

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025453.D
 Acq On : 03 Dec 2021 01:43
 Operator : JC/MD
 Sample : M4917-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33

Quant Time: Dec 03 06:14:26 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)

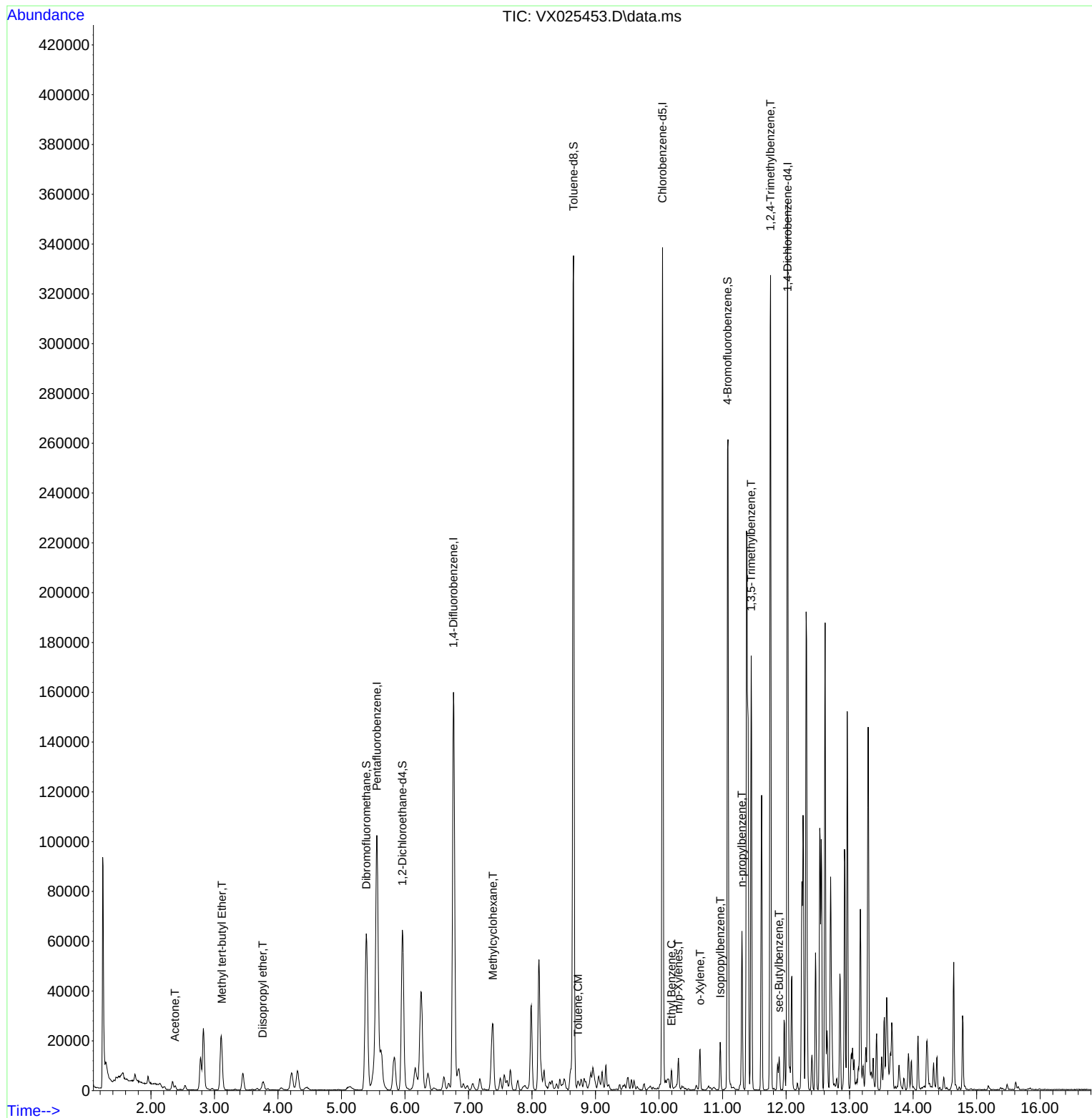
Internal Standards						
1) Pentafluorobenzene	5.556	168	102873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173765	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60391	55.69	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.38%
35) Dibromofluoromethane	5.391	113	53327	50.02	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.04%
50) Toluene-d8	8.653	98	201662	50.31	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.62%
62) 4-Bromofluorobenzene	11.079	95	72231	47.63	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.26%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1848	3.07	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	6337	1.91	ug/l #	1
22) Diisopropyl ether	3.757	45	3651	1.11	ug/l #	81
39) Methylcyclohexane	7.385	83	11938	6.14	ug/l	94
52) Toluene	8.726	92	1191	0.40	ug/l	97
67) Ethyl Benzene	10.195	91	4302	0.78	ug/l	89
68) m/p-Xylenes	10.305	106	2827	1.26	ug/l	95
69) o-Xylene	10.646	106	3768	1.71	ug/l	93
73) Isopropylbenzene	10.963	105	9683	1.84	ug/l	96
78) n-propylbenzene	11.305	91	38010	6.43	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	74504	16.82	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	145262	33.19	ug/l	96
85) sec-Butylbenzene	11.890	105	7231	1.32	ug/l	90

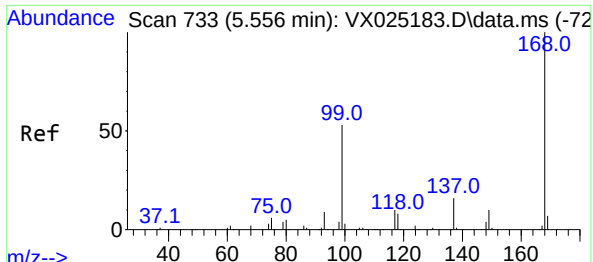
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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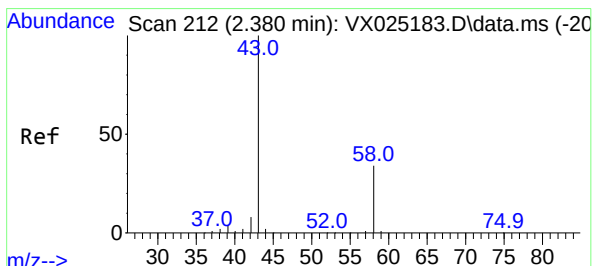
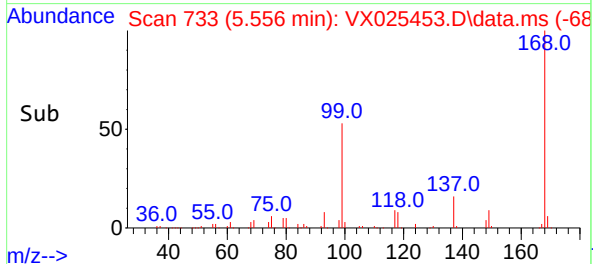
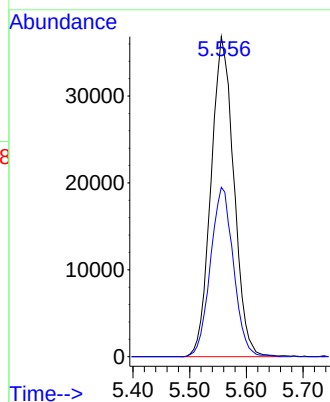
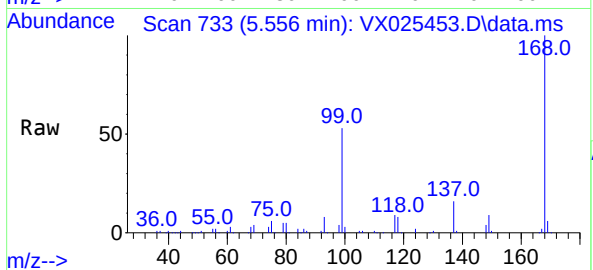




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

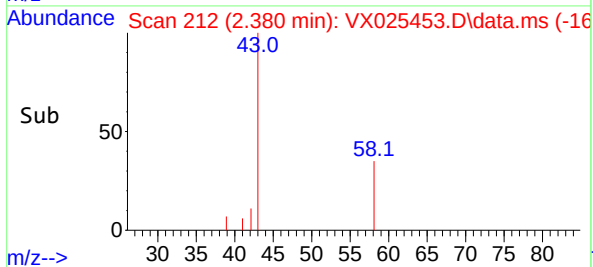
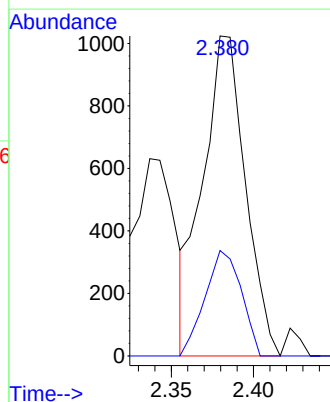
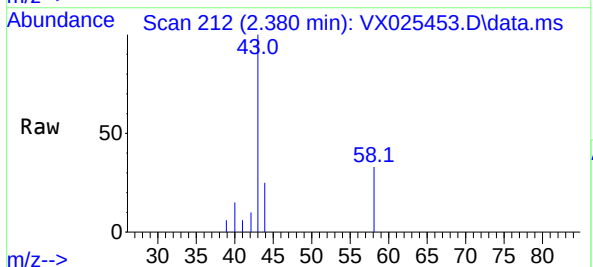
Instrument :
MSVOA_X
ClientSampleId :
MW-33

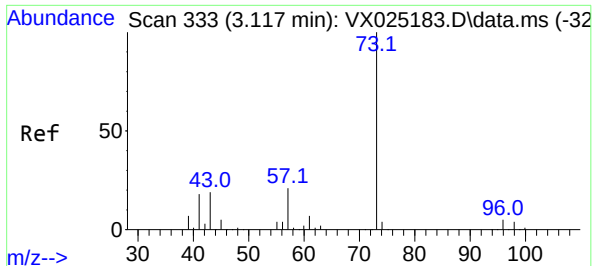
Tgt Ion:168 Resp: 102873
Ion Ratio Lower Upper
168 100
99 53.0 46.4 69.6



#16
Acetone
Concen: 3.07 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

Tgt Ion: 43 Resp: 1848
Ion Ratio Lower Upper
43 100
58 32.9 24.0 36.0





#19

Methyl tert-butyl Ether

Concen: 1.91 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX025453.D

Acq: 03 Dec 2021 01:43

Instrument :

MSVOA_X

ClientSampleId :

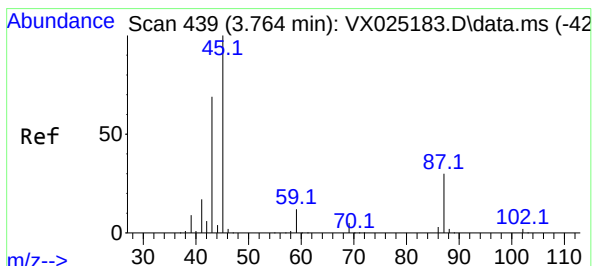
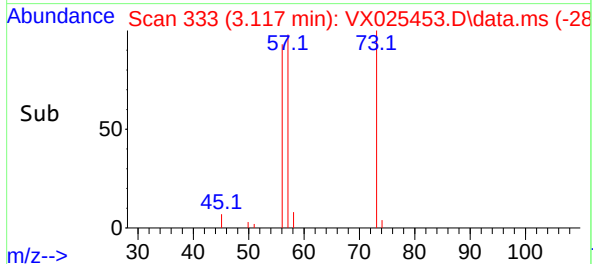
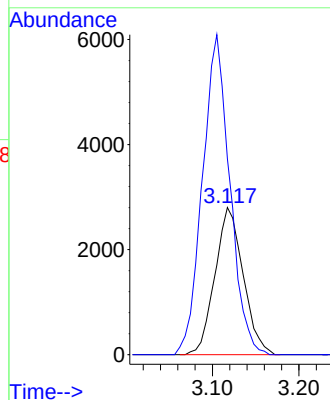
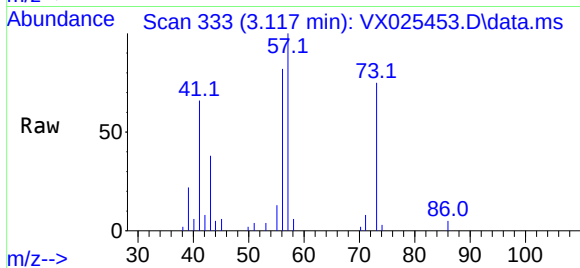
MW-33

Tgt Ion: 73 Resp: 6337

Ion Ratio Lower Upper

73 100

57 133.2 17.5 26.3#



#22

Diisopropyl ether

Concen: 1.11 ug/l

RT: 3.757 min Scan# 438

Delta R.T. -0.007 min

Lab File: VX025453.D

Acq: 03 Dec 2021 01:43

Tgt Ion: 45 Resp: 3651

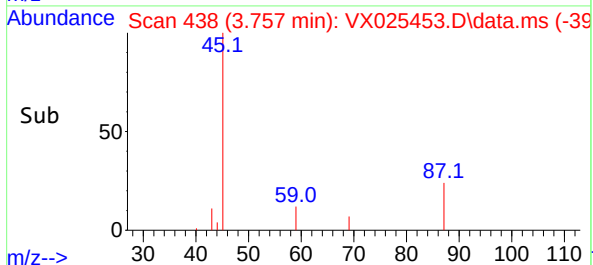
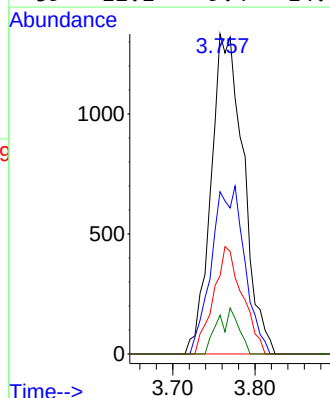
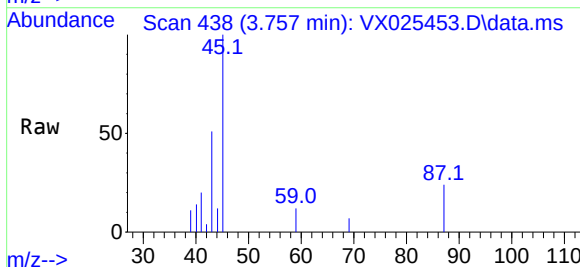
Ion Ratio Lower Upper

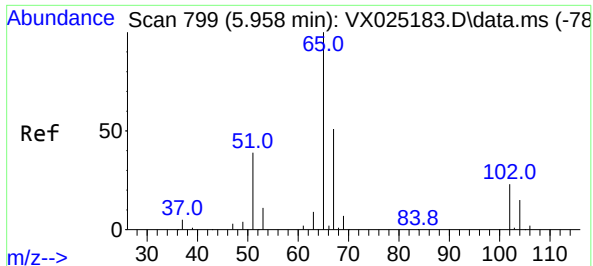
45 100

43 50.7 58.3 87.5#

87 24.4 23.7 35.5

59 12.1 9.4 14.0





#33

1,2-Dichloroethane-d4

Concen: 55.69 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025453.D

Acq: 03 Dec 2021 01:43

Instrument :

MSVOA_X

ClientSampleId :

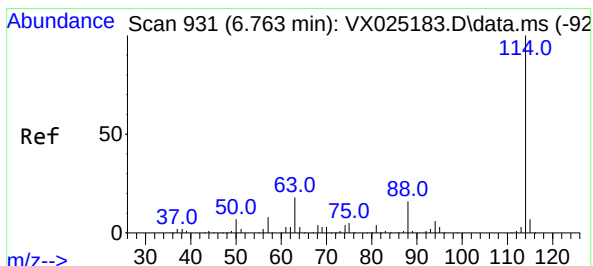
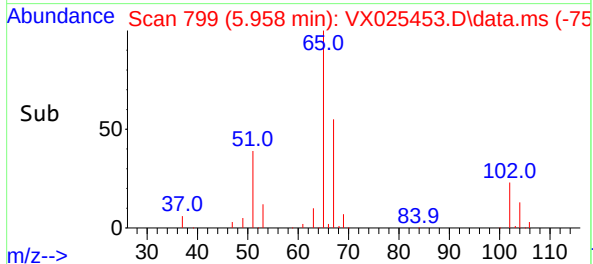
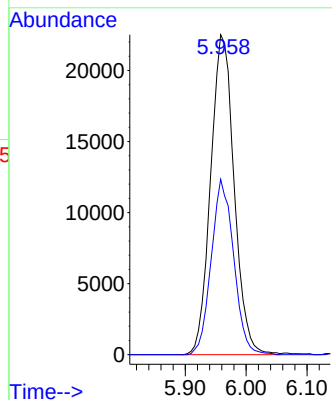
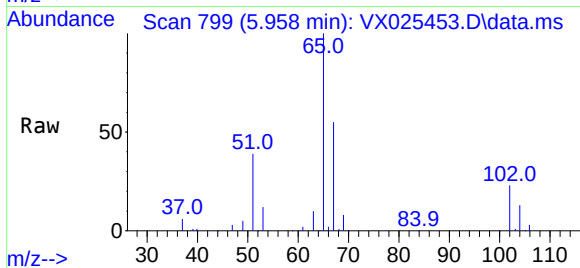
MW-33

Tgt Ion: 65 Resp: 60391

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025453.D

Acq: 03 Dec 2021 01:43

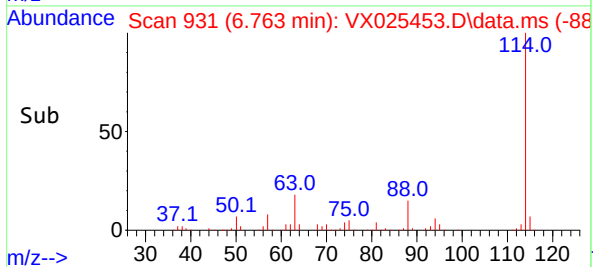
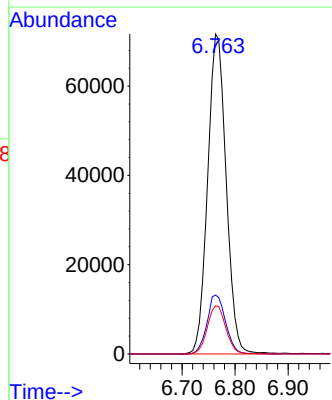
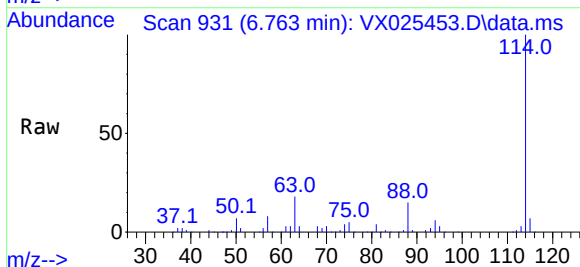
Tgt Ion: 114 Resp: 173765

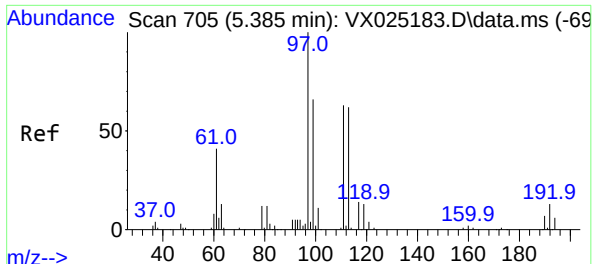
Ion Ratio Lower Upper

114 100

63 18.4 0.0 41.0

88 15.1 0.0 34.8

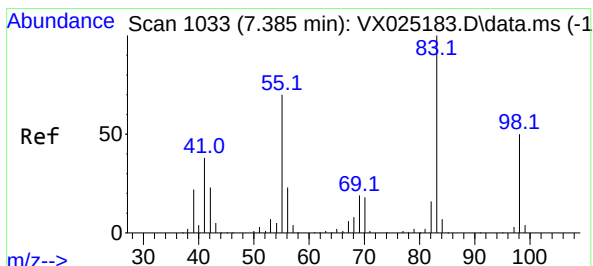
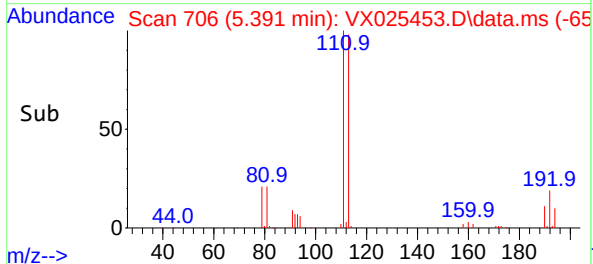
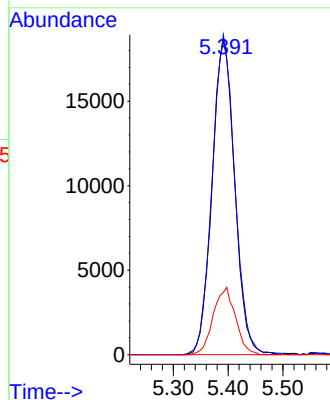
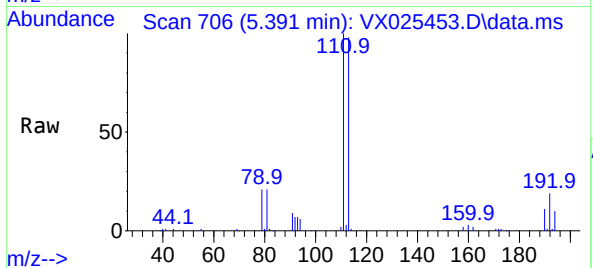




#35
Dibromofluoromethane
Concen: 50.02 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

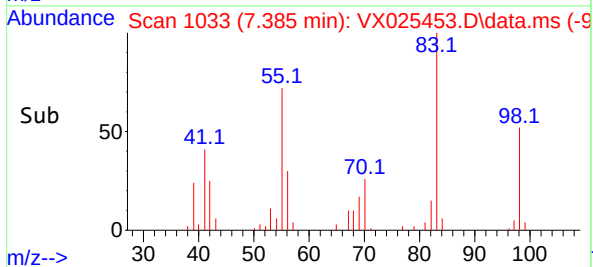
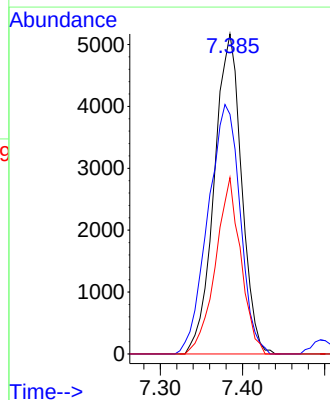
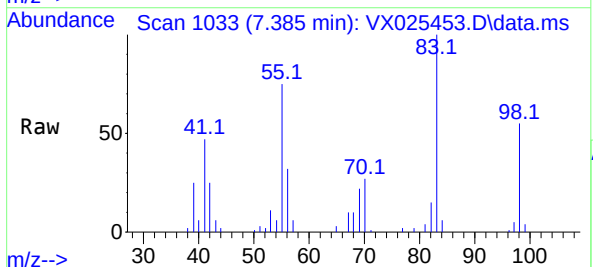
Instrument :
MSVOA_X
ClientSampleId :
MW-33

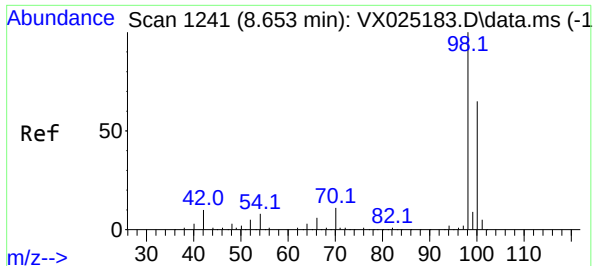
Tgt Ion:113 Resp: 53327
Ion Ratio Lower Upper
113 100
111 102.1 82.1 123.1
192 21.0 15.6 23.4



#39
Methylcyclohexane
Concen: 6.14 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

Tgt Ion: 83 Resp: 11938
Ion Ratio Lower Upper
83 100
55 74.9 60.8 91.2
98 55.1 37.0 55.4

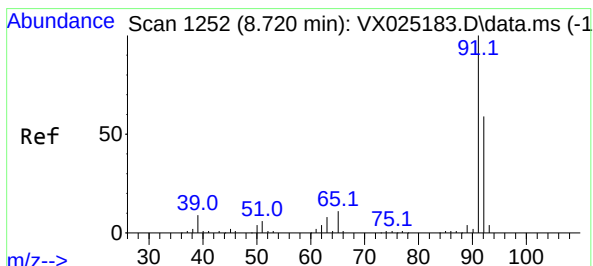
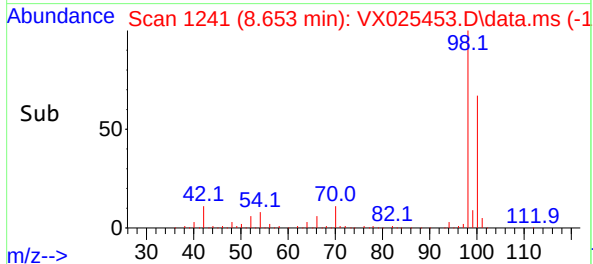
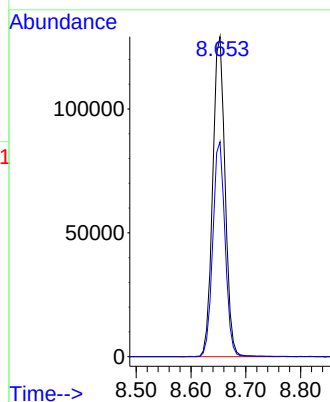
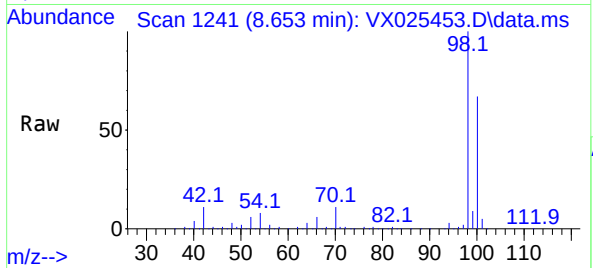




#50
Toluene-d8
Concen: 50.31 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

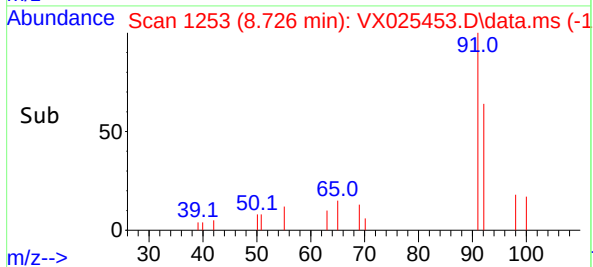
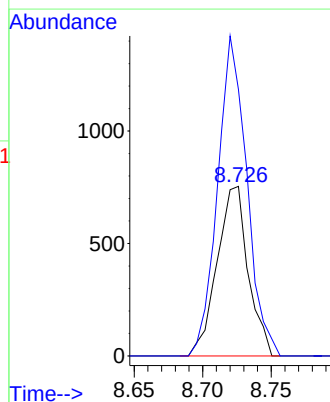
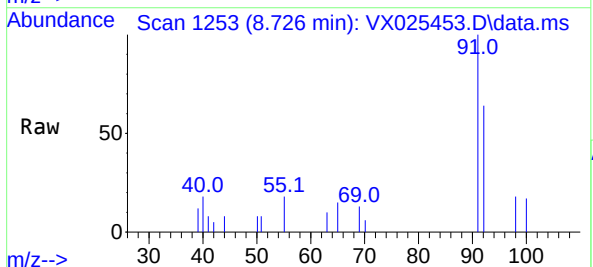
Instrument :
MSVOA_X
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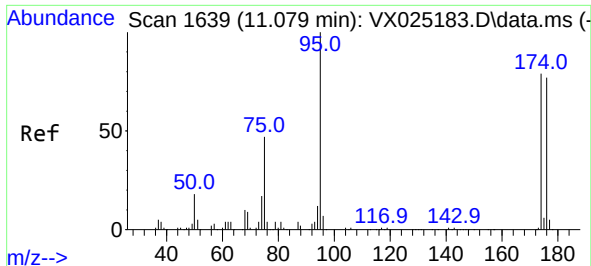
Tgt Ion: 98 Resp: 201662
Ion Ratio Lower Upper
98 100
100 66.4 51.4 77.0



#52
Toluene
Concen: 0.40 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

Tgt Ion: 92 Resp: 1191
Ion Ratio Lower Upper
92 100
91 177.2 138.6 208.0

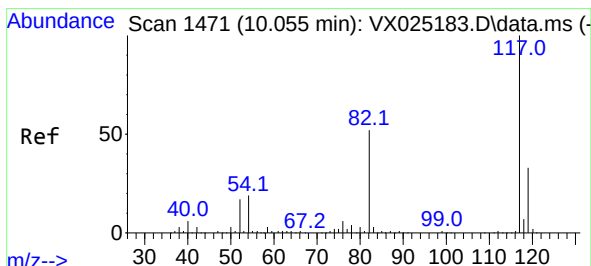
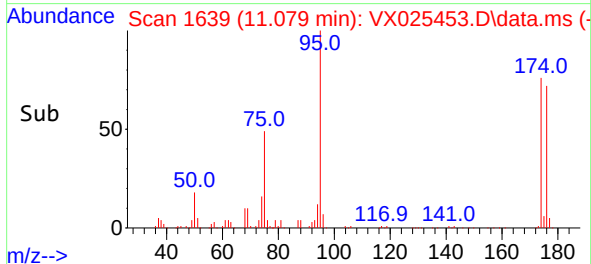
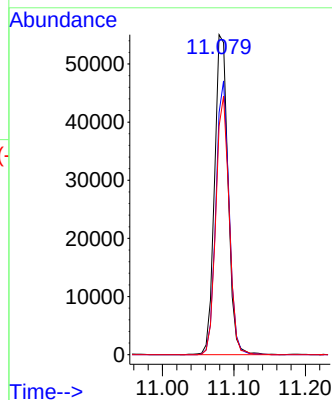
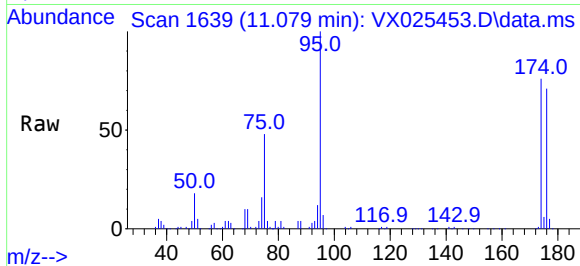




#62
4-Bromofluorobenzene
Concen: 47.63 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

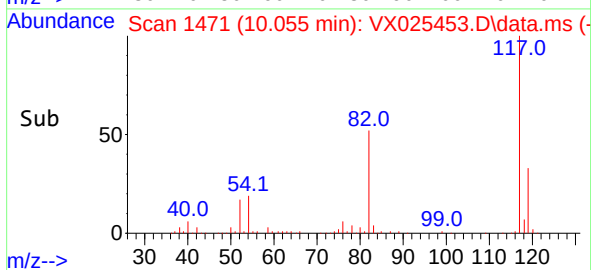
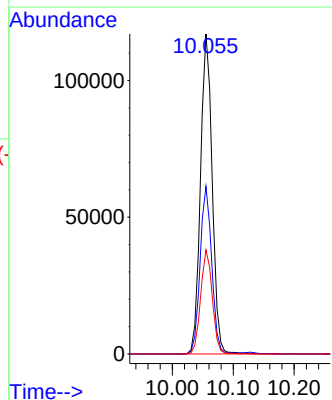
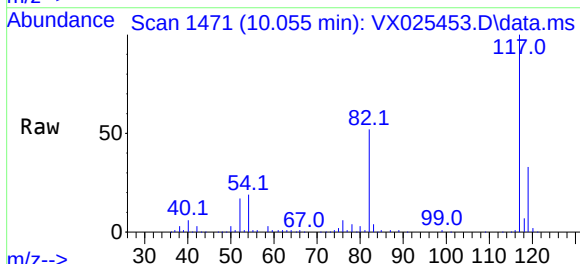
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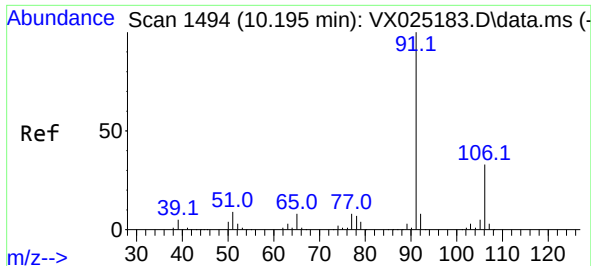
Tgt Ion: 95 Resp: 72231
Ion Ratio Lower Upper
95 100
174 83.0 0.0 158.0
176 79.2 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

Tgt Ion: 117 Resp: 156410
Ion Ratio Lower Upper
117 100
82 52.4 44.6 67.0
119 32.5 24.8 37.2





#67

Ethyl Benzene

Concen: 0.78 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025453.D

Acq: 03 Dec 2021 01:43

Instrument :

MSVOA_X

ClientSampleId :

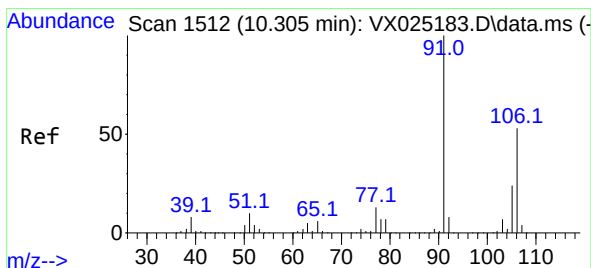
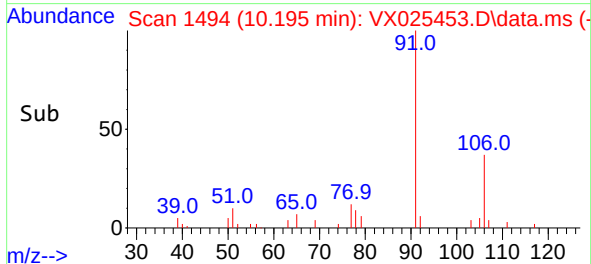
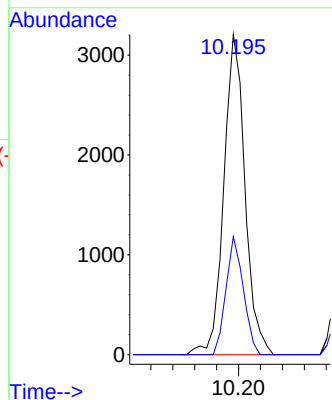
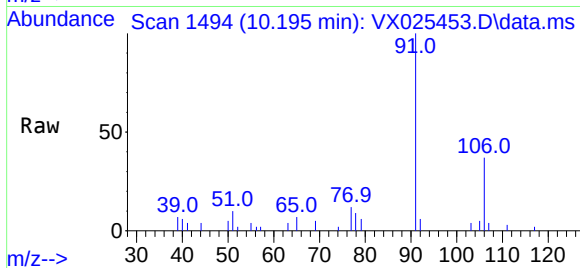
MW-33

Tgt Ion: 91 Resp: 4302

Ion Ratio Lower Upper

91 100

106 36.9 24.7 37.1



#68

m/p-Xylenes

Concen: 1.26 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX025453.D

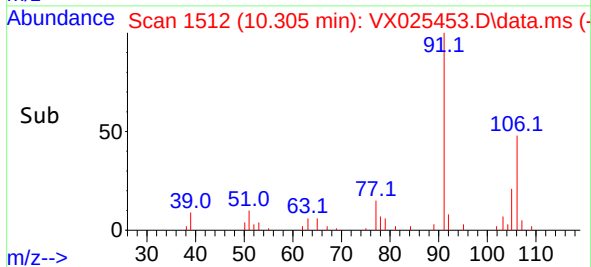
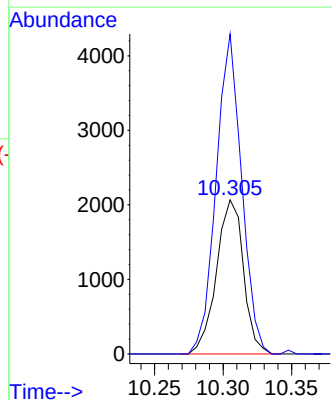
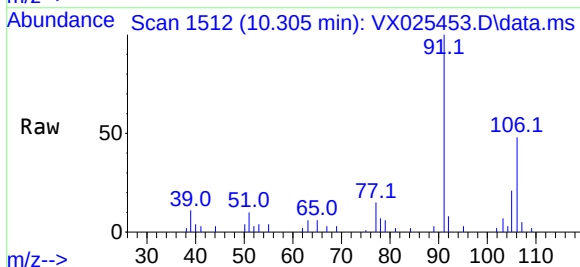
Acq: 03 Dec 2021 01:43

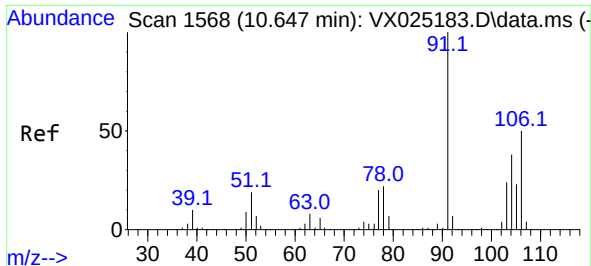
Tgt Ion: 106 Resp: 2827

Ion Ratio Lower Upper

106 100

91 196.4 163.4 245.0

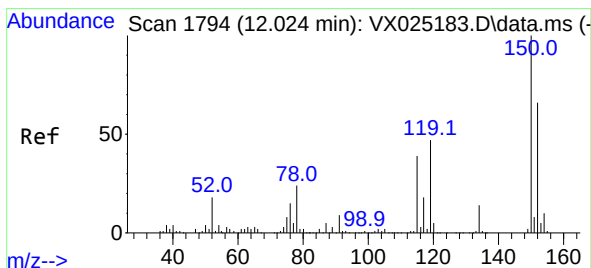
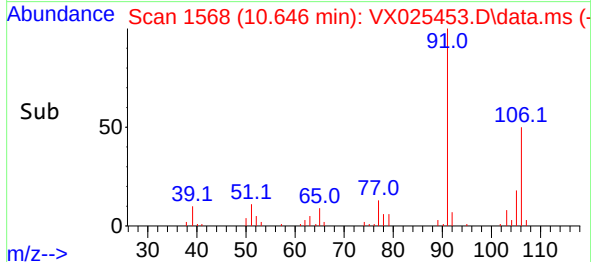
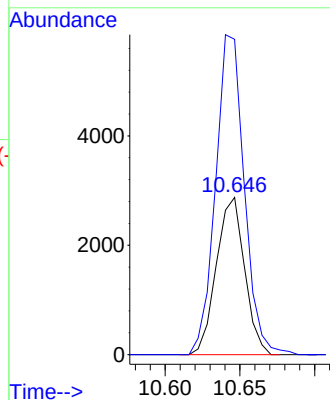
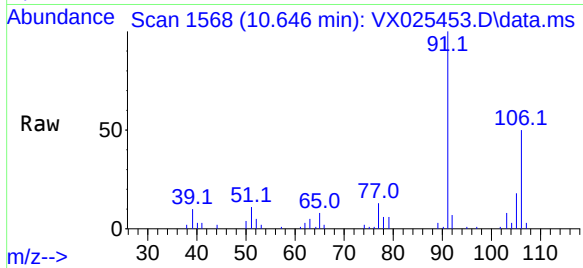




#69
o-Xylene
Concen: 1.71 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

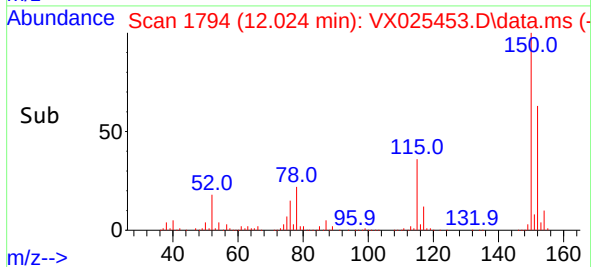
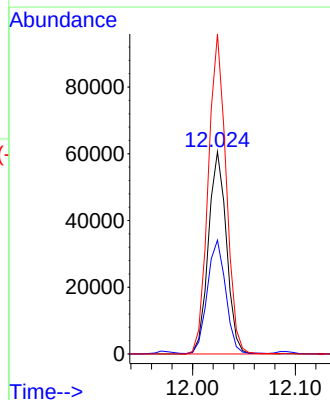
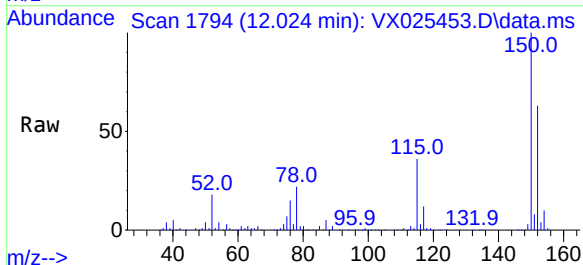
Instrument :
MSVOA_X
ClientSampleId :
MW-33

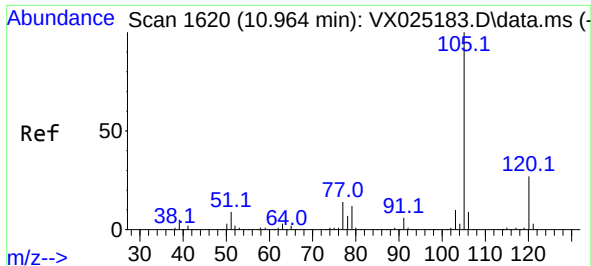
Tgt Ion:106 Resp: 3768
Ion Ratio Lower Upper
106 100
91 207.4 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

Tgt Ion:152 Resp: 73919
Ion Ratio Lower Upper
152 100
115 57.2 43.3 129.8
150 156.4 0.0 351.2

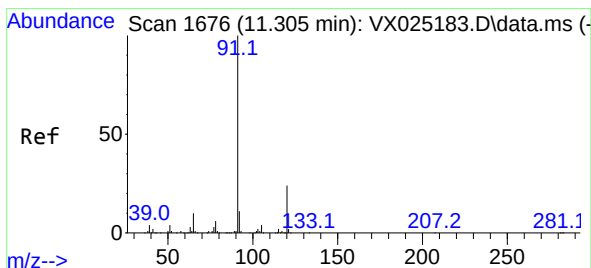
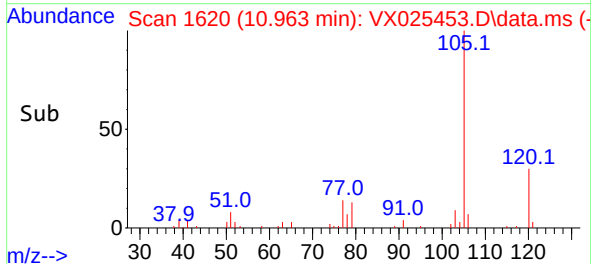
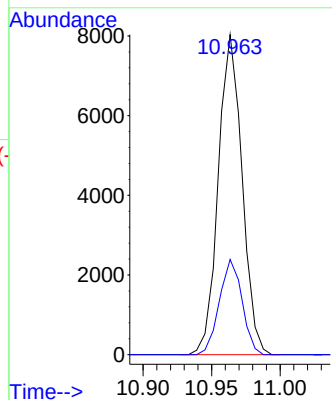
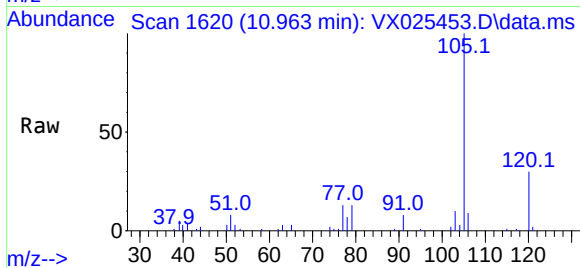




#73
Isopropylbenzene
Concen: 1.84 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

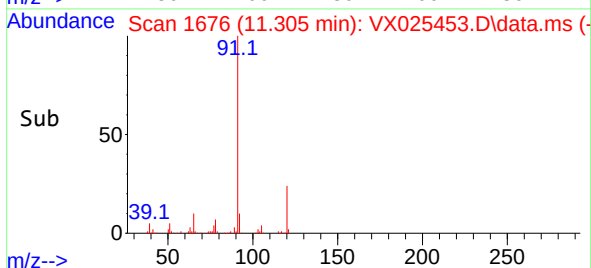
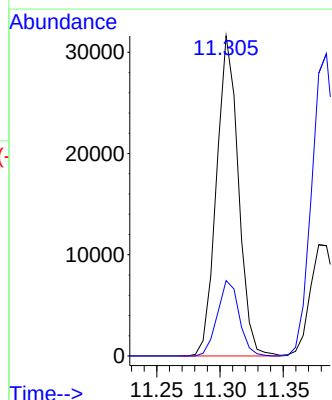
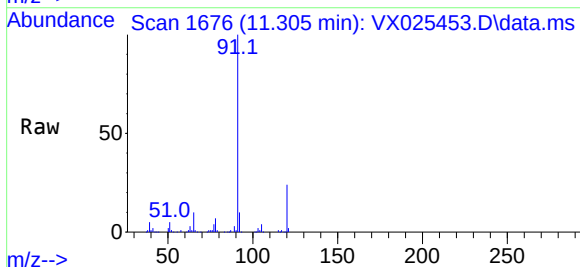
Instrument :
MSVOA_X
ClientSampleId :
MW-33

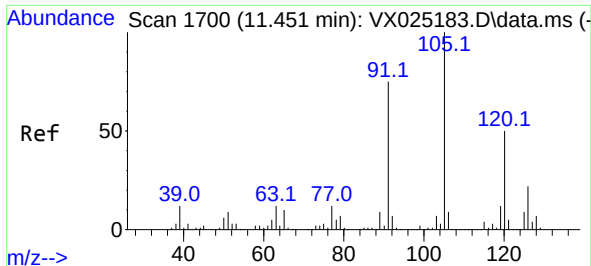
Tgt Ion:105 Resp: 9683
Ion Ratio Lower Upper
105 100
120 28.4 13.3 39.8



#78
n-propylbenzene
Concen: 6.43 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

Tgt Ion: 91 Resp: 38010
Ion Ratio Lower Upper
91 100
120 23.5 11.7 35.0

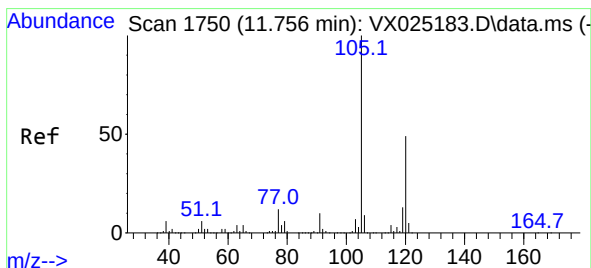
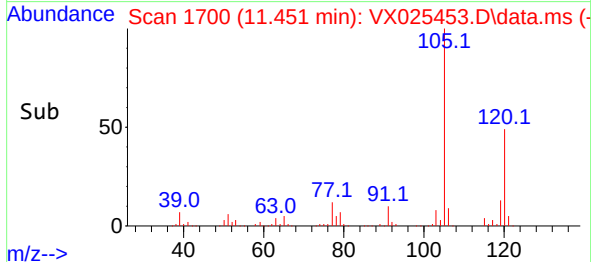
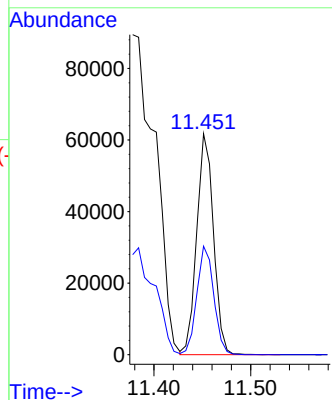
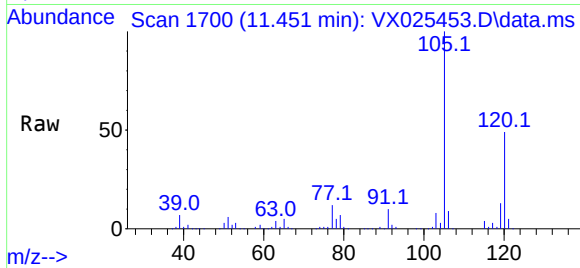




#80
1,3,5-Trimethylbenzene
Concen: 16.82 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

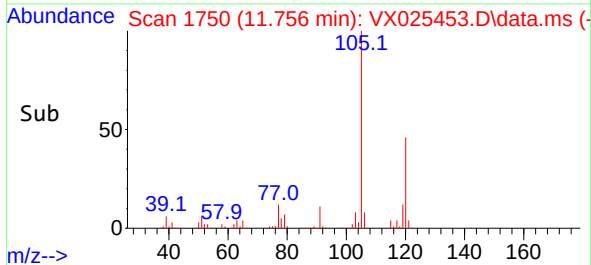
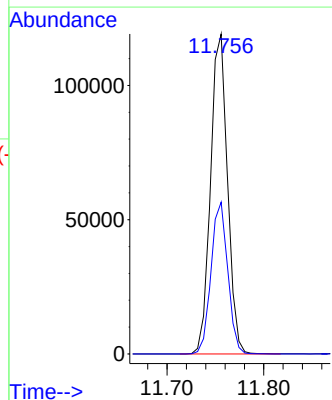
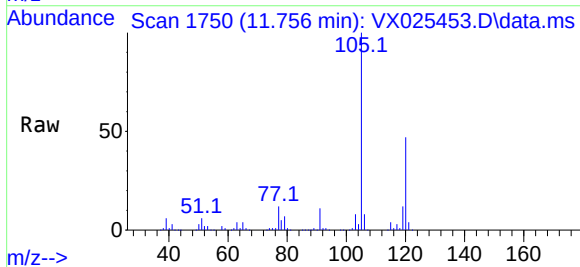
Instrument :
MSVOA_X
ClientSampleId :
MW-33

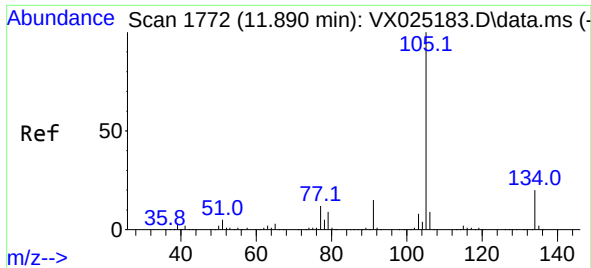
Tgt Ion:105 Resp: 74504
Ion Ratio Lower Upper
105 100
120 49.6 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 33.19 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025453.D
Acq: 03 Dec 2021 01:43

Tgt Ion:105 Resp: 145262
Ion Ratio Lower Upper
105 100
120 46.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 1.32 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025453.D

Acq: 03 Dec 2021 01:43

Instrument :

MSVOA_X

ClientSampleId :

MW-33

Tgt Ion:105 Resp: 7231

Ion Ratio Lower Upper

105 100

134 15.7 10.2 30.4

