

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025462.D
 Acq On : 03 Dec 2021 05:13
 Operator : JC/MD
 Sample : M4918-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-40

Quant Time: Dec 03 06:16:41 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)

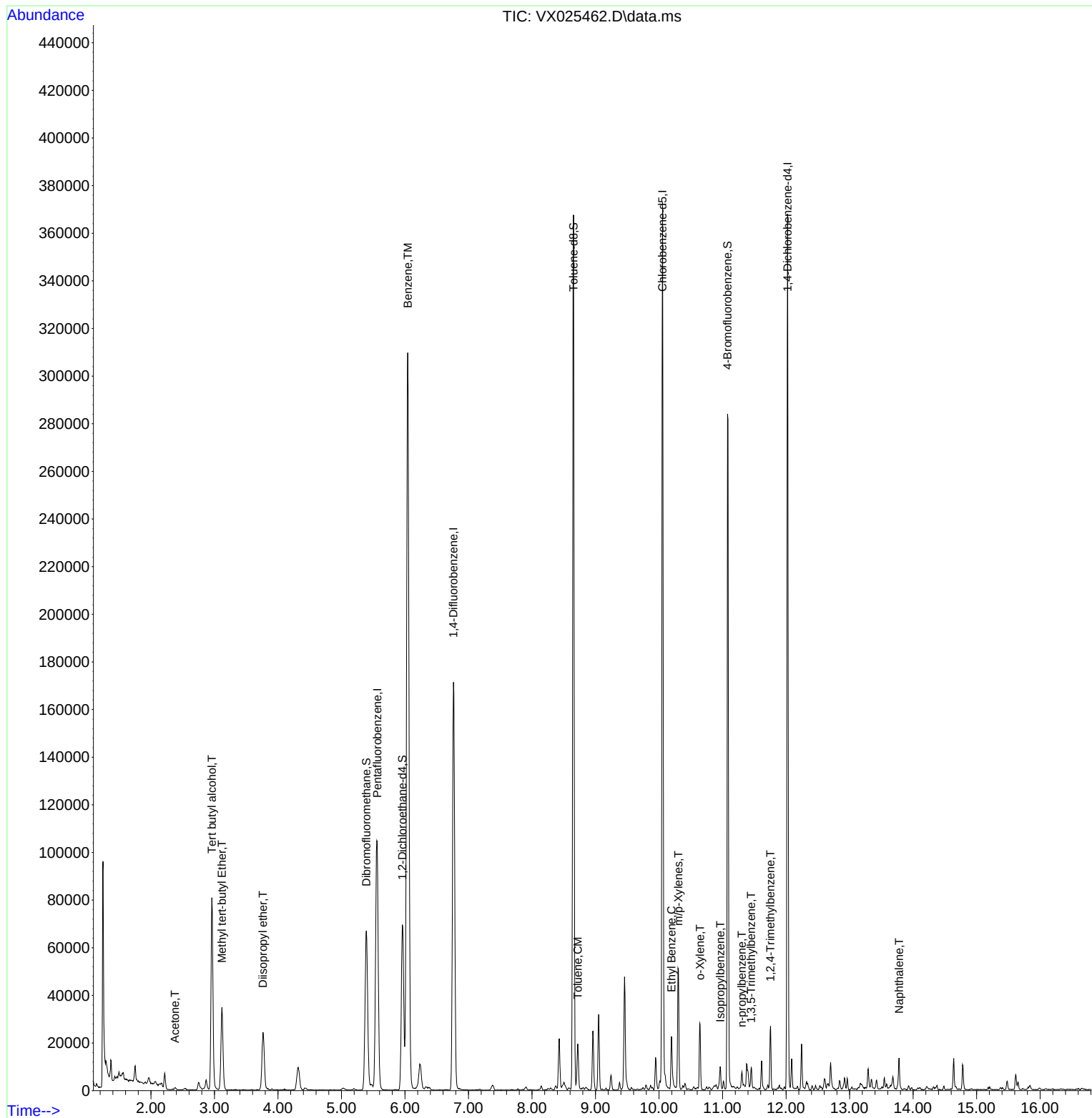
Internal Standards						
1) Pentafluorobenzene	5.562	168	109840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64006	55.283	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.560%	
35) Dibromofluoromethane	5.391	113	57885	49.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.660%	
50) Toluene-d8	8.653	98	218950	50.131	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	11.079	95	77240	46.747	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	98440	347.199	ug/l	98
16) Acetone	2.380	43	1203	1.870	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	38277	10.791	ug/l	100
22) Diisopropyl ether	3.764	45	25937	7.392	ug/l #	81
40) Benzene	6.044	78	384164	76.776	ug/l	100
52) Toluene	8.720	92	6416	1.964	ug/l	99
67) Ethyl Benzene	10.195	91	13907	2.302	ug/l	94
68) m/p-Xylenes	10.305	106	13271	5.377	ug/l	95
69) o-Xylene	10.646	106	6632	2.746	ug/l	95
73) Isopropylbenzene	10.963	105	4598	0.817	ug/l	97
78) n-propylbenzene	11.305	91	2699	0.427	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	4050	0.856	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	12258	2.621	ug/l	97
95) Naphthalene	13.780	128	9564	1.430	ug/l	99

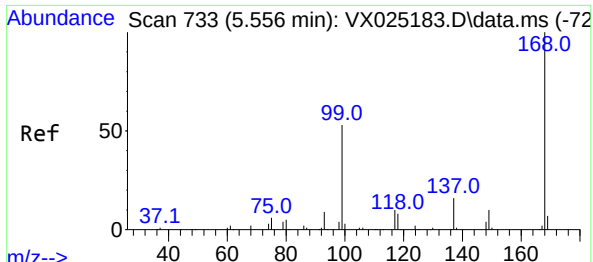
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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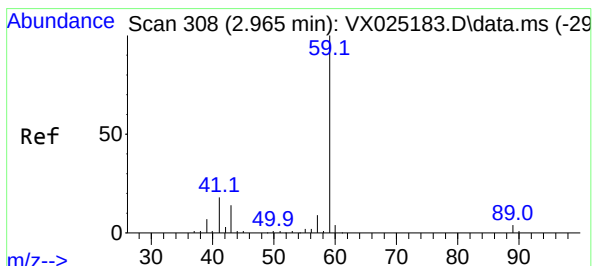
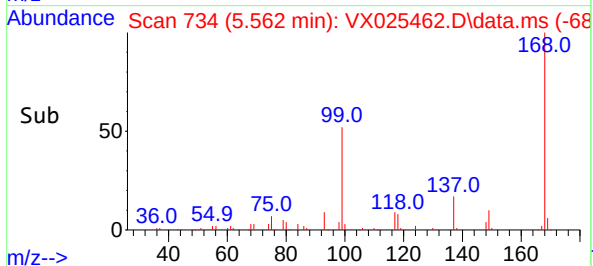
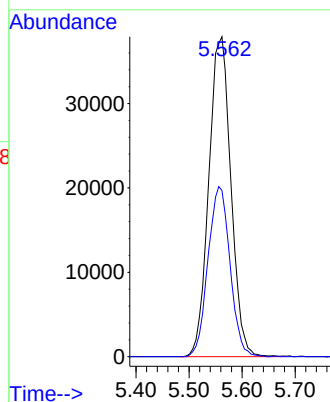
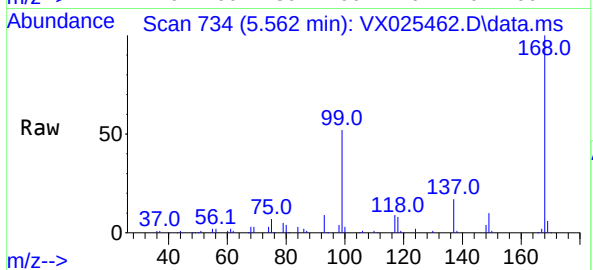




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

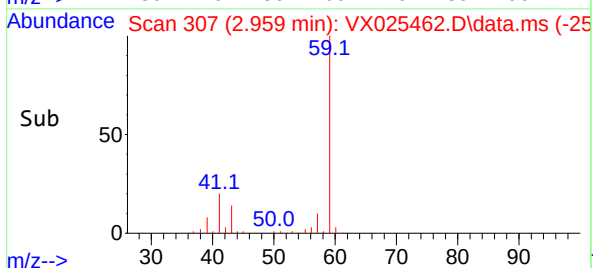
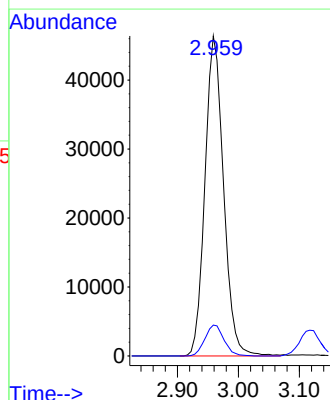
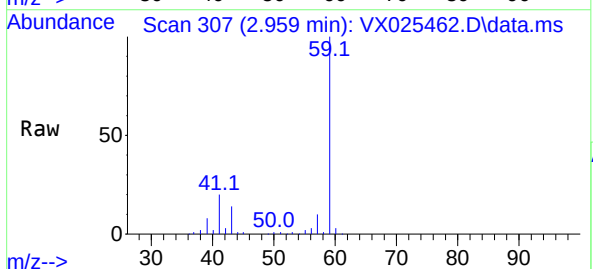
Instrument :
MSVOA_X
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MW-40

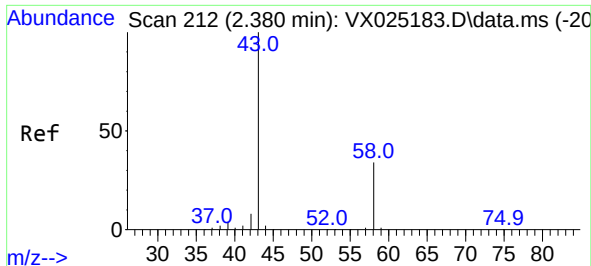
Tgt Ion:168 Resp: 109840
Ion Ratio Lower Upper
168 100
99 52.0 46.4 69.6



#11
Tert butyl alcohol
Concen: 347.199 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

Tgt Ion: 59 Resp: 98440
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7

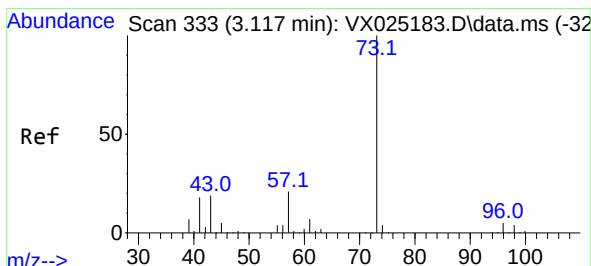
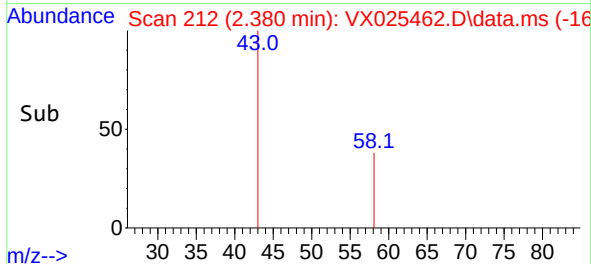
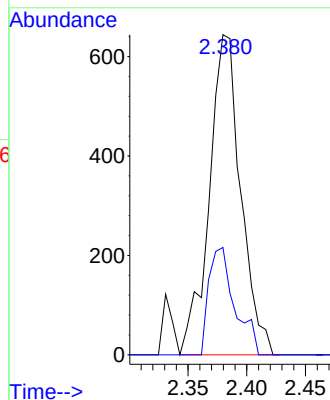
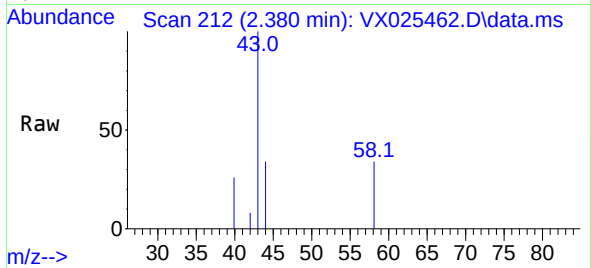




#16
Acetone
Concen: 1.870 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

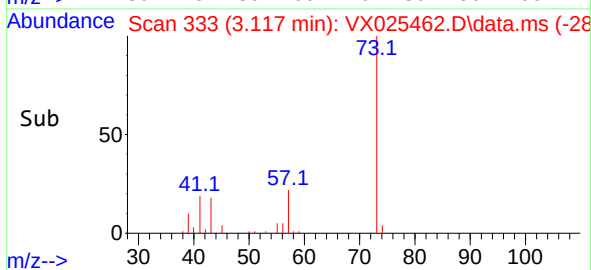
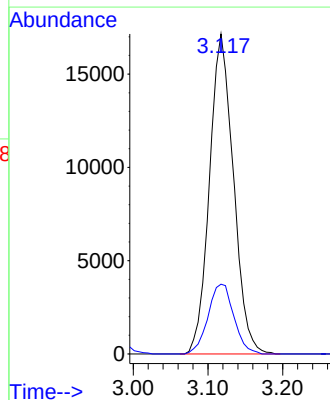
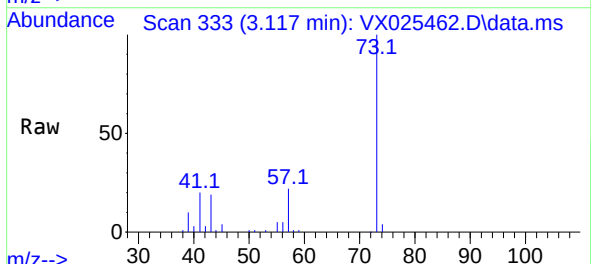
Instrument :
MSVOA_X
ClientSampleId :
MW-40

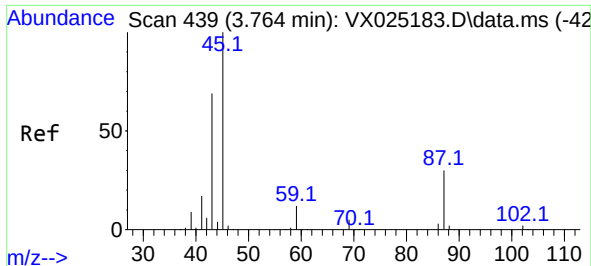
Tgt Ion: 43 Resp: 1203
Ion Ratio Lower Upper
43 100
58 33.5 24.0 36.0



#19
Methyl tert-butyl Ether
Concen: 10.791 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

Tgt Ion: 73 Resp: 38277
Ion Ratio Lower Upper
73 100
57 21.8 17.5 26.3

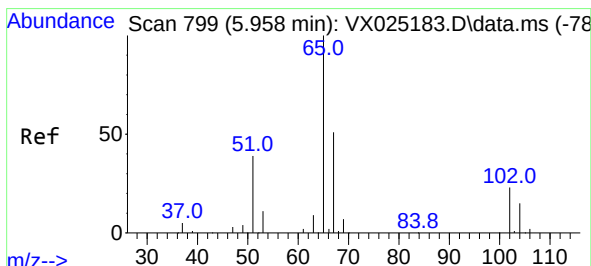
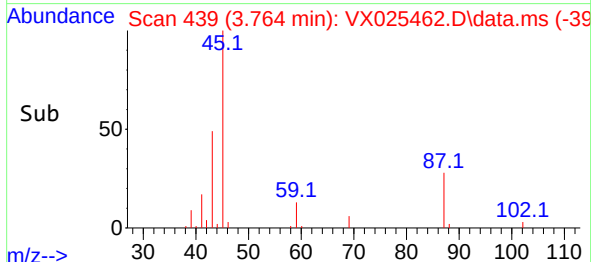
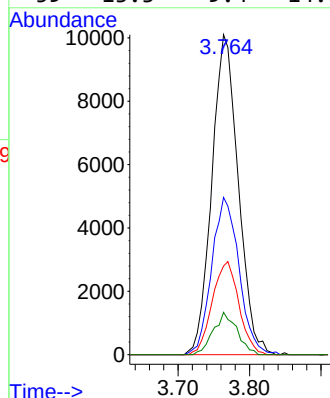
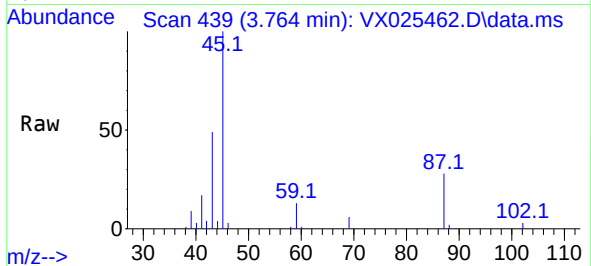




#22
Diisopropyl ether
Concen: 7.392 ug/l
RT: 3.764 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

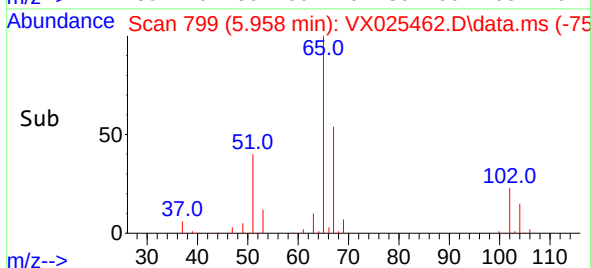
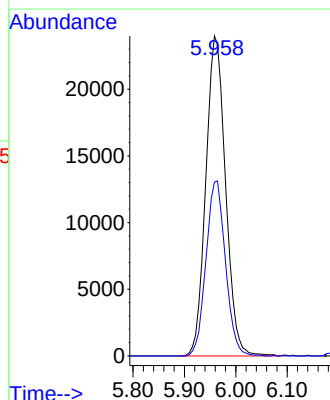
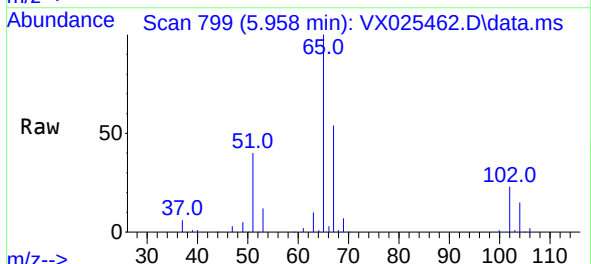
Instrument :
MSVOA_X
ClientSampleId :
MW-40

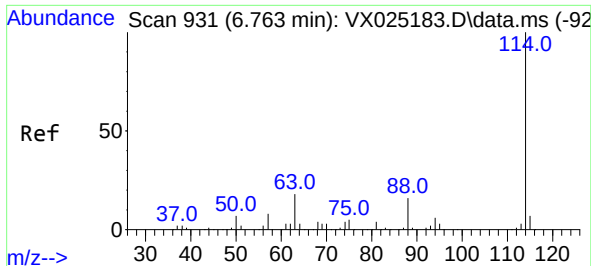
Tgt Ion: 45	Resp: 25937
Ion Ratio	Lower Upper
45 100	
43 49.2	58.3 87.5#
87 27.7	23.7 35.5
59 13.3	9.4 14.0



#33
1,2-Dichloroethane-d4
Concen: 55.283 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

Tgt Ion: 65	Resp: 64006
Ion Ratio	Lower Upper
65 100	
67 54.0	0.0 101.0

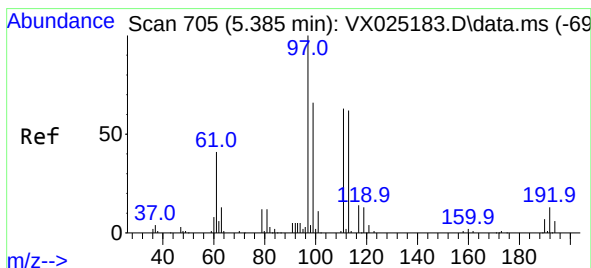
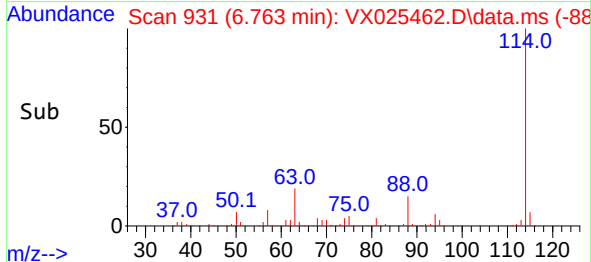
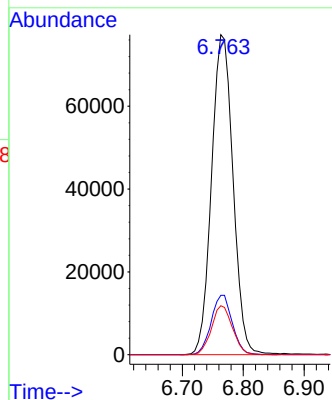
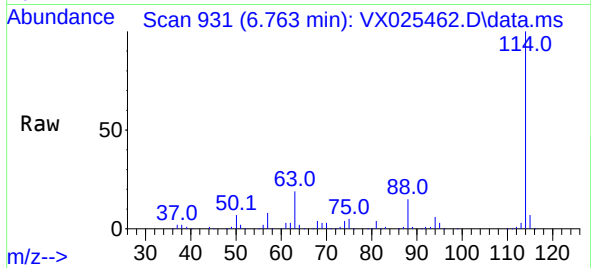




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

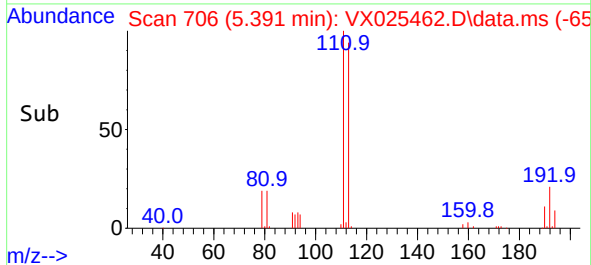
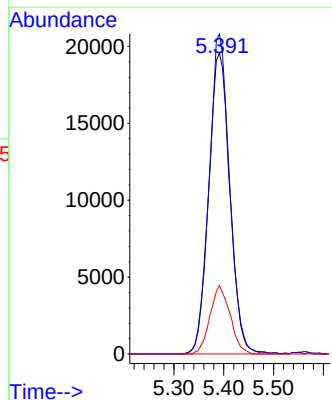
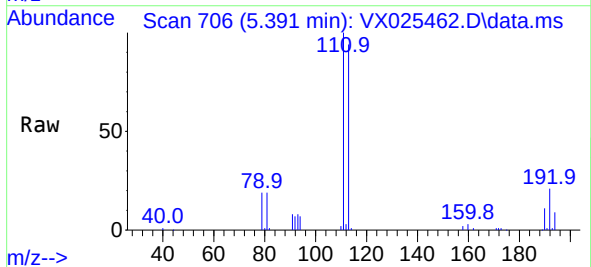
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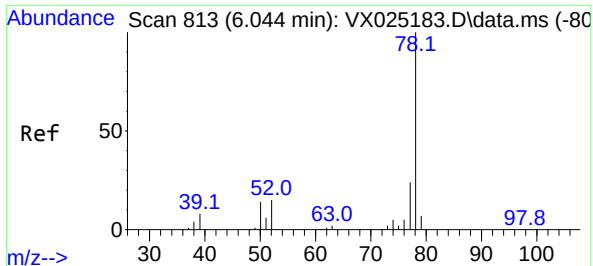
Tgt Ion:114 Resp: 189323
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.831 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

Tgt Ion:113 Resp: 57885
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 21.5 15.6 23.4

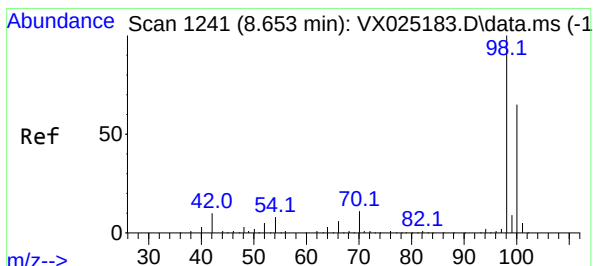
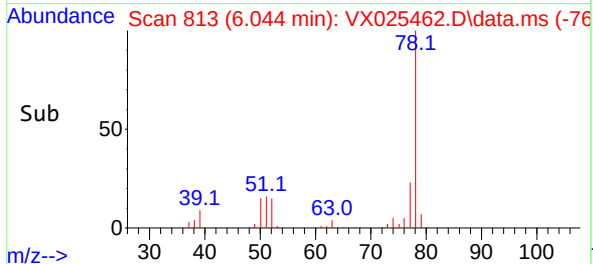
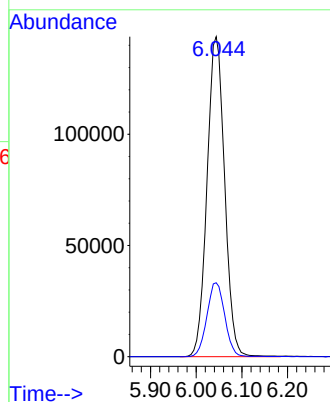
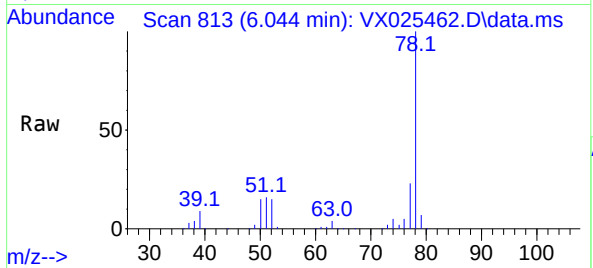




#40
Benzene
Concen: 76.776 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

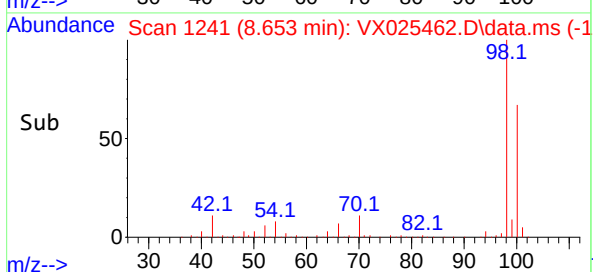
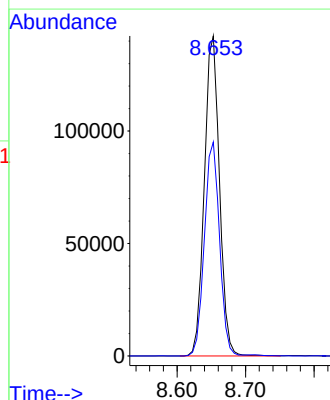
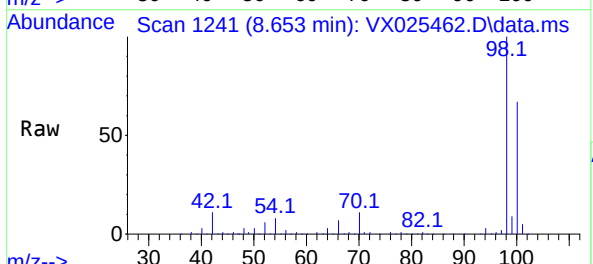
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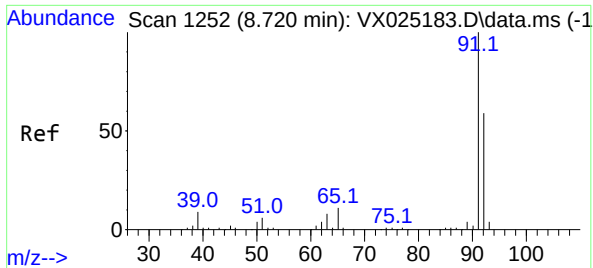
Tgt Ion: 78 Resp: 384164
Ion Ratio Lower Upper
78 100
77 23.1 18.3 27.5



#50
Toluene-d8
Concen: 50.131 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

Tgt Ion: 98 Resp: 218950
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0

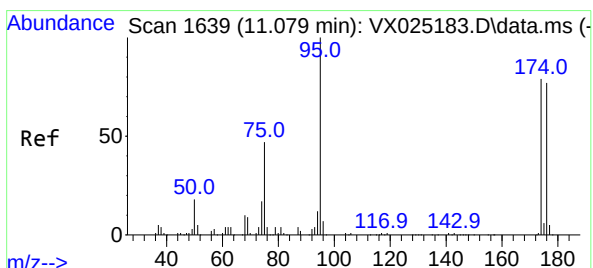
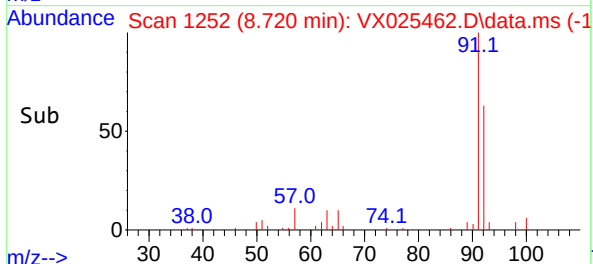
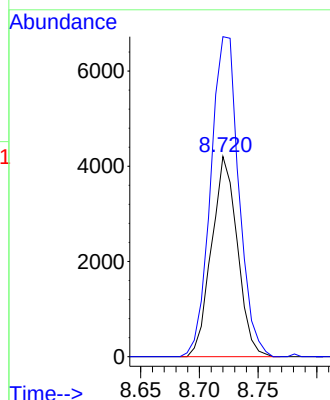
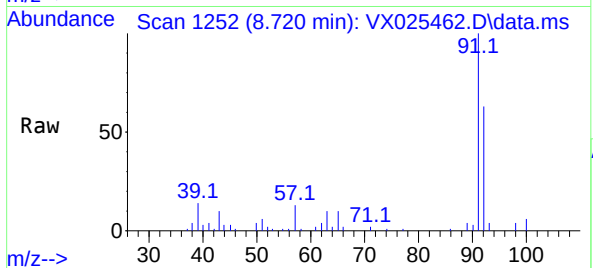




#52
Toluene
Concen: 1.964 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

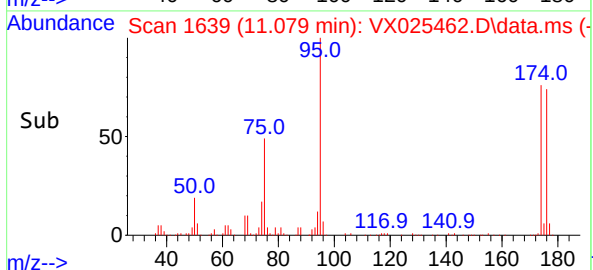
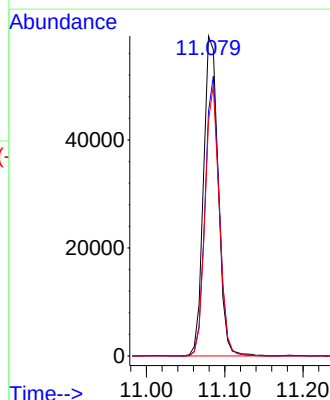
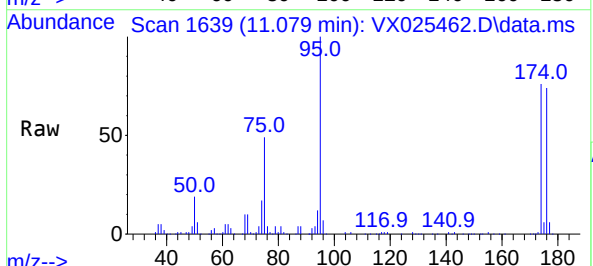
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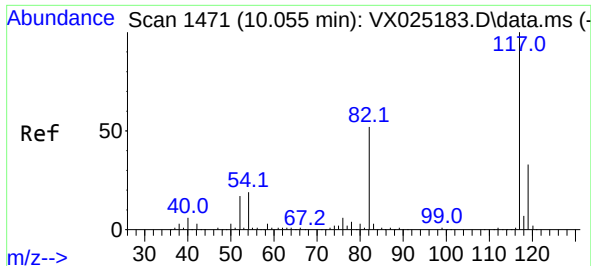
Tgt Ion: 92 Resp: 6416
Ion Ratio Lower Upper
92 100
91 174.8 138.6 208.0



#62
4-Bromofluorobenzene
Concen: 46.747 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

Tgt Ion: 95 Resp: 77240
Ion Ratio Lower Upper
95 100
174 84.0 0.0 158.0
176 81.4 0.0 153.6

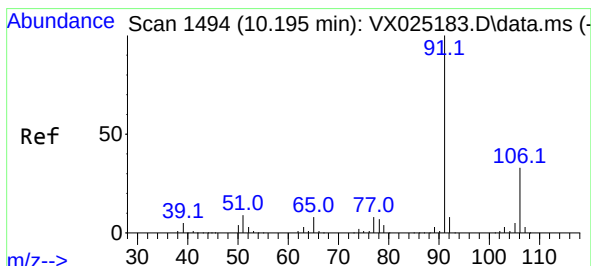
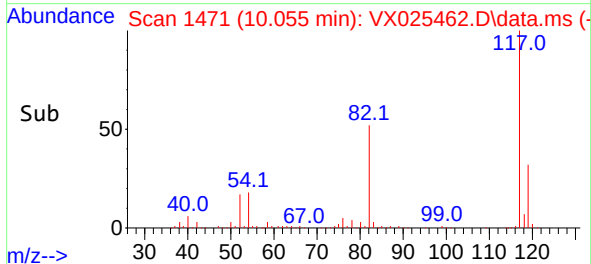
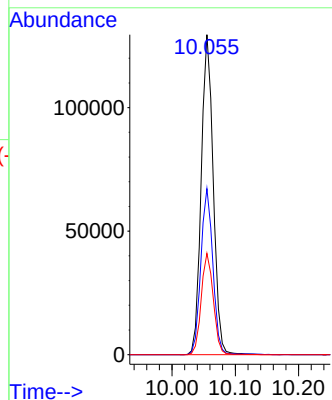
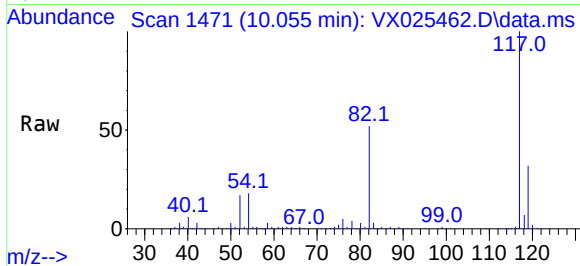




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

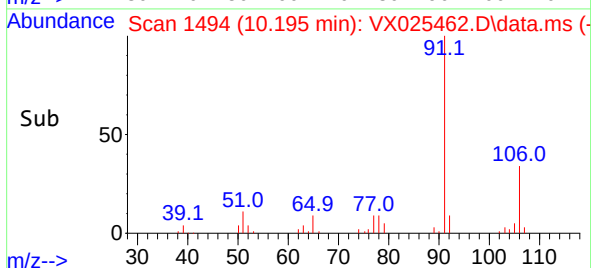
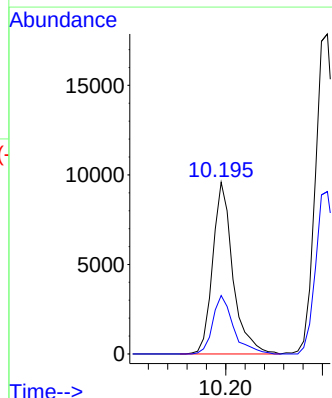
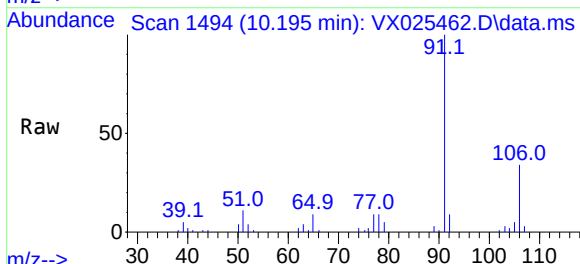
Instrument :
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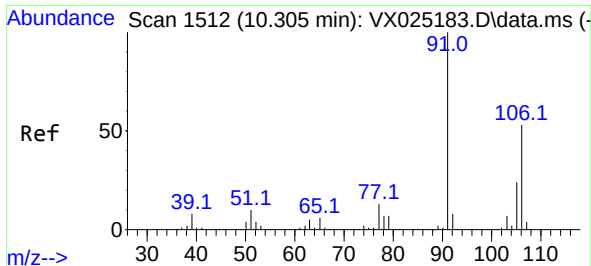
Tgt Ion:117 Resp: 171576
Ion Ratio Lower Upper
117 100
82 51.9 44.6 67.0
119 31.6 24.8 37.2



#67
Ethyl Benzene
Concen: 2.302 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

Tgt Ion: 91 Resp: 13907
Ion Ratio Lower Upper
91 100
106 34.0 24.7 37.1

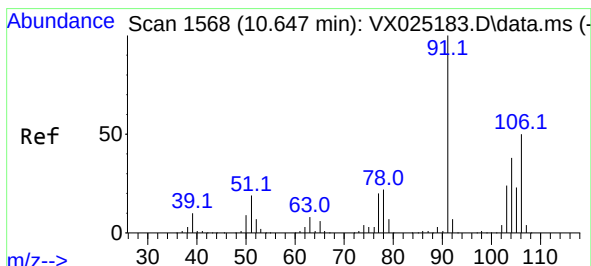
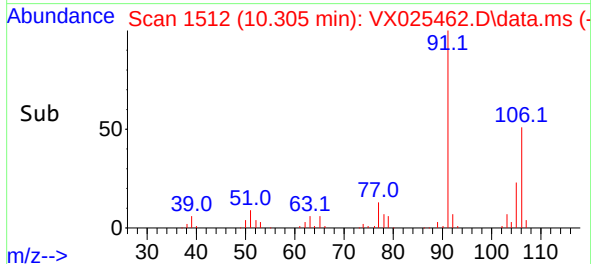
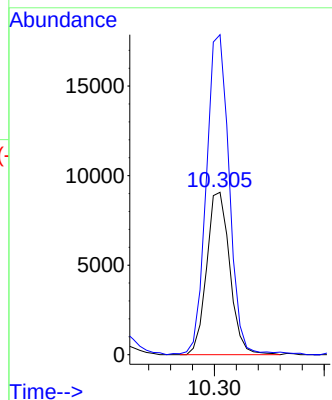
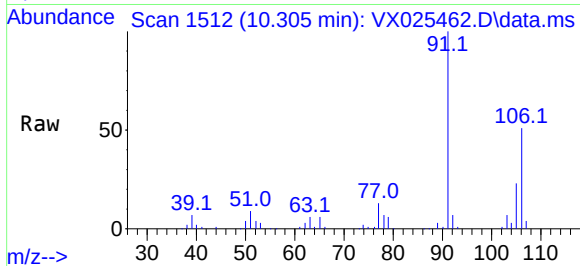




#68
m/p-Xylenes
Concen: 5.377 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

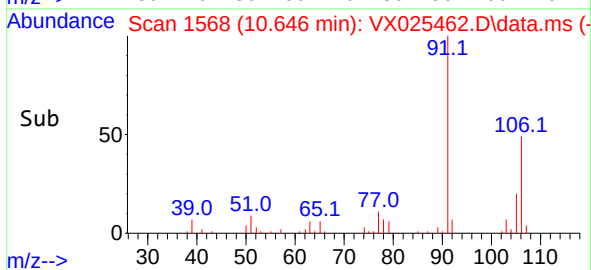
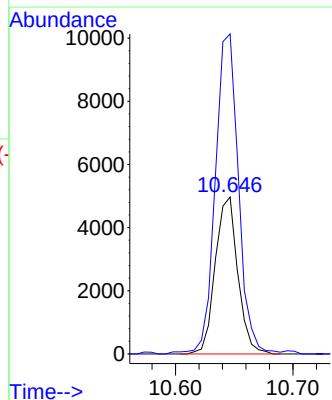
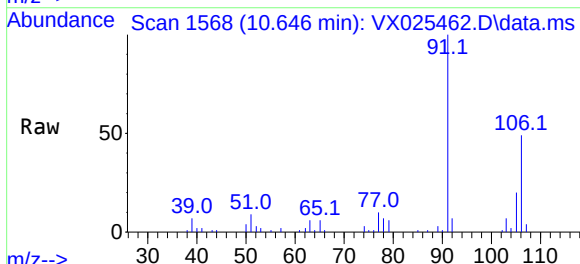
Instrument :
MSVOA_X
ClientSampleId :
MW-40

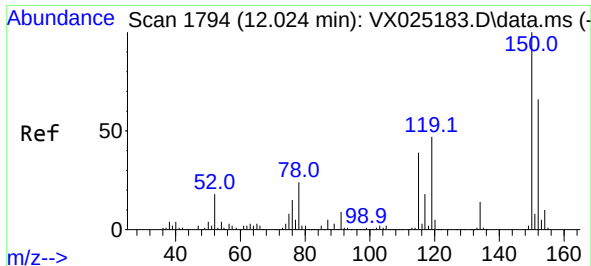
Tgt Ion:106 Resp: 13271
Ion Ratio Lower Upper
106 100
91 196.3 163.4 245.0



#69
o-Xylene
Concen: 2.746 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

Tgt Ion:106 Resp: 6632
Ion Ratio Lower Upper
106 100
91 210.9 109.5 328.4

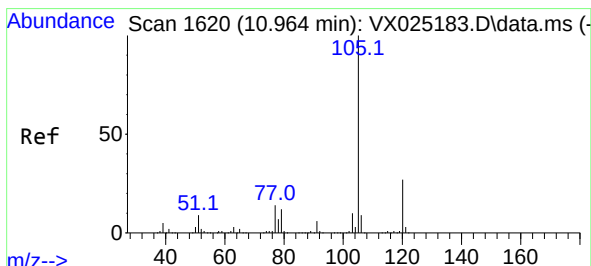
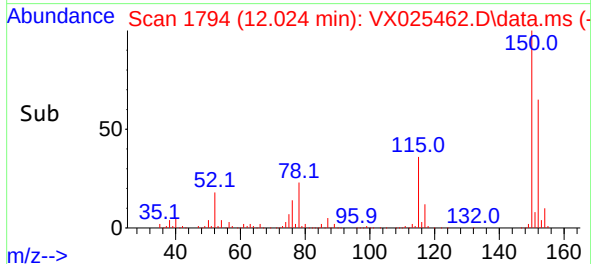
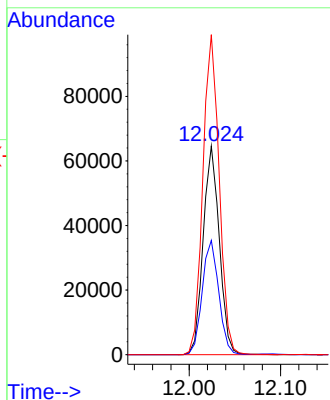
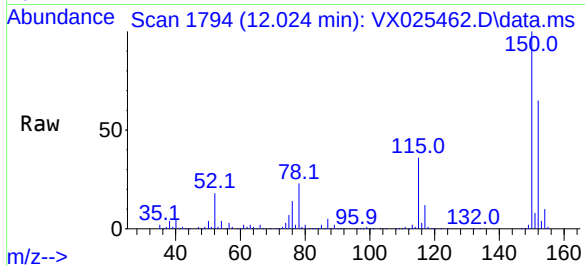




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

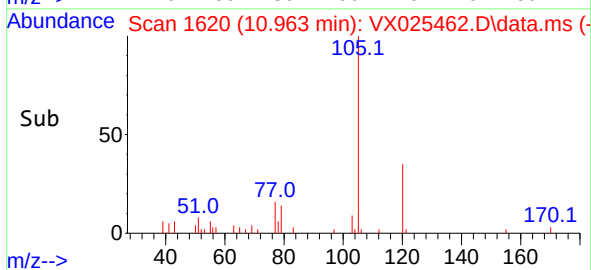
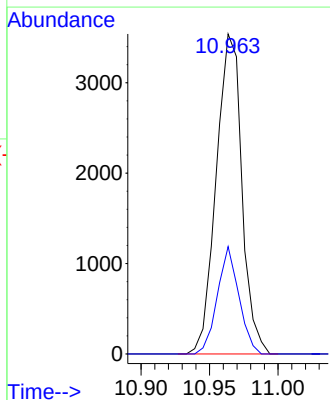
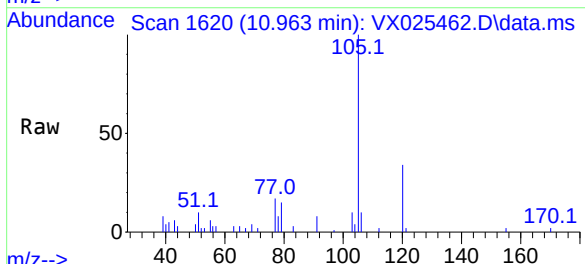
Instrument :
MSVOA_X
ClientSampleId :
MW-40

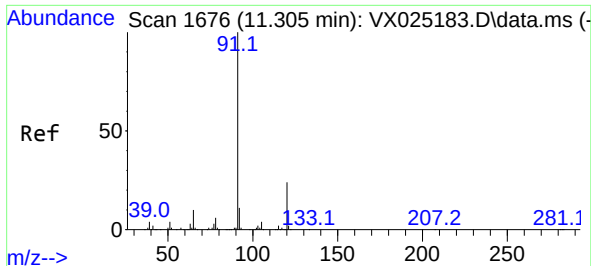
Tgt Ion:152 Resp: 78998
Ion Ratio Lower Upper
152 100
115 56.3 43.3 129.8
150 155.3 0.0 351.2



#73
Isopropylbenzene
Concen: 0.817 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

Tgt Ion:105 Resp: 4598
Ion Ratio Lower Upper
105 100
120 28.1 13.3 39.8

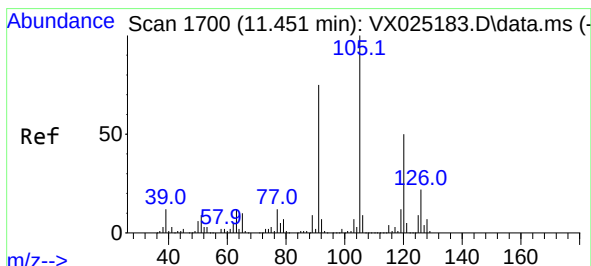
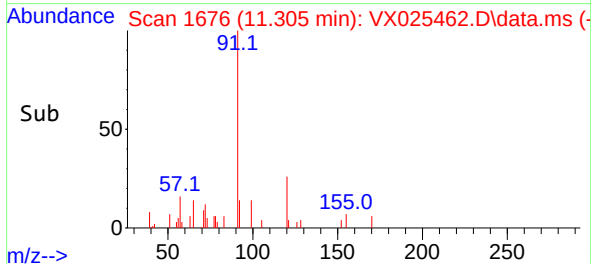
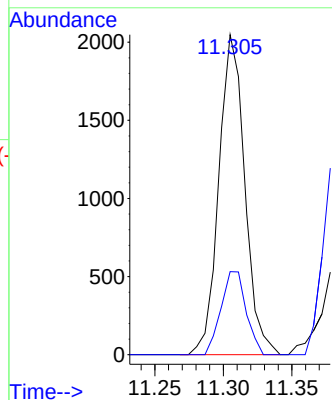
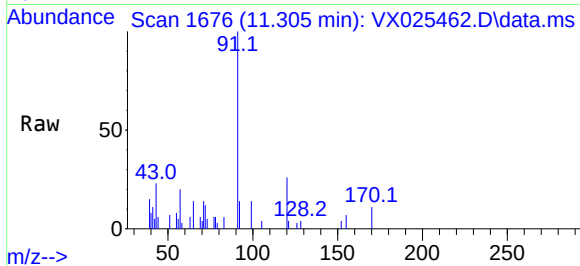




#78
n-propylbenzene
Concen: 0.427 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

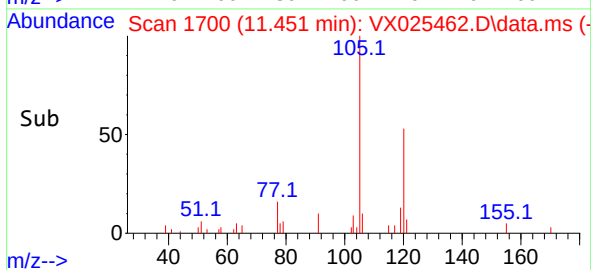
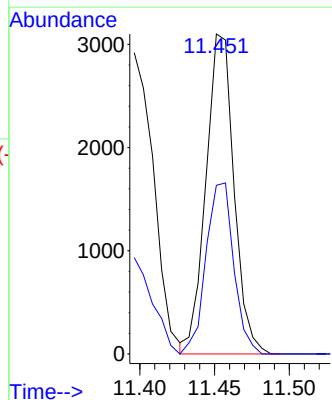
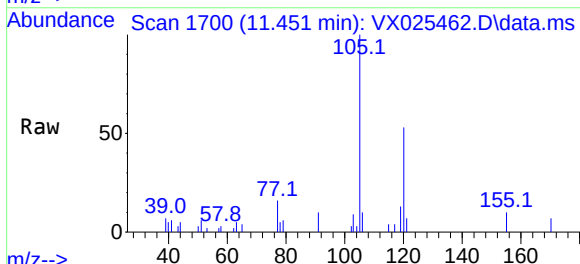
Instrument :
MSVOA_X
ClientSampleId :
MW-40

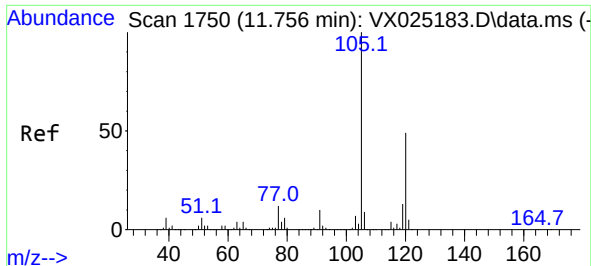
Tgt Ion: 91 Resp: 2699
Ion Ratio Lower Upper
91 100
120 25.1 11.7 35.0



#80
1,3,5-Trimethylbenzene
Concen: 0.856 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

Tgt Ion: 105 Resp: 4050
Ion Ratio Lower Upper
105 100
120 52.9 23.8 71.5

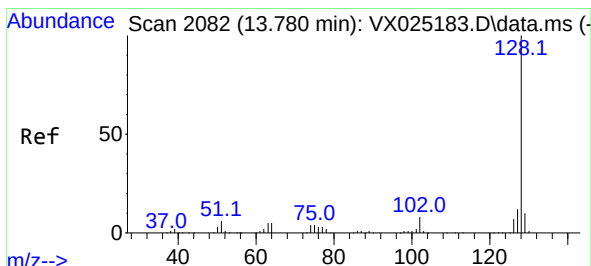
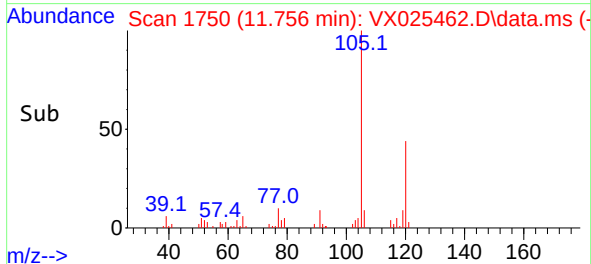
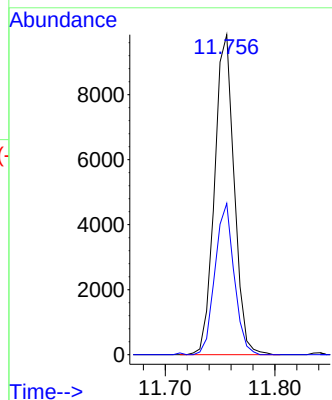
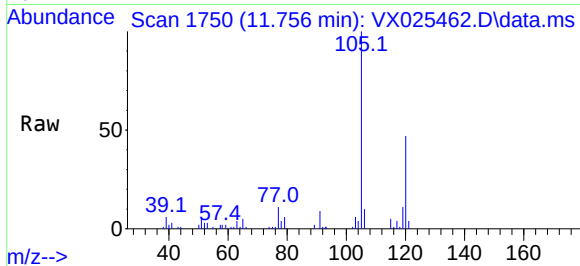




#84
1,2,4-Trimethylbenzene
Concen: 2.621 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

Instrument :
MSVOA_X
ClientSampleId :
MW-40

Tgt Ion:105 Resp: 12258
Ion Ratio Lower Upper
105 100
120 46.0 22.1 66.3



#95
Naphthalene
Concen: 1.430 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025462.D
Acq: 03 Dec 2021 05:13

Tgt Ion:128 Resp: 9564
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.7 8.8 13.2

