

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028854.D
 Acq On : 20 May 2022 16:33
 Operator : JC/MD
 Sample : N2943-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33

Quant Time: May 20 23:30:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

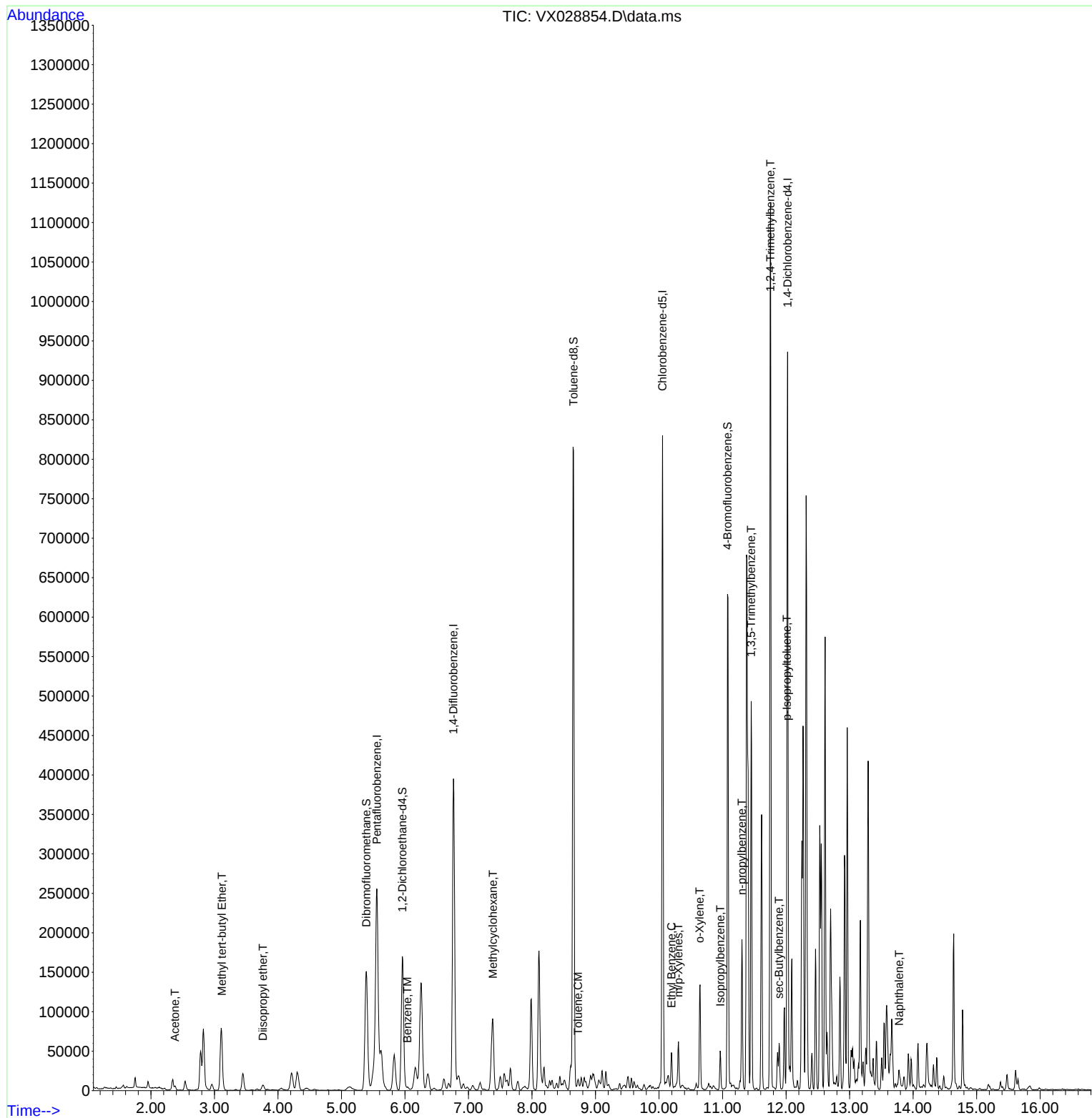
Internal Standards						
1) Pentafluorobenzene	5.556	168	231951	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	404468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156360	49.177	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.360%
35) Dibromofluoromethane	5.391	113	129315	48.798	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.600%
50) Toluene-d8	8.653	98	486277	48.671	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.340%
62) 4-Bromofluorobenzene	11.079	95	165934	44.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.940%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	5435	3.983	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	28580	3.355	ug/l #	1
22) Diisopropyl ether	3.764	45	6962	0.846	ug/l #	87
39) Methylcyclohexane	7.385	83	37553	8.227	ug/l	89
40) Benzene	6.038	78	3797	0.332	ug/l	92
52) Toluene	8.726	92	4695	0.638	ug/l	99
67) Ethyl Benzene	10.195	91	25941	1.901	ug/l	98
68) m/p-Xylenes	10.305	106	12427	2.339	ug/l	93
69) o-Xylene	10.640	106	29347	5.611	ug/l	98
73) Isopropylbenzene	10.963	105	23103	1.698	ug/l	100
78) n-propylbenzene	11.305	91	111559	7.090	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	209068	18.445	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	488715	42.997	ug/l	99
85) sec-Butylbenzene	11.890	105	28305	2.091	ug/l	92
86) p-Isopropyltoluene	12.012	119	16315	1.436	ug/l	91
95) Naphthalene	13.780	128	16312	1.280	ug/l #	95

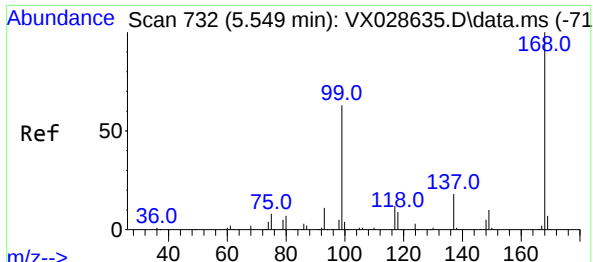
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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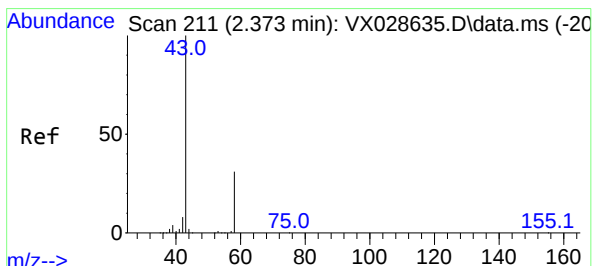
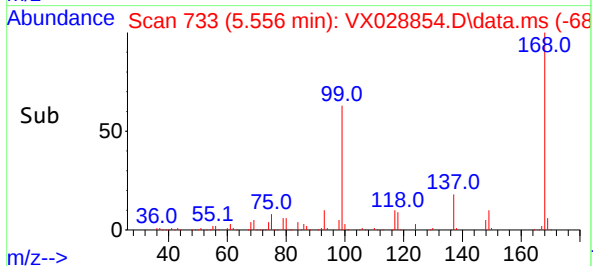
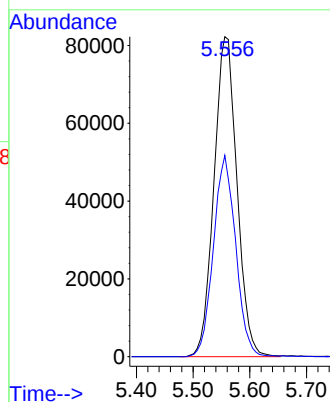
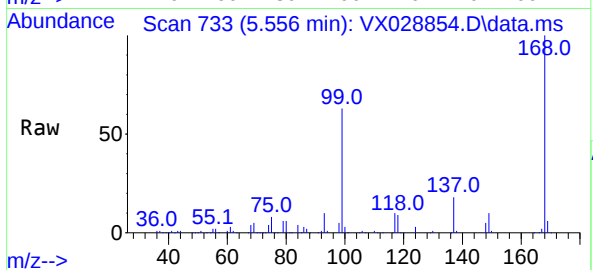




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

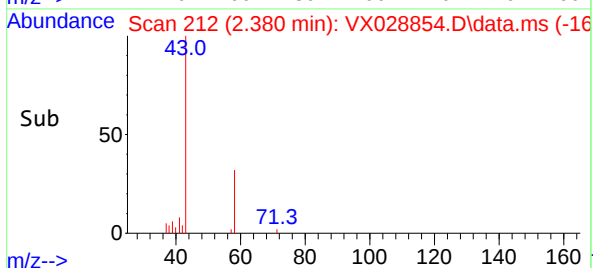
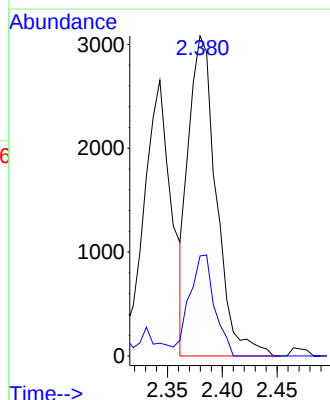
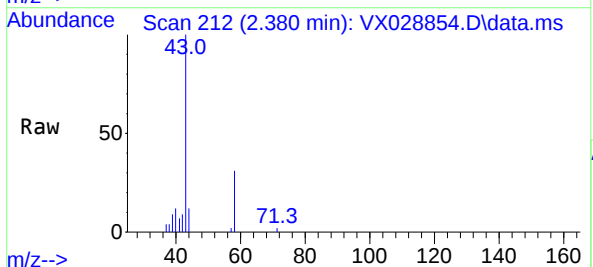
Instrument :
MSVOA_X
ClientSampleId :
MW-33

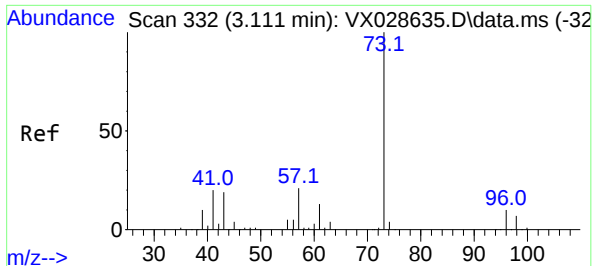
Tgt Ion:168 Resp: 231951
Ion Ratio Lower Upper
168 100
99 62.9 41.7 62.5#



#16
Acetone
Concen: 3.983 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

Tgt Ion: 43 Resp: 5435
Ion Ratio Lower Upper
43 100
58 31.3 28.8 43.2





#19

Methyl tert-butyl Ether

Concen: 3.355 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX028854.D

Acq: 20 May 2022 16:33

Instrument :

MSVOA_X

ClientSampleId :

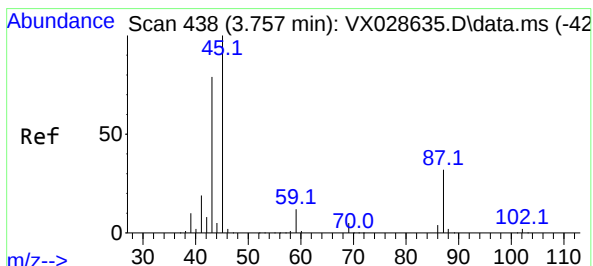
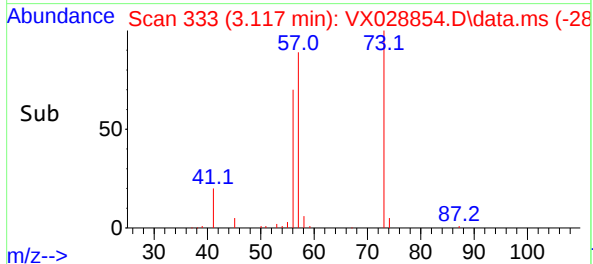
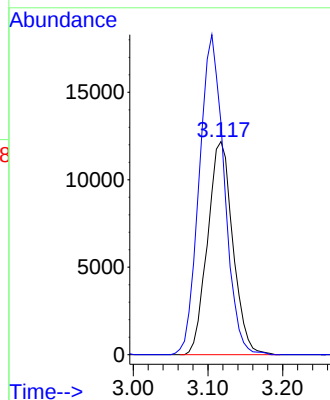
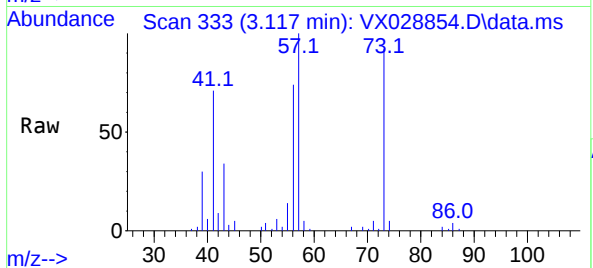
MW-33

Tgt Ion: 73 Resp: 28580

Ion Ratio Lower Upper

73 100

57 108.7 16.8 25.2#



#22

Diisopropyl ether

Concen: 0.846 ug/l

RT: 3.764 min Scan# 439

Delta R.T. 0.007 min

Lab File: VX028854.D

Acq: 20 May 2022 16:33

Tgt Ion: 45 Resp: 6962

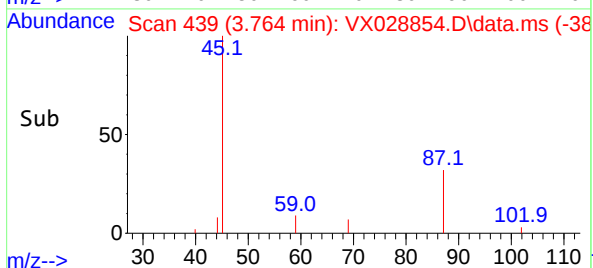
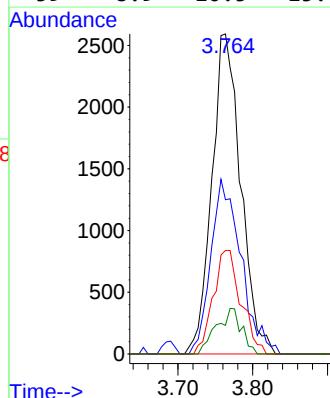
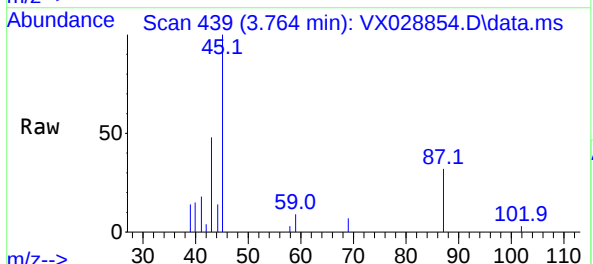
Ion Ratio Lower Upper

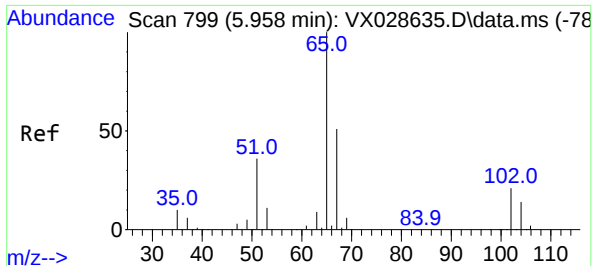
45 100

43 48.2 50.8 76.2#

87 32.4 26.6 39.8

59 8.9 10.5 15.7#

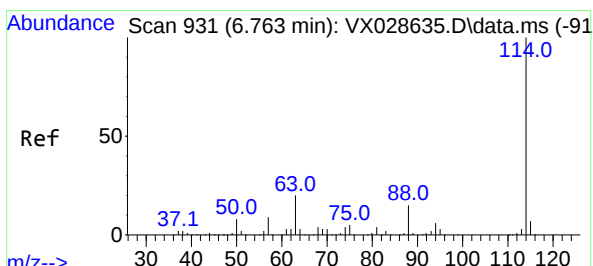
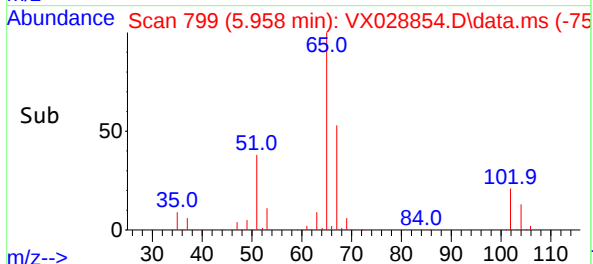
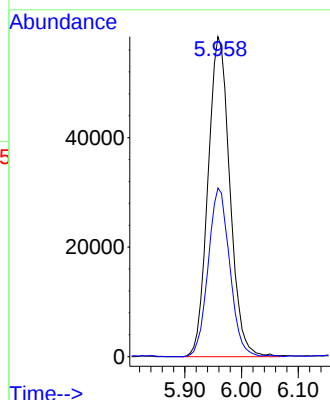
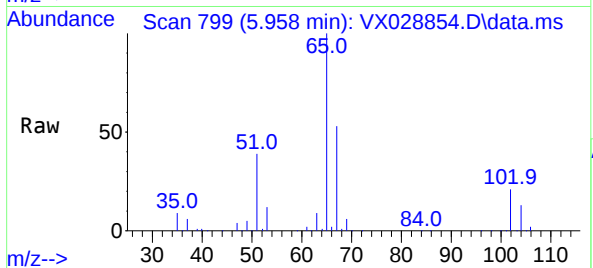




#33
1,2-Dichloroethane-d4
Concen: 49.177 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

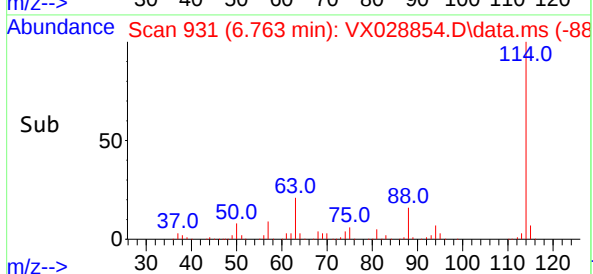
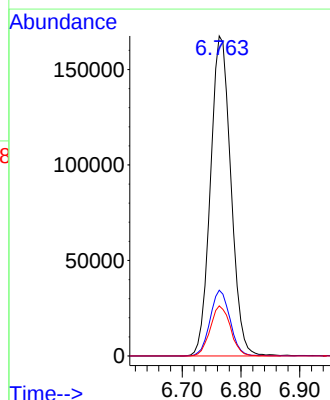
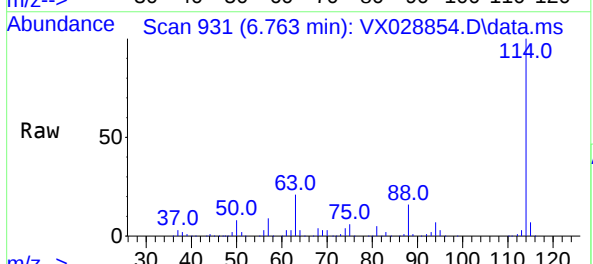
Instrument :
MSVOA_X
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MW-33

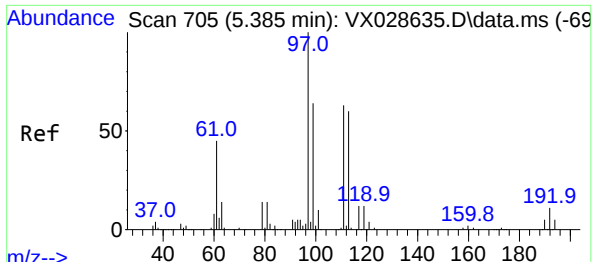
Tgt Ion: 65 Resp: 156360
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

Tgt Ion: 114 Resp: 404468
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.8
88 15.6 0.0 32.4

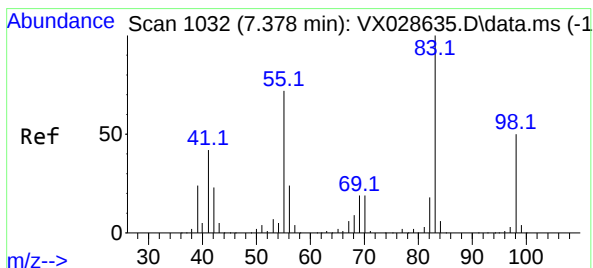
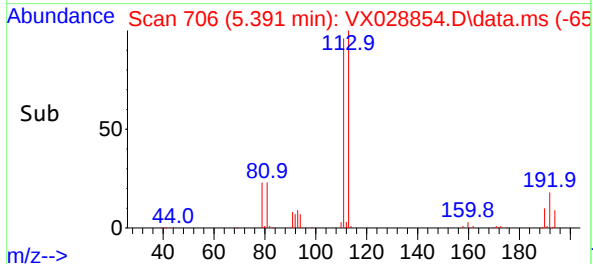
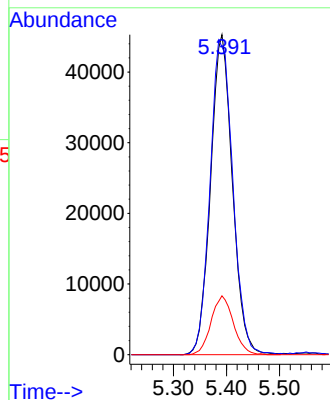
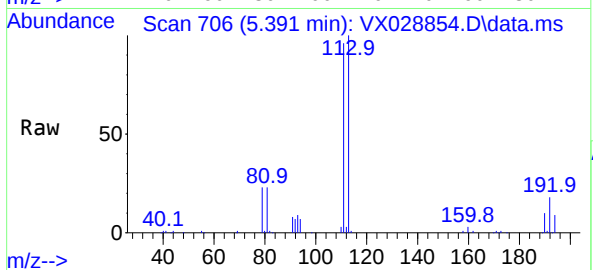




#35
Dibromofluoromethane
Concen: 48.798 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

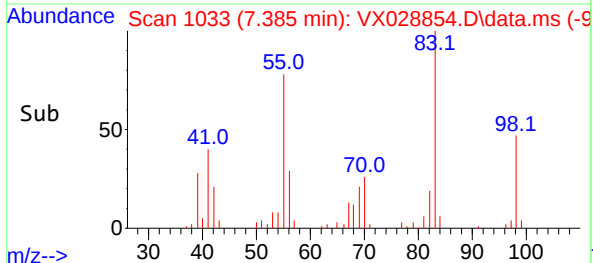
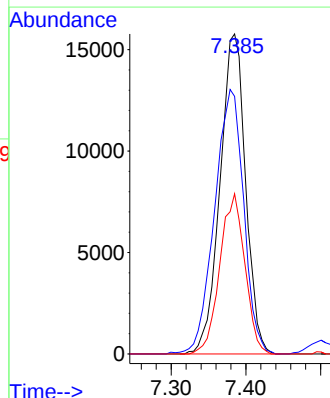
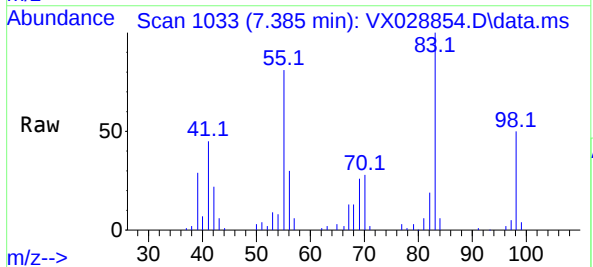
Instrument :
MSVOA_X
ClientSampleId :
MW-33

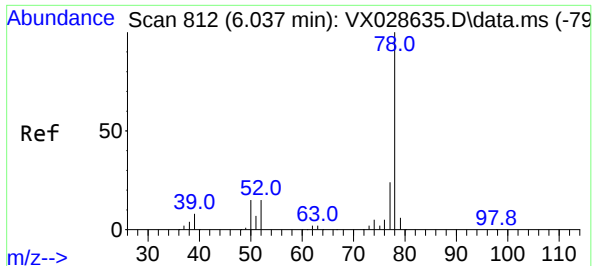
Tgt Ion:113 Resp: 129315
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.8 16.9 25.3



#39
Methylcyclohexane
Concen: 8.227 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

Tgt Ion: 83 Resp: 37553
Ion Ratio Lower Upper
83 100
55 80.5 54.6 81.8
98 50.0 37.4 56.2

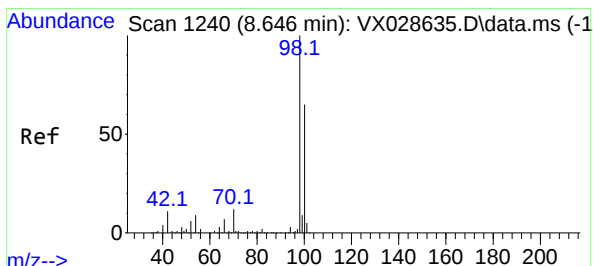
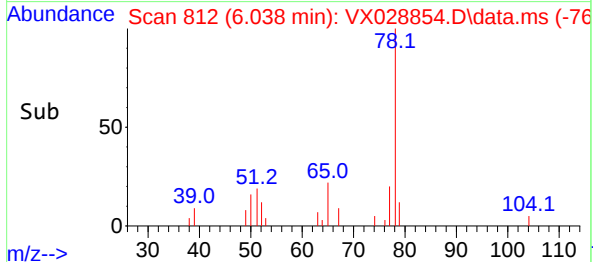
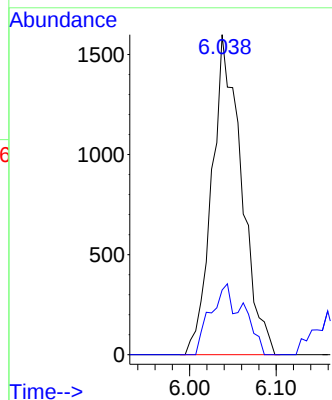
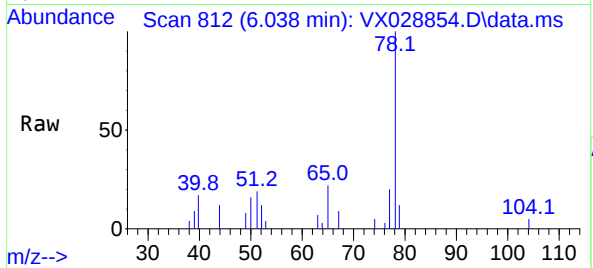




#40
Benzene
Concen: 0.332 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

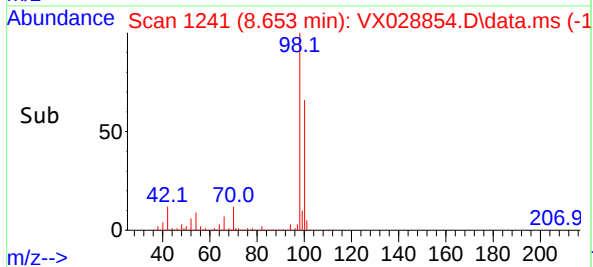
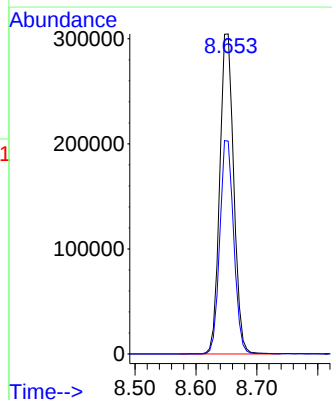
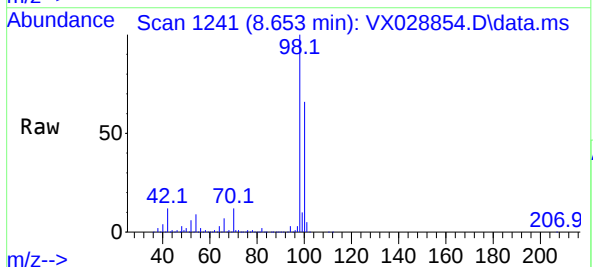
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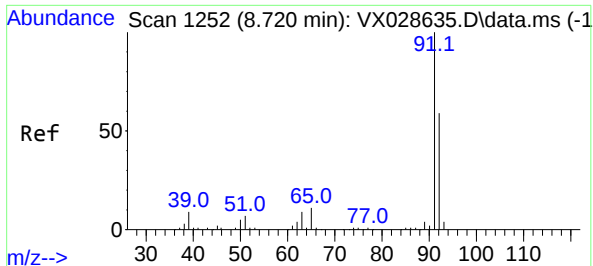
Tgt Ion: 78 Resp: 3797
Ion Ratio Lower Upper
78 100
77 20.2 19.3 28.9



#50
Toluene-d8
Concen: 48.671 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

Tgt Ion: 98 Resp: 486277
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

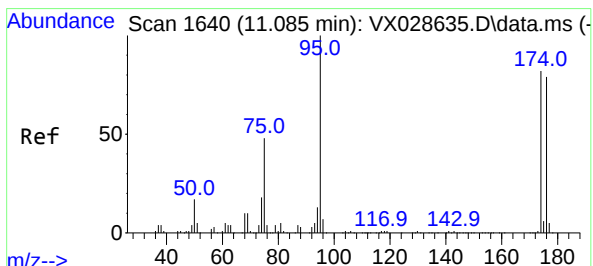
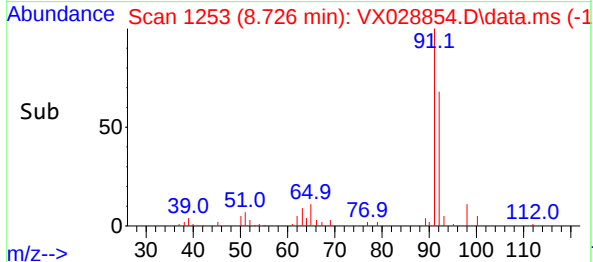
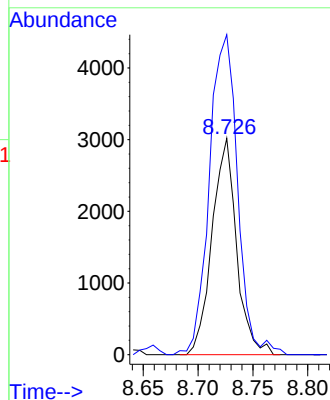
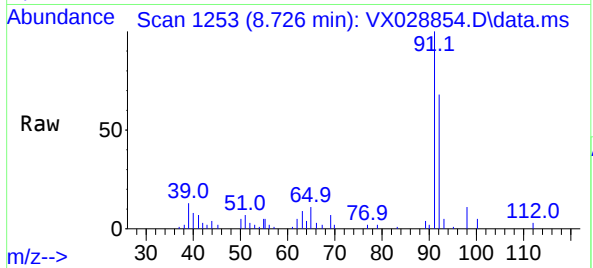




#52
Toluene
Concen: 0.638 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

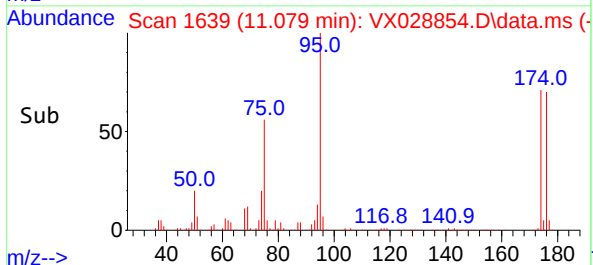
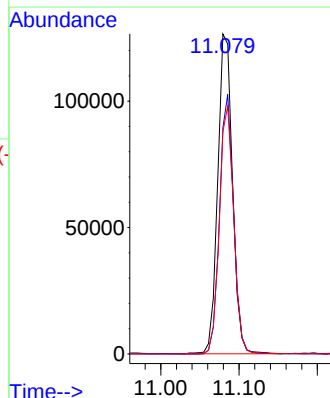
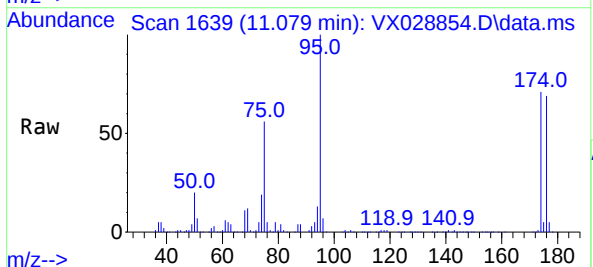
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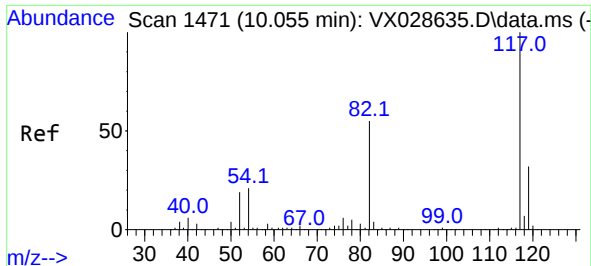
Tgt Ion: 92 Resp: 4695
Ion Ratio Lower Upper
92 100
91 170.2 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 44.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

Tgt Ion: 95 Resp: 165934
Ion Ratio Lower Upper
95 100
174 77.0 0.0 163.0
176 75.2 0.0 155.0

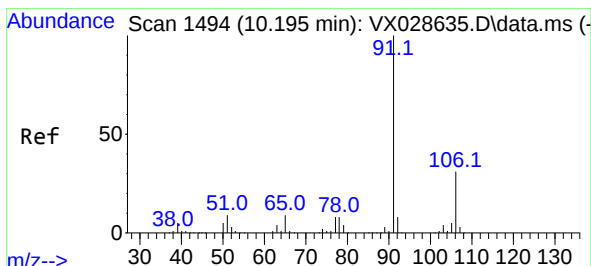
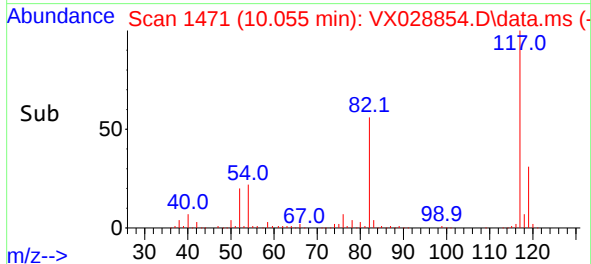
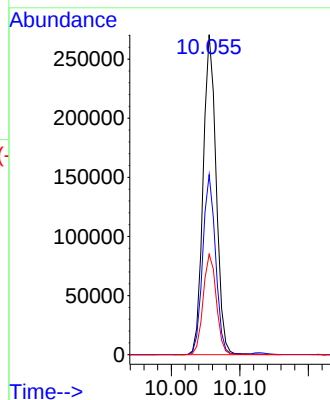
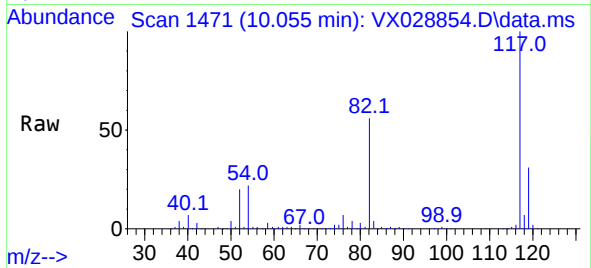




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

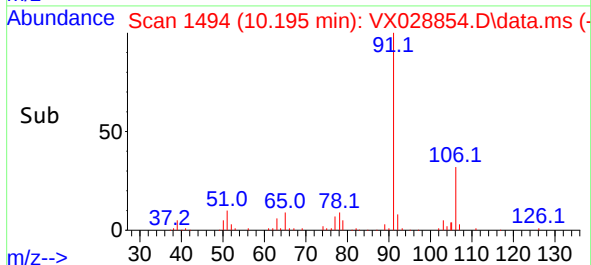
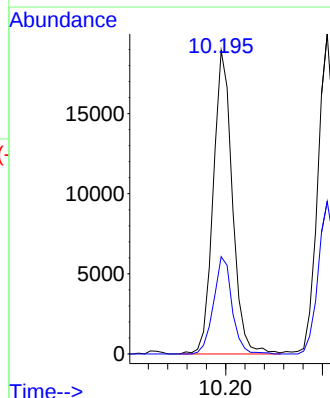
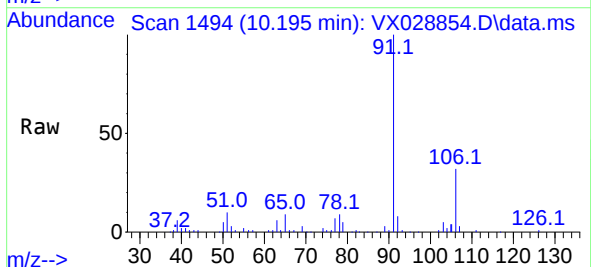
Instrument :
MSVOA_X
ClientSampleId :
MW-33

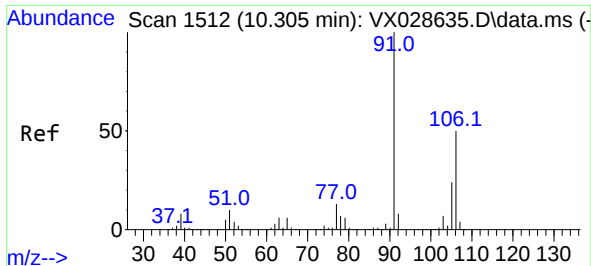
Tgt Ion:117 Resp: 358822
Ion Ratio Lower Upper
117 100
82 56.2 41.8 62.8
119 31.4 24.8 37.2



#67
Ethyl Benzene
Concen: 1.901 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

Tgt Ion: 91 Resp: 25941
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8

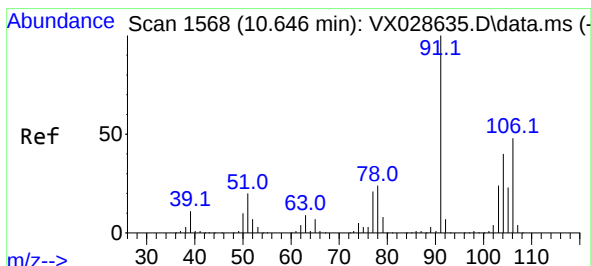
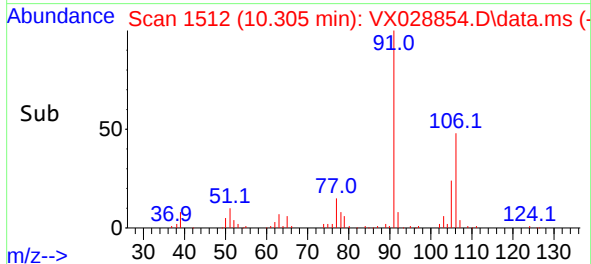
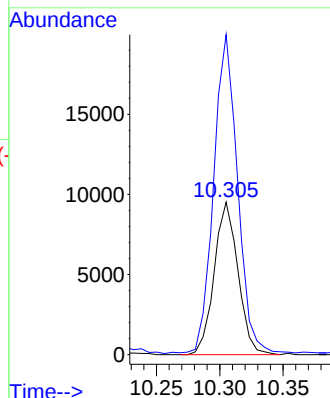
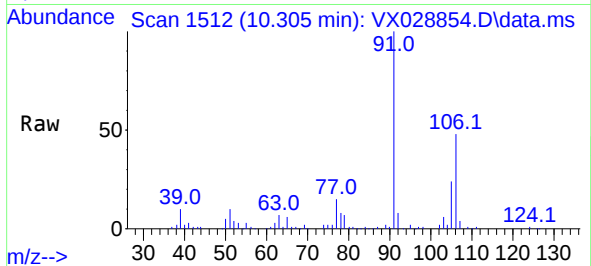




#68
m/p-Xylenes
Concen: 2.339 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

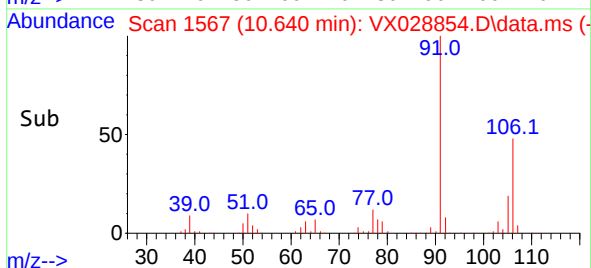
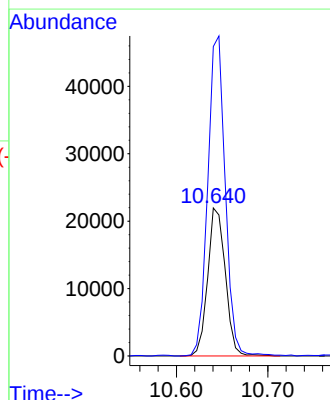
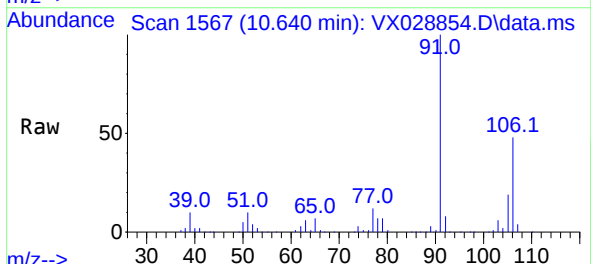
Instrument :
MSVOA_X
ClientSampleId :
MW-33

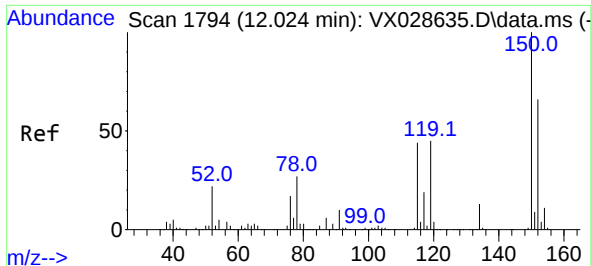
Tgt Ion:106 Resp: 12427
Ion Ratio Lower Upper
106 100
91 210.7 160.4 240.6



#69
o-Xylene
Concen: 5.611 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

Tgt Ion:106 Resp: 29347
Ion Ratio Lower Upper
106 100
91 214.7 106.1 318.1

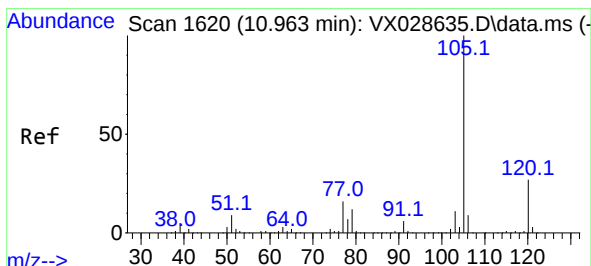
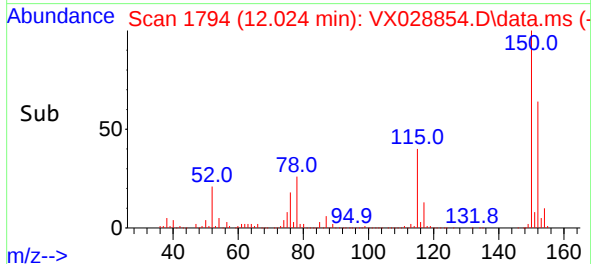
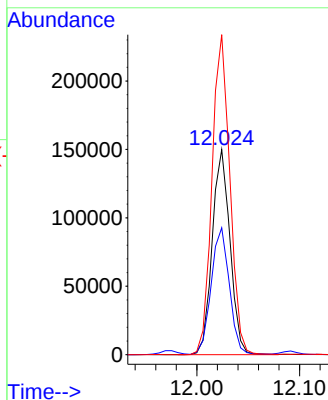
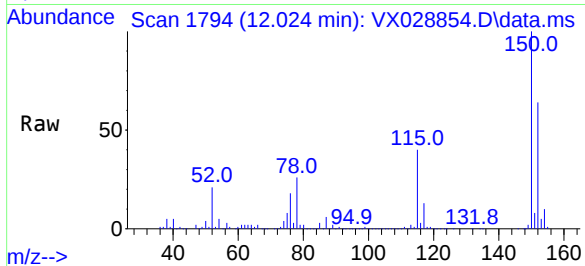




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

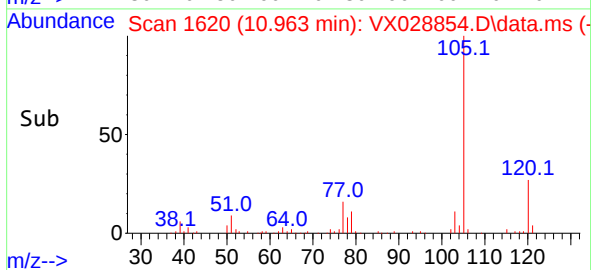
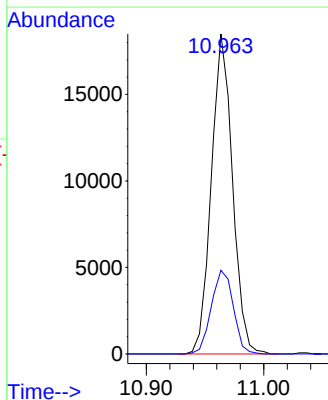
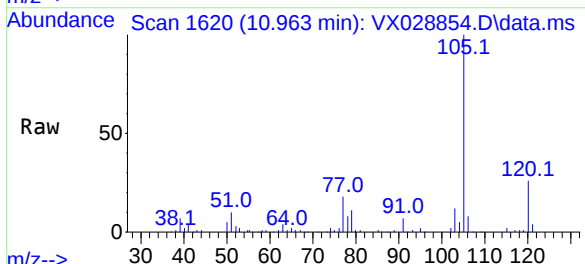
Instrument :
MSVOA_X
ClientSampleId :
MW-33

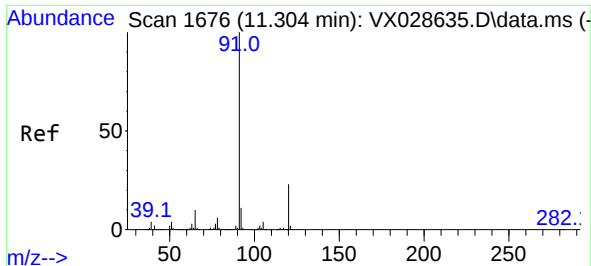
Tgt Ion:152 Resp: 179374
Ion Ratio Lower Upper
152 100
115 63.6 37.5 112.7
150 157.1 0.0 338.2



#73
Isopropylbenzene
Concen: 1.698 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

Tgt Ion:105 Resp: 23103
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5

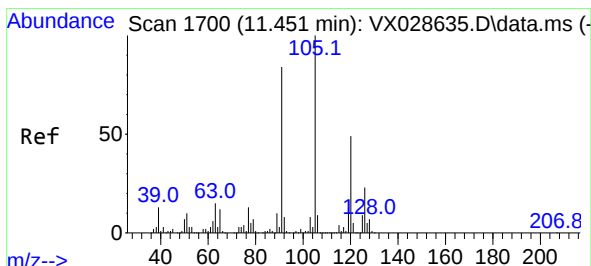
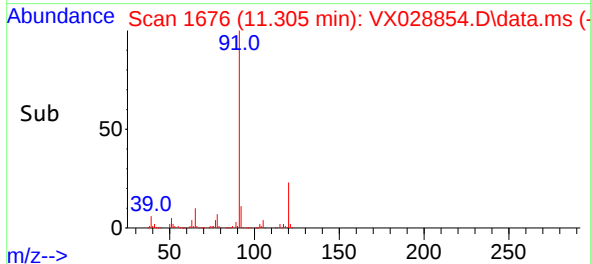
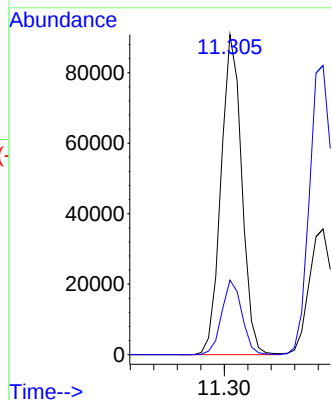
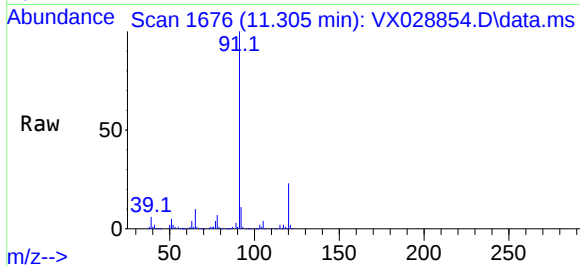




#78
n-propylbenzene
Concen: 7.090 ug/l
RT: 11.305 min Scan# 111559
Delta R.T. 0.001 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

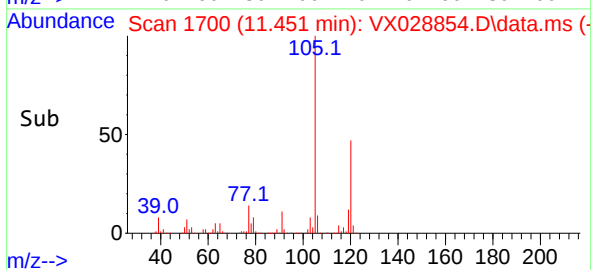
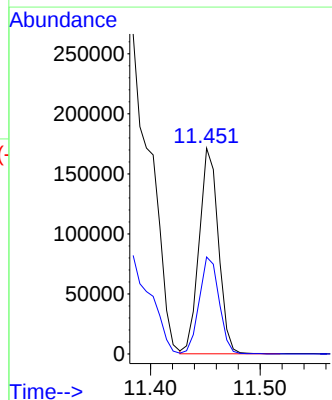
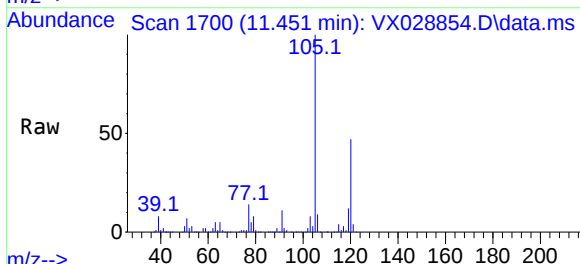
Instrument :
MSVOA_X
ClientSampleId :
MW-33

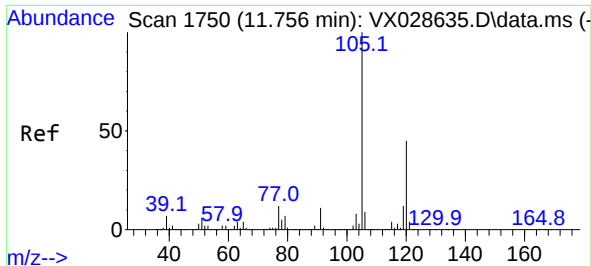
Tgt Ion: 91 Resp: 111559
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 18.445 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

Tgt Ion: 105 Resp: 209068
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9

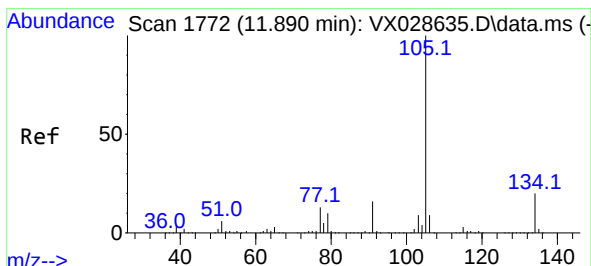
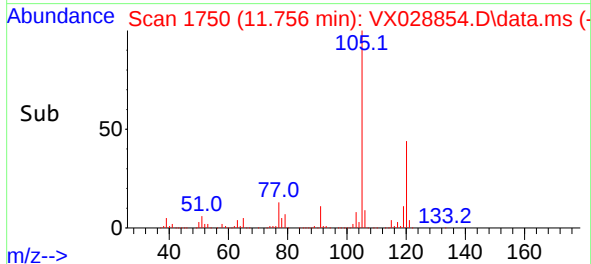
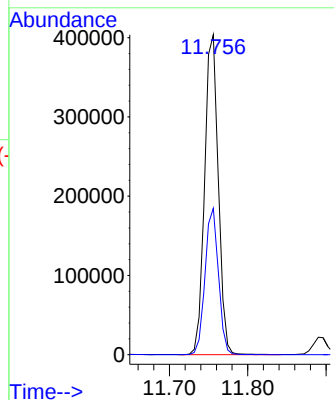
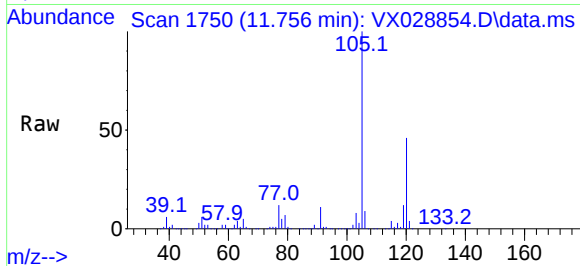




#84
1,2,4-Trimethylbenzene
Concen: 42.997 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

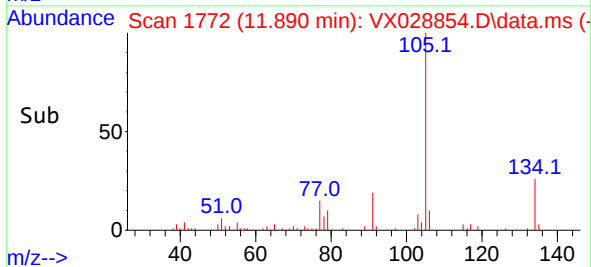
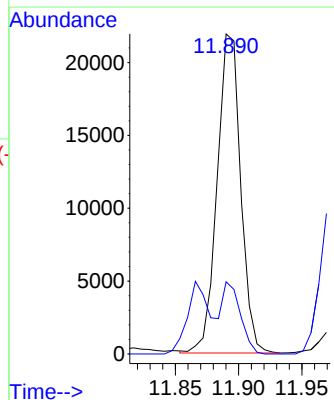
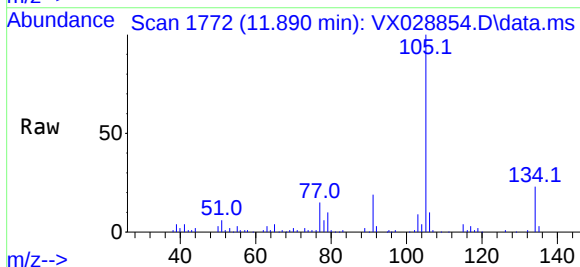
Instrument :
MSVOA_X
ClientSampleId :
MW-33

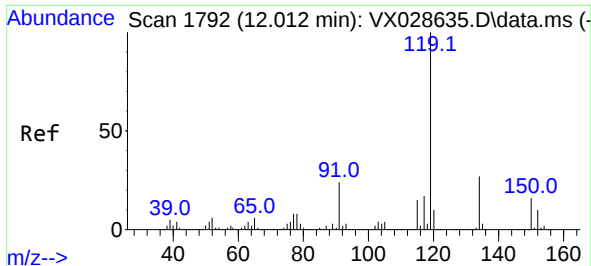
Tgt Ion:105 Resp: 488715
Ion Ratio Lower Upper
105 100
120 44.9 22.6 67.8



#85
sec-Butylbenzene
Concen: 2.091 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

Tgt Ion:105 Resp: 28305
Ion Ratio Lower Upper
105 100
134 16.5 10.2 30.4

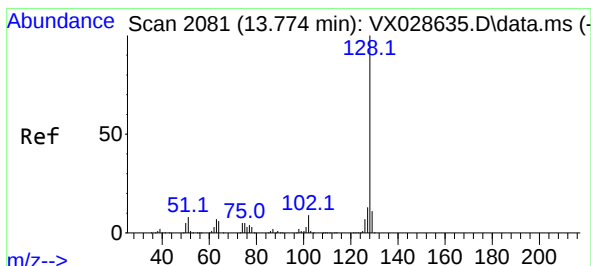
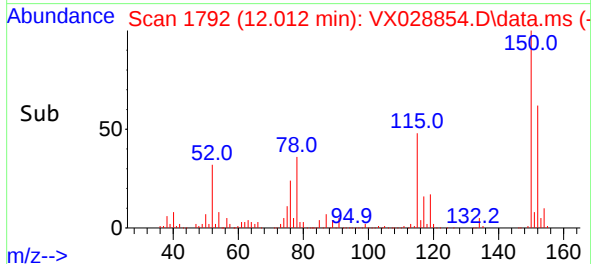
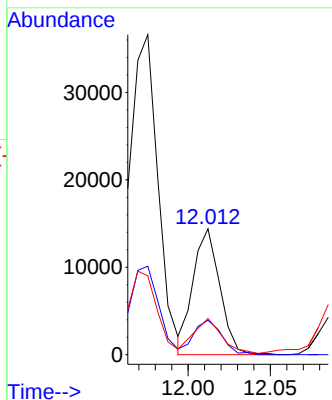
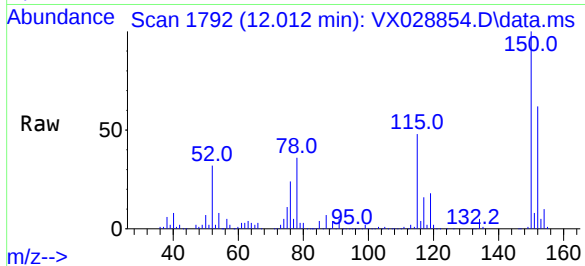




#86
p-Isopropyltoluene
Concen: 1.436 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

Instrument :
MSVOA_X
ClientSampleId :
MW-33

Tgt Ion:119 Resp: 16315
Ion Ratio Lower Upper
119 100
134 28.8 13.0 39.0
91 28.9 11.3 33.9



#95
Naphthalene
Concen: 1.280 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028854.D
Acq: 20 May 2022 16:33

Tgt Ion:128 Resp: 16312
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 14.1 8.7 13.1#

