

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025438.D
 Acq On : 02 Dec 2021 19:04
 Operator : JC/MD
 Sample : M4917-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Dec 03 03:10:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

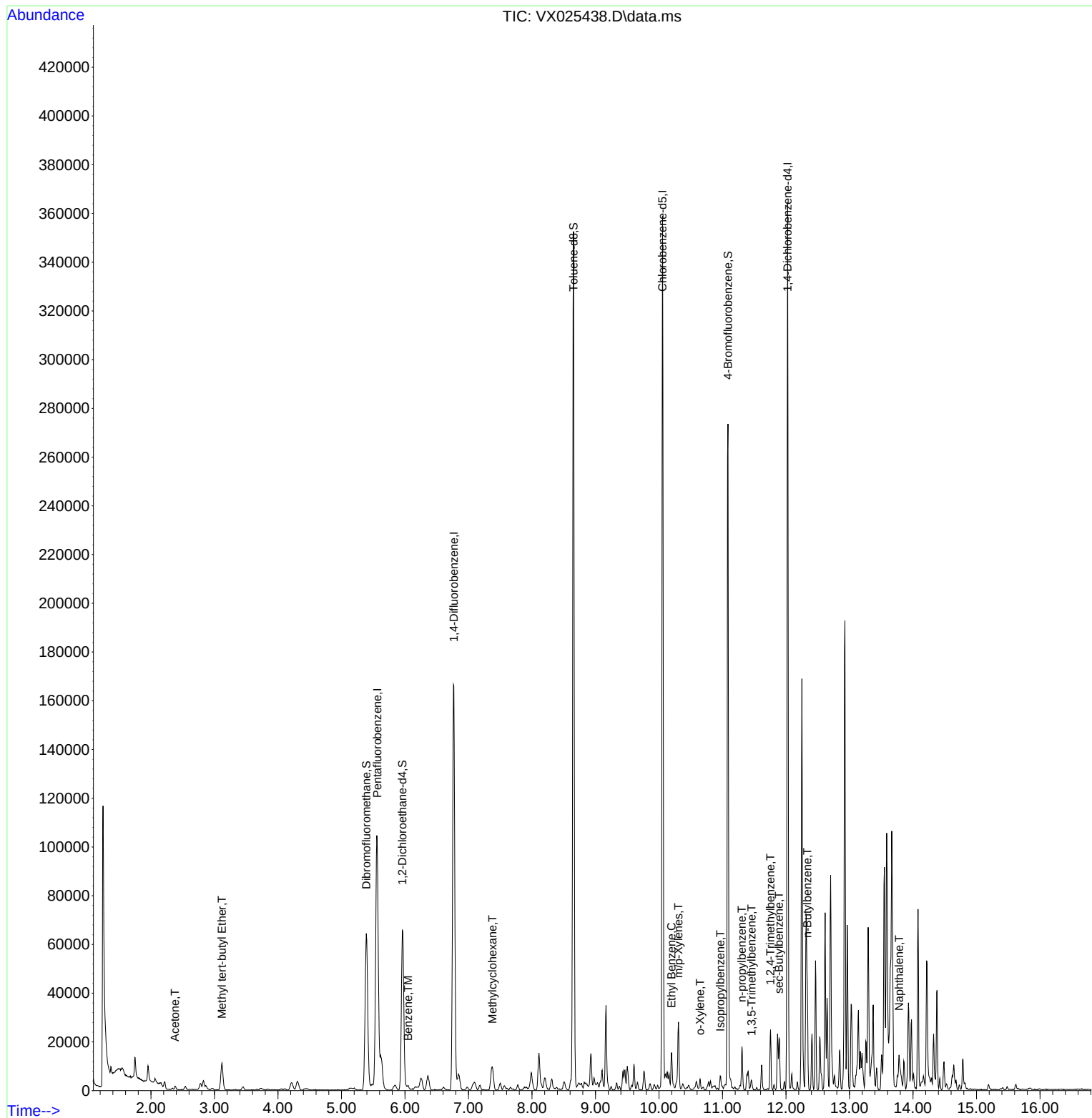
Internal Standards						
1) Pentafluorobenzene	5.562	168	107105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	181875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61838	54.774	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.540%	
35) Dibromofluoromethane	5.391	113	55448	49.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.380%	
50) Toluene-d8	8.653	98	208817	49.769	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	11.085	95	75353	47.473	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.940%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1576	2.512	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	10530	3.044	ug/l #	77
39) Methylcyclohexane	7.379	83	3433	1.687	ug/l #	88
40) Benzene	6.050	78	2240	0.466	ug/l #	87
67) Ethyl Benzene	10.195	91	9332	1.621	ug/l	96
68) m/p-Xylenes	10.305	106	6486	2.758	ug/l	95
69) o-Xylene	10.647	106	856	0.372	ug/l	100
73) Isopropylbenzene	10.964	105	2404	0.446	ug/l	96
78) n-propylbenzene	11.305	91	10390	1.717	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	1722	0.380	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	10694	2.387	ug/l	95
85) sec-Butylbenzene	11.890	105	11721	2.093	ug/l	96
89) n-Butylbenzene	12.335	91	22066	5.441	ug/l #	66
95) Naphthalene	13.780	128	9242	1.446	ug/l #	84

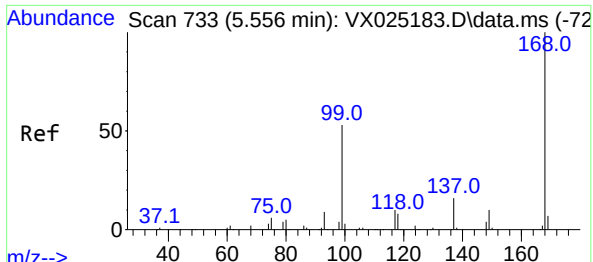
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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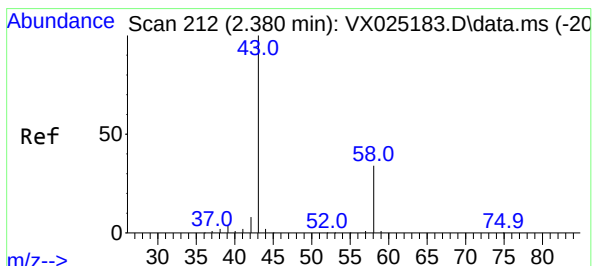
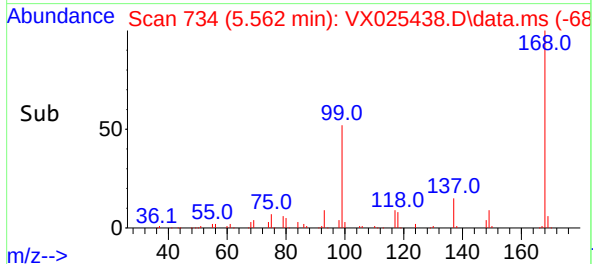
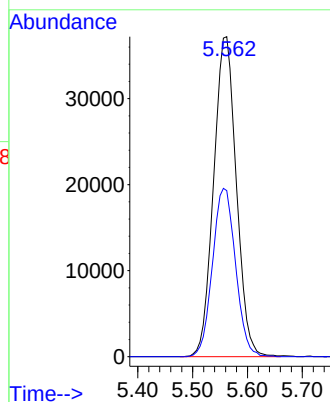
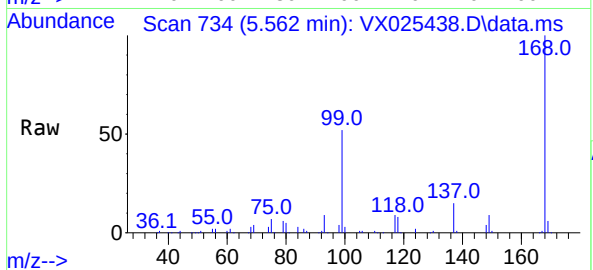




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

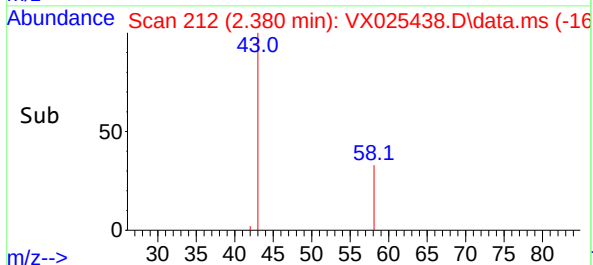
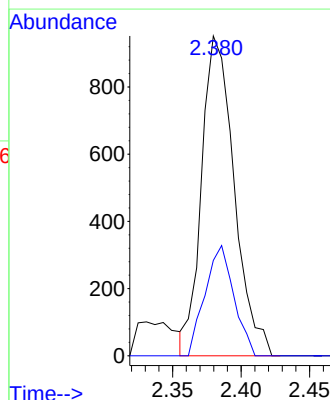
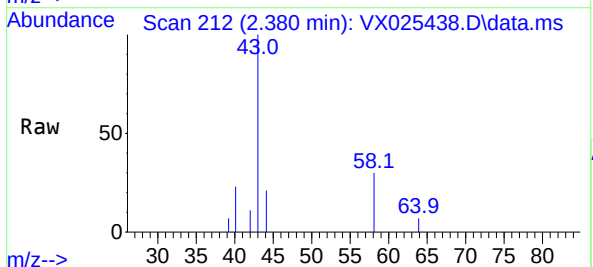
Instrument :
MSVOA_X
ClientSampleId :
MW-24

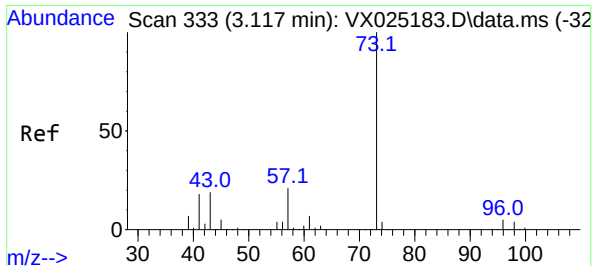
Tgt Ion:168 Resp: 107105
Ion Ratio Lower Upper
168 100
99 51.9 46.4 69.6



#16
Acetone
Concen: 2.512 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
58 29.8 24.0 36.0

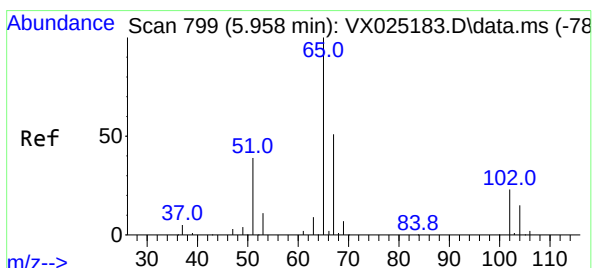
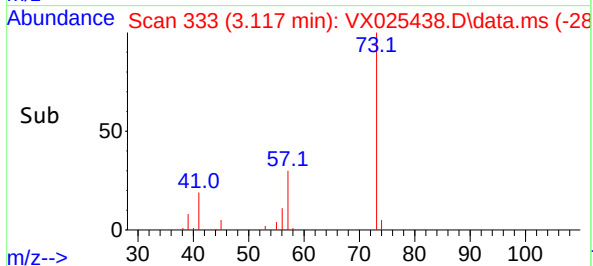
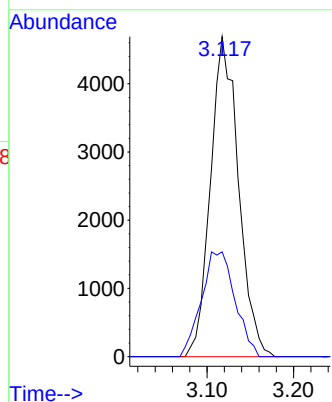
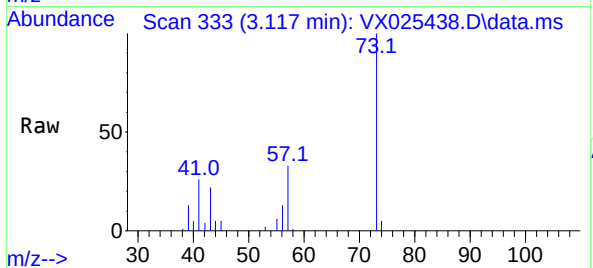




#19
Methyl tert-butyl Ether
Concen: 3.044 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

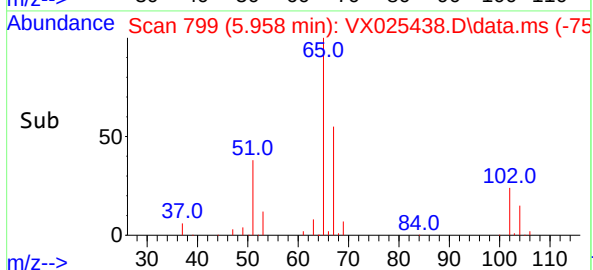
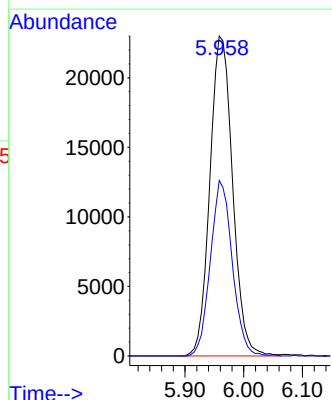
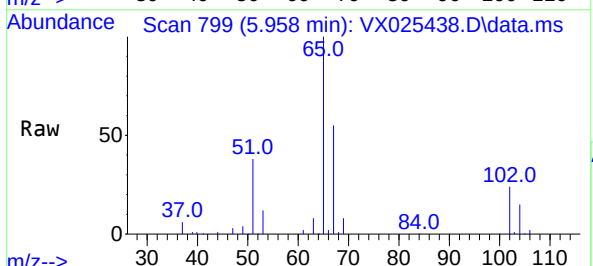
Instrument :
MSVOA_X
ClientSampleId :
MW-24

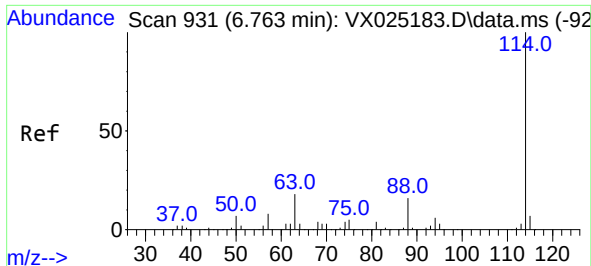
Tgt Ion: 73 Resp: 10530
Ion Ratio Lower Upper
73 100
57 32.8 17.5 26.3#



#33
1,2-Dichloroethane-d4
Concen: 54.774 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

Tgt Ion: 65 Resp: 61838
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.0

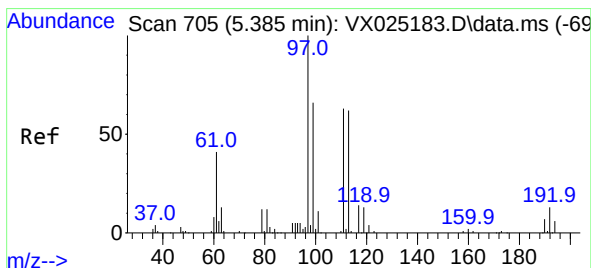
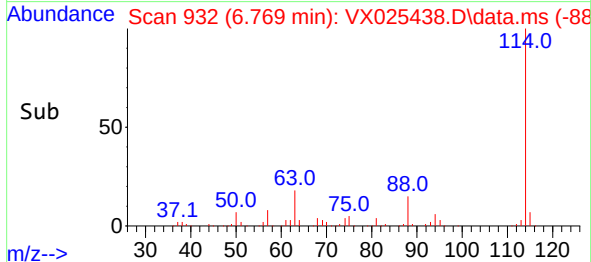
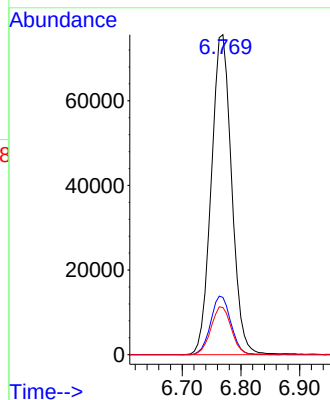
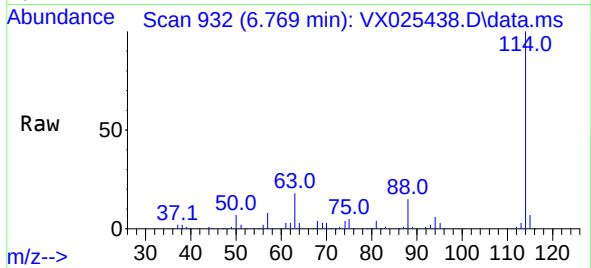




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

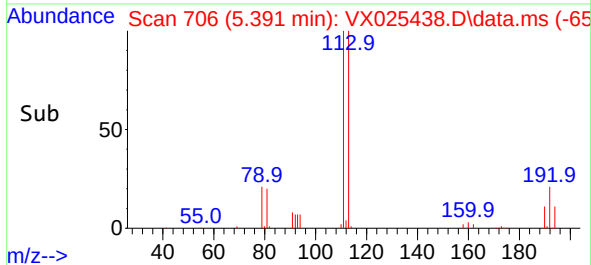
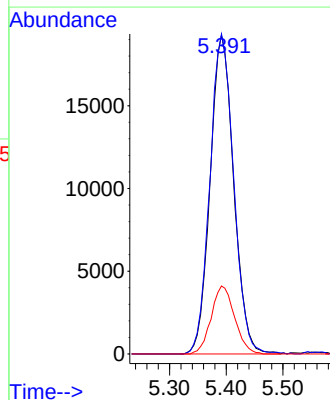
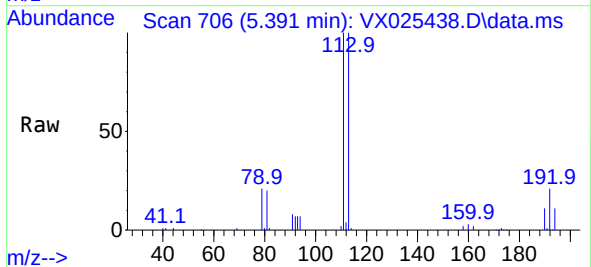
Instrument :
MSVOA_X
ClientSampleId :
MW-24

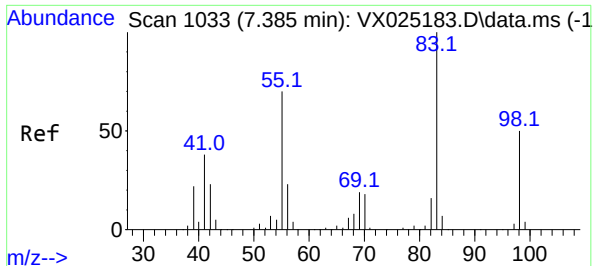
Tgt Ion:114 Resp: 181875
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.0
88 14.8 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.688 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

Tgt Ion:113 Resp: 55448
Ion Ratio Lower Upper
113 100
111 101.7 82.1 123.1
192 21.2 15.6 23.4





#39

Methylcyclohexane

Concen: 1.687 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX025438.D

Acq: 02 Dec 2021 19:04

Instrument :

MSVOA_X

ClientSampleId :

MW-24

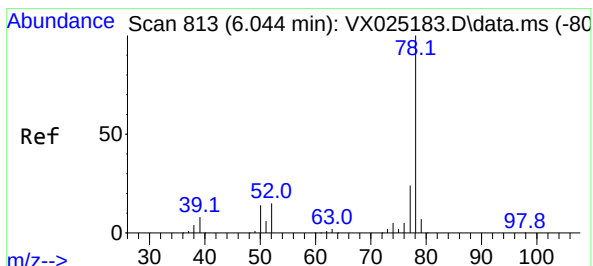
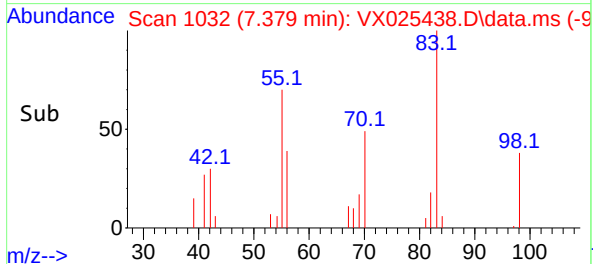
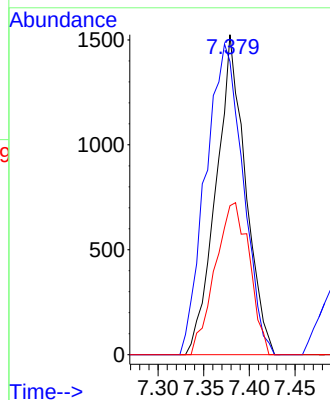
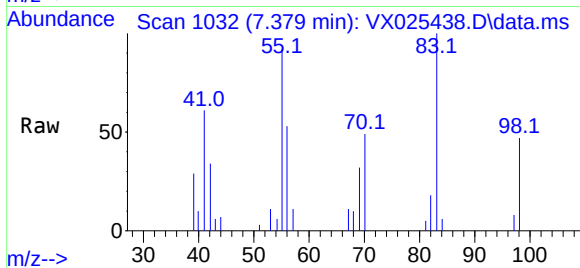
Tgt Ion: 83 Resp: 3433

Ion Ratio Lower Upper

83 100

55 91.6 60.8 91.2#

98 46.6 37.0 55.4



#40

Benzene

Concen: 0.466 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX025438.D

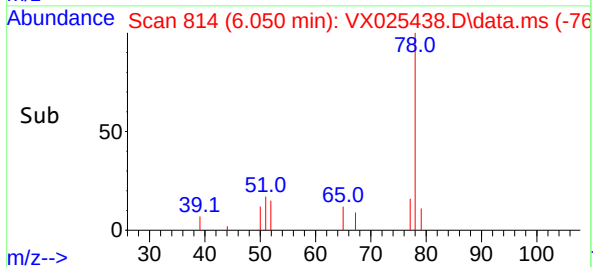
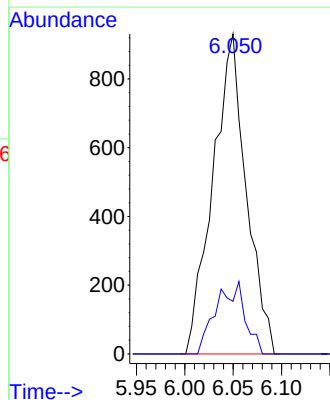
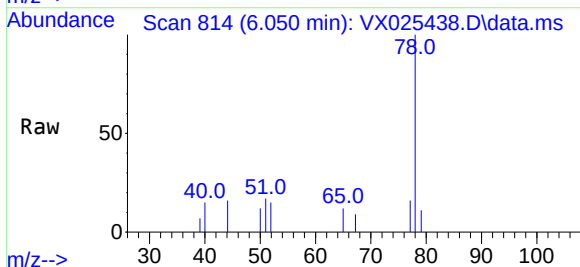
Acq: 02 Dec 2021 19:04

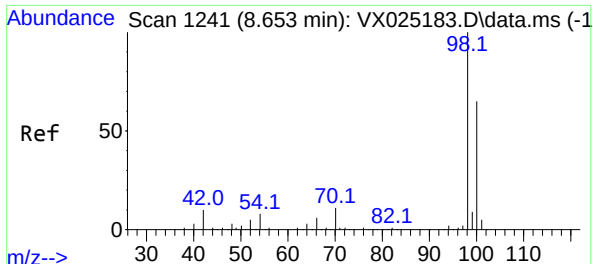
Tgt Ion: 78 Resp: 2240

Ion Ratio Lower Upper

78 100

77 16.4 18.3 27.5#

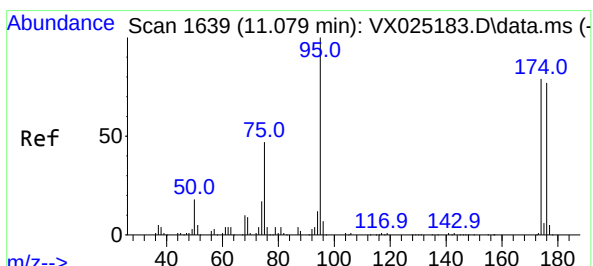
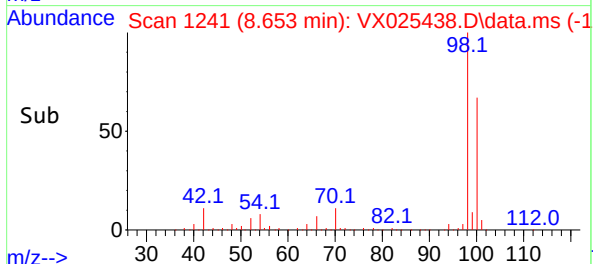
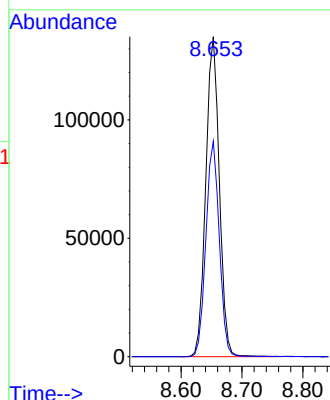
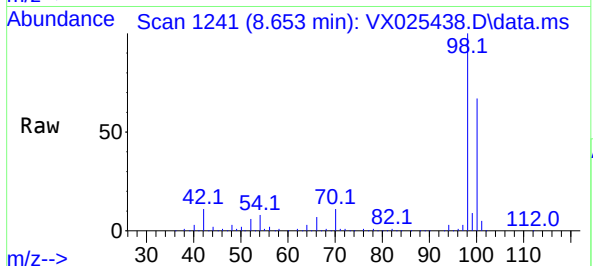




#50
Toluene-d8
Concen: 49.769 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

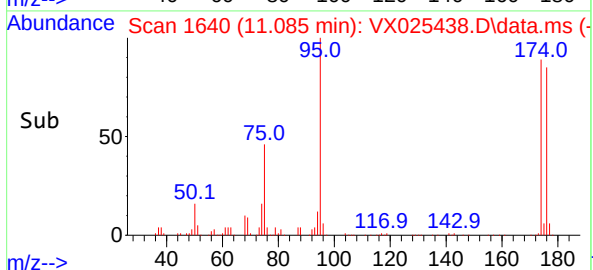
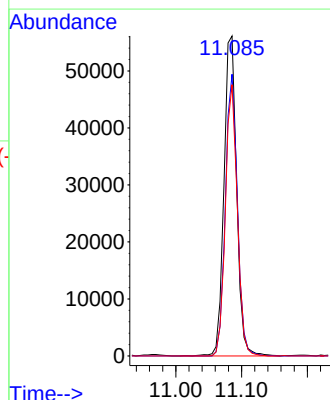
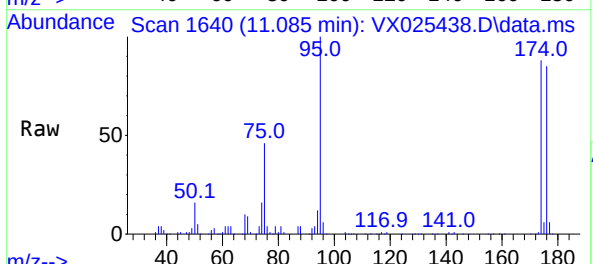
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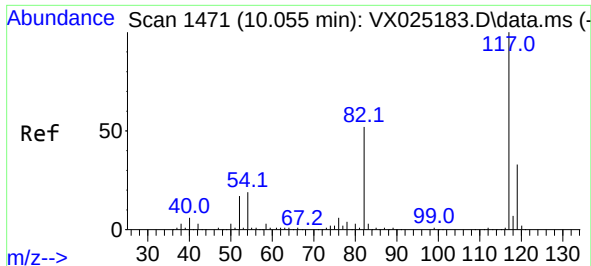
Tgt Ion: 98 Resp: 208817
Ion Ratio Lower Upper
98 100
100 66.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.473 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

Tgt Ion: 95 Resp: 75353
Ion Ratio Lower Upper
95 100
174 83.4 0.0 158.0
176 79.7 0.0 153.6

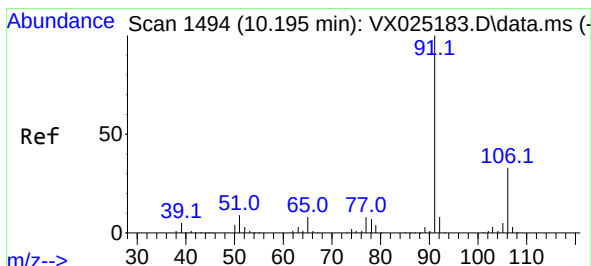
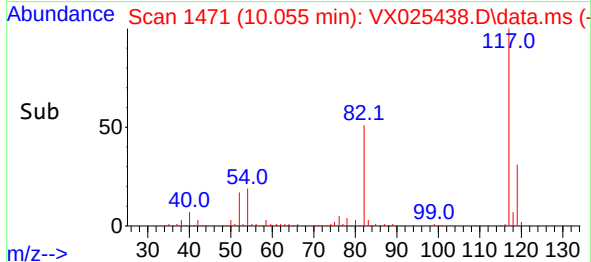
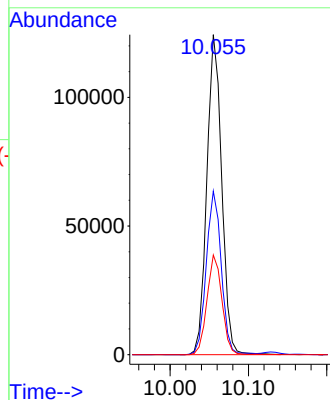
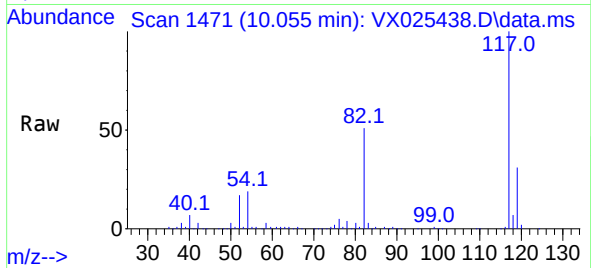




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

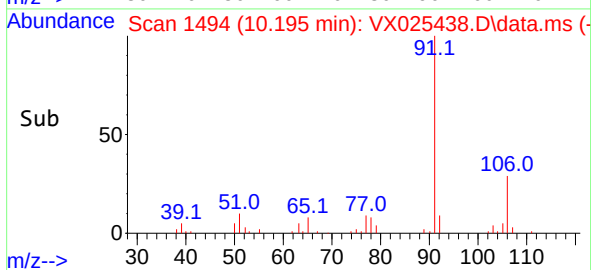
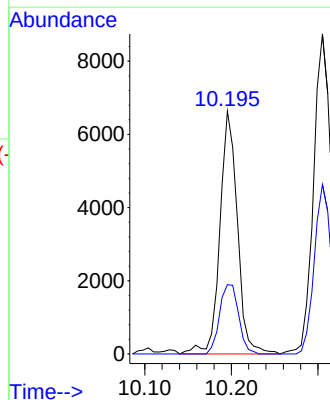
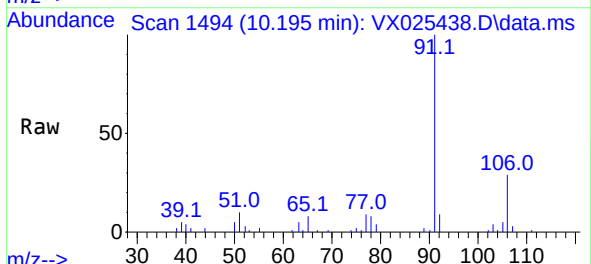
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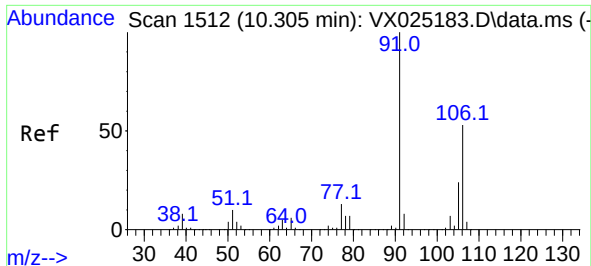
Tgt Ion:117 Resp: 163488
Ion Ratio Lower Upper
117 100
82 51.1 44.6 67.0
119 31.2 24.8 37.2



#67
Ethyl Benzene
Concen: 1.621 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

Tgt Ion: 91 Resp: 9332
Ion Ratio Lower Upper
91 100
106 28.5 24.7 37.1

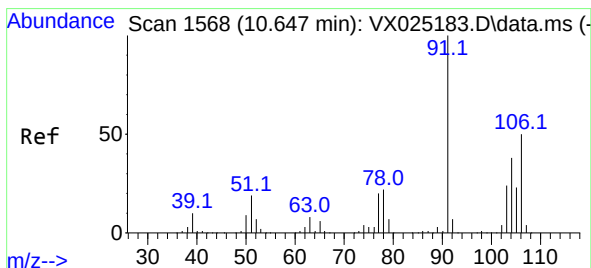
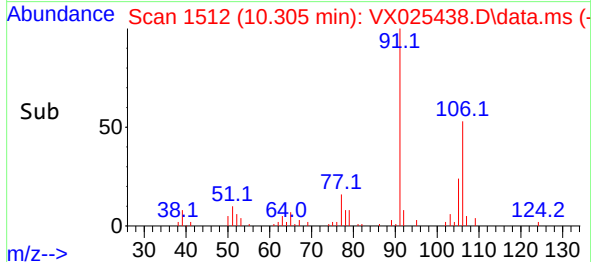
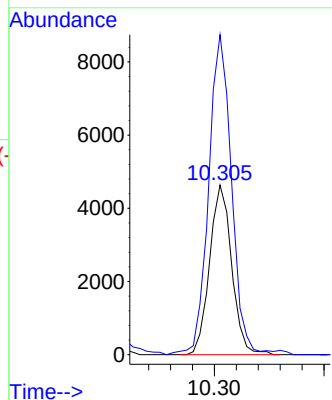
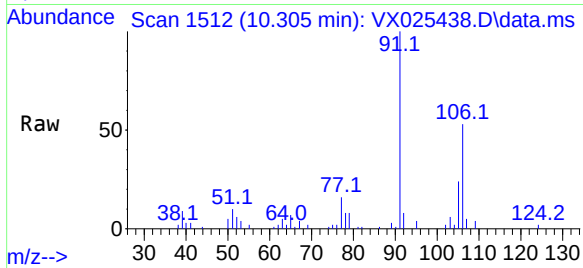




#68
m/p-Xylenes
Concen: 2.758 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

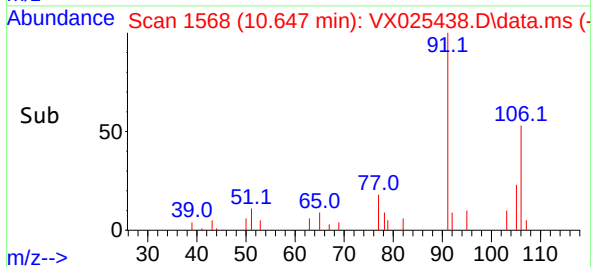
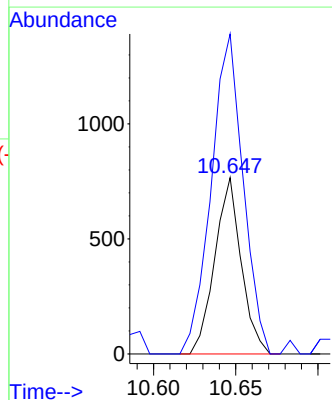
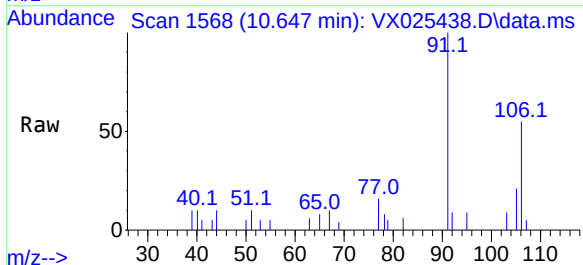
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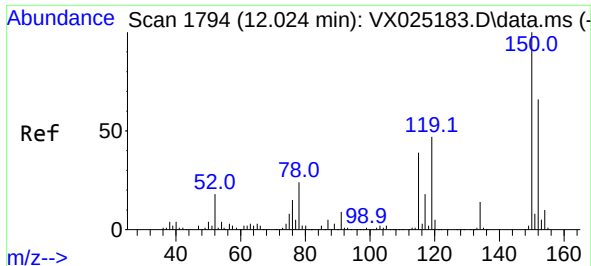
Tgt Ion:106 Resp: 6486
Ion Ratio Lower Upper
106 100
91 196.1 163.4 245.0



#69
o-Xylene
Concen: 0.372 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

Tgt Ion:106 Resp: 856
Ion Ratio Lower Upper
106 100
91 219.2 109.5 328.4

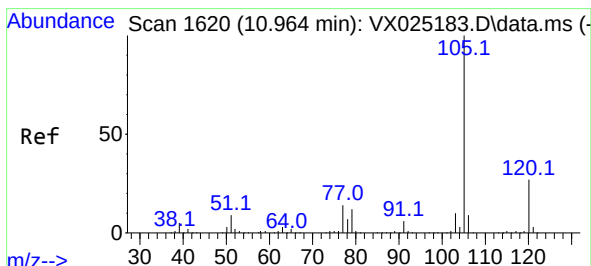
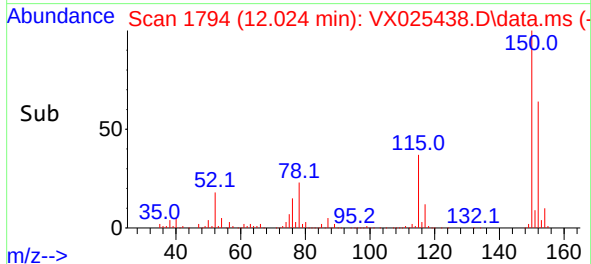
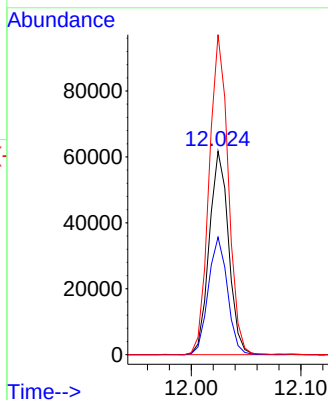
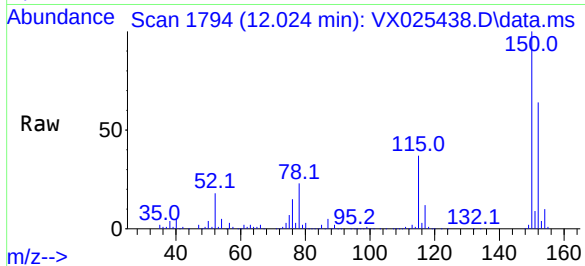




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

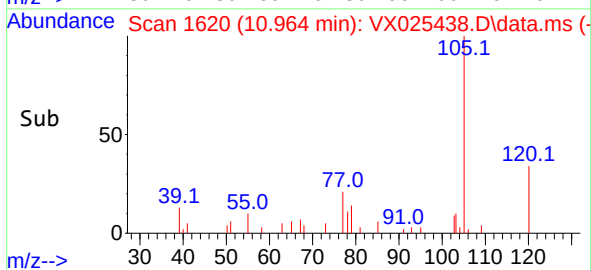
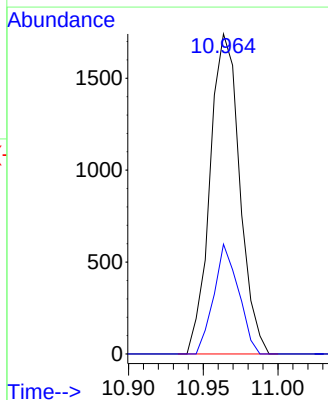
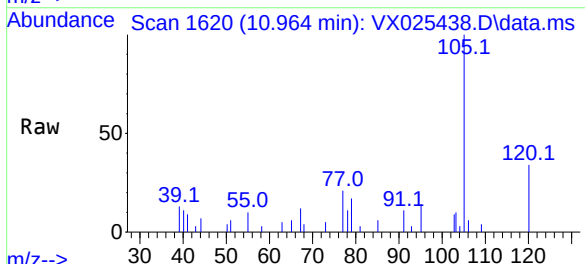
Instrument :
MSVOA_X
ClientSampleId :
MW-24

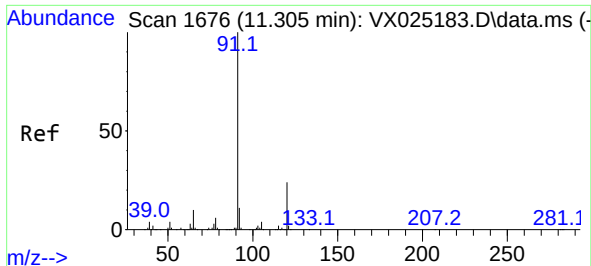
Tgt Ion:152 Resp: 75654
Ion Ratio Lower Upper
152 100
115 56.9 43.3 129.8
150 156.1 0.0 351.2



#73
Isopropylbenzene
Concen: 0.446 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

Tgt Ion:105 Resp: 2404
Ion Ratio Lower Upper
105 100
120 28.5 13.3 39.8

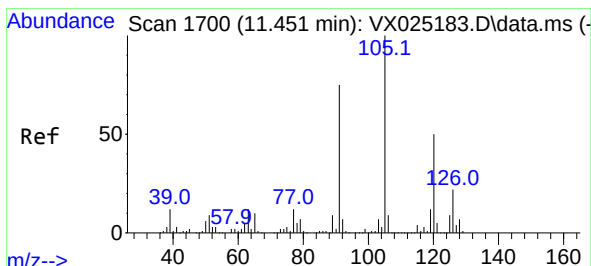
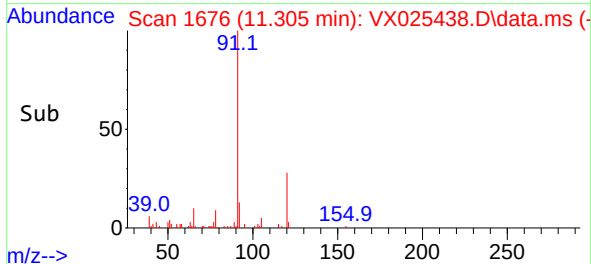
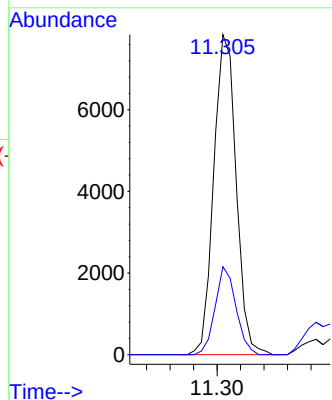
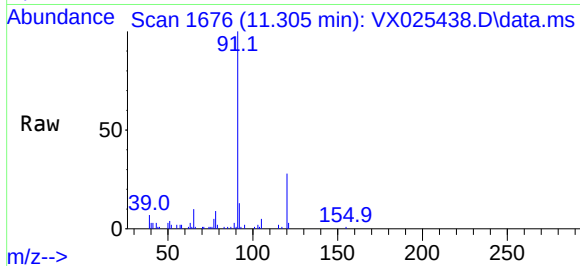




#78
n-propylbenzene
Concen: 1.717 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

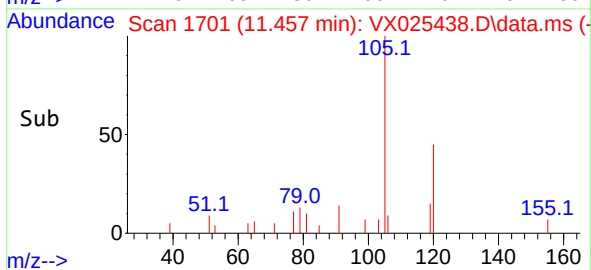
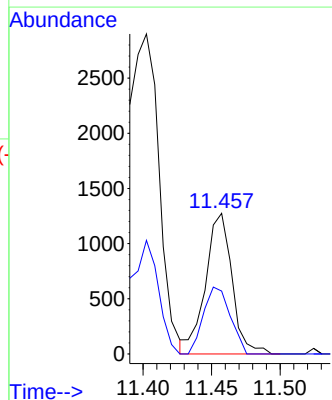
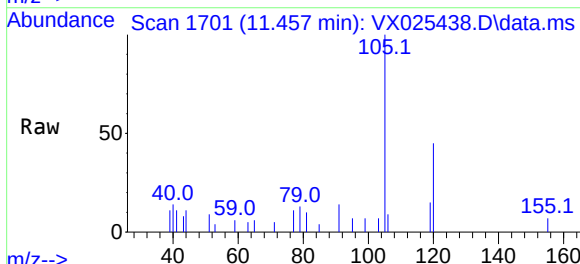
Instrument :
MSVOA_X
ClientSampleId :
MW-24

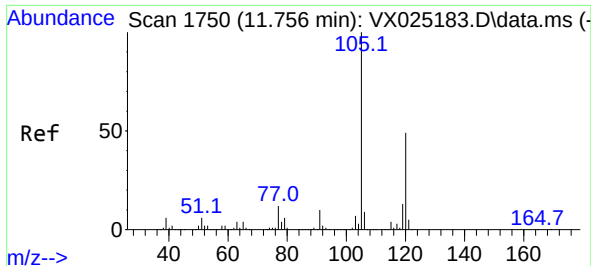
Tgt Ion: 91 Resp: 10390
Ion Ratio Lower Upper
91 100
120 25.5 11.7 35.0



#80
1,3,5-Trimethylbenzene
Concen: 0.380 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

Tgt Ion: 105 Resp: 1722
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.5

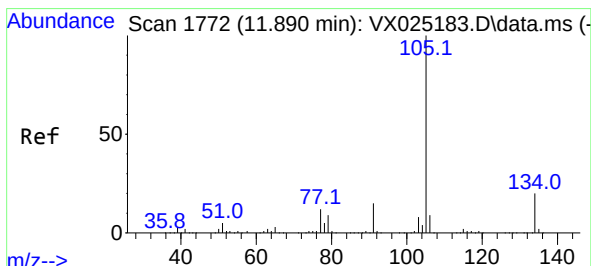
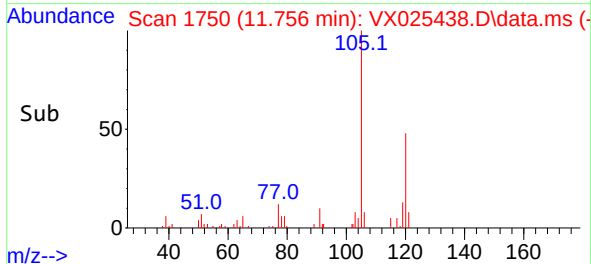
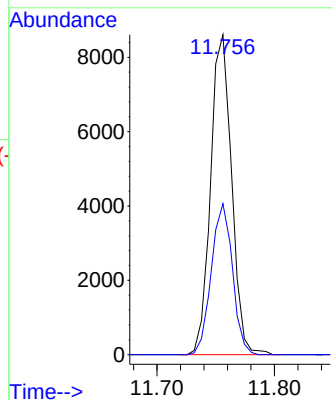
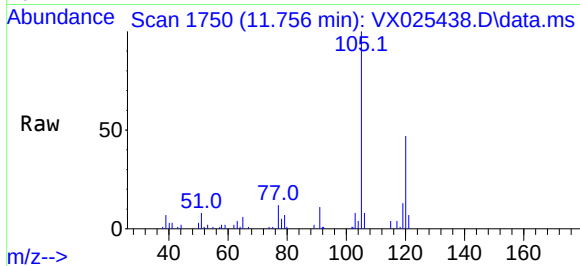




#84
1,2,4-Trimethylbenzene
Concen: 2.387 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

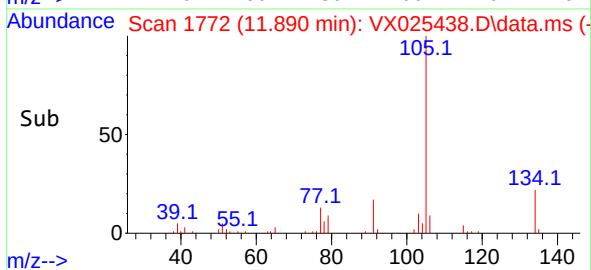
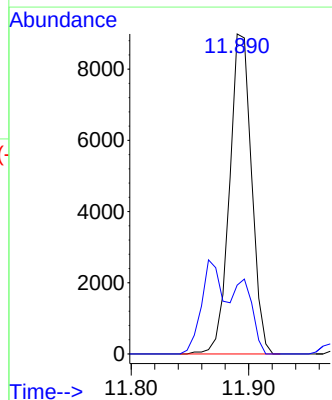
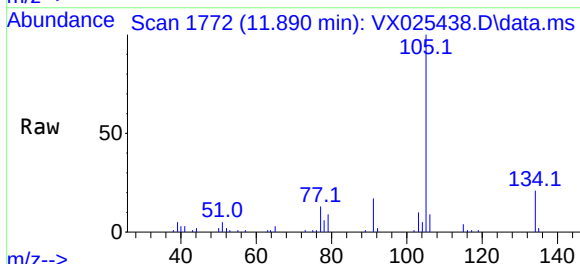
Instrument :
MSVOA_X
ClientSampleId :
MW-24

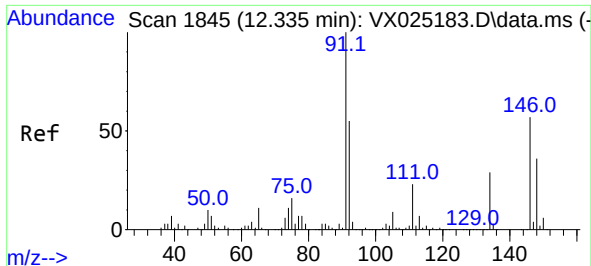
Tgt Ion:105 Resp: 10694
Ion Ratio Lower Upper
105 100
120 47.4 22.1 66.3



#85
sec-Butylbenzene
Concen: 2.093 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

Tgt Ion:105 Resp: 11721
Ion Ratio Lower Upper
105 100
134 18.3 10.2 30.4



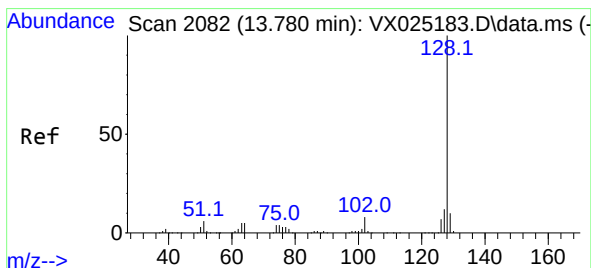
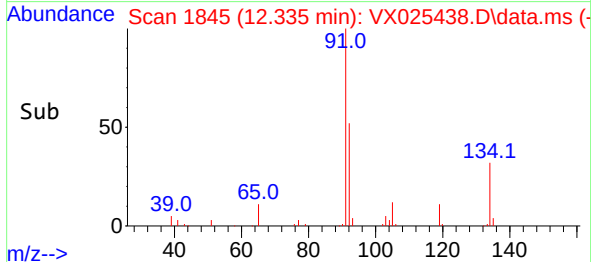
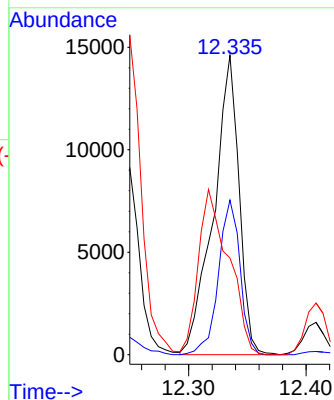
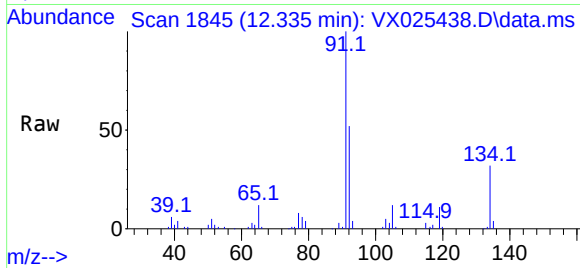


#89
n-Butylbenzene
Concen: 5.441 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

Instrument :
MSVOA_X
ClientSampleId :
MW-24

Tgt Ion: 91 Resp: 22066

Ion	Ratio	Lower	Upper
91	100		
92	43.8	26.3	78.8
134	65.3	13.0	38.9#



#95
Naphthalene
Concen: 1.446 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025438.D
Acq: 02 Dec 2021 19:04

Tgt Ion: 128 Resp: 9242

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.3	15.5
129	22.2	8.8	13.2#

