

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041702.D
 Acq On : 03 Jun 2024 14:20
 Operator : JC/MD
 Sample : P2660-02 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

Quant Time: Jun 04 00:47:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

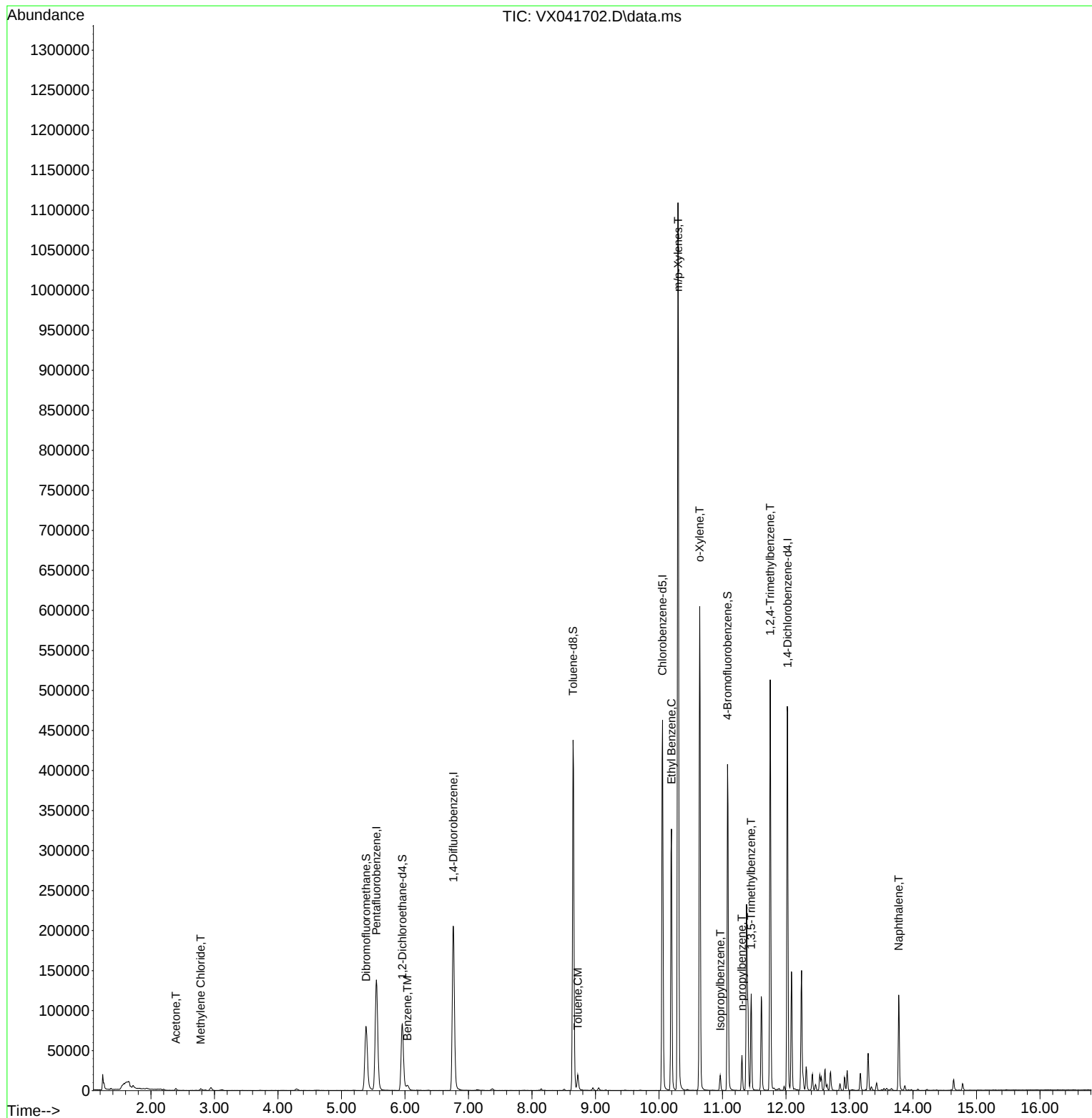
Internal Standards						
1) Pentafluorobenzene	5.550	168	143635	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	220791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83059	47.149	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.300%		
35) Dibromofluoromethane	5.385	113	69255	45.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.740%		
50) Toluene-d8	8.647	98	260225	48.787	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.580%		
62) 4-Bromofluorobenzene	11.079	95	99672	50.630	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.260%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	2498	0.542	ug/l	95
20) Methylene Chloride	2.782	84	1064	0.675	ug/l	86
40) Benzene	6.038	78	7413	1.283	ug/l	98
52) Toluene	8.720	92	7375	2.011	ug/l	96
67) Ethyl Benzene	10.195	91	186671	24.988	ug/l	97
68) m/p-Xylenes	10.299	106	259010	87.154	ug/l	94
69) o-Xylene	10.640	106	130206	44.041	ug/l	95
73) Isopropylbenzene	10.964	105	10393	1.512	ug/l	100
78) n-propylbenzene	11.305	91	26218	3.473	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	52782	9.196	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	217496	37.399	ug/l	92
95) Naphthalene	13.774	128	76297	10.627	ug/l	100

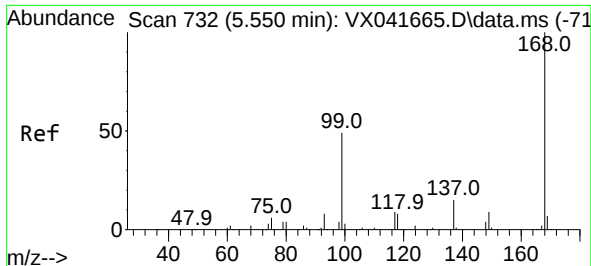
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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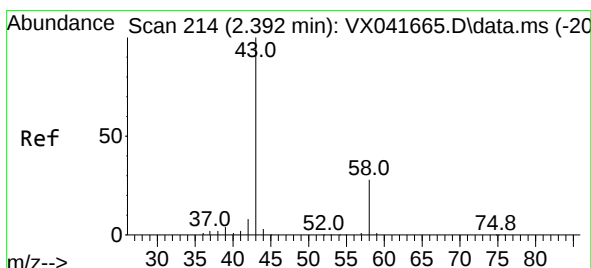
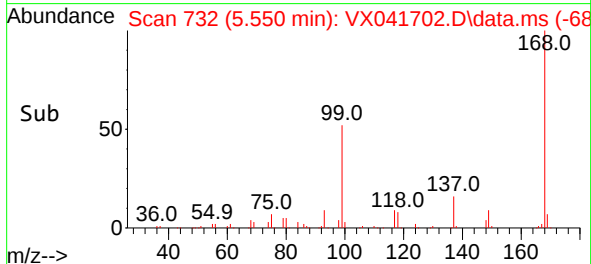
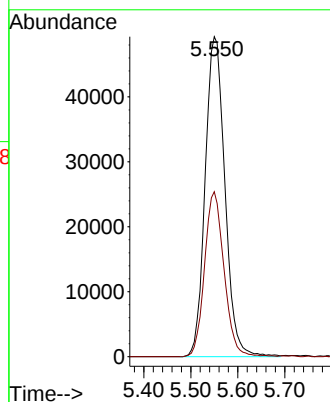
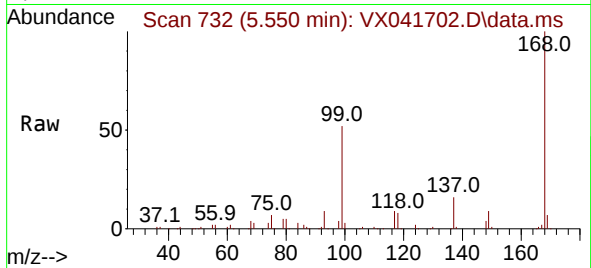




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041702.D
Acq: 03 Jun 2024 14:20

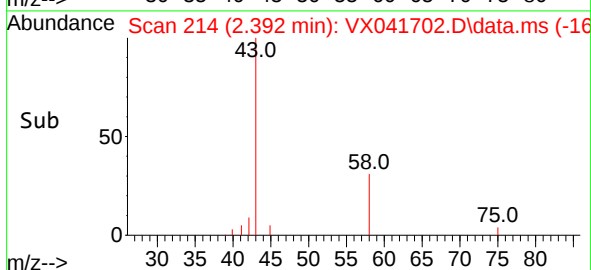
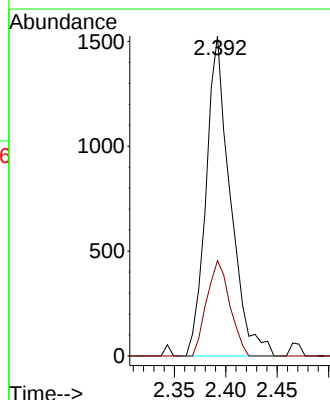
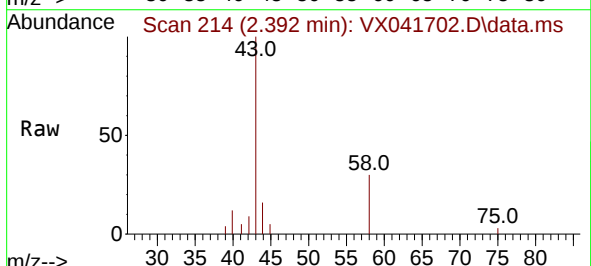
Instrument :
MSVOA_X
ClientSampleId :
MW-08

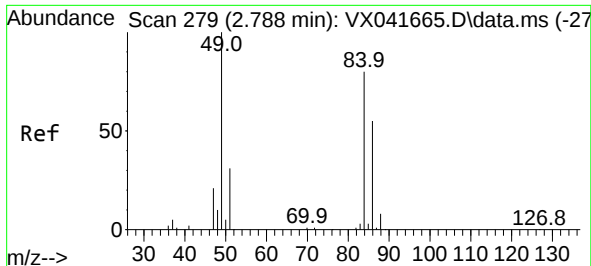
Tgt Ion:168 Resp: 143635
Ion Ratio Lower Upper
168 100
99 51.5 56.6 85.0#



#16
Acetone
Concen: 0.542 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041702.D
Acq: 03 Jun 2024 14:20

Tgt Ion: 43 Resp: 2498
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9

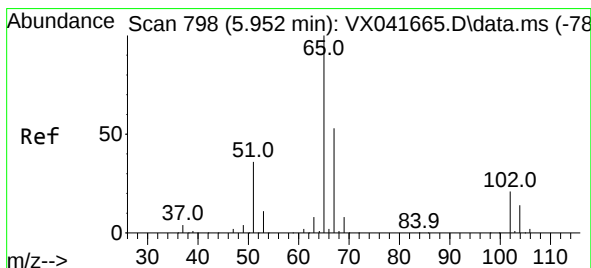
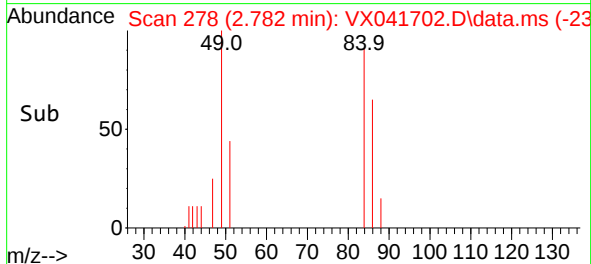
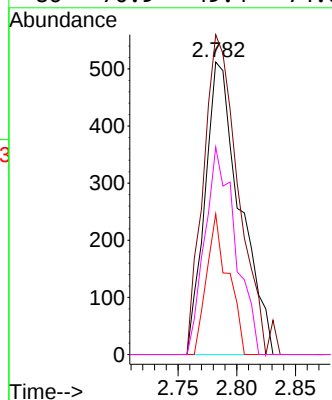
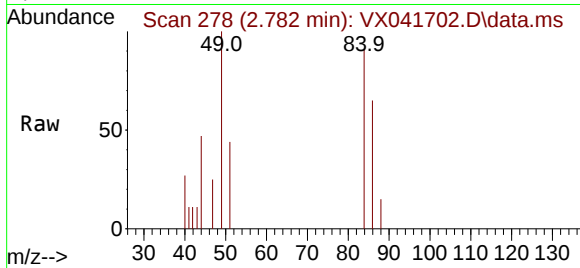




#20
Methylene Chloride
Concen: 0.675 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041702.D
Acq: 03 Jun 2024 14:20

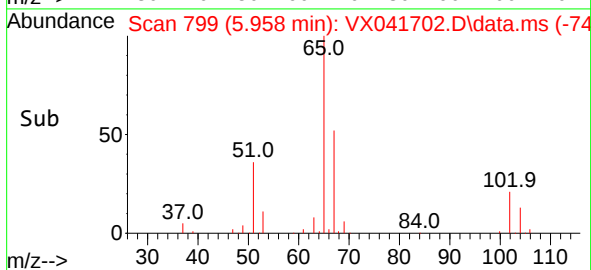
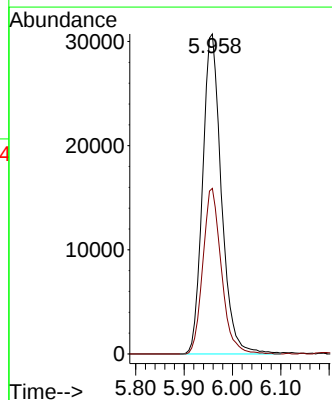
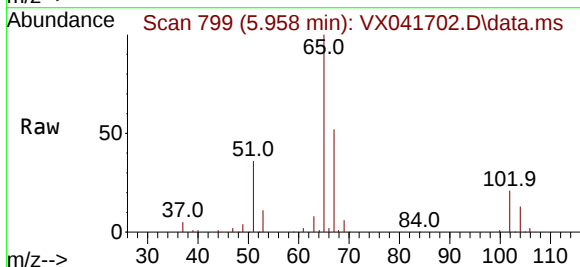
Instrument :
MSVOA_X
ClientSampleId :
MW-08

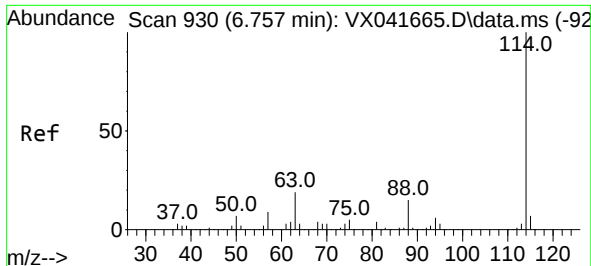
Tgt Ion:	84	Resp:	1064
Ion	Ratio	Lower	Upper
84	100		
49	109.4	103.6	155.4
51	48.0	33.8	50.6
86	70.9	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 47.149 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041702.D
Acq: 03 Jun 2024 14:20

Tgt Ion:	65	Resp:	83059
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	100.2

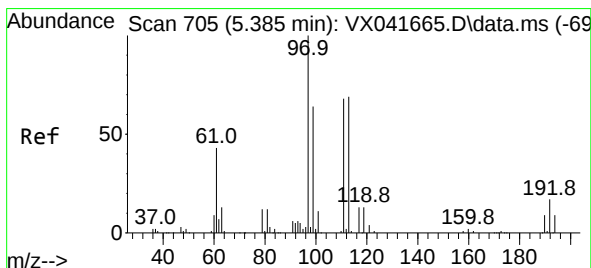
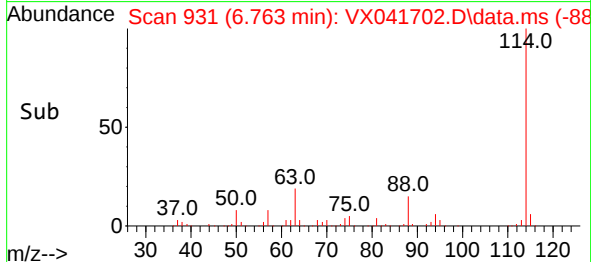
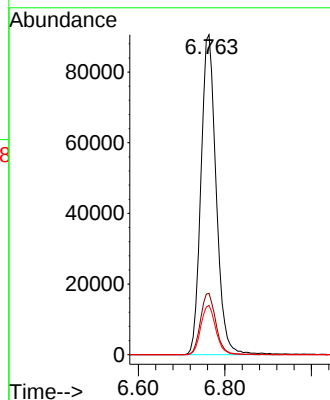
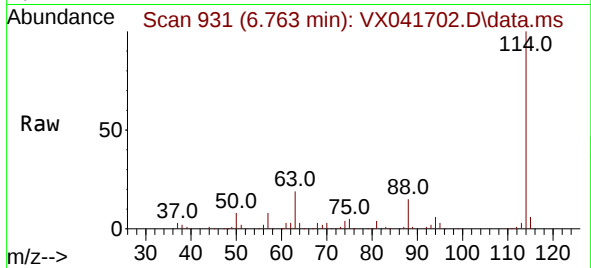




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041702.D
Acq: 03 Jun 2024 14:20

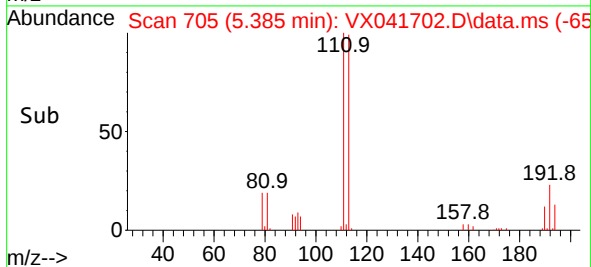
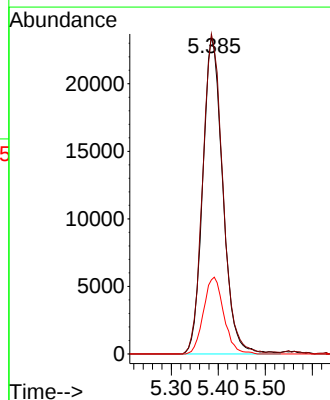
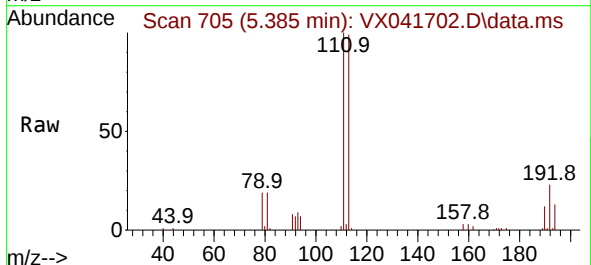
Instrument :
MSVOA_X
ClientSampleId :
MW-08

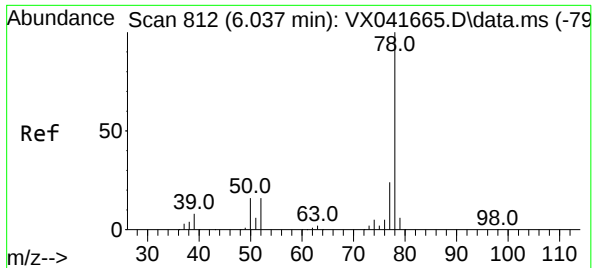
Tgt Ion:114 Resp: 220791
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.367 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041702.D
Acq: 03 Jun 2024 14:20

Tgt Ion:113 Resp: 69255
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 24.5 13.3 19.9#





#40

Benzene

Concen: 1.283 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX041702.D

Acq: 03 Jun 2024 14:20

Instrument :

MSVOA_X

ClientSampleId :

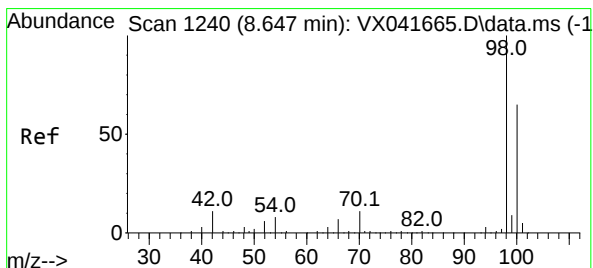
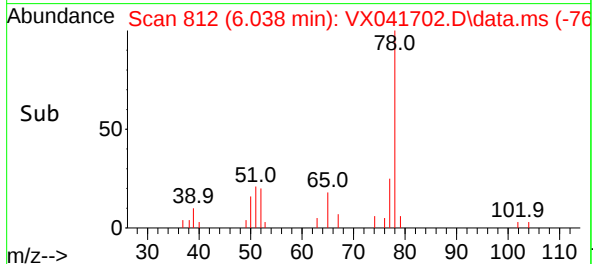
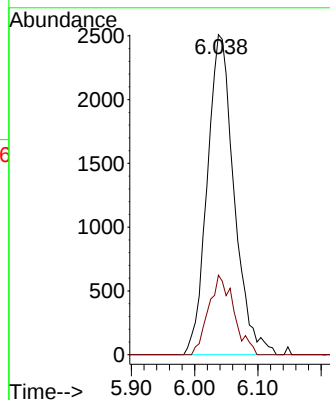
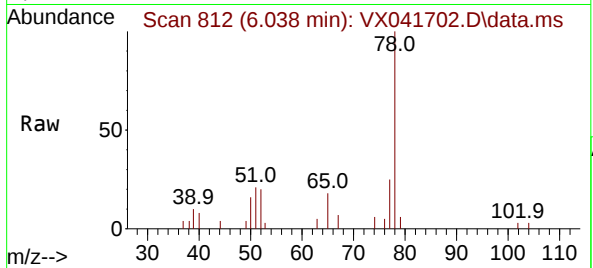
MW-08

Tgt Ion: 78 Resp: 7413

Ion Ratio Lower Upper

78 100

77 24.9 19.3 28.9



#50

Toluene-d8

Concen: 48.787 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041702.D

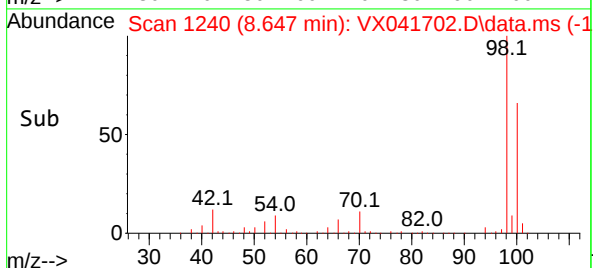
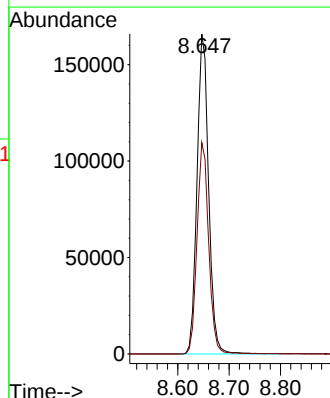
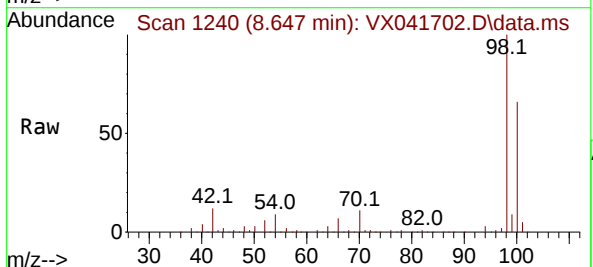
Acq: 03 Jun 2024 14:20

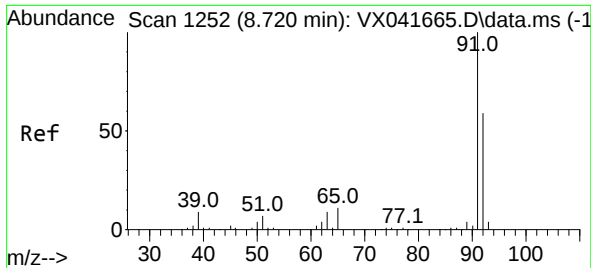
Tgt Ion: 98 Resp: 260225

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7





#52

Toluene

Concen: 2.011 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041702.D

Acq: 03 Jun 2024 14:20

Instrument :

MSVOA_X

ClientSampleId :

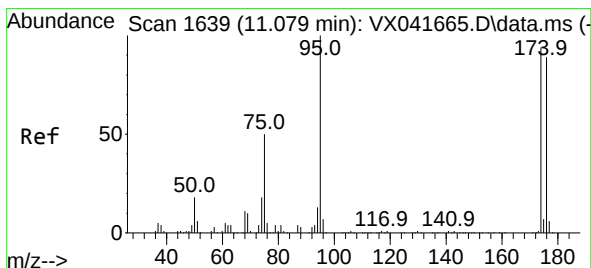
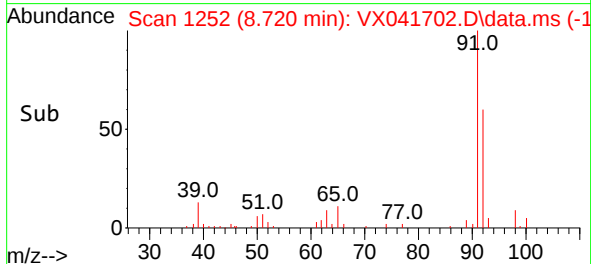
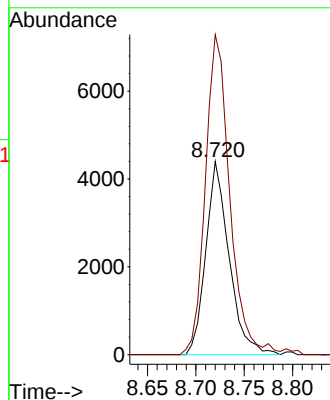
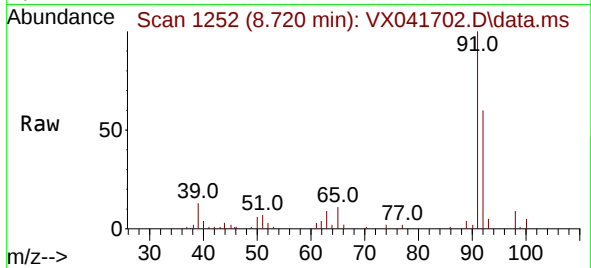
MW-08

Tgt Ion: 92 Resp: 7375

Ion Ratio Lower Upper

92 100

91 173.2 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 50.630 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041702.D

Acq: 03 Jun 2024 14:20

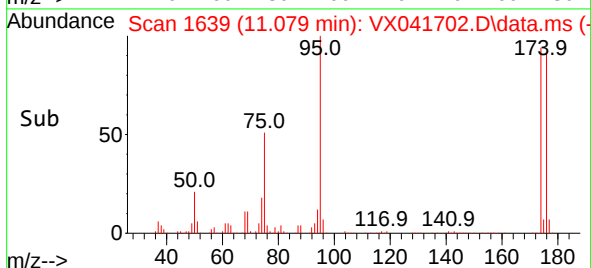
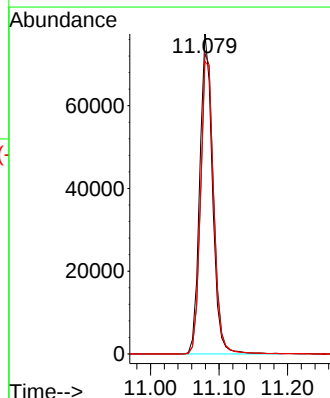
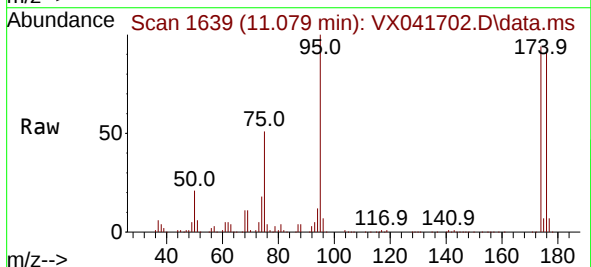
Tgt Ion: 95 Resp: 99672

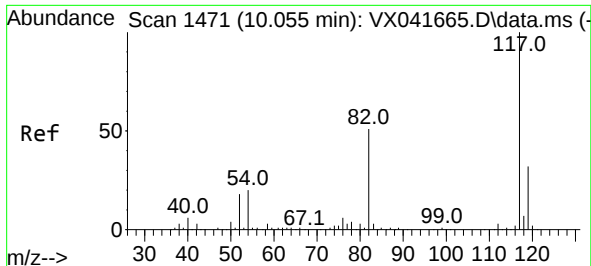
Ion Ratio Lower Upper

95 100

174 97.0 0.0 135.6

176 95.0 0.0 131.0

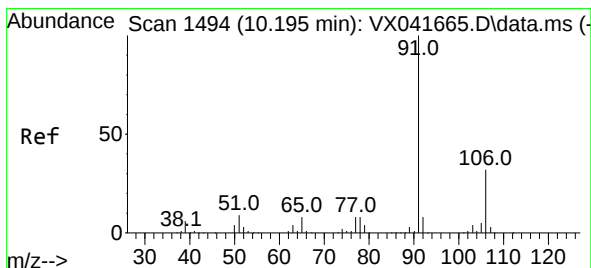
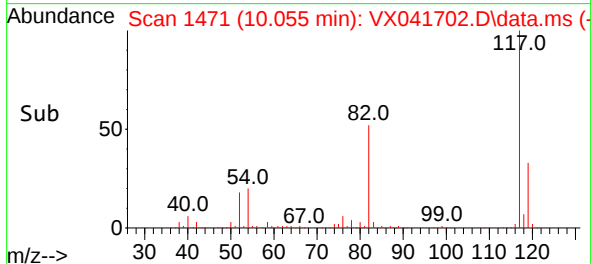
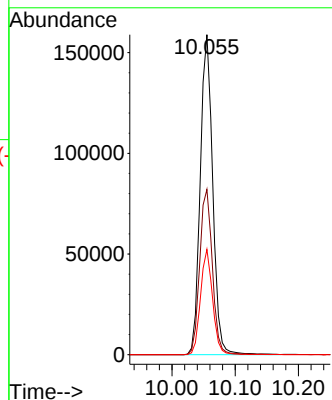
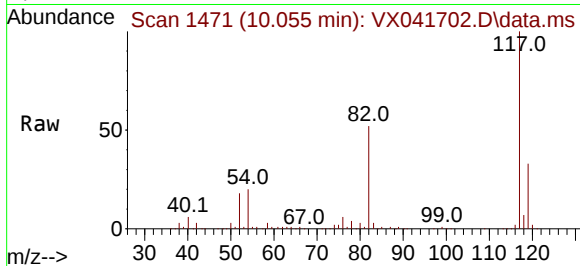




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041702.D
Acq: 03 Jun 2024 14:20

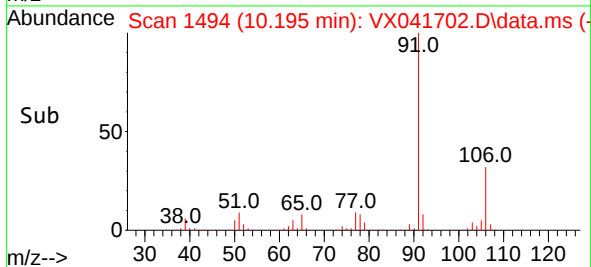
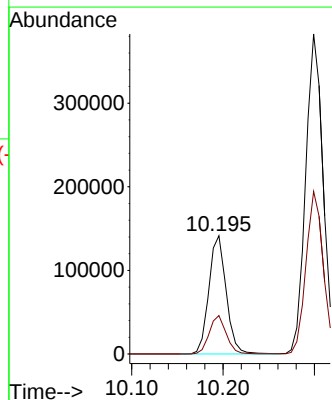
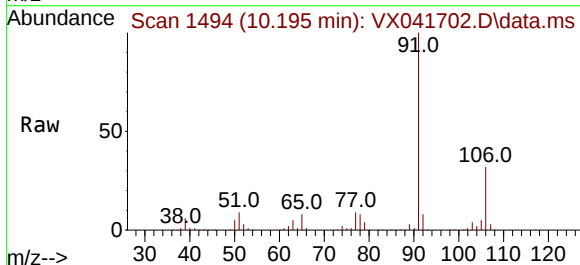
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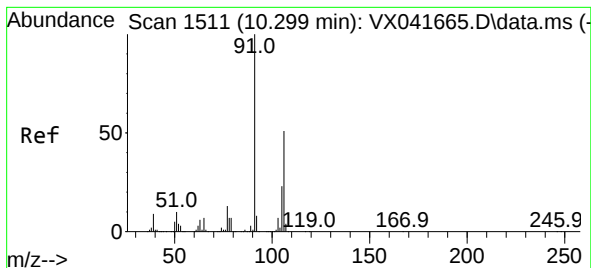
Tgt Ion:117 Resp: 218419
Ion Ratio Lower Upper
117 100
82 51.6 46.2 69.4
119 32.9 25.5 38.3



#67
Ethyl Benzene
Concen: 24.988 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041702.D
Acq: 03 Jun 2024 14:20

Tgt Ion: 91 Resp: 186671
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3





#68

m/p-Xylenes

Concen: 87.154 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX041702.D

Acq: 03 Jun 2024 14:20

Instrument :

MSVOA_X

ClientSampleId :

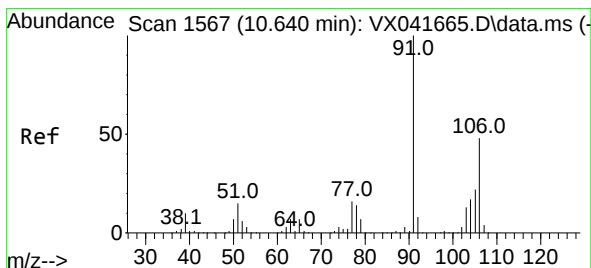
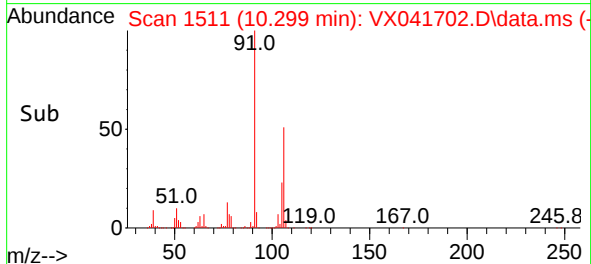
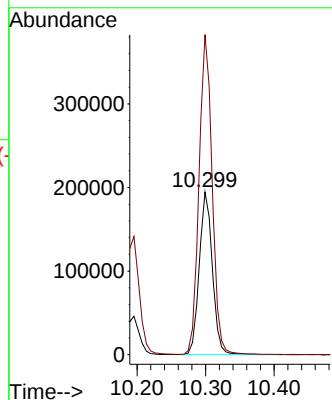
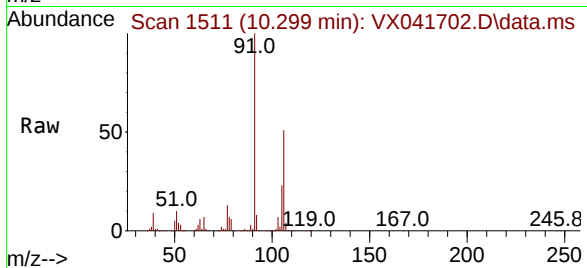
MW-08

Tgt Ion:106 Resp: 259010

Ion Ratio Lower Upper

106 100

91 197.7 165.5 248.3



#69

o-Xylene

Concen: 44.041 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041702.D

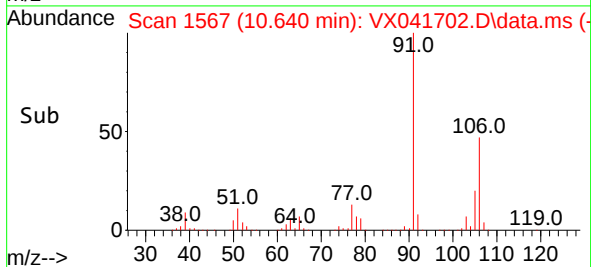
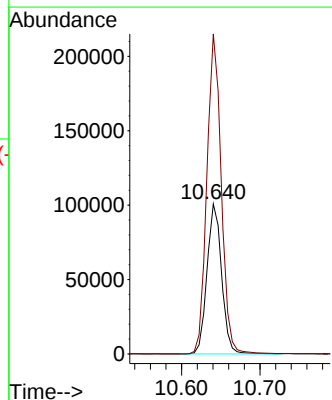
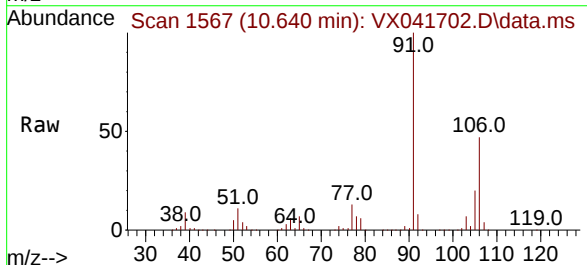
Acq: 03 Jun 2024 14:20

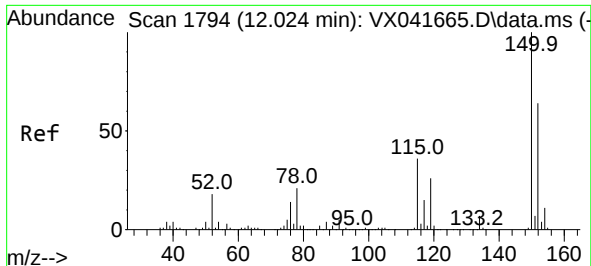
Tgt Ion:106 Resp: 130206

Ion Ratio Lower Upper

106 100

91 210.4 108.9 326.8

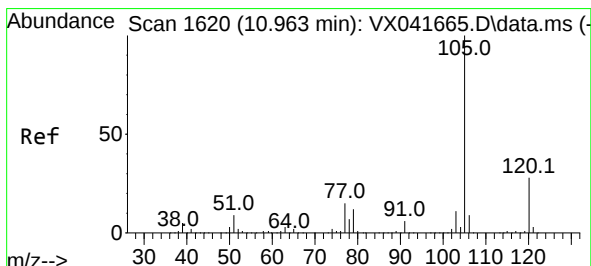
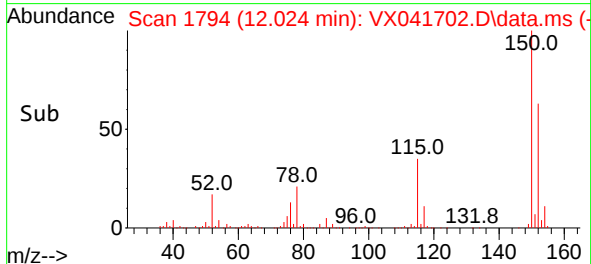
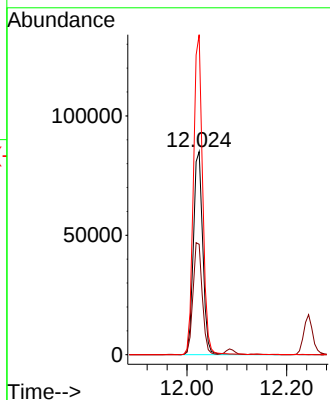
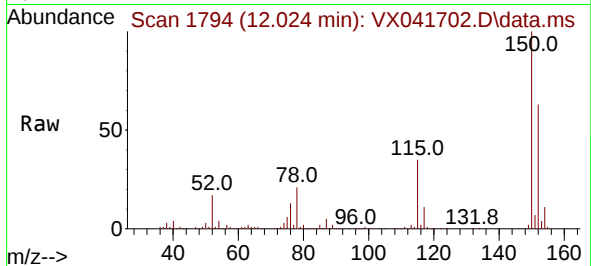




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041702.D
 Acq: 03 Jun 2024 14:20

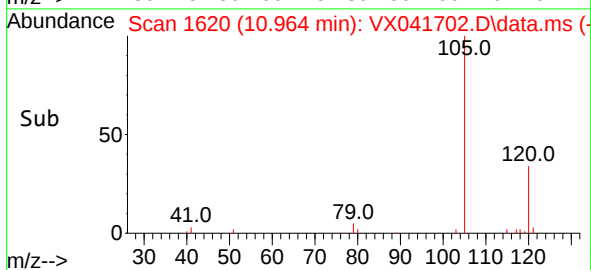
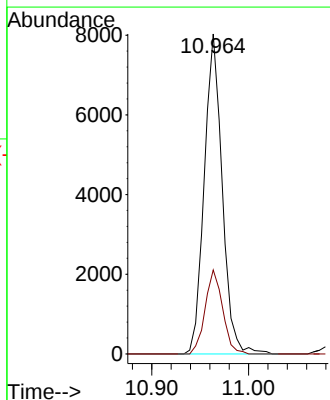
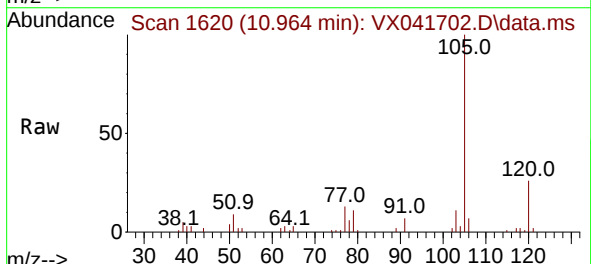
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

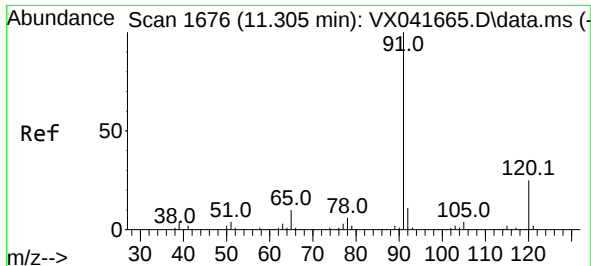
Tgt Ion:152 Resp: 110829
 Ion Ratio Lower Upper
 152 100
 115 54.6 43.3 129.9
 150 154.6 0.0 345.0



#73
 Isopropylbenzene
 Concen: 1.512 ug/l
 RT: 10.964 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX041702.D
 Acq: 03 Jun 2024 14:20

Tgt Ion:105 Resp: 10393
 Ion Ratio Lower Upper
 105 100
 120 25.5 12.9 38.6

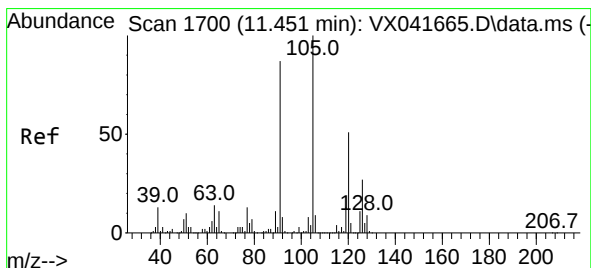
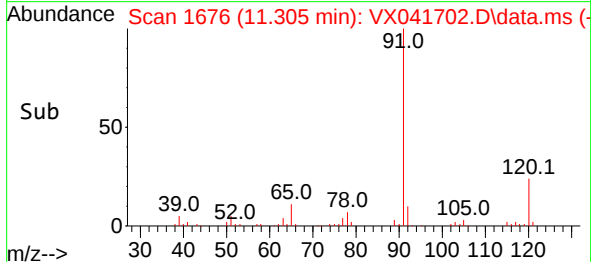
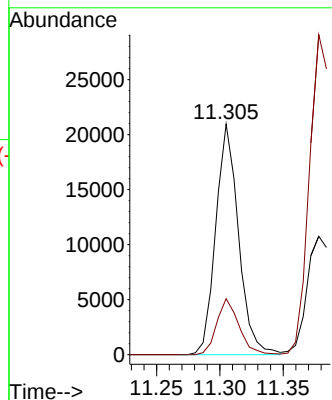
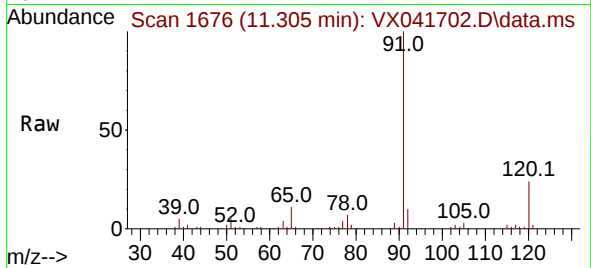




#78
n-propylbenzene
Concen: 3.473 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041702.D
Acq: 03 Jun 2024 14:20

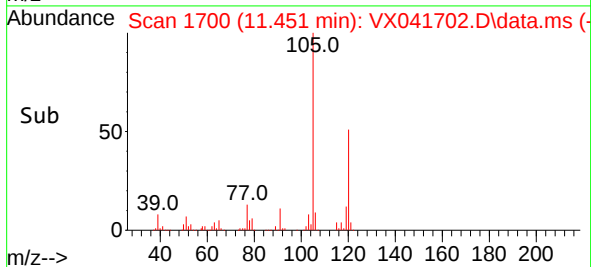
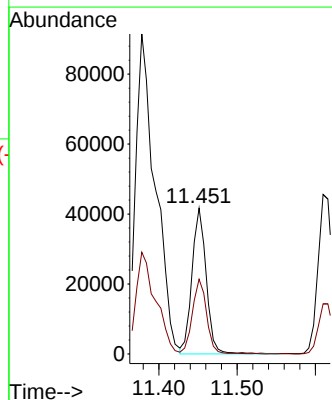
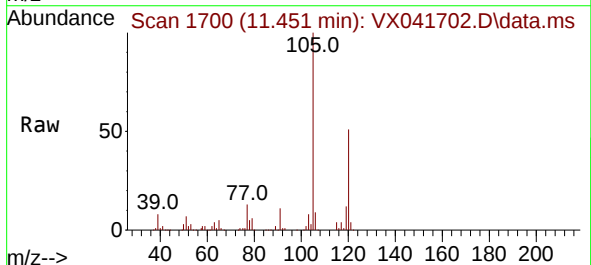
Instrument :
MSVOA_X
ClientSampleId :
MW-08

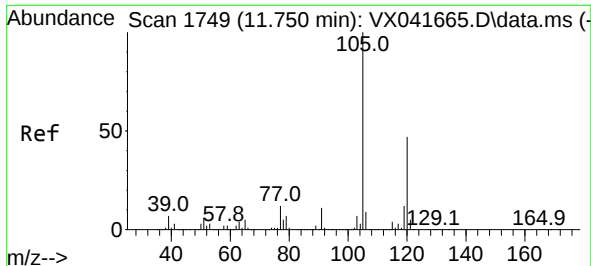
Tgt Ion: 91 Resp: 26218
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 9.196 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041702.D
Acq: 03 Jun 2024 14:20

Tgt Ion: 105 Resp: 52782
Ion Ratio Lower Upper
105 100
120 50.5 24.1 72.3

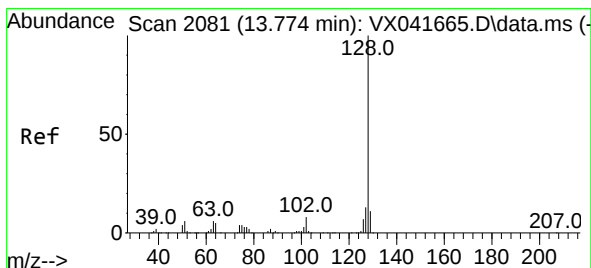
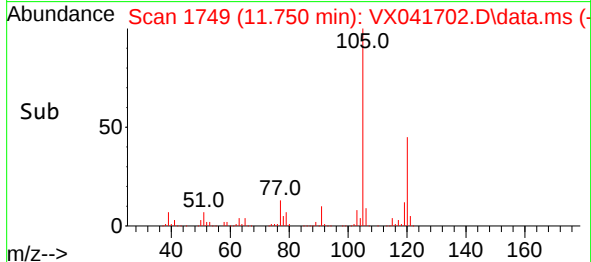
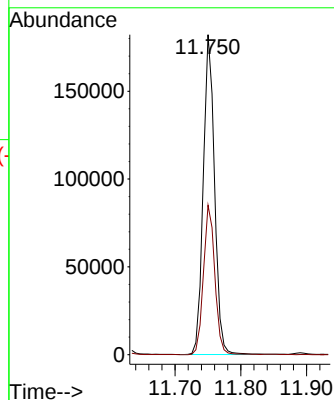
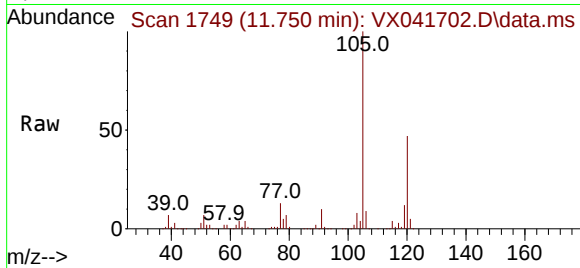




#84
1,2,4-Trimethylbenzene
Concen: 37.399 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041702.D
Acq: 03 Jun 2024 14:20

Instrument :
MSVOA_X
ClientSampleId :
MW-08

Tgt Ion:105 Resp: 217496
Ion Ratio Lower Upper
105 100
120 47.2 21.2 63.6



#95
Naphthalene
Concen: 10.627 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041702.D
Acq: 03 Jun 2024 14:20

Tgt Ion:128 Resp: 76297
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.8 13.2

