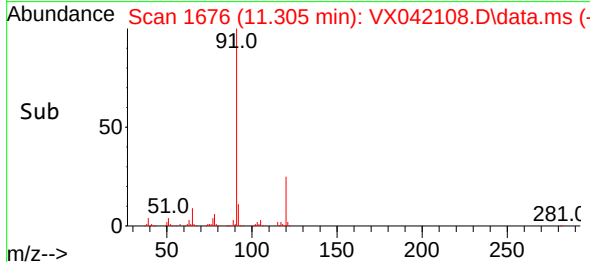
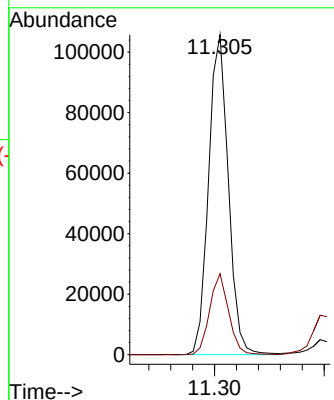
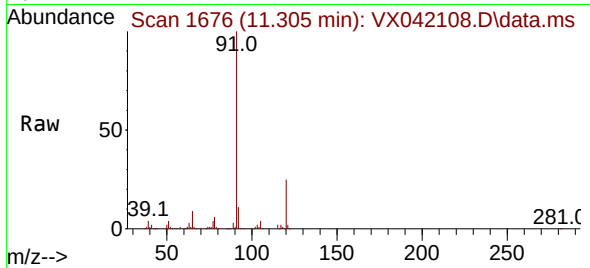




#78
n-propylbenzene
Concen: 16.530 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

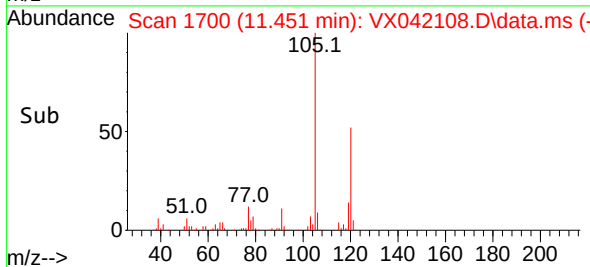
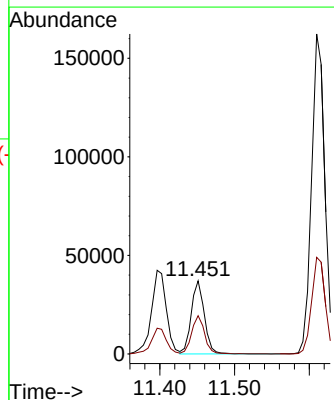
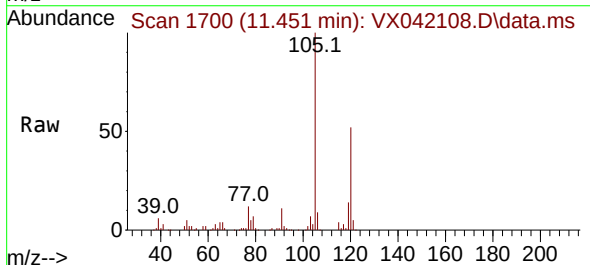
Instrument :
MSVOA_X
ClientSampleId :
MW12-20240625DL

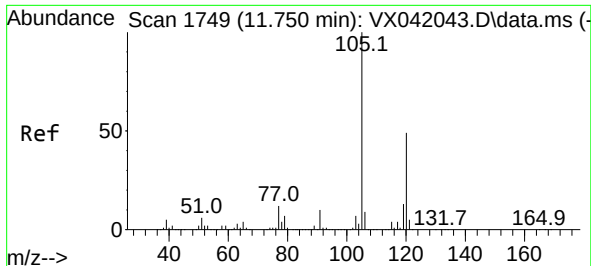
Tgt Ion: 91 Resp: 132286
Ion Ratio Lower Upper
91 100
120 24.4 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 7.315 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

Tgt Ion: 105 Resp: 44939
Ion Ratio Lower Upper
105 100
120 52.4 24.1 72.3

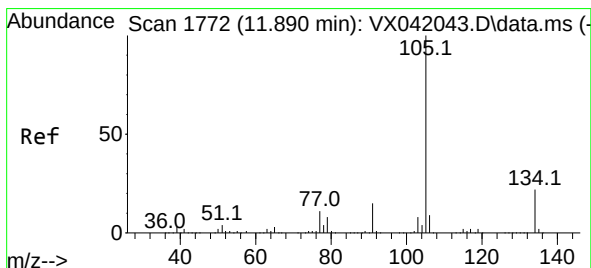
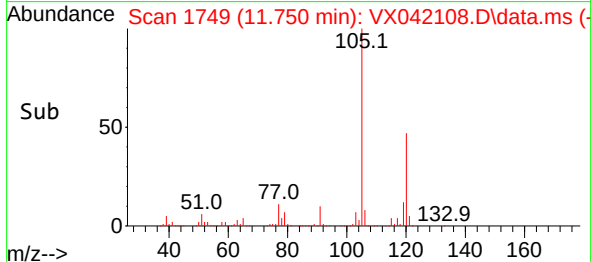
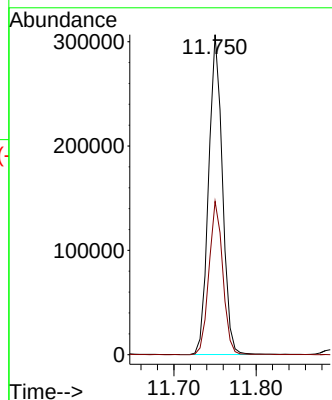
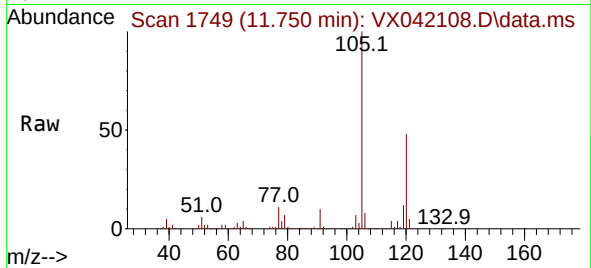




#84
1,2,4-Trimethylbenzene
Concen: 57.964 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

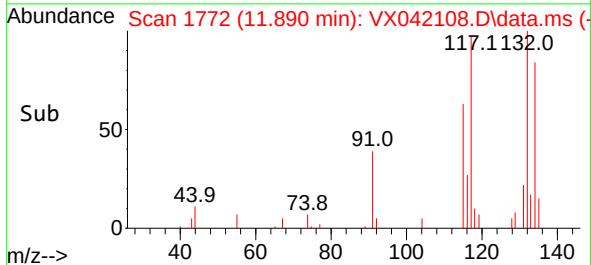
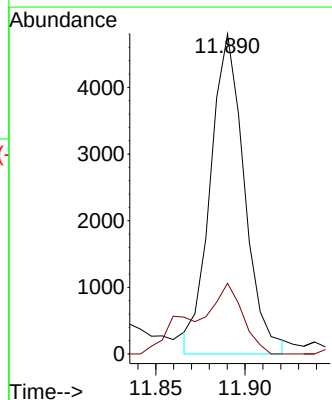
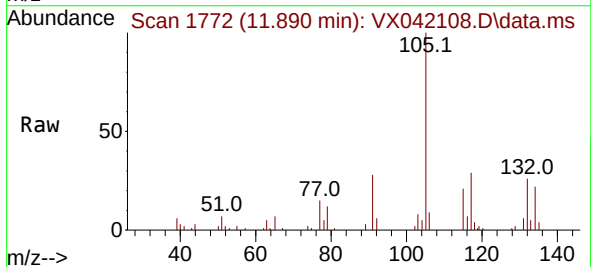
Instrument :
MSVOA_X
ClientSampleId :
MW12-20240625DL

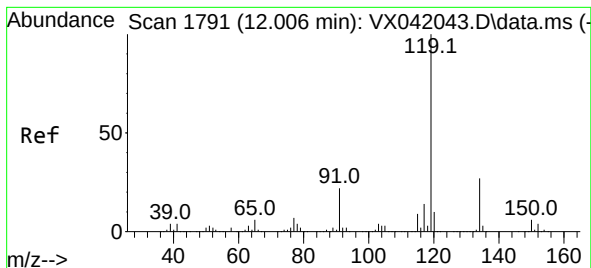
Tgt Ion:105 Resp: 357259
Ion Ratio Lower Upper
105 100
120 47.9 21.2 63.6



#85
sec-Butylbenzene
Concen: 0.834 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

Tgt Ion:105 Resp: 6357
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#





#86

p-Isopropyltoluene

Concen: 1.641 ug/l m

RT: 12.006 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042108.D

Acq: 01 Jul 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

MW12-20240625DL

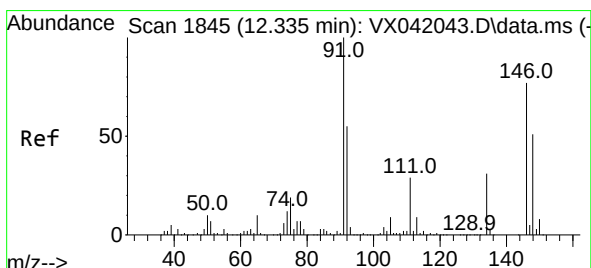
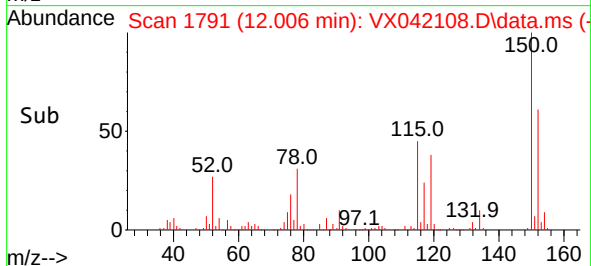
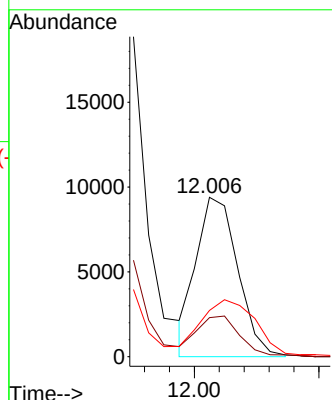
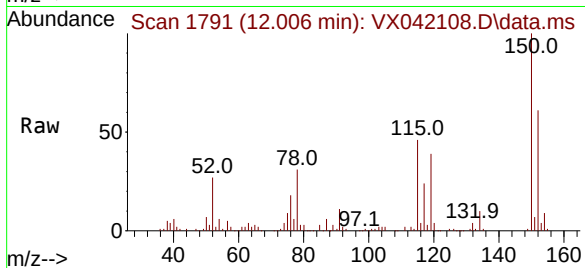
Tgt Ion:119 Resp: 10930

Ion Ratio Lower Upper

119 100

134 77.0 12.8 38.3#

91 57.2 13.1 39.3#



#89

n-Butylbenzene

Concen: 1.237 ug/l m

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX042108.D

Acq: 01 Jul 2024 12:49

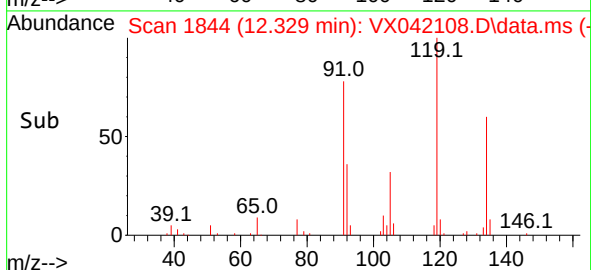
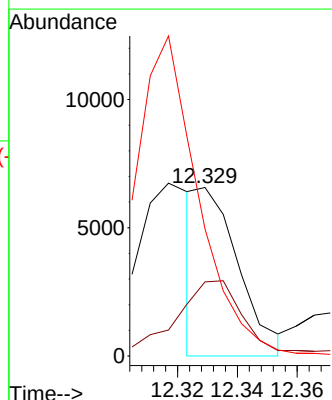
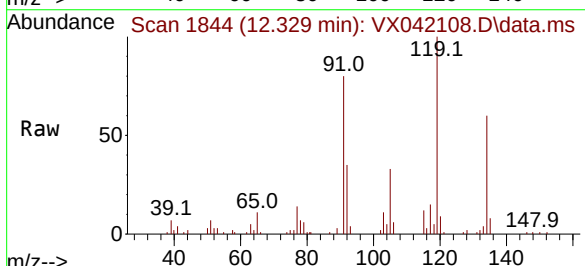
Tgt Ion: 91 Resp: 6343

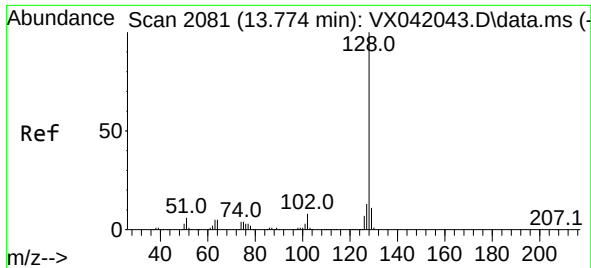
Ion Ratio Lower Upper

91 100

92 78.5 27.4 82.0

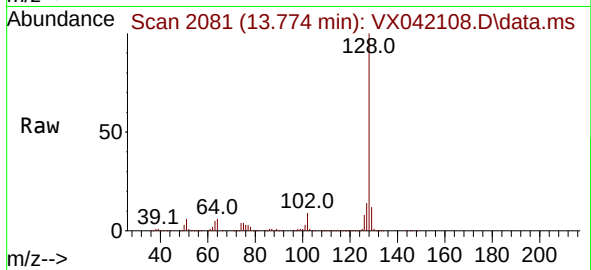
134 286.6 12.6 37.8#





#95
Naphthalene
Concen: 281.813 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042108.D
Acq: 01 Jul 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :
MW12-20240625DL



Tgt Ion:128 Resp: 2481514
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.7 8.8 13.2

