

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071579.D
 Acq On : 26 Mar 2022 17:50
 Operator : JC\MD
 Sample : N2131-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Mar 28 02:19:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

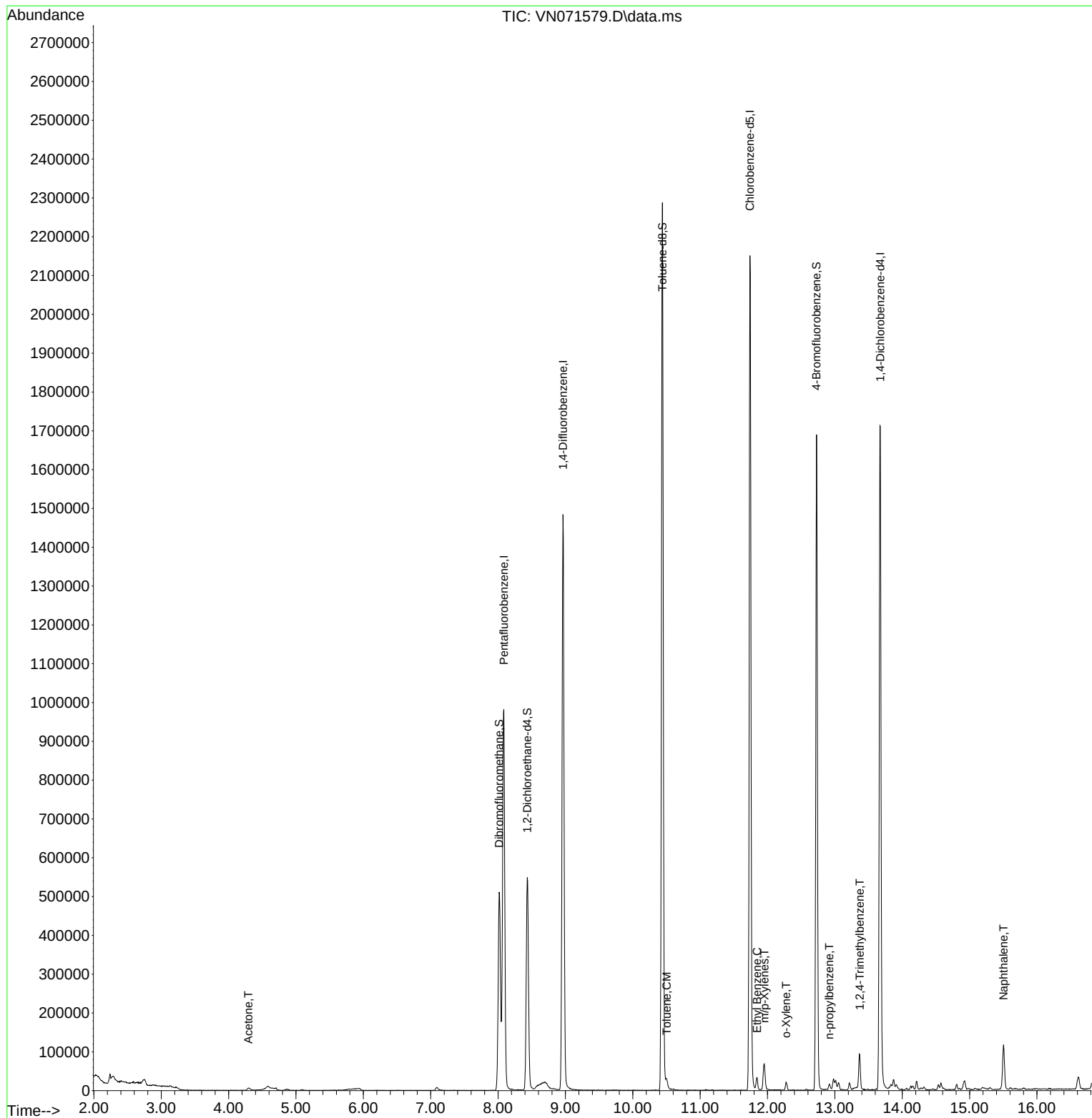
Internal Standards						
1) Pentafluorobenzene	8.087	168	807968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1361509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1349363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	518436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	468153	46.637	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.280%
35) Dibromofluoromethane	8.016	113	385284	45.027	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.060%
50) Toluene-d8	10.439	98	1673836	48.498	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.000%
62) 4-Bromofluorobenzene	12.727	95	569552	50.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.720%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	8953	2.176	ug/l #	85
52) Toluene	10.504	92	8103	0.337	ug/l	95
67) Ethyl Benzene	11.845	91	25223	0.513	ug/l	100
68) m/p-Xylenes	11.957	106	25298	1.345	ug/l	96
69) o-Xylene	12.275	106	5815	0.311	ug/l	80
78) n-propylbenzene	12.916	91	11453	0.236	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	55479	1.593	ug/l	97
95) Naphthalene	15.504	128	116409	7.343	ug/l	99

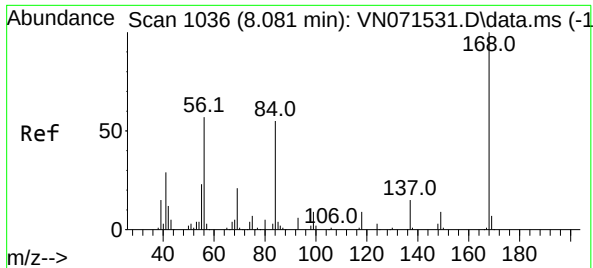
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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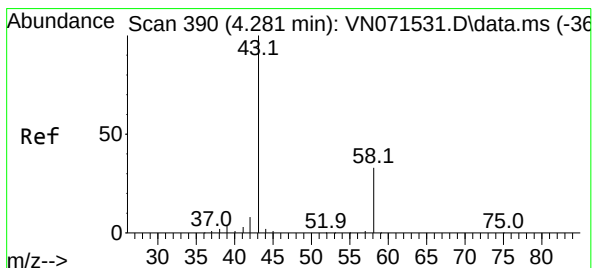
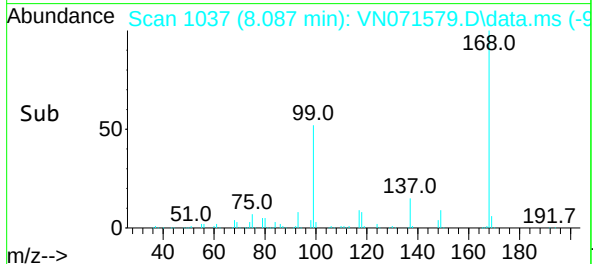
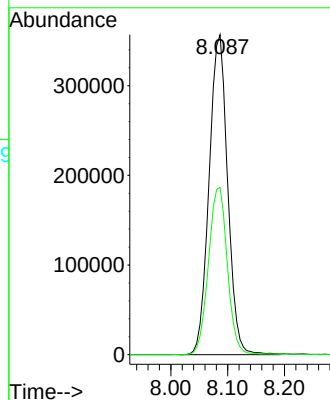
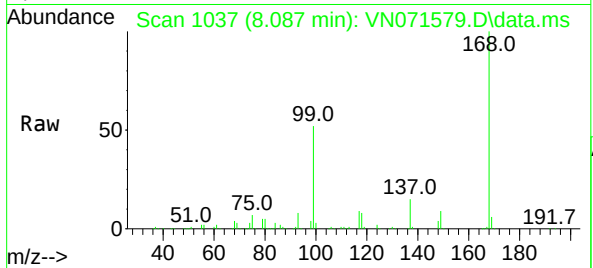




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071579.D
Acq: 26 Mar 2022 17:50

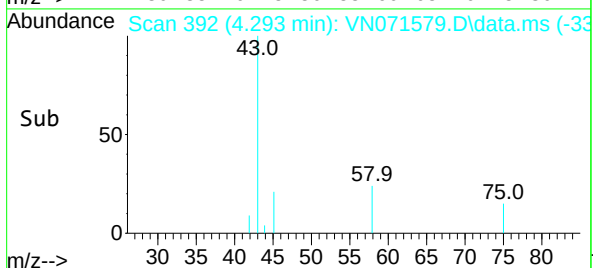
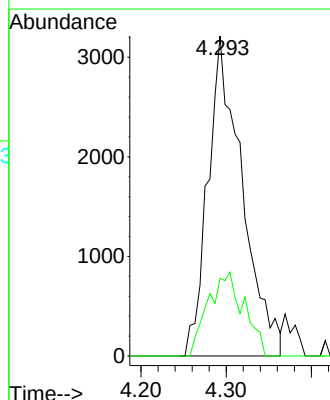
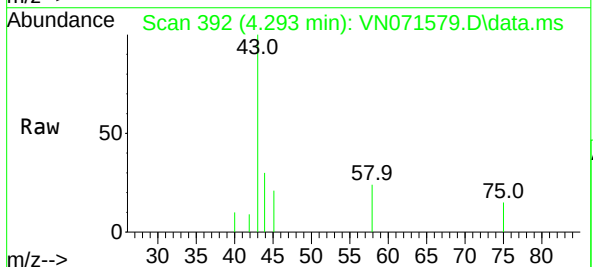
Instrument :
MSVOA_N
ClientSampleId :
MW-3

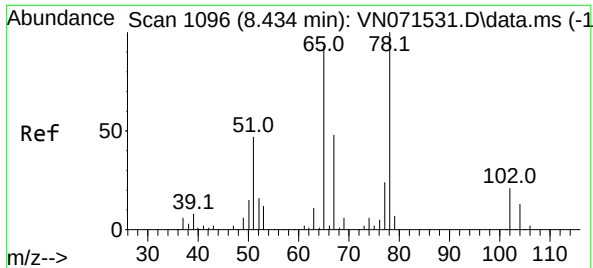
Tgt Ion:168 Resp: 807968
Ion Ratio Lower Upper
168 100
99 52.3 42.3 63.5



#16
Acetone
Concen: 2.176 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN071579.D
Acq: 26 Mar 2022 17:50

Tgt Ion: 43 Resp: 8953
Ion Ratio Lower Upper
43 100
58 24.2 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 46.637 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN071579.D

Acq: 26 Mar 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

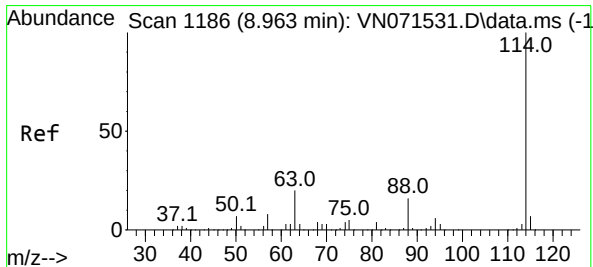
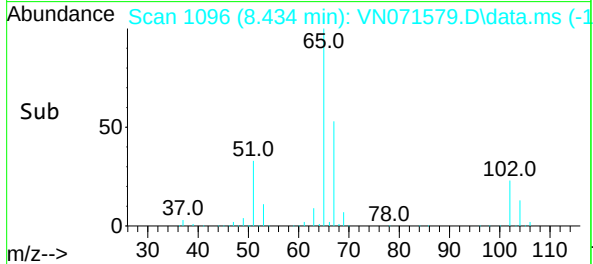
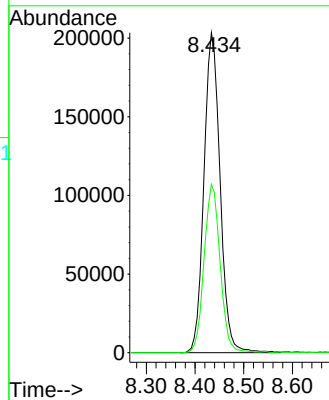
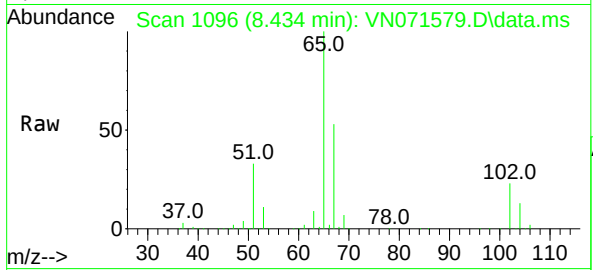
MW-3

Tgt Ion: 65 Resp: 468153

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071579.D

Acq: 26 Mar 2022 17:50

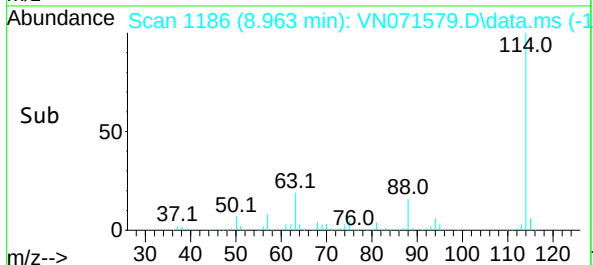
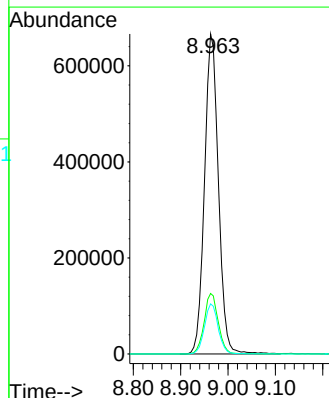
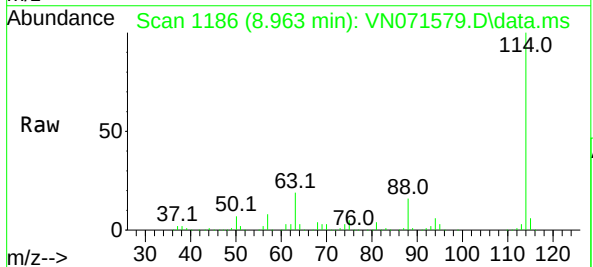
Tgt Ion: 114 Resp: 1361509

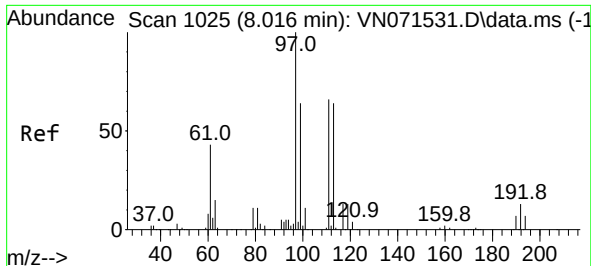
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.027 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN071579.D

Acq: 26 Mar 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

MW-3

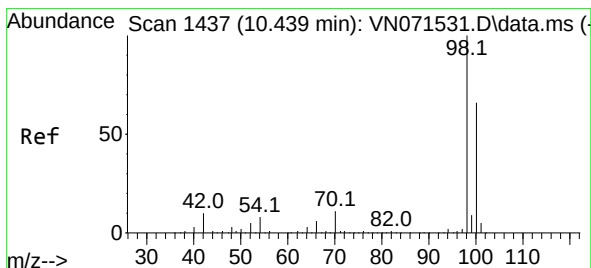
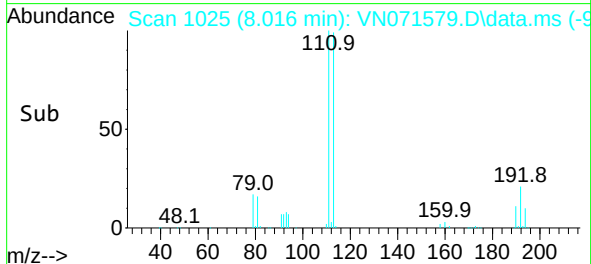
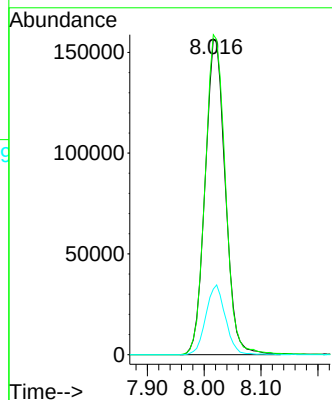
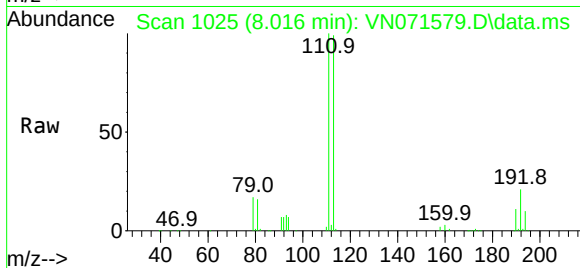
Tgt Ion:113 Resp: 385284

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 21.4 17.0 25.6



#50

Toluene-d8

Concen: 48.498 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN071579.D

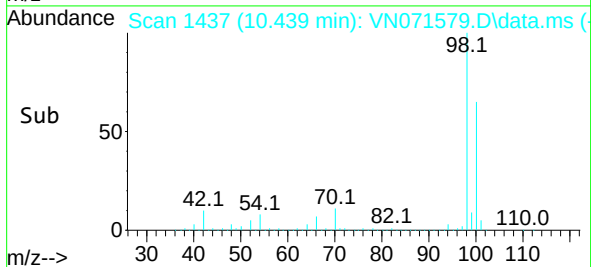
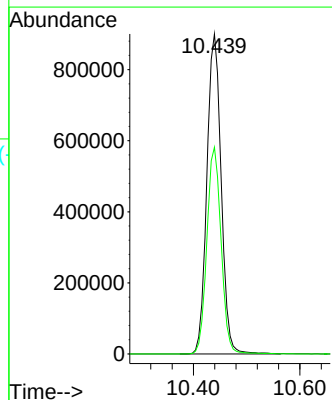
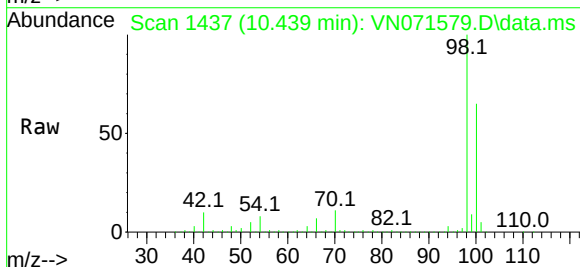
Acq: 26 Mar 2022 17:50

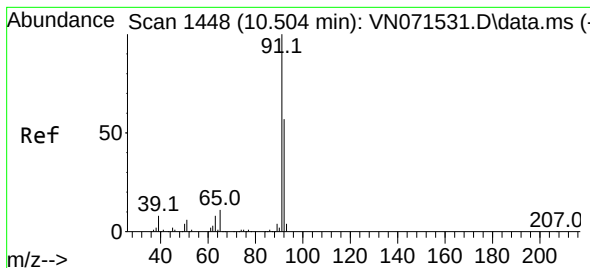
Tgt Ion: 98 Resp: 1673836

Ion Ratio Lower Upper

98 100

100 64.4 52.6 78.8





#52

Toluene

Concen: 0.337 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN071579.D

Acq: 26 Mar 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

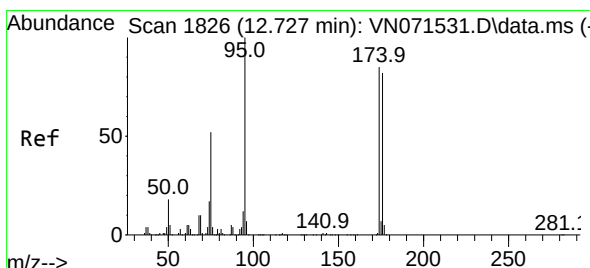
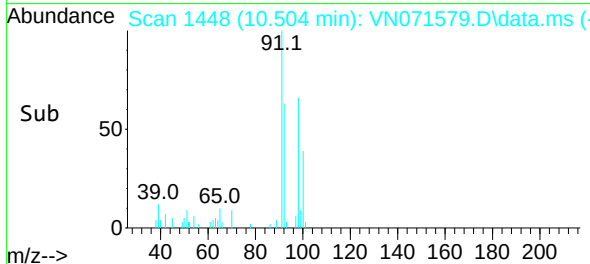
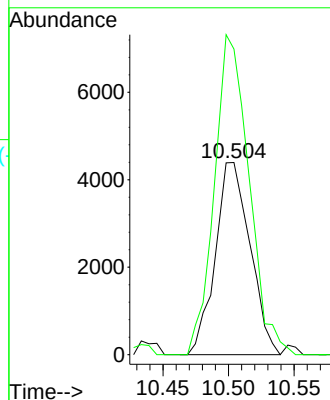
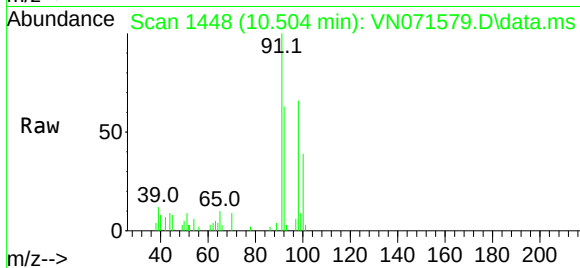
MW-3

Tgt Ion: 92 Resp: 8103

Ion Ratio Lower Upper

92 100

91 165.6 138.6 207.8



#62

4-Bromofluorobenzene

Concen: 50.364 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN071579.D

Acq: 26 Mar 2022 17:50

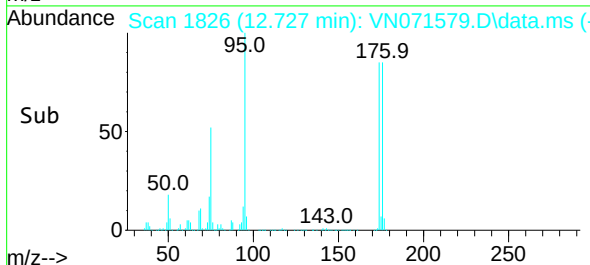
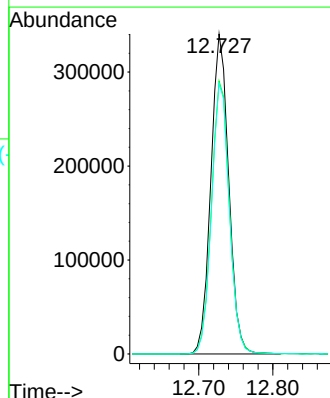
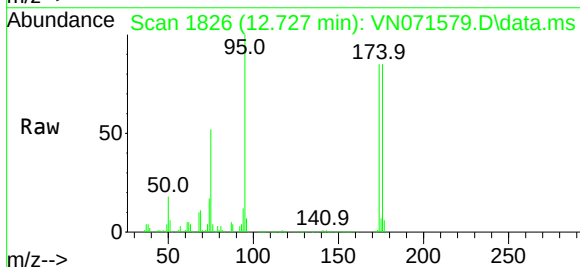
Tgt Ion: 95 Resp: 569552

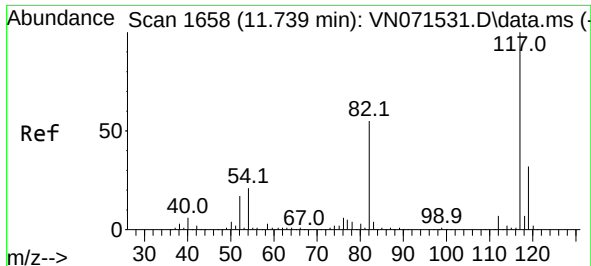
Ion Ratio Lower Upper

95 100

174 85.6 0.0 167.6

176 84.0 0.0 163.4

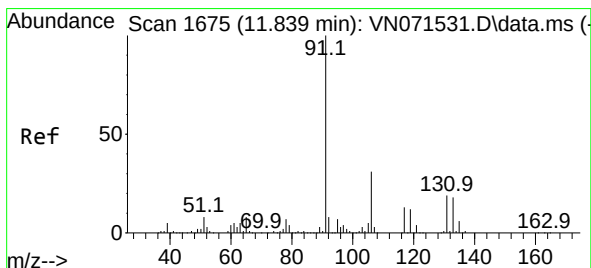
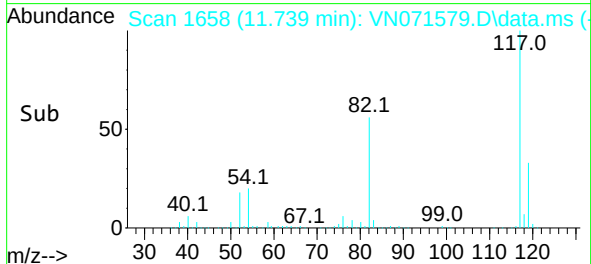
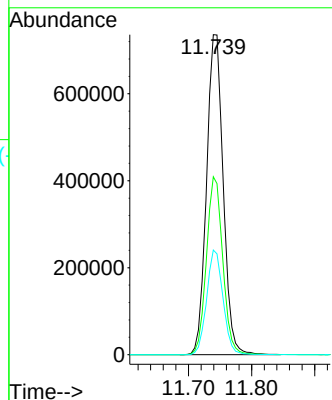
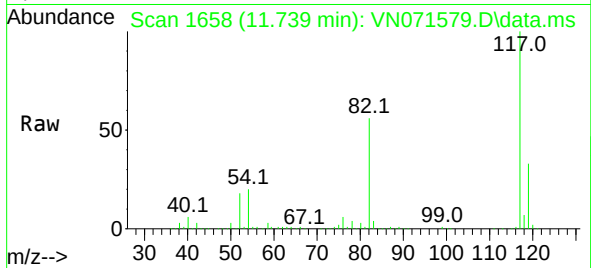




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071579.D
Acq: 26 Mar 2022 17:50

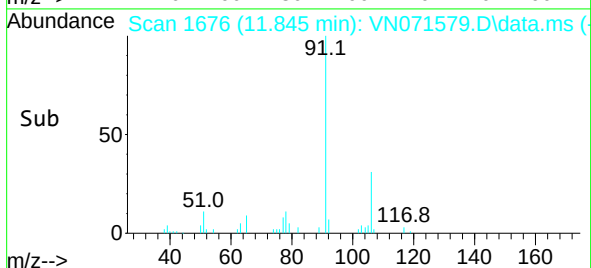
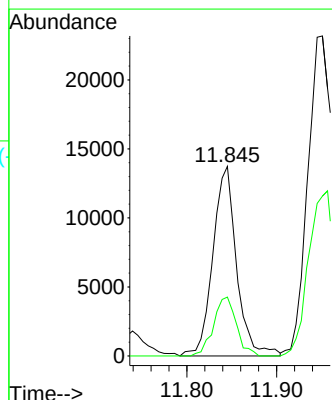
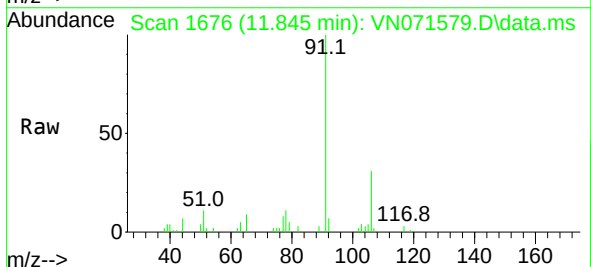
Instrument :
MSVOA_N
ClientSampleId :
MW-3

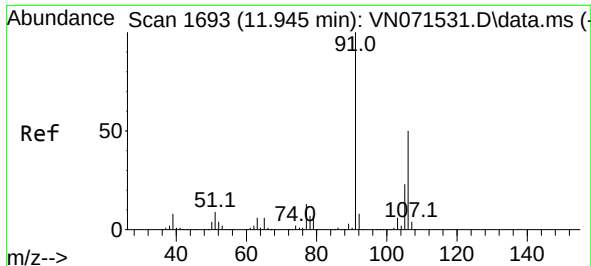
Tgt Ion:117 Resp: 1349363
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.7 25.4 38.0



#67
Ethyl Benzene
Concen: 0.513 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN071579.D
Acq: 26 Mar 2022 17:50

Tgt Ion: 91 Resp: 25223
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

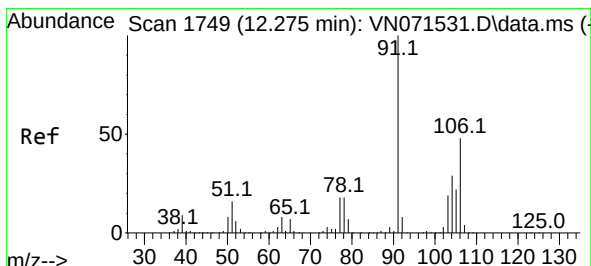
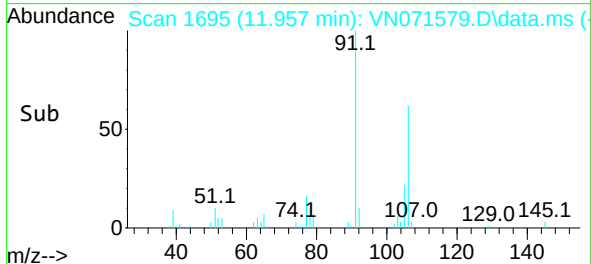
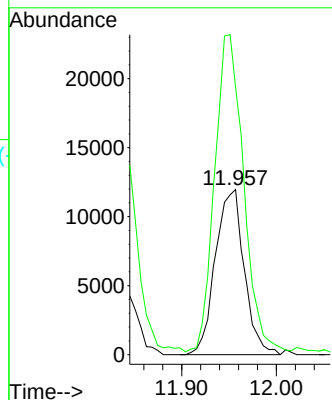
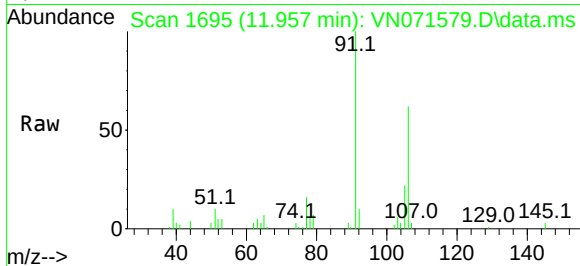




#68
m/p-Xylenes
Concen: 1.345 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.012 min
Lab File: VN071579.D
Acq: 26 Mar 2022 17:50

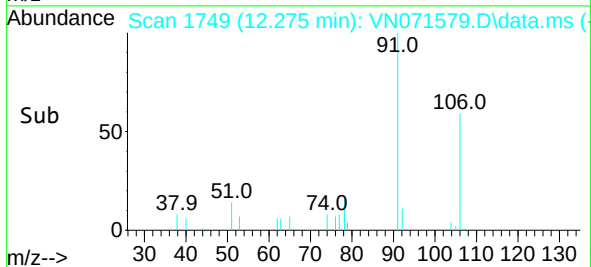
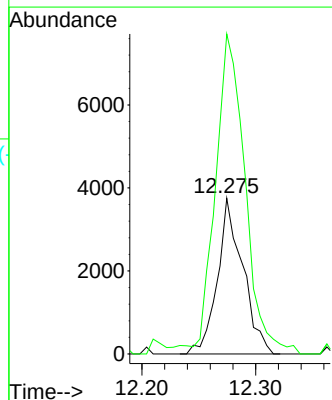
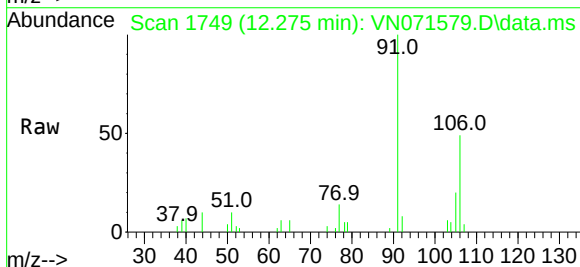
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ClientSampleId :
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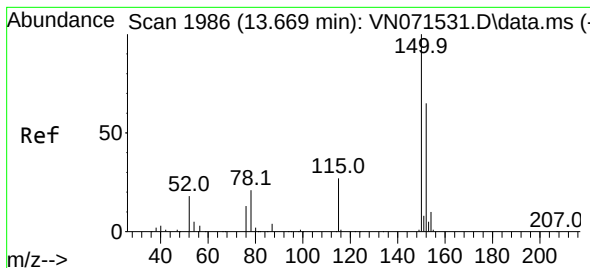
Tgt Ion:106 Resp: 25298
Ion Ratio Lower Upper
106 100
91 192.2 158.9 238.3



#69
o-Xylene
Concen: 0.311 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071579.D
Acq: 26 Mar 2022 17:50

Tgt Ion:106 Resp: 5815
Ion Ratio Lower Upper
106 100
91 242.8 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1986

Delta R.T. 0.006 min

Lab File: VN071579.D

Acq: 26 Mar 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

MW-3

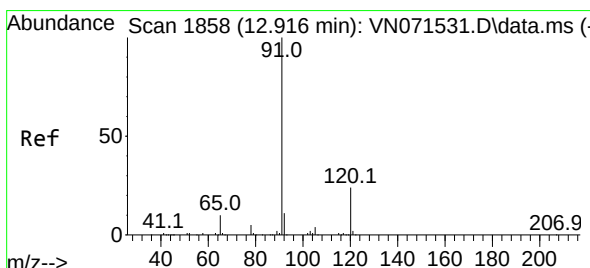
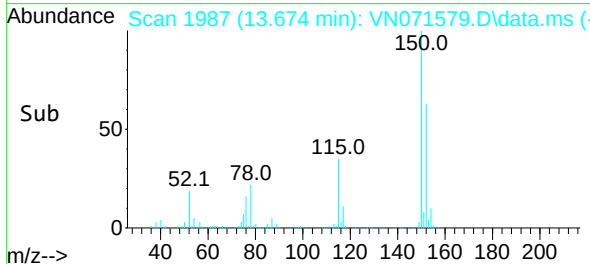
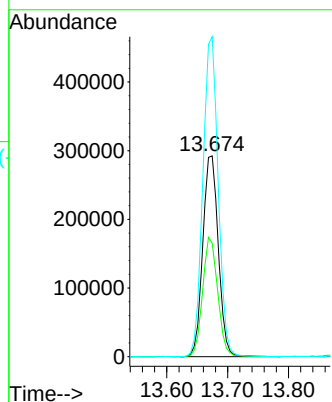
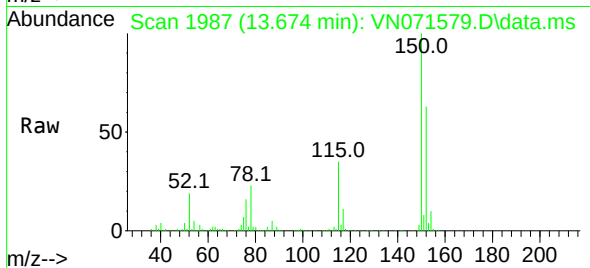
Tgt Ion:152 Resp: 518436

Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.7

150 156.6 0.0 356.2



#78

n-propylbenzene

Concen: 0.236 ug/l

RT: 12.916 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN071579.D

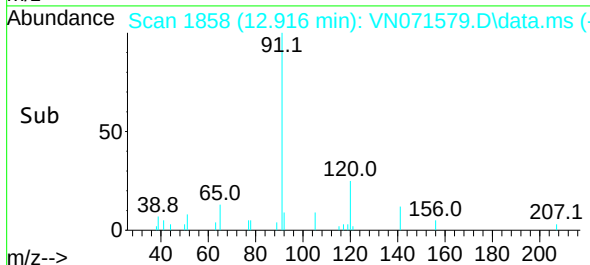
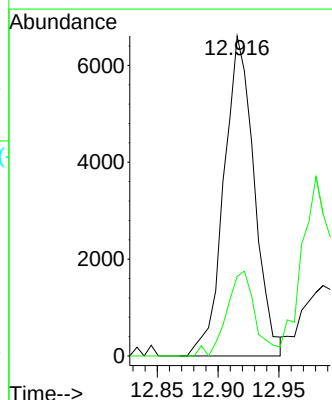
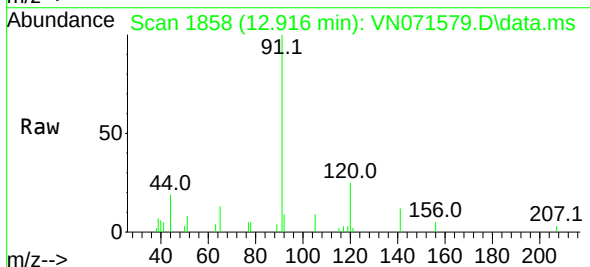
Acq: 26 Mar 2022 17:50

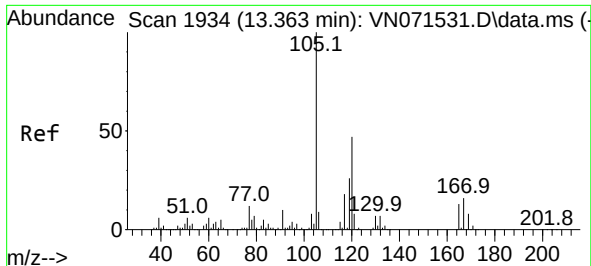
Tgt Ion: 91 Resp: 11453

Ion Ratio Lower Upper

91 100

120 25.0 11.9 35.5

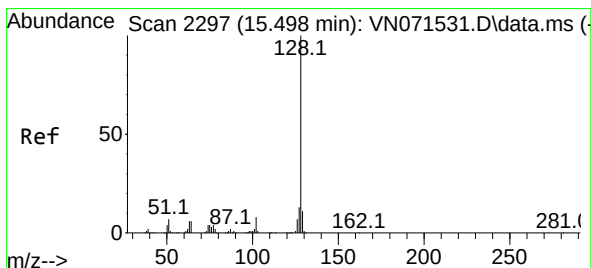
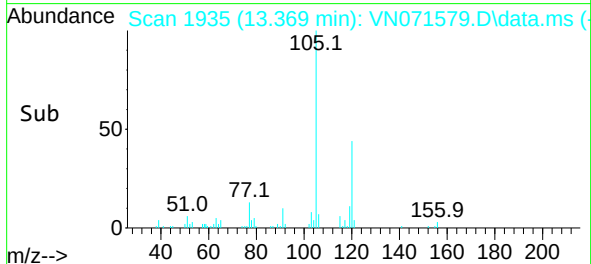
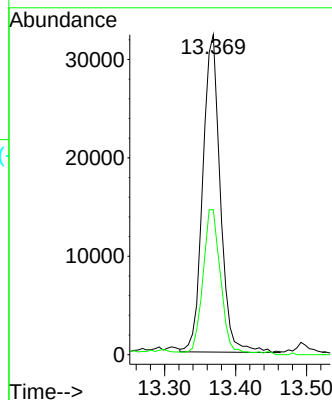
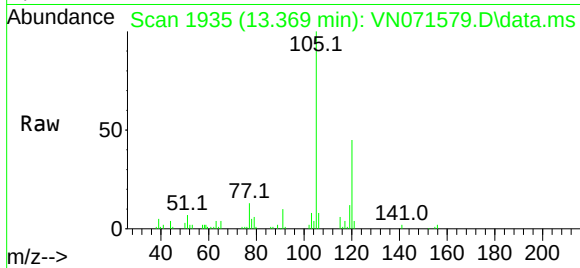




#84
1,2,4-Trimethylbenzene
Concen: 1.593 ug/l
RT: 13.369 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VN071579.D
Acq: 26 Mar 2022 17:50

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion:105 Resp: 55479
Ion Ratio Lower Upper
105 100
120 44.2 23.3 69.8



#95
Naphthalene
Concen: 7.343 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071579.D
Acq: 26 Mar 2022 17:50

Tgt Ion:128 Resp: 116409
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.2 8.6 13.0

