

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073051.D
 Acq On : 23 Jun 2022 16:16
 Operator : JC\MD
 Sample : N3381-11DL 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24DL

Quant Time: Jun 24 01:19:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

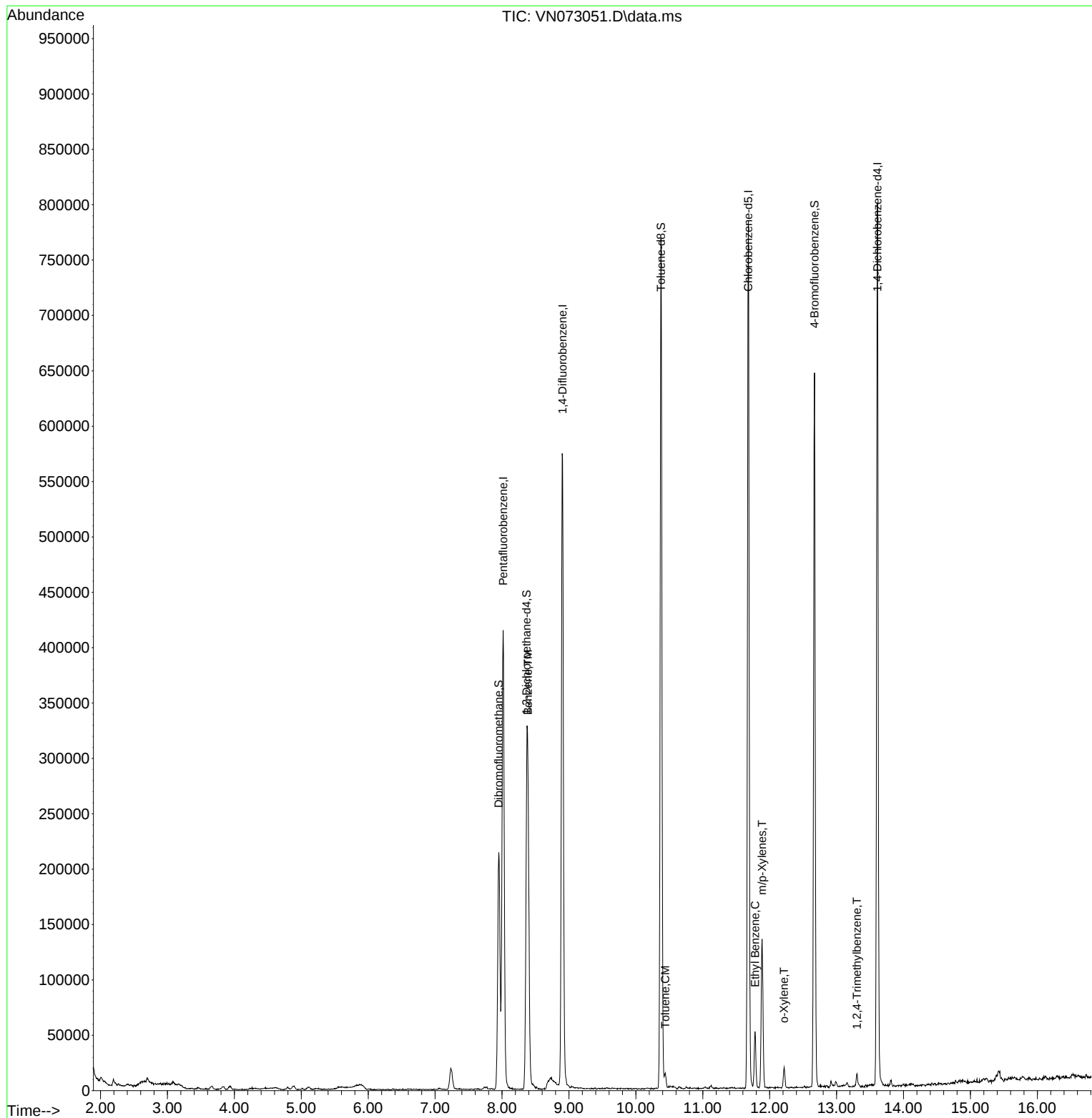
Internal Standards						
1) Pentafluorobenzene	8.016	168	318538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	517221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	456519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	211829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	188877	43.858	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.720%
35) Dibromofluoromethane	7.951	113	161590	50.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.100%
50) Toluene-d8	10.375	98	530977	44.636	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.280%
62) 4-Bromofluorobenzene	12.669	95	224249	52.425	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.840%
Target Compounds						
					Qvalue	
40) Benzene	8.387	78	190946	14.045	ug/l	96
52) Toluene	10.439	92	4171	0.500	ug/l	99
67) Ethyl Benzene	11.780	91	36973	2.356	ug/l	98
68) m/p-Xylenes	11.886	106	42949	6.977	ug/l	95
69) o-Xylene	12.216	106	5115	0.832	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	6076	0.453	ug/l	93

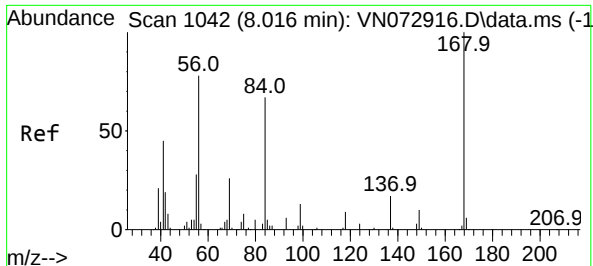
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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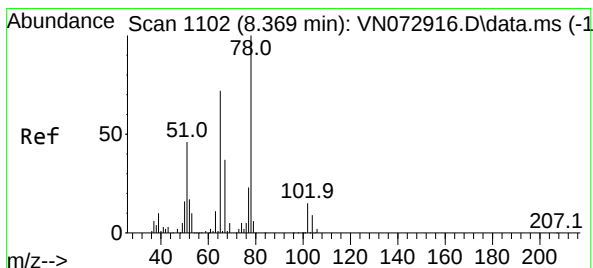
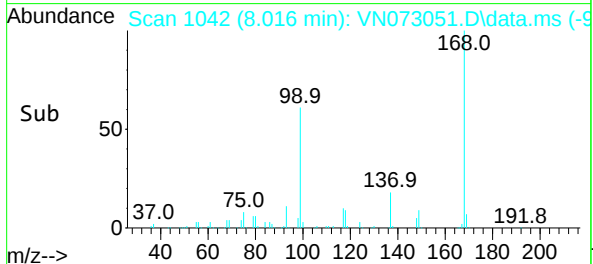
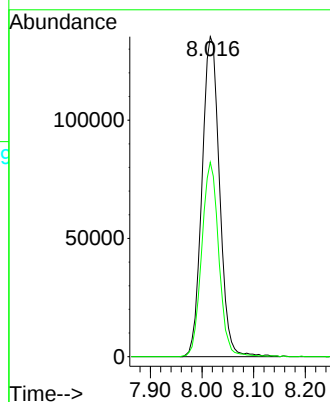
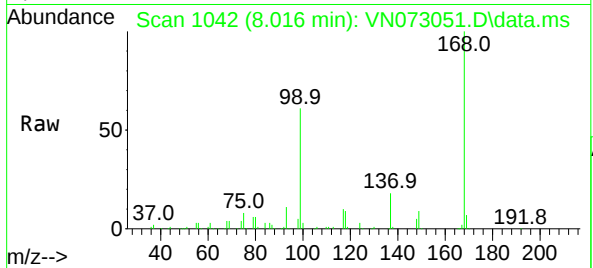




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

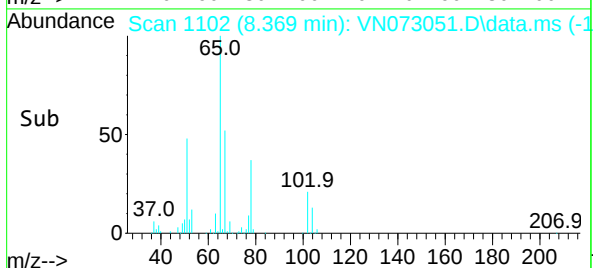
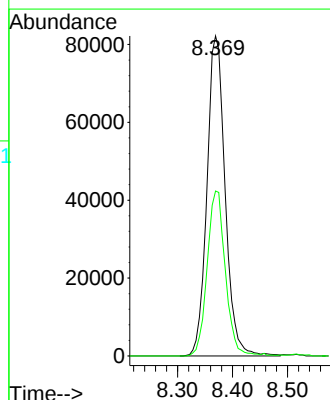
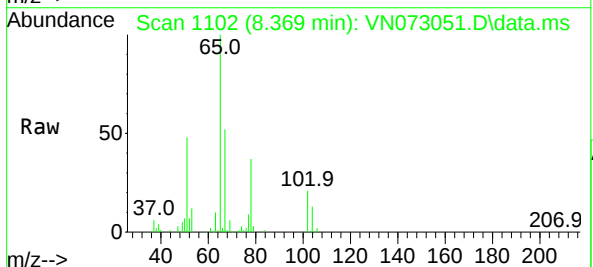
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

Tgt Ion:168 Resp: 318538
Ion Ratio Lower Upper
168 100
99 60.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.858 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion: 65 Resp: 188877
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073051.D

Acq: 23 Jun 2022 16:16

Instrument :

MSVOA_N

ClientSampleId :

MW-24DL

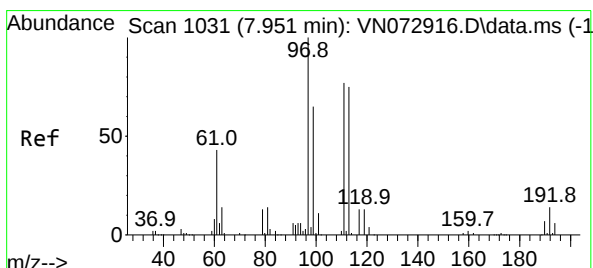
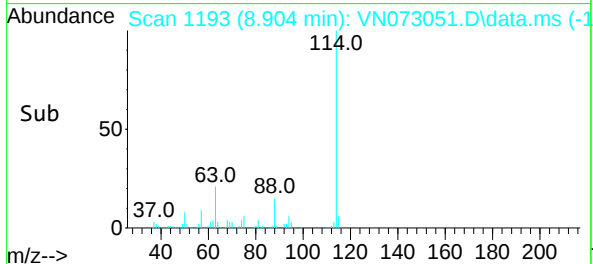
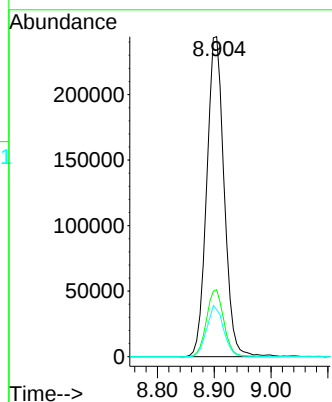
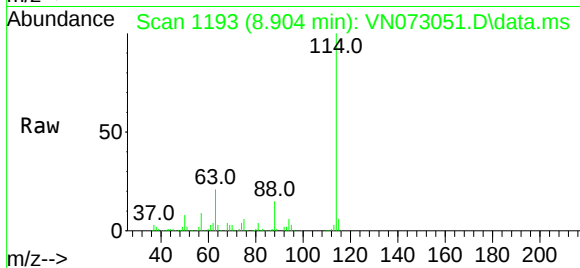
Tgt Ion:114 Resp: 517221

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 14.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.546 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073051.D

Acq: 23 Jun 2022 16:16

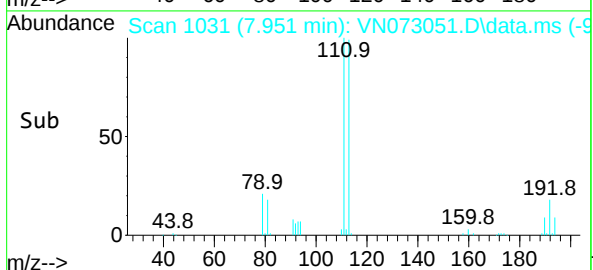
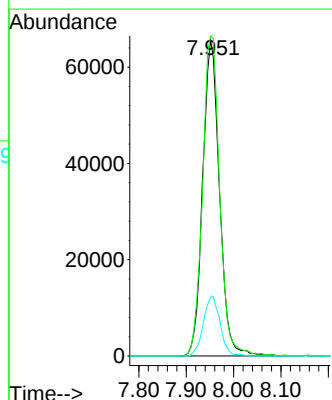
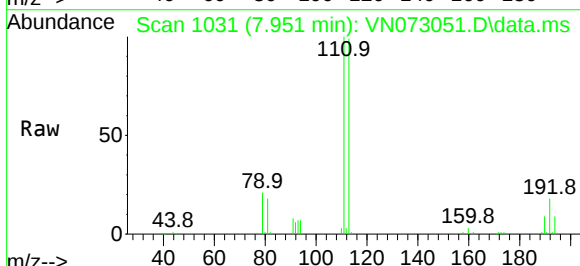
Tgt Ion:113 Resp: 161590

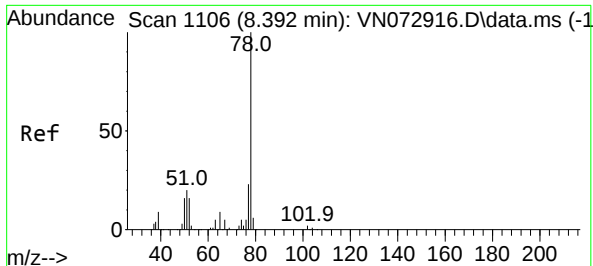
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 18.9 17.0 25.6

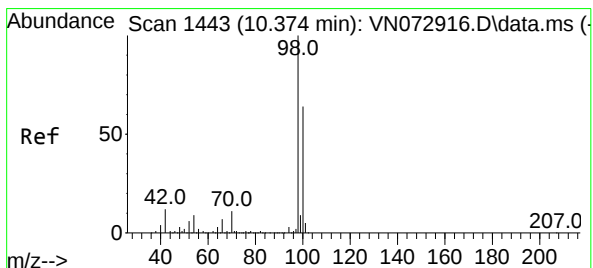
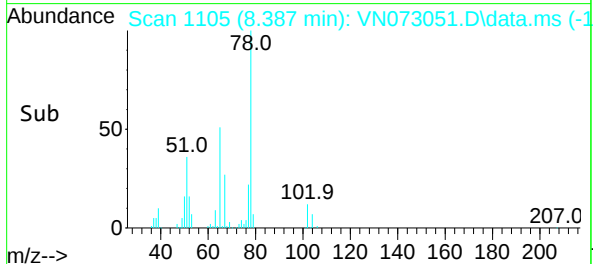
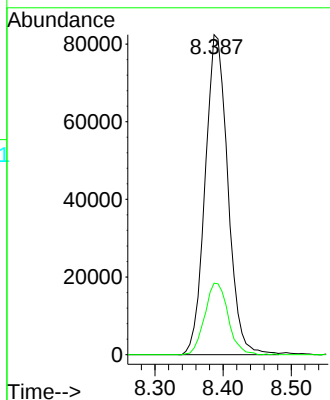
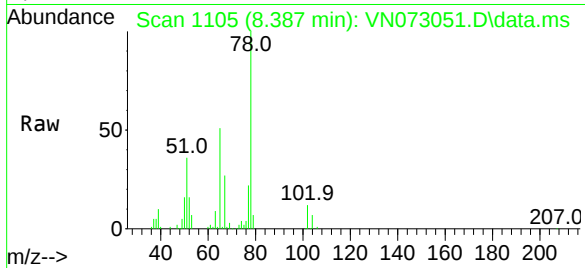




#40
Benzene
Concen: 14.045 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

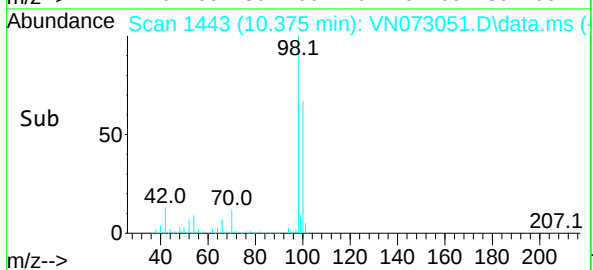
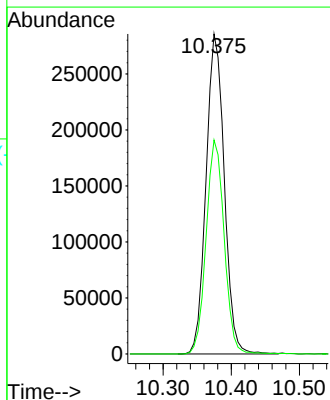
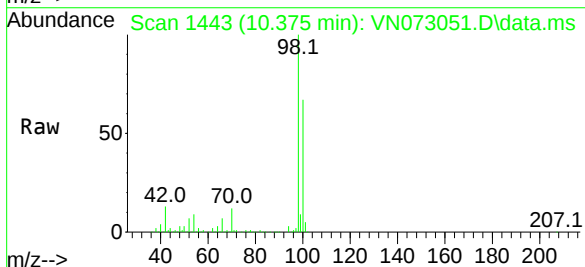
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

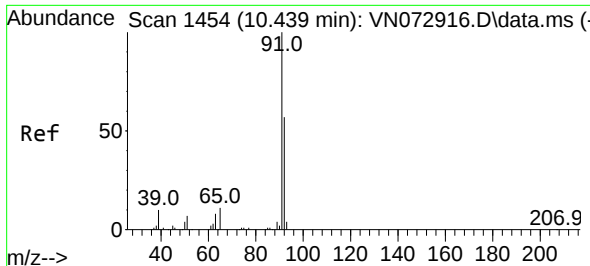
Tgt Ion: 78 Resp: 190946
Ion Ratio Lower Upper
78 100
77 22.4 19.4 29.0



#50
Toluene-d8
Concen: 44.636 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion: 98 Resp: 530977
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

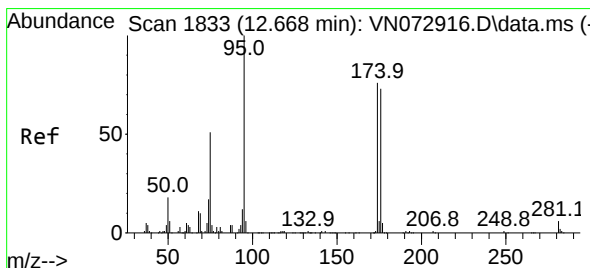
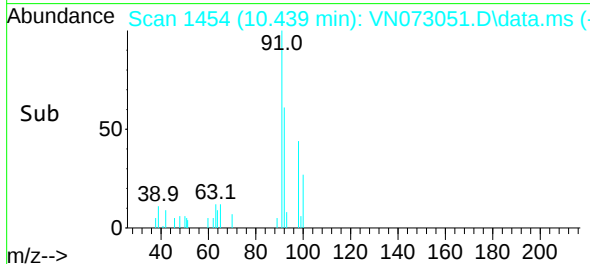
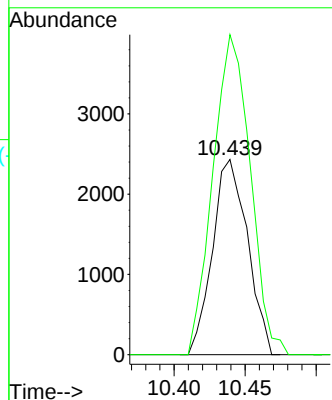
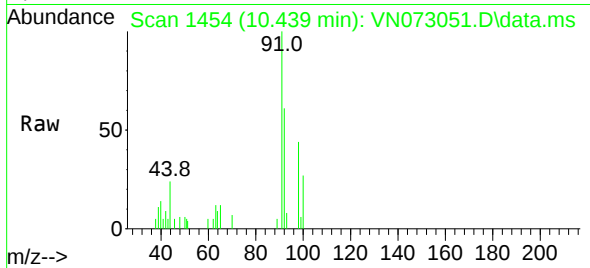




#52
Toluene
Concen: 0.500 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

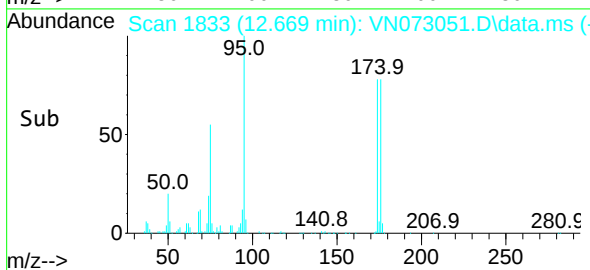
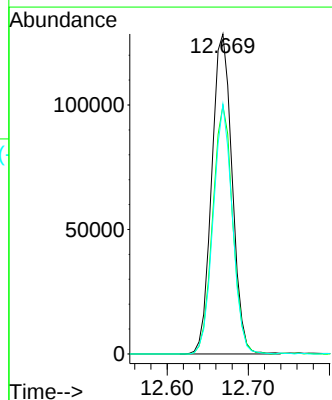
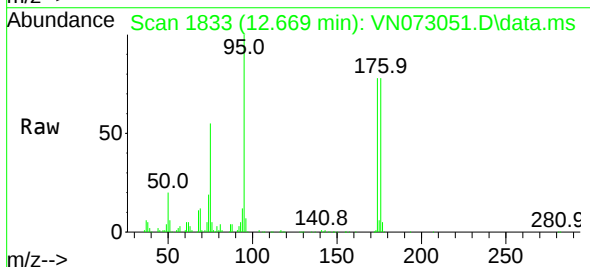
Instrument :
MSVOA_N
ClientSampleId :
MW-24DL

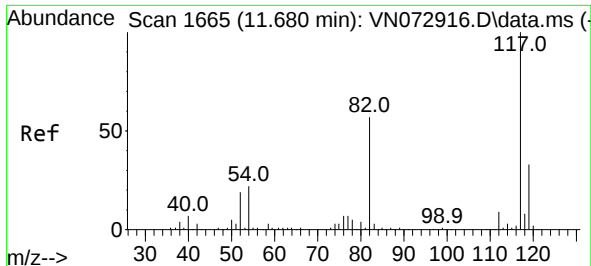
Tgt Ion: 92 Resp: 4171
Ion Ratio Lower Upper
92 100
91 174.9 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 52.425 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion: 95 Resp: 224249
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 73.2 0.0 163.4

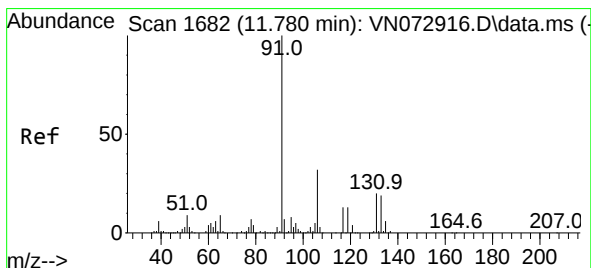
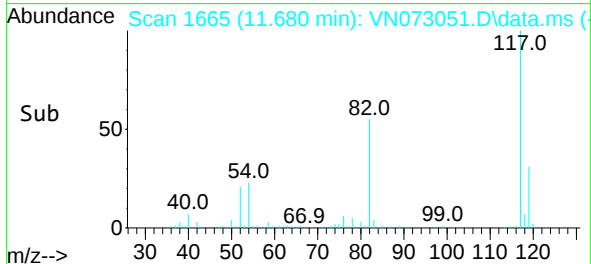
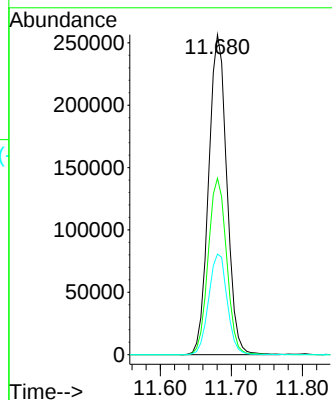
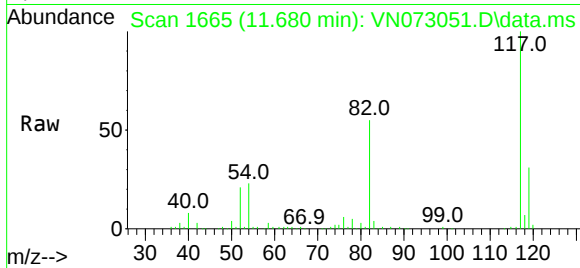




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

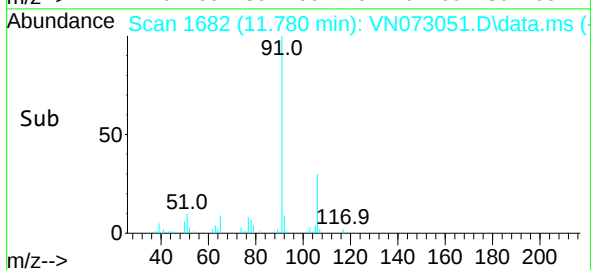
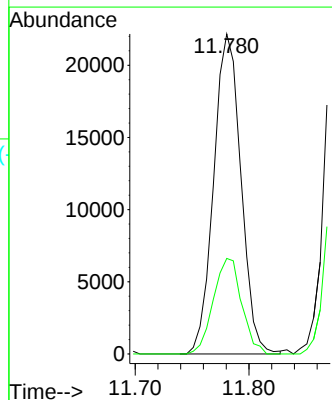
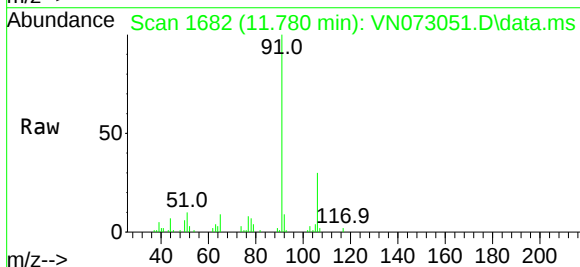
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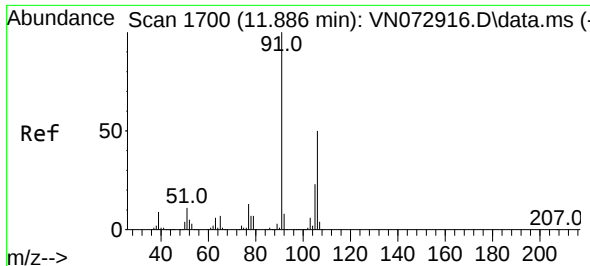
Tgt Ion:117 Resp: 456519
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 31.5 25.4 38.0



#67
Ethyl Benzene
Concen: 2.356 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion: 91 Resp: 36973
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

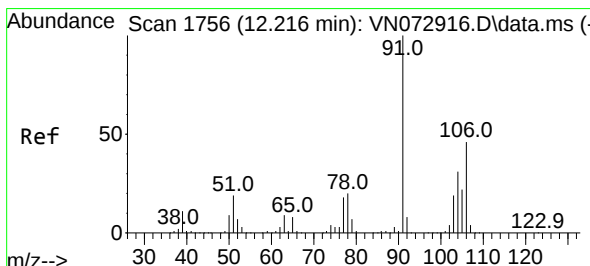
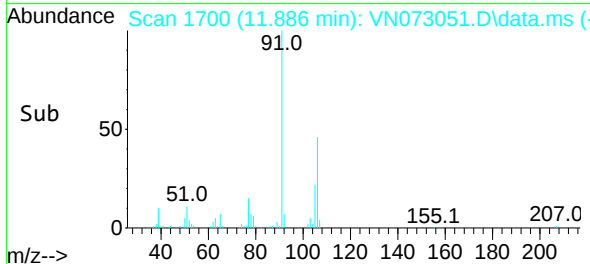
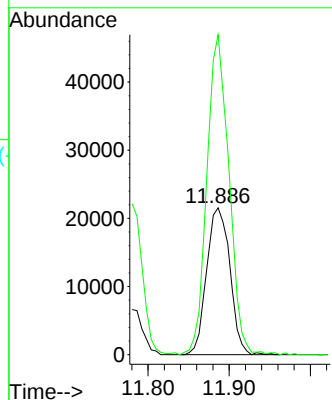
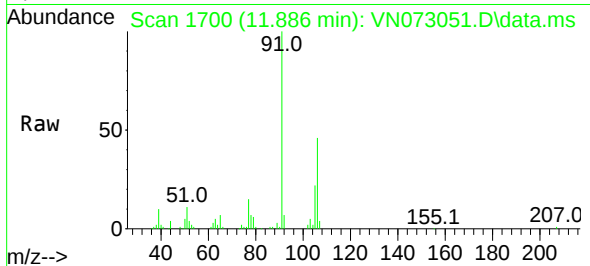




#68
m/p-Xylenes
Concen: 6.977 ug/l
RT: 11.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

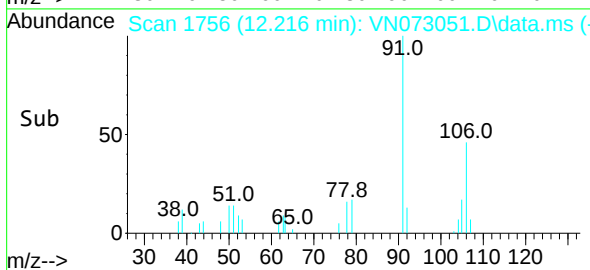
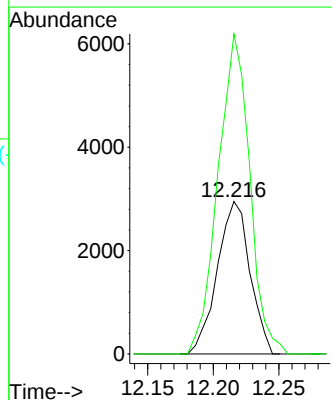
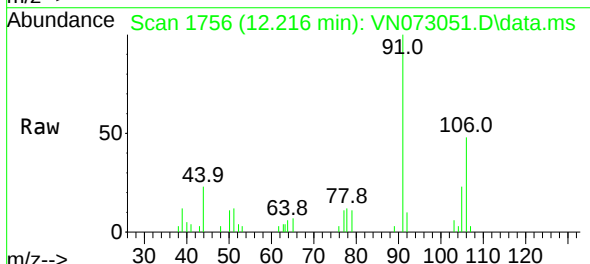
Instrument :
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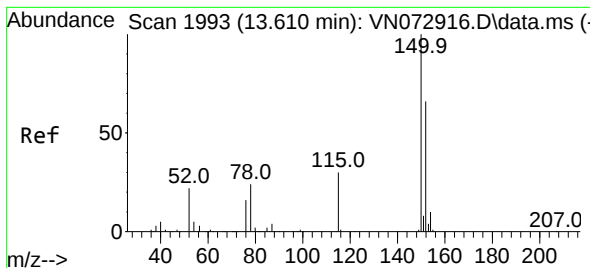
Tgt Ion:106 Resp: 42949
Ion Ratio Lower Upper
106 100
91 206.7 158.9 238.3



#69
o-Xylene
Concen: 0.832 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073051.D
Acq: 23 Jun 2022 16:16

Tgt Ion:106 Resp: 5115
Ion Ratio Lower Upper
106 100
91 203.5 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN073051.D

Acq: 23 Jun 2022 16:16

Instrument :

MSVOA_N

ClientSampleId :

MW-24DL

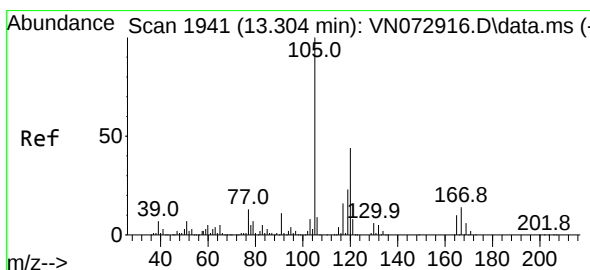
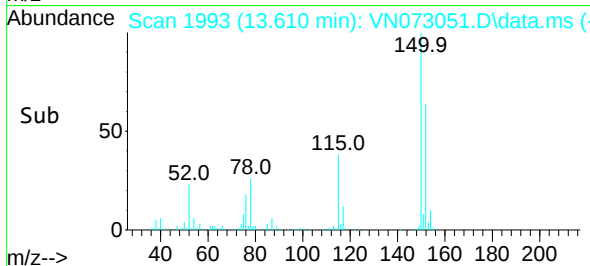
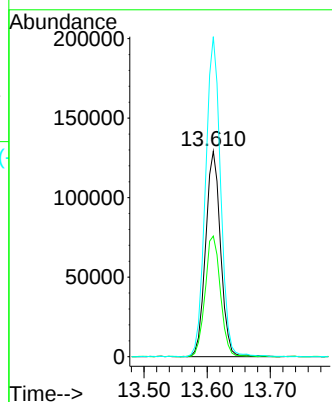
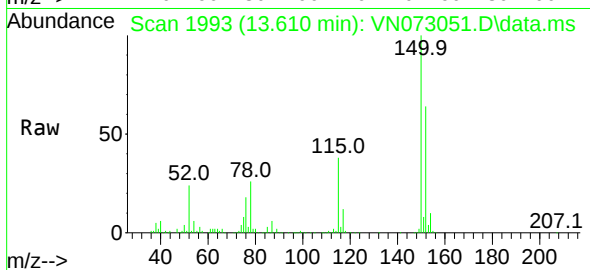
Tgt Ion:152 Resp: 211829

Ion Ratio Lower Upper

152 100

115 60.3 28.9 86.7

150 157.4 0.0 356.2



#84

1,2,4-Trimethylbenzene

Concen: 0.453 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN073051.D

Acq: 23 Jun 2022 16:16

Tgt Ion:105 Resp: 6076

Ion Ratio Lower Upper

105 100

120 41.5 23.3 69.8

