

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038124.D
 Acq On : 06 Oct 2023 12:38
 Operator : JC/MD
 Sample : 04723-03 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6A

Quant Time: Oct 07 04:18:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

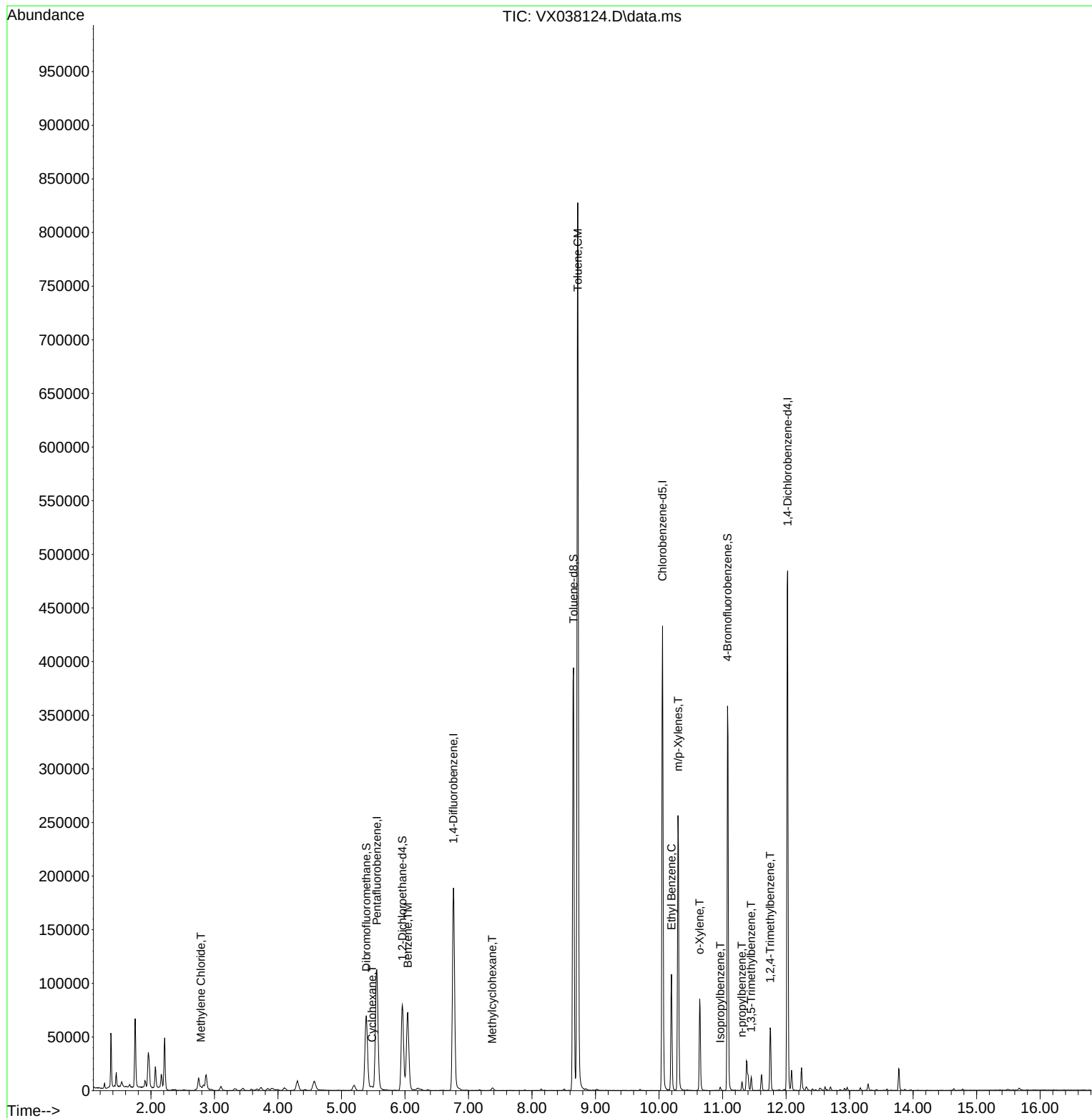
Internal Standards						
1) Pentafluorobenzene	5.556	168	106953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77735	45.188	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.380%		
35) Dibromofluoromethane	5.391	113	59663	42.919	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.840%		
50) Toluene-d8	8.653	98	242326	45.619	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.240%#		
62) 4-Bromofluorobenzene	11.079	95	89788	44.586	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.180%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	689	0.510	ug/l #	76
31) Cyclohexane	5.483	56	2416	1.296	ug/l #	89
39) Methylcyclohexane	7.372	83	1064	0.474	ug/l #	80
40) Benzene	6.043	78	87935	16.401	ug/l	99
52) Toluene	8.720	92	303995	87.040	ug/l	93
67) Ethyl Benzene	10.195	91	61402	8.687	ug/l	98
68) m/p-Xylenes	10.299	106	57983	21.214	ug/l	98
69) o-Xylene	10.640	106	17847	6.690	ug/l	97
73) Isopropylbenzene	10.963	105	1644	0.249	ug/l	99
78) n-propylbenzene	11.305	91	5356	0.664	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	5386	0.946	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	26921	4.745	ug/l	98

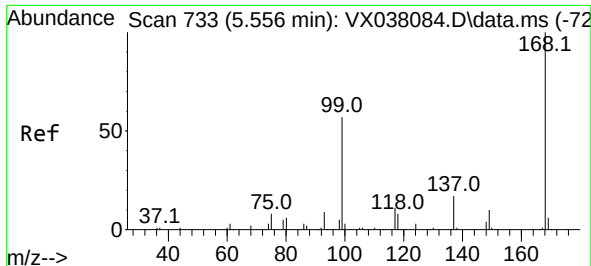
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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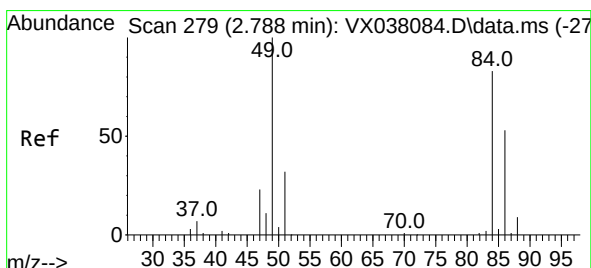
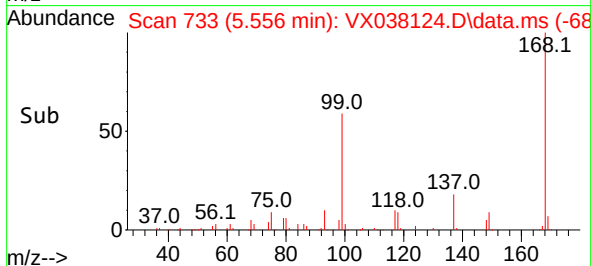
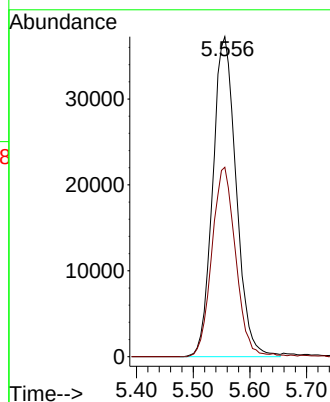
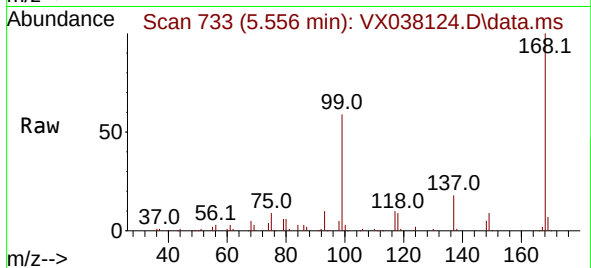




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX038124.D
Acq: 06 Oct 2023 12:38

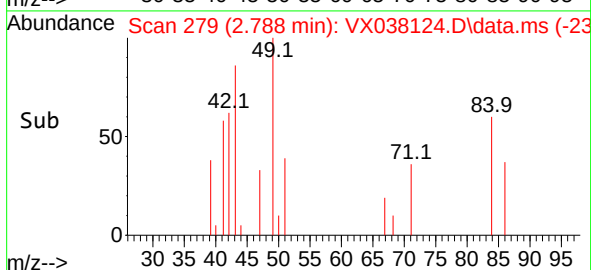
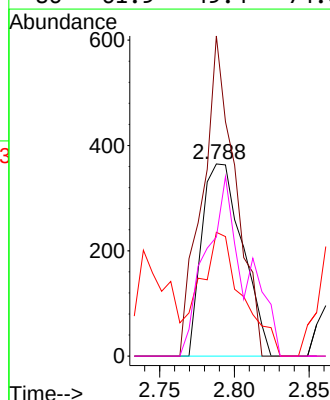
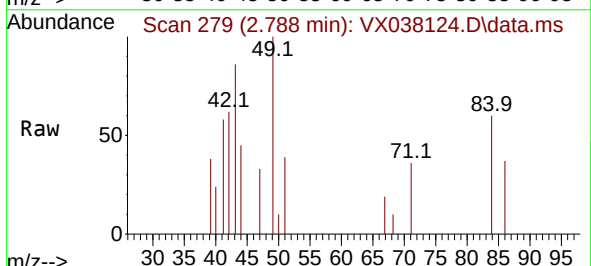
Instrument :
MSVOA_X
ClientSampleId :
MW-6A

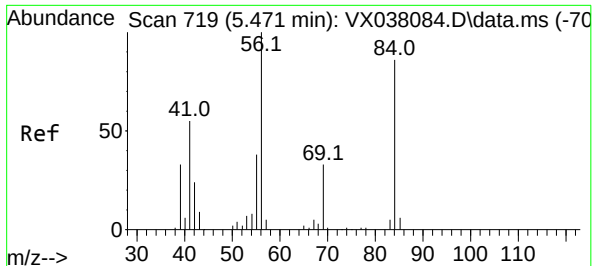
Tgt Ion:168 Resp: 106953
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#20
Methylene Chloride
Concen: 0.510 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038124.D
Acq: 06 Oct 2023 12:38

Tgt Ion: 84 Resp: 689
Ion Ratio Lower Upper
84 100
49 166.6 103.6 155.4#
51 64.4 33.8 50.6#
86 61.9 49.4 74.0

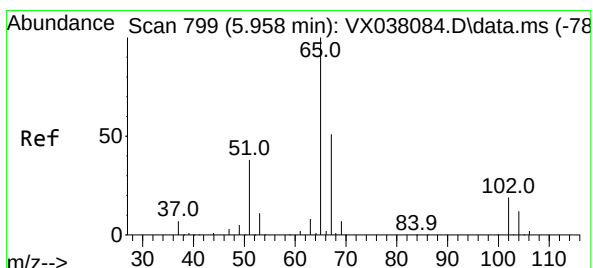
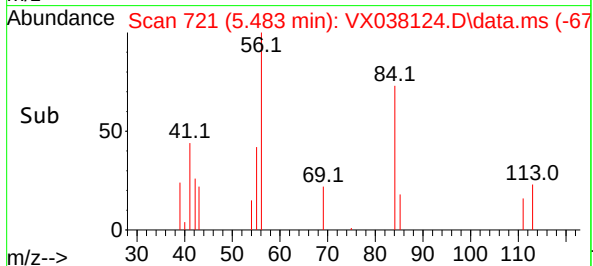
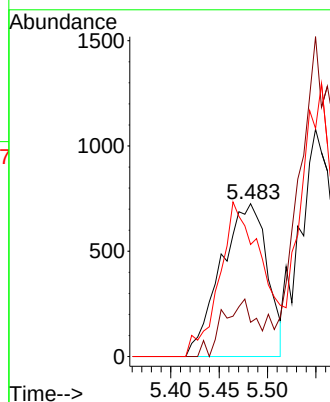
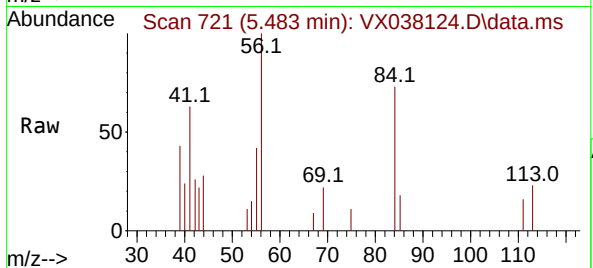




#31
Cyclohexane
Concen: 1.296 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.012 min
Lab File: VX038124.D
Acq: 06 Oct 2023 12:38

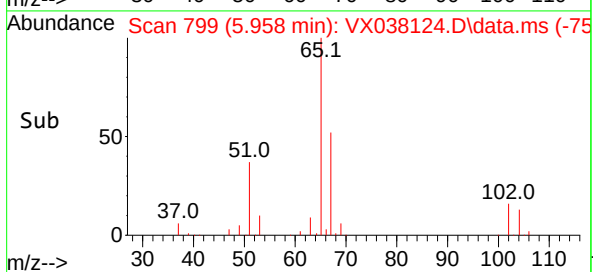
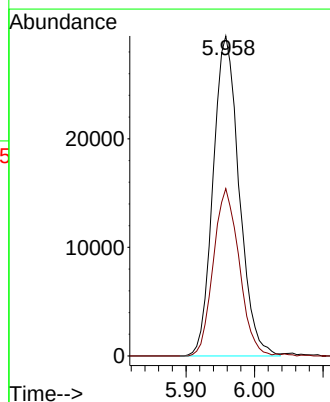
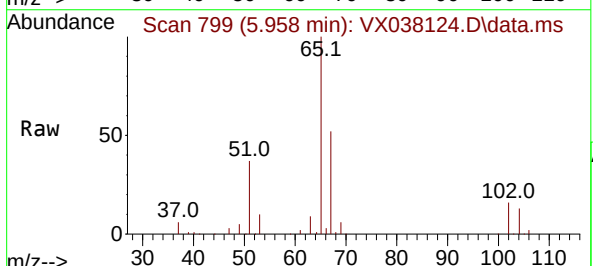
Instrument :
MSVOA_X
ClientSampleId :
MW-6A

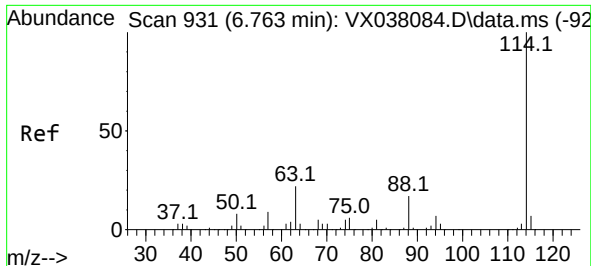
Tgt Ion: 56 Resp: 2416
Ion Ratio Lower Upper
56 100
69 22.5 23.4 35.2#
84 73.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.188 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038124.D
Acq: 06 Oct 2023 12:38

Tgt Ion: 65 Resp: 77735
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

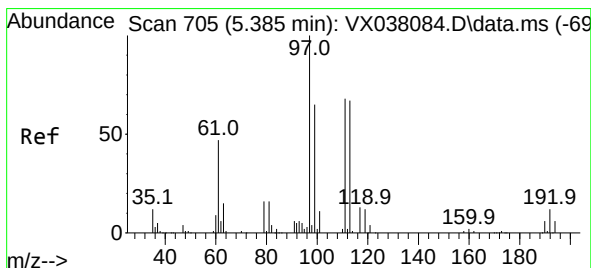
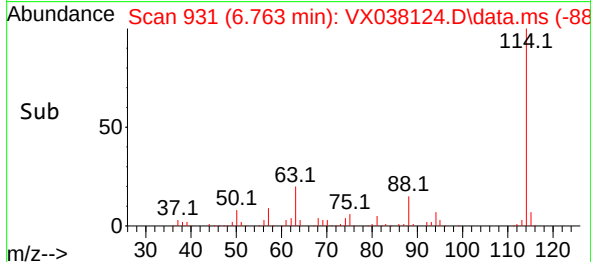
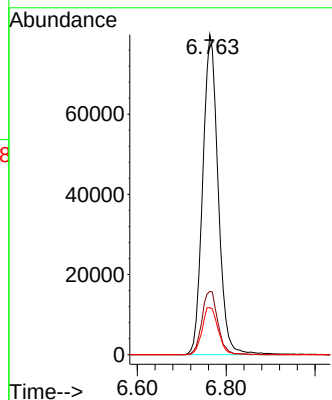
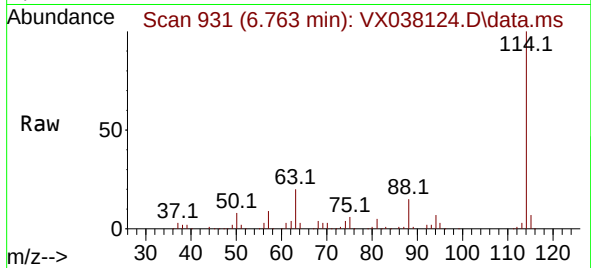




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038124.D
Acq: 06 Oct 2023 12:38

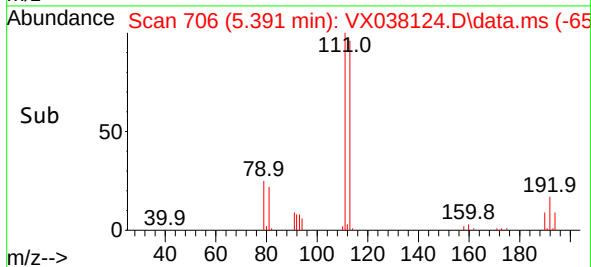
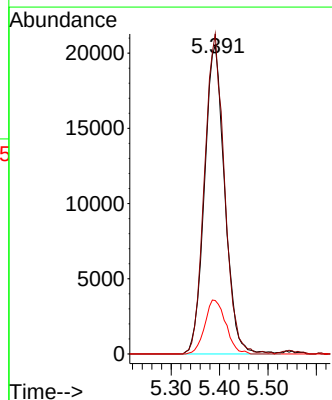
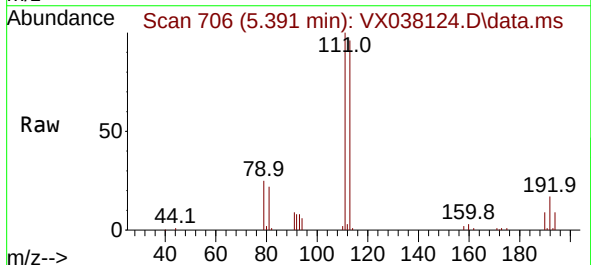
Instrument :
MSVOA_X
ClientSampleId :
MW-6A

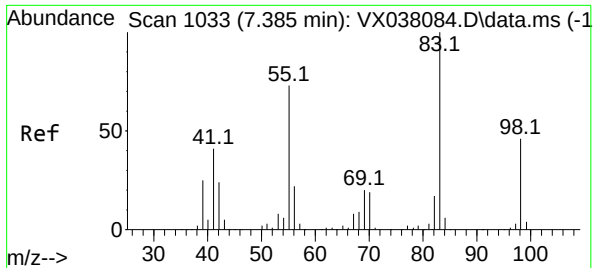
Tgt Ion:114 Resp: 192921
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.919 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038124.D
Acq: 06 Oct 2023 12:38

Tgt Ion:113 Resp: 59663
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.1 13.3 19.9





#39

Methylcyclohexane

Concen: 0.474 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.013 min

Lab File: VX038124.D

Acq: 06 Oct 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

MW-6A

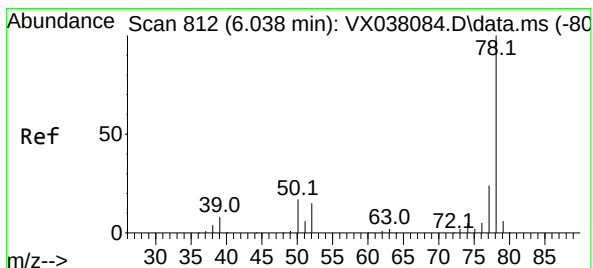
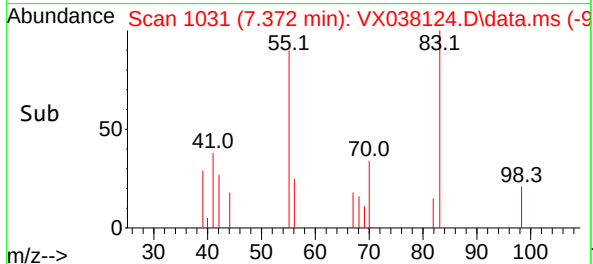
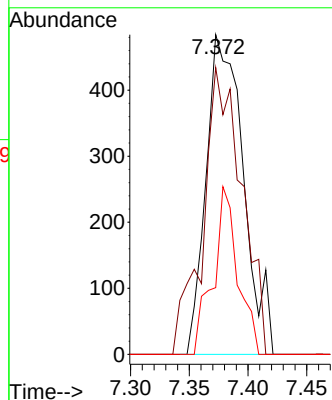
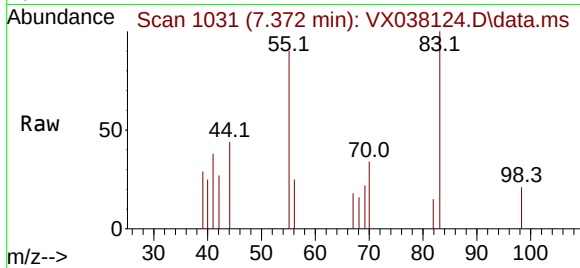
Tgt Ion: 83 Resp: 1064

Ion Ratio Lower Upper

83 100

55 89.7 64.6 97.0

98 20.9 36.7 55.1#



#40

Benzene

Concen: 16.401 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.005 min

Lab File: VX038124.D

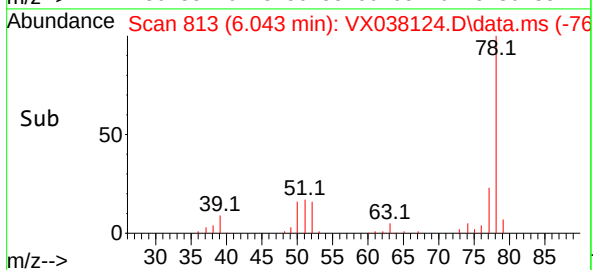
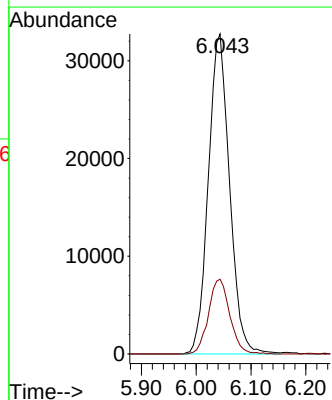
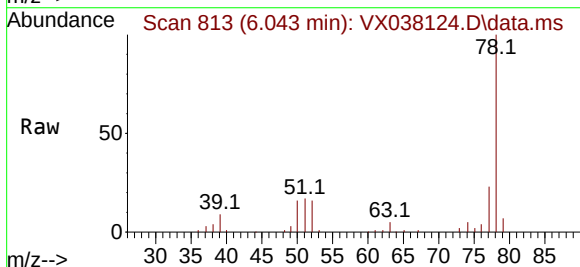
Acq: 06 Oct 2023 12:38

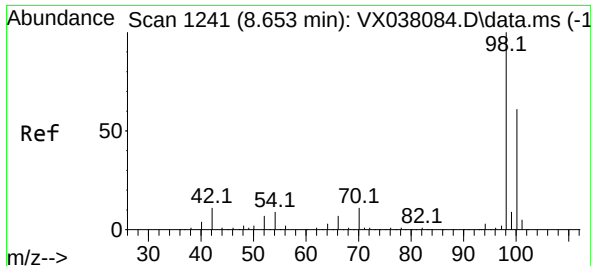
Tgt Ion: 78 Resp: 87935

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9

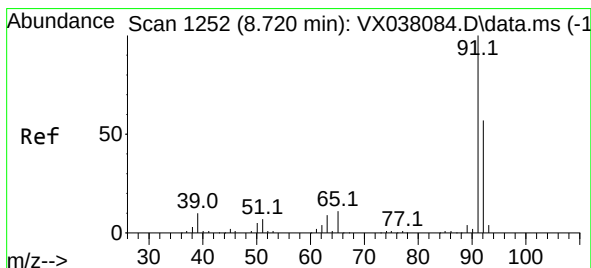
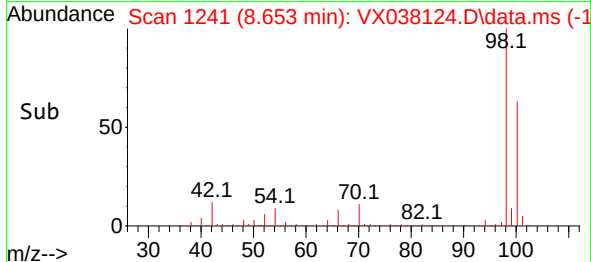
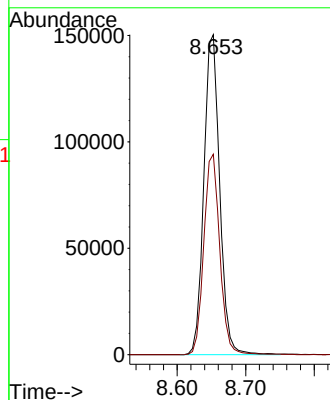
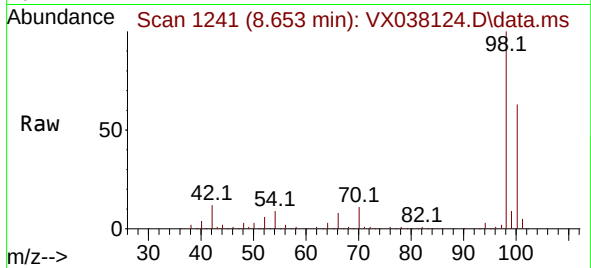




#50
Toluene-d8
Concen: 45.619 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038124.D
Acq: 06 Oct 2023 12:38

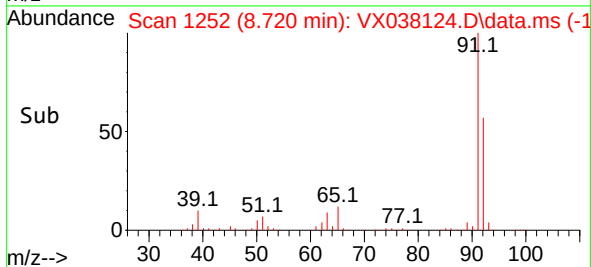
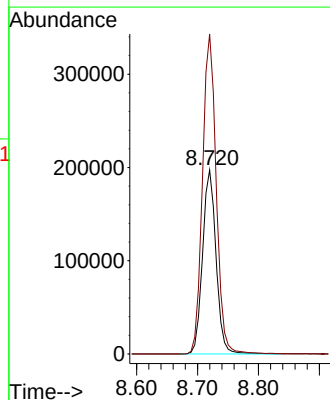
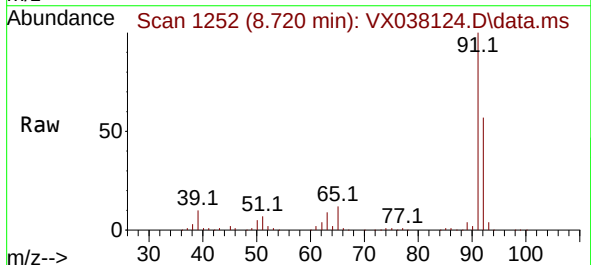
Instrument :
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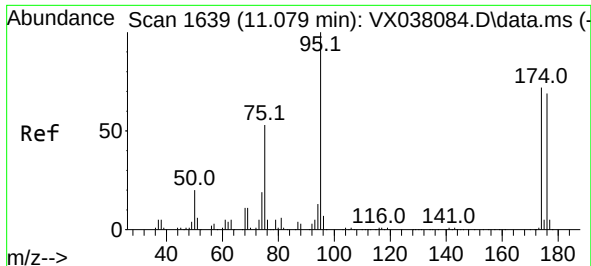
Tgt Ion: 98 Resp: 242326
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#52
Toluene
Concen: 87.040 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038124.D
Acq: 06 Oct 2023 12:38

Tgt Ion: 92 Resp: 303995
Ion Ratio Lower Upper
92 100
91 177.4 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 44.586 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038124.D

Acq: 06 Oct 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

MW-6A

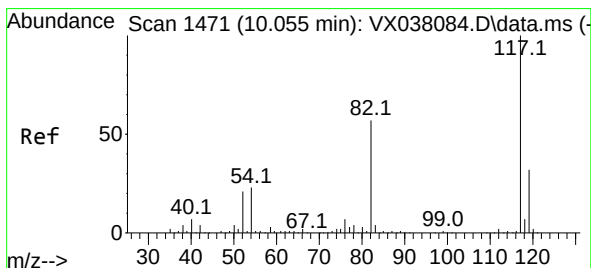
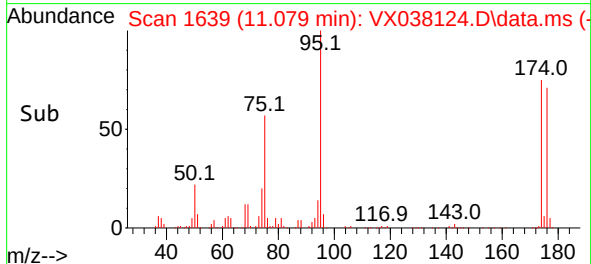
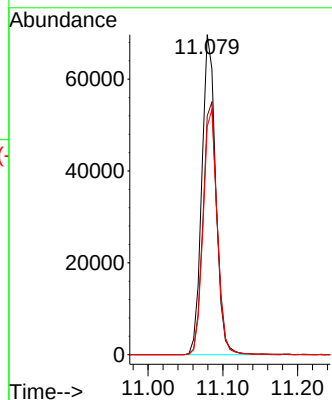
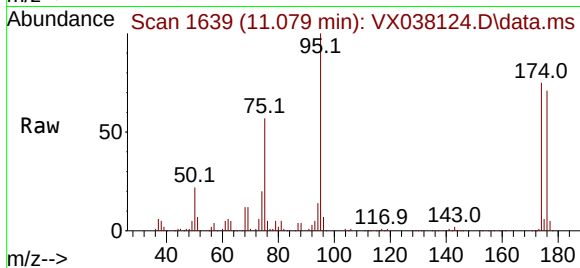
Tgt Ion: 95 Resp: 89788

Ion Ratio Lower Upper

95 100

174 80.8 0.0 135.6

176 77.6 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: VX038124.D

Acq: 06 Oct 2023 12:38

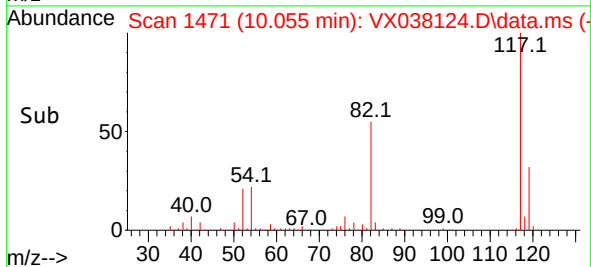
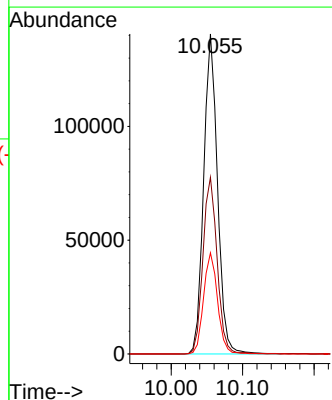
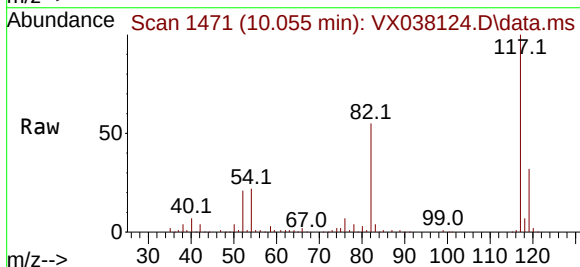
Tgt Ion: 117 Resp: 189246

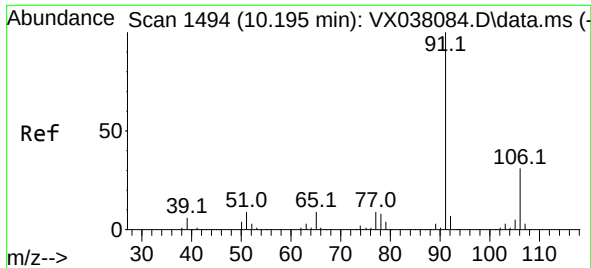
Ion Ratio Lower Upper

117 100

82 55.2 46.2 69.4

119 31.6 25.5 38.3





#67

Ethyl Benzene

Concen: 8.687 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038124.D

Acq: 06 Oct 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

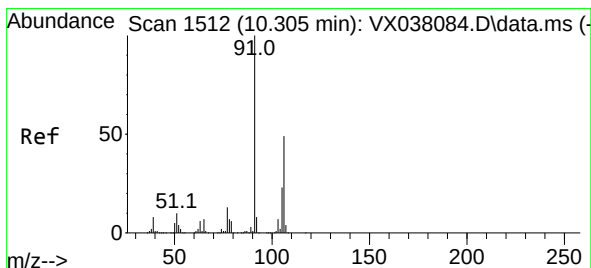
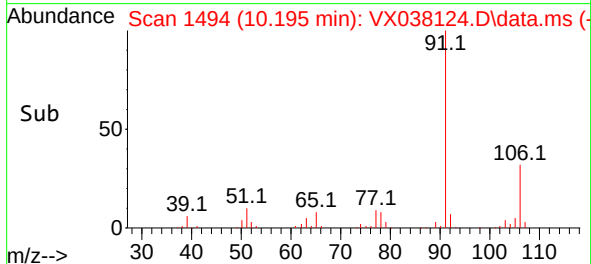
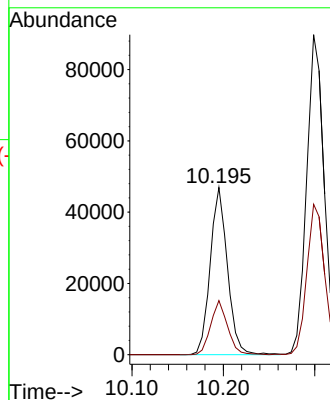
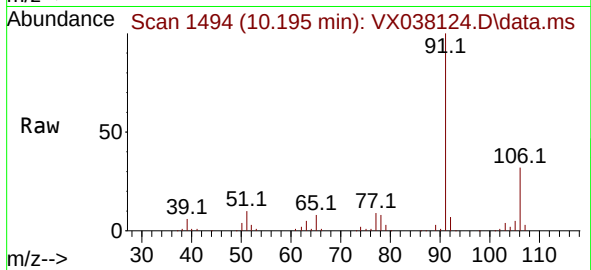
MW-6A

Tgt Ion: 91 Resp: 61402

Ion Ratio Lower Upper

91 100

106 32.4 24.9 37.3



#68

m/p-Xylenes

Concen: 21.214 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX038124.D

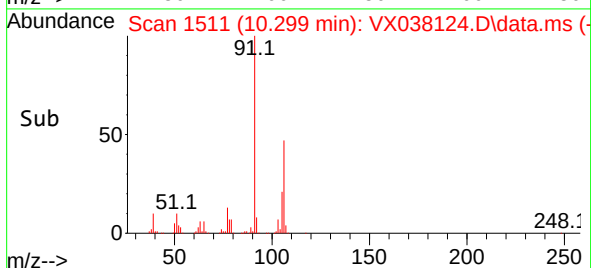
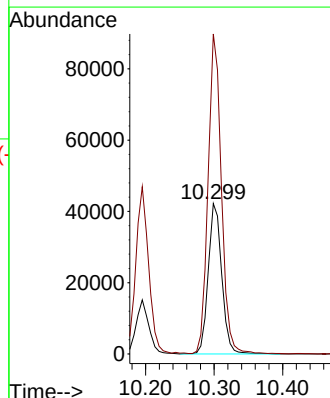
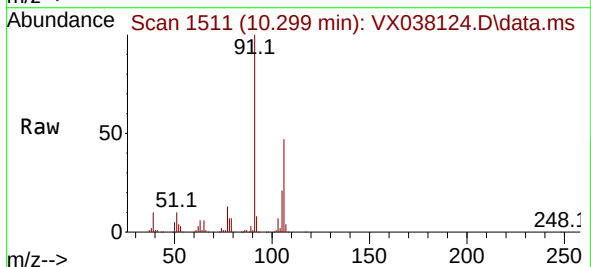
Acq: 06 Oct 2023 12:38

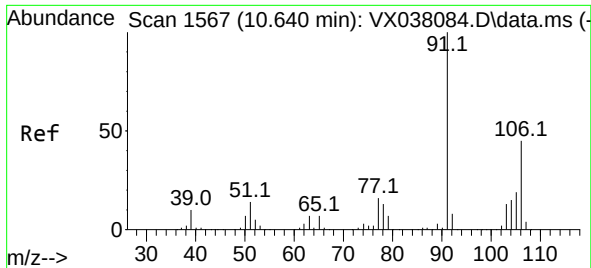
Tgt Ion: 106 Resp: 57983

Ion Ratio Lower Upper

106 100

91 209.6 165.5 248.3

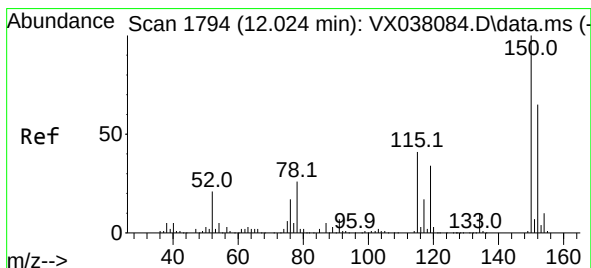
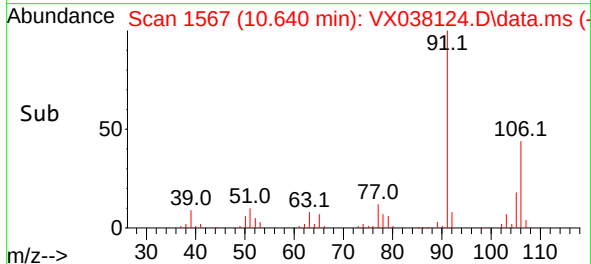
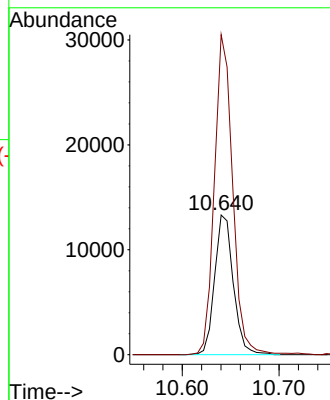
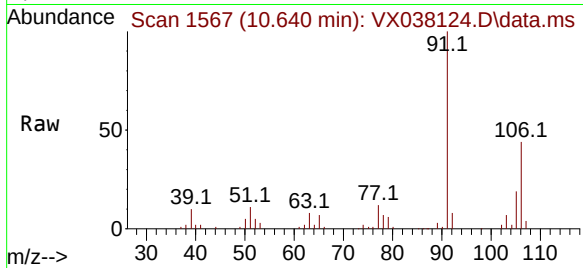




#69
o-Xylene
Concen: 6.690 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038124.D
Acq: 06 Oct 2023 12:38

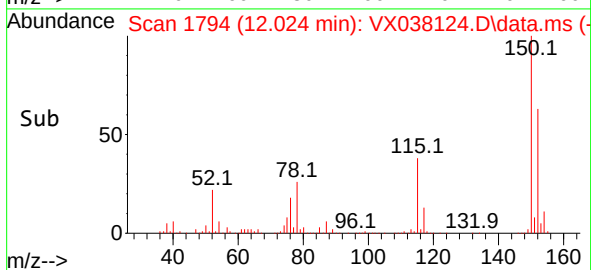
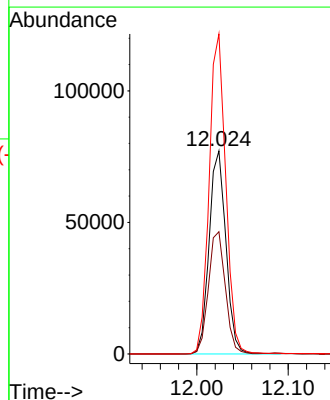
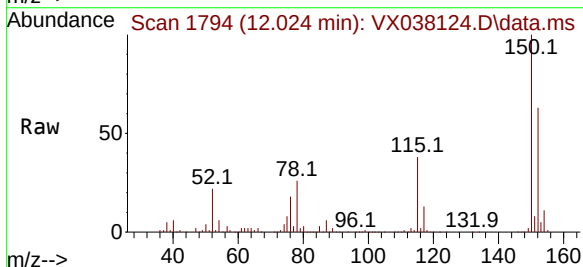
Instrument :
MSVOA_X
ClientSampleId :
MW-6A

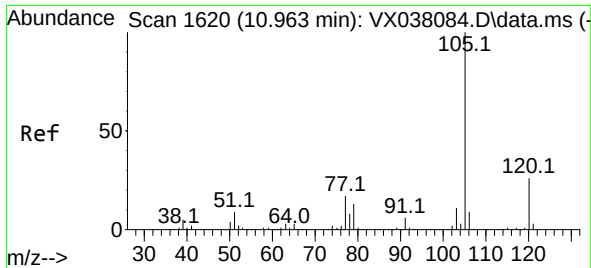
Tgt Ion:106 Resp: 17847
Ion Ratio Lower Upper
106 100
91 223.3 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038124.D
Acq: 06 Oct 2023 12:38

Tgt Ion:152 Resp: 98355
Ion Ratio Lower Upper
152 100
115 60.7 43.3 129.9
150 156.1 0.0 345.0

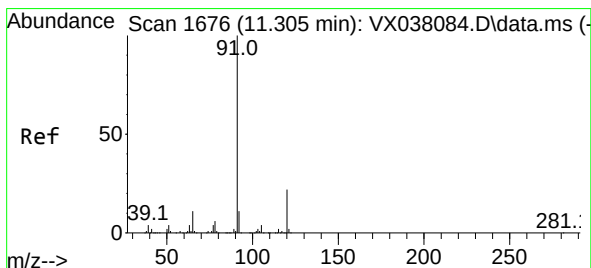
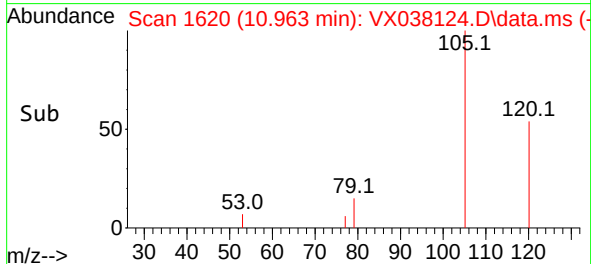
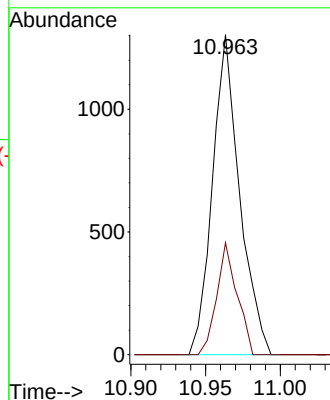
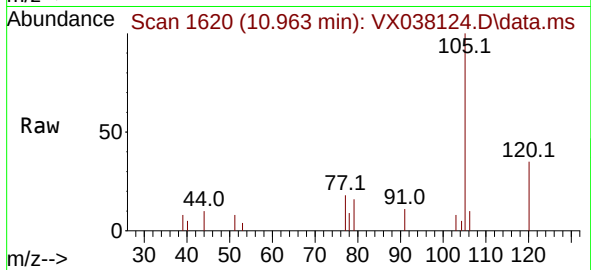




#73
Isopropylbenzene
Concen: 0.249 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038124.D
Acq: 06 Oct 2023 12:38

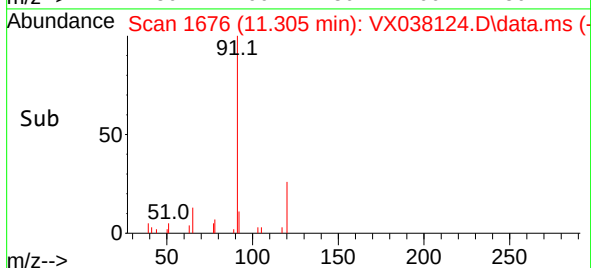
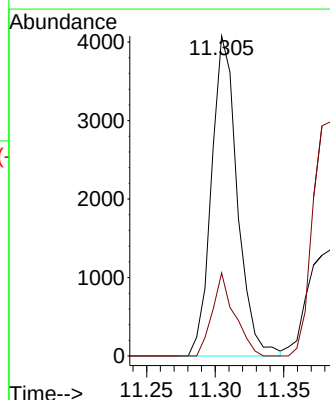
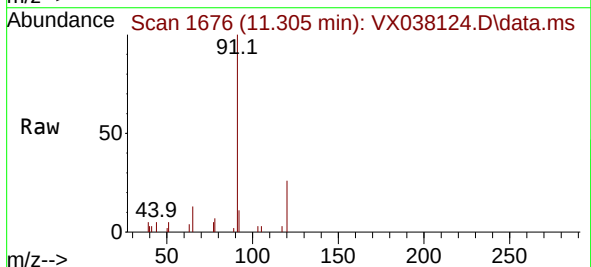
Instrument :
MSVOA_X
ClientSampleId :
MW-6A

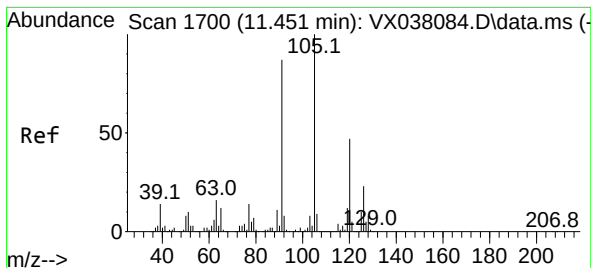
Tgt Ion:105 Resp: 1644
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6



#78
n-propylbenzene
Concen: 0.664 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038124.D
Acq: 06 Oct 2023 12:38

Tgt Ion: 91 Resp: 5356
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 0.946 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038124.D

Acq: 06 Oct 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

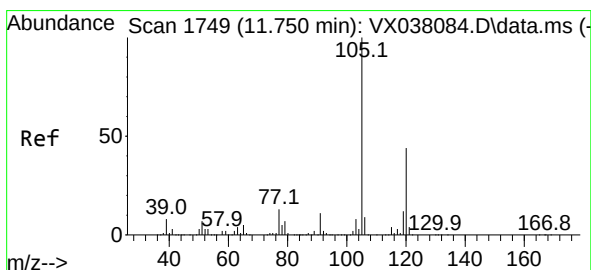
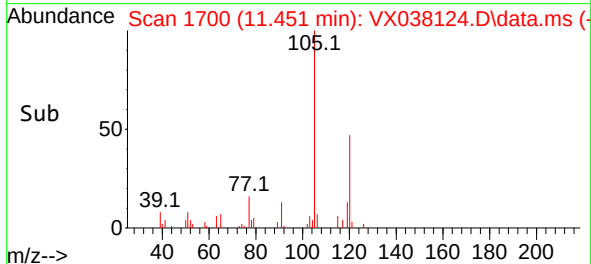
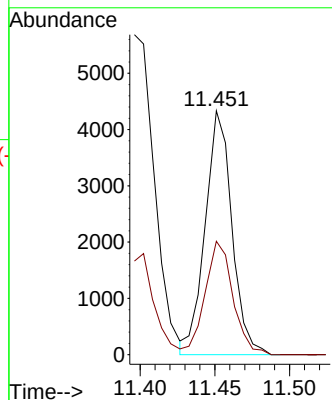
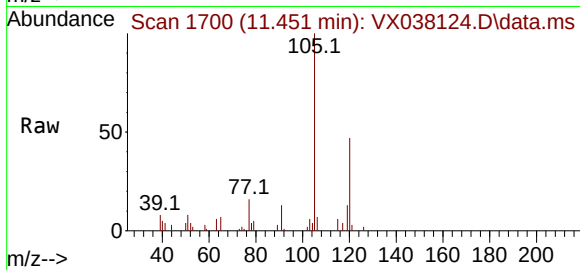
MW-6A

Tgt Ion:105 Resp: 5386

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 4.745 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038124.D

Acq: 06 Oct 2023 12:38

Tgt Ion:105 Resp: 26921

Ion Ratio Lower Upper

105 100

120 43.6 21.2 63.6

