

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073806.D
 Acq On : 07 Jul 2022 13:59
 Operator : VA/SY
 Sample : N3562-10
 Misc : 5.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11B

Quant Time: Jul 08 06:31:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 05:39:57 2022
 Response via : Initial Calibration

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

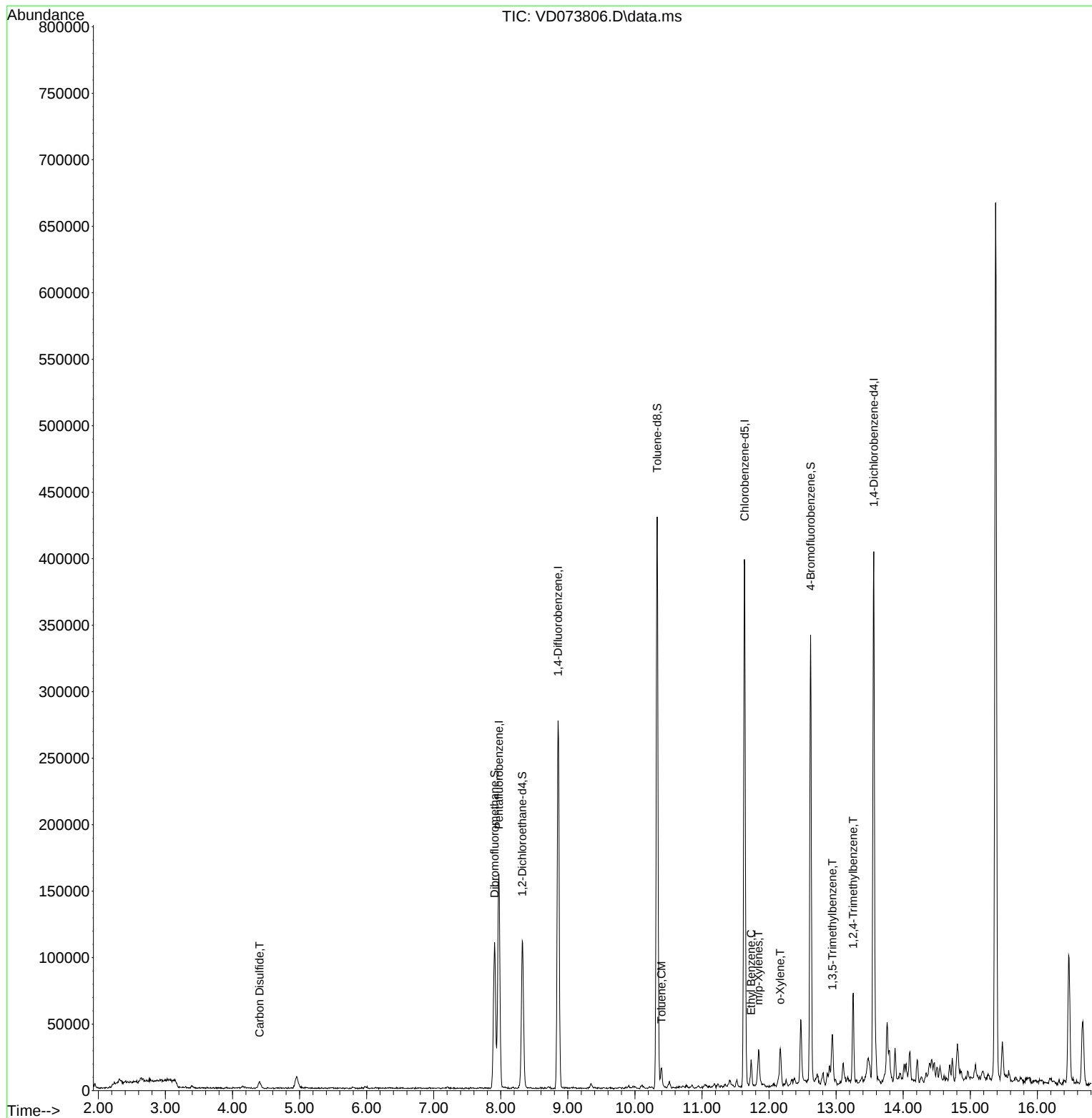
Internal Standards						
1) Pentafluorobenzene	7.973	168	104180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	228042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	213089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	92874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	86165	67.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.440%	
35) Dibromofluoromethane	7.908	113	76301	54.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.060%	
50) Toluene-d8	10.332	98	282394	59.576	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 119.160%#	
62) 4-Bromofluorobenzene	12.620	95	104565	53.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 107.340%#	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.403	76	9477	2.484	ug/l #	86
52) Toluene	10.396	92	5874	1.678	ug/l	98
67) Ethyl Benzene	11.732	91	12431	1.684	ug/l	96
68) m/p-Xylenes	11.843	106	6257	2.241	ug/l	91
69) o-Xylene	12.167	106	6886	2.562	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	13543	2.267	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	35394	5.985	ug/l	97

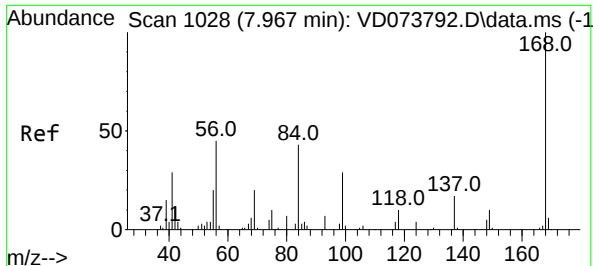
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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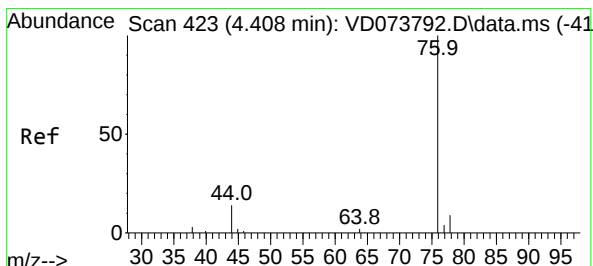
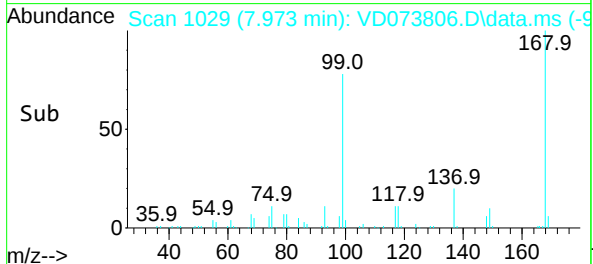
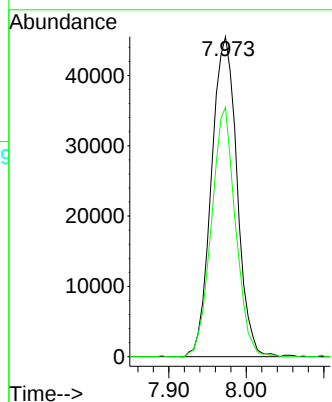
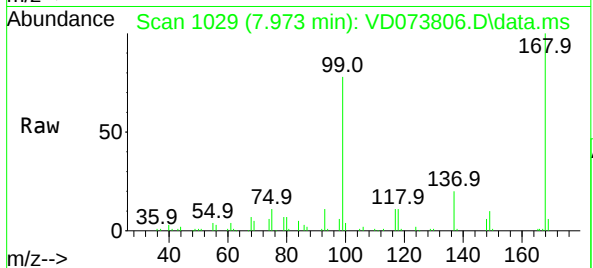




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073806.D
Acq: 07 Jul 2022 13:59

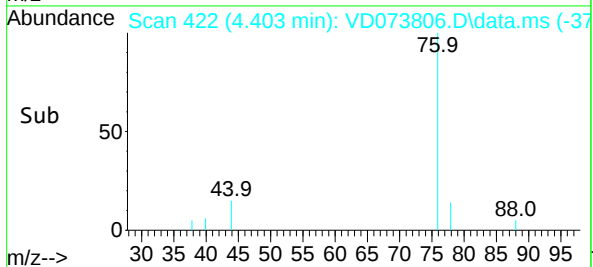
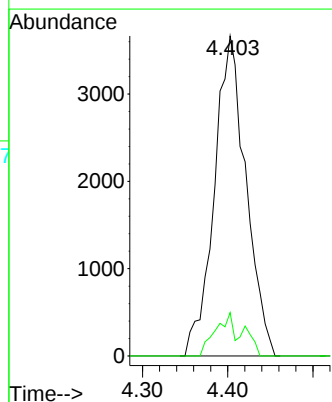
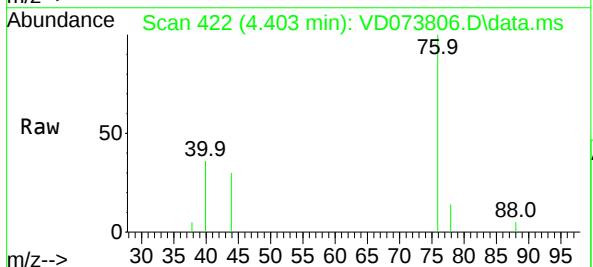
Instrument :
MSVOA_D
ClientSampleId :
SB-11B

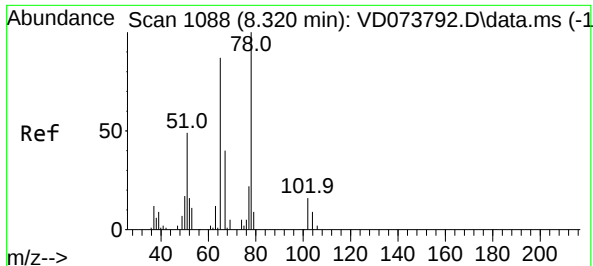
Tgt Ion:168 Resp: 104180
Ion Ratio Lower Upper
168 100
99 78.0 58.4 87.6



#17
Carbon Disulfide
Concen: 2.484 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.005 min
Lab File: VD073806.D
Acq: 07 Jul 2022 13:59

Tgt Ion: 76 Resp: 9477
Ion Ratio Lower Upper
76 100
78 13.6 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 67.221 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073806.D

Acq: 07 Jul 2022 13:59

Instrument :

MSVOA_D

ClientSampleId :

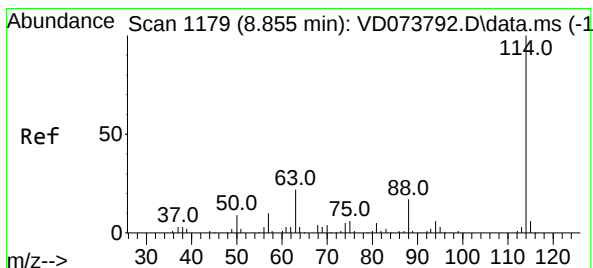
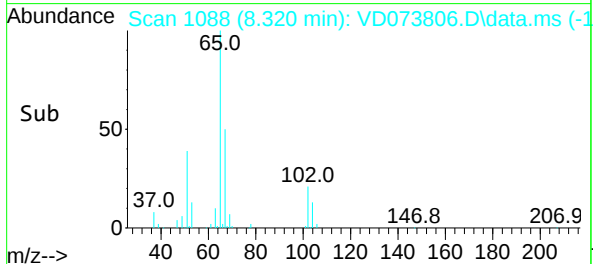
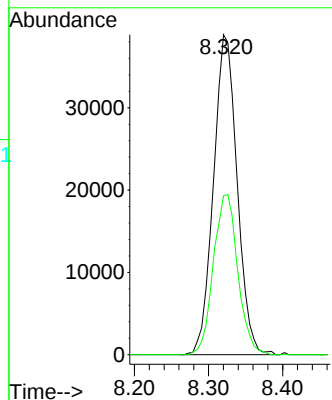
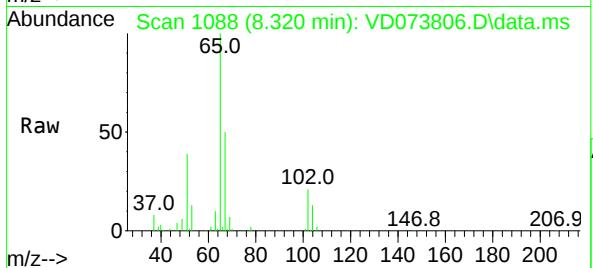
SB-11B

Tgt Ion: 65 Resp: 86165

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073806.D

Acq: 07 Jul 2022 13:59

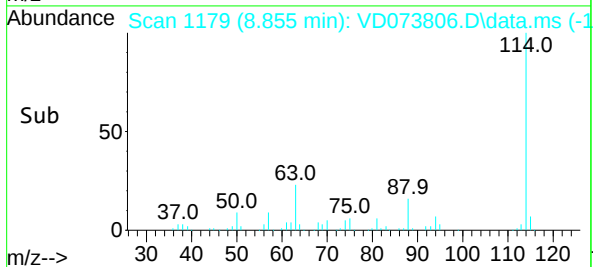
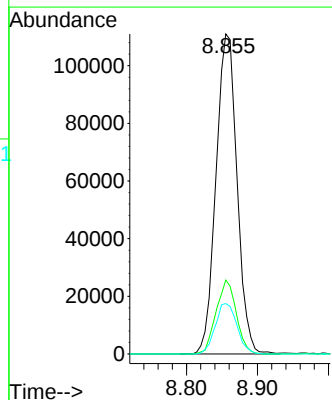
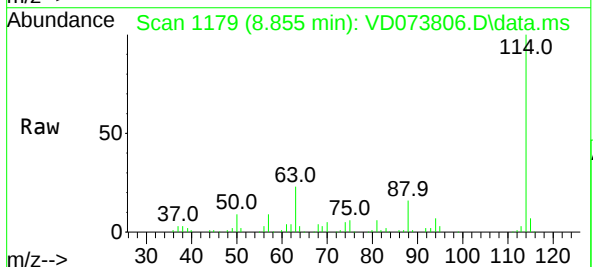
Tgt Ion: 114 Resp: 228042

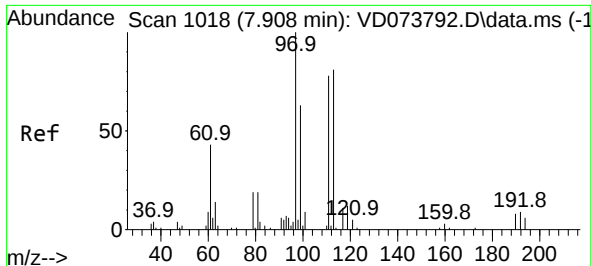
Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.2

88 15.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 54.531 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073806.D

Acq: 07 Jul 2022 13:59

Instrument :

MSVOA_D

ClientSampleId :

SB-11B

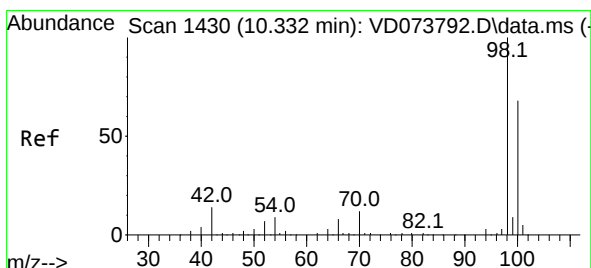
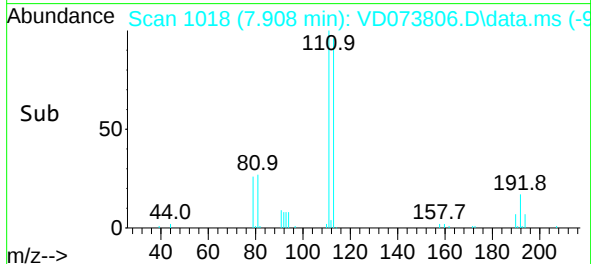
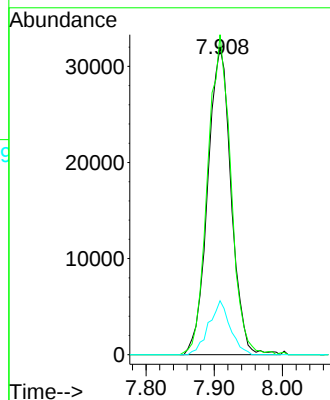
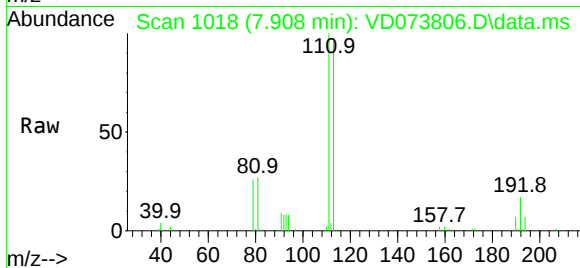
Tgt Ion:113 Resp: 76301

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

192 16.0 11.7 17.5



#50

Toluene-d8

Concen: 59.576 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073806.D

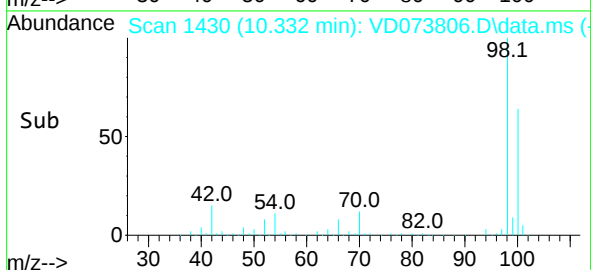
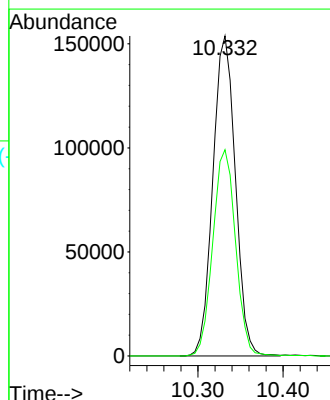
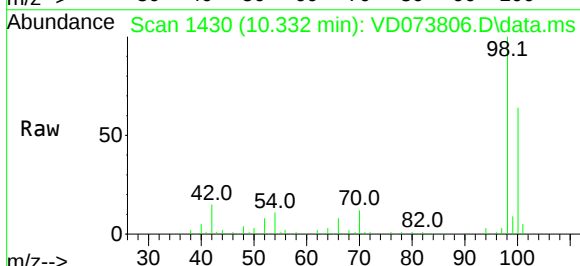
Acq: 07 Jul 2022 13:59

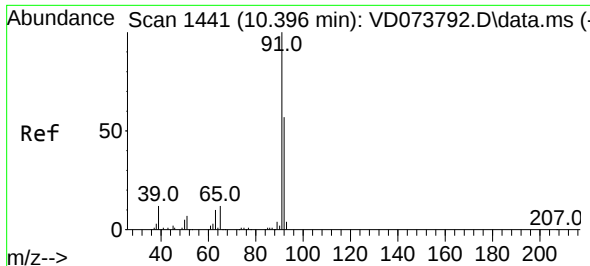
Tgt Ion: 98 Resp: 282394

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9

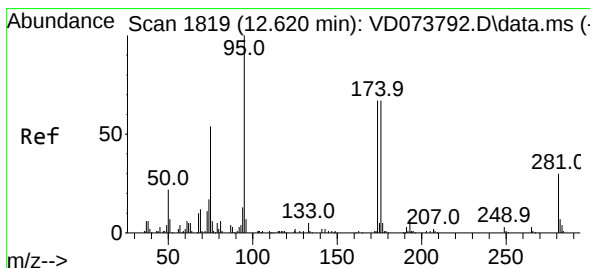
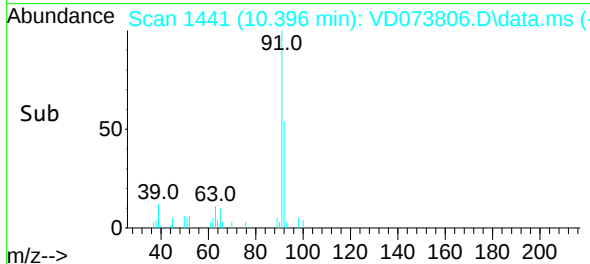
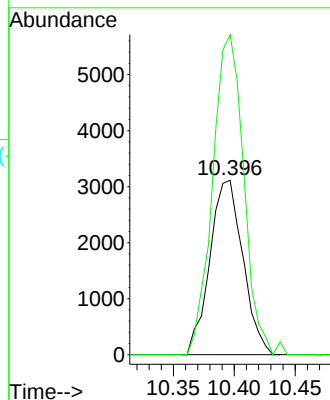
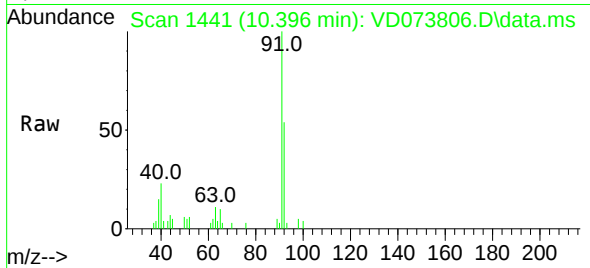




#52
Toluene
Concen: 1.678 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073806.D
Acq: 07 Jul 2022 13:59

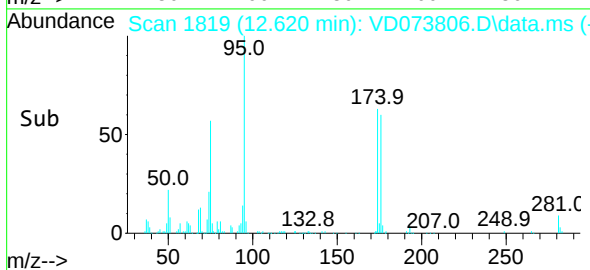
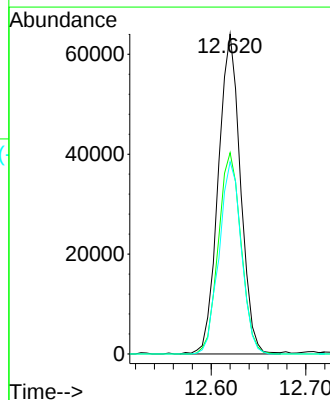
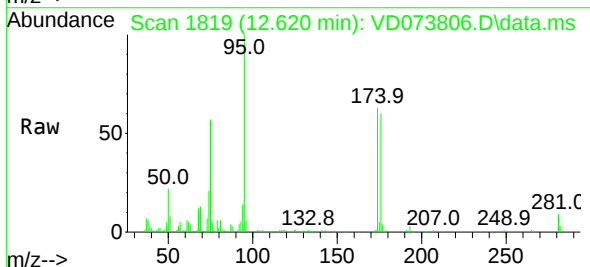
Instrument :
MSVOA_D
ClientSampleId :
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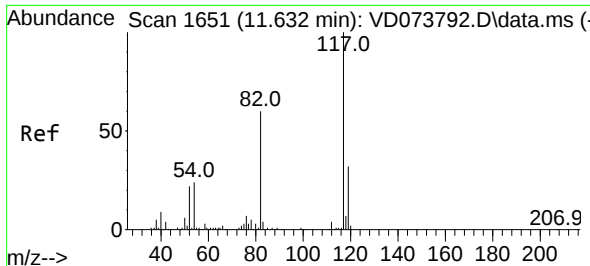
Tgt Ion: 92 Resp: 5874
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 53.668 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073806.D
Acq: 07 Jul 2022 13:59

Tgt Ion: 95 Resp: 104565
Ion Ratio Lower Upper
95 100
174 64.0 0.0 132.4
176 60.0 0.0 129.0

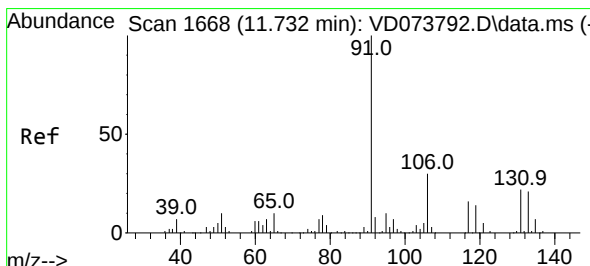
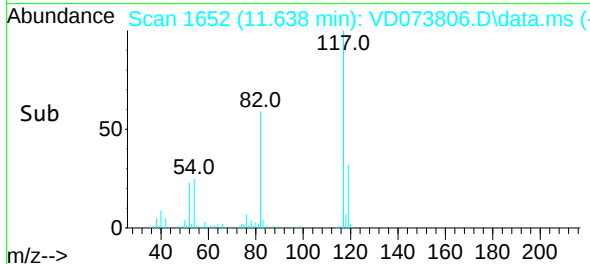
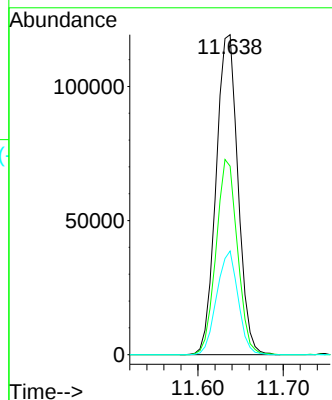
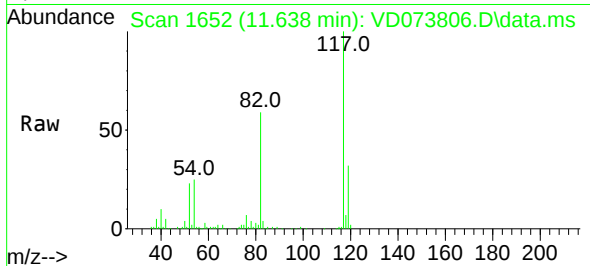




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073806.D
Acq: 07 Jul 2022 13:59

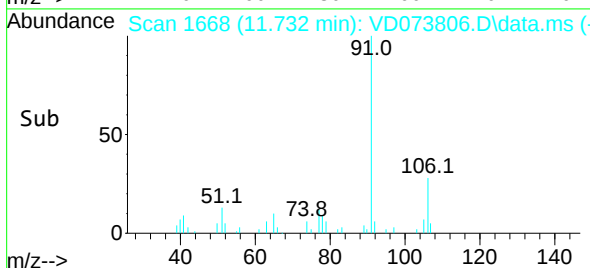
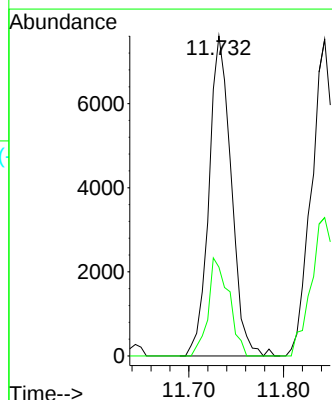
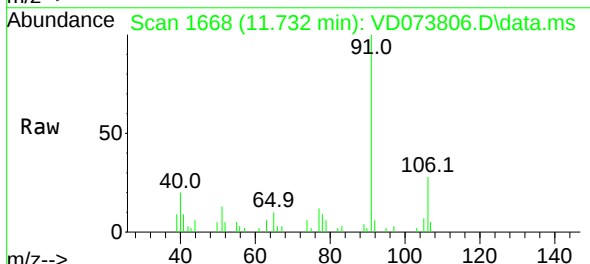
Instrument :
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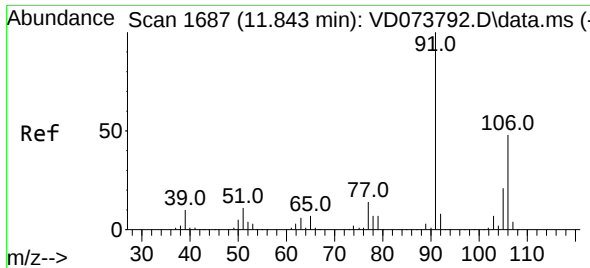
Tgt Ion:117 Resp: 213089
Ion Ratio Lower Upper
117 100
82 58.9 48.2 72.2
119 32.4 25.2 37.8



#67
Ethyl Benzene
Concen: 1.684 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073806.D
Acq: 07 Jul 2022 13:59

Tgt Ion: 91 Resp: 12431
Ion Ratio Lower Upper
91 100
106 27.8 24.1 36.1

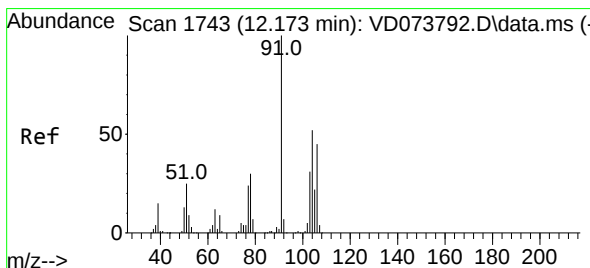
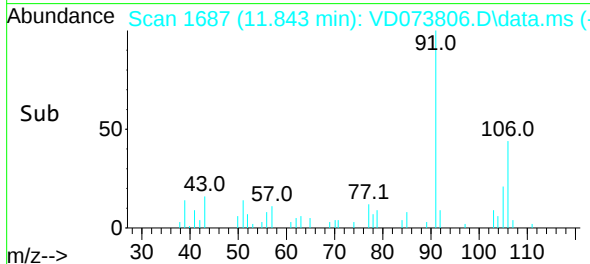
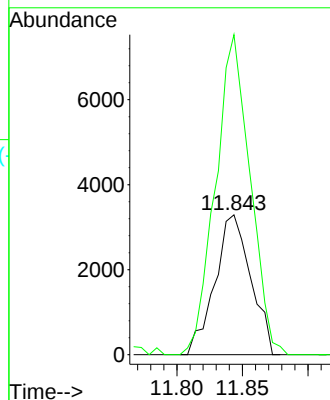
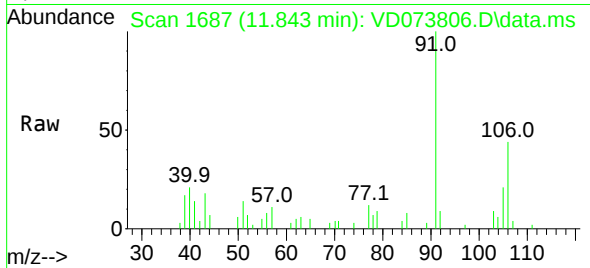




#68
m/p-Xylenes
Concen: 2.241 ug/l
RT: 11.843 min Scan# 11843
Delta R.T. 0.000 min
Lab File: VD073806.D
Acq: 07 Jul 2022 13:59

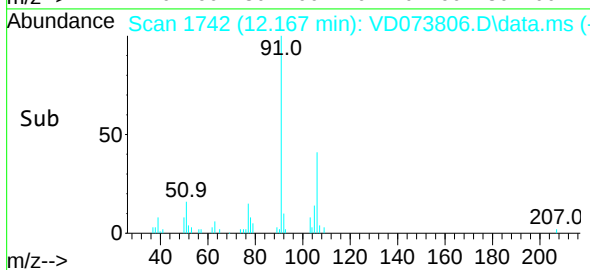
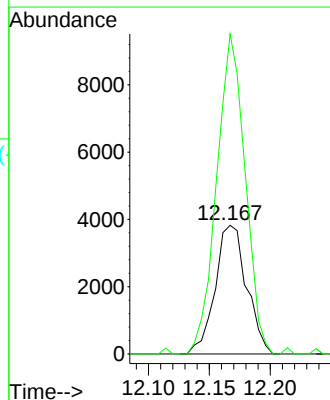
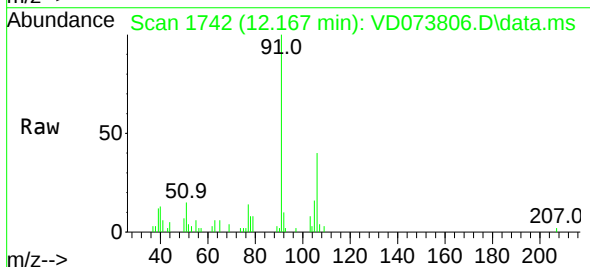
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ClientSampleId :
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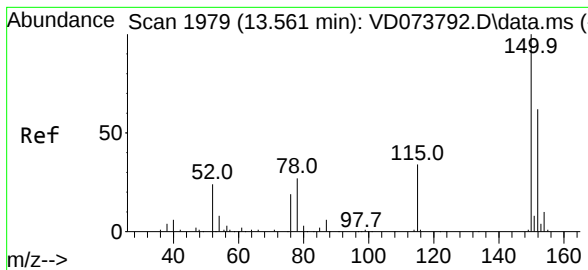
Tgt Ion:106 Resp: 6257
Ion Ratio Lower Upper
106 100
91 221.1 165.4 248.2



#69
o-Xylene
Concen: 2.562 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073806.D
Acq: 07 Jul 2022 13:59

Tgt Ion:106 Resp: 6886
Ion Ratio Lower Upper
106 100
91 225.4 112.3 336.8

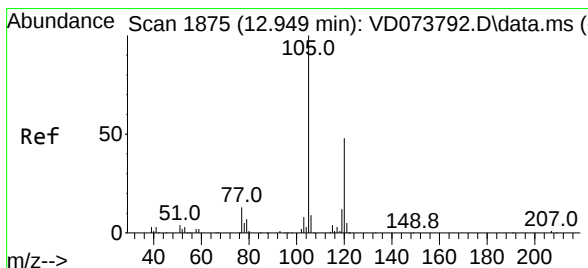
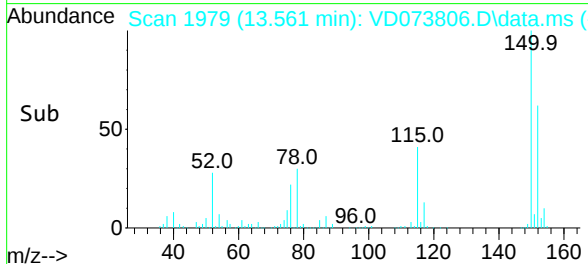
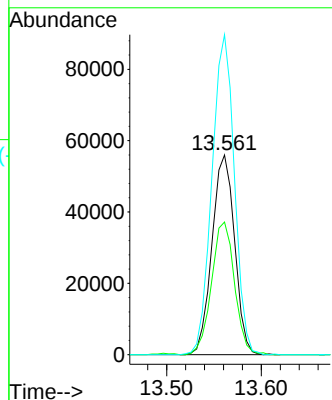
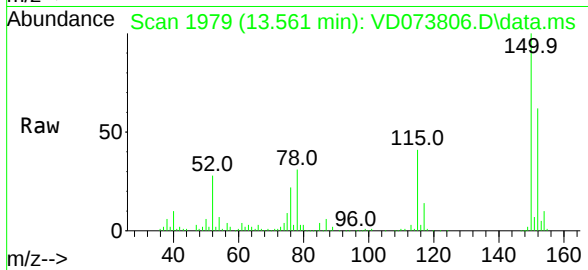




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073806.D
 Acq: 07 Jul 2022 13:59

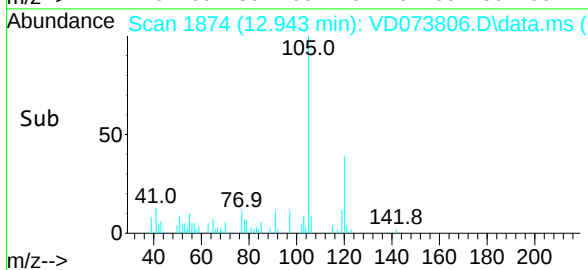
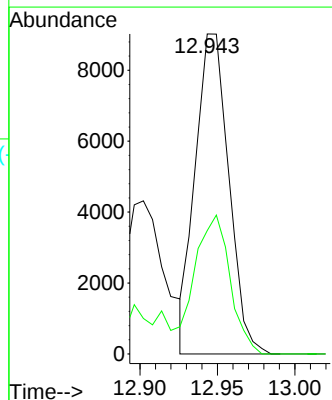
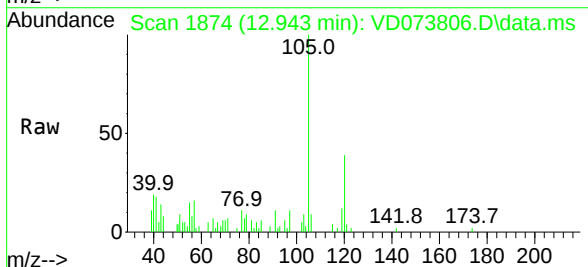
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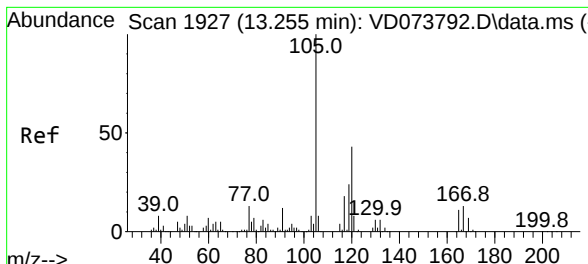
Tgt Ion:152 Resp: 92874
 Ion Ratio Lower Upper
 152 100
 115 67.6 32.2 96.6
 150 159.0 0.0 353.0



#80
 1,3,5-Trimethylbenzene
 Concen: 2.267 ug/l
 RT: 12.943 min Scan# 1874
 Delta R.T. -0.006 min
 Lab File: VD073806.D
 Acq: 07 Jul 2022 13:59

Tgt Ion:105 Resp: 13543
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.8 71.4





#84
 1,2,4-Trimethylbenzene
 Concen: 5.985 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073806.D
 Acq: 07 Jul 2022 13:59

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11B

Tgt Ion:105 Resp: 35394
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.1 66.5

