

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072137.D
 Acq On : 21 Apr 2022 19:57
 Operator : JC\MD
 Sample : N2481-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1R

Quant Time: Apr 22 01:26:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

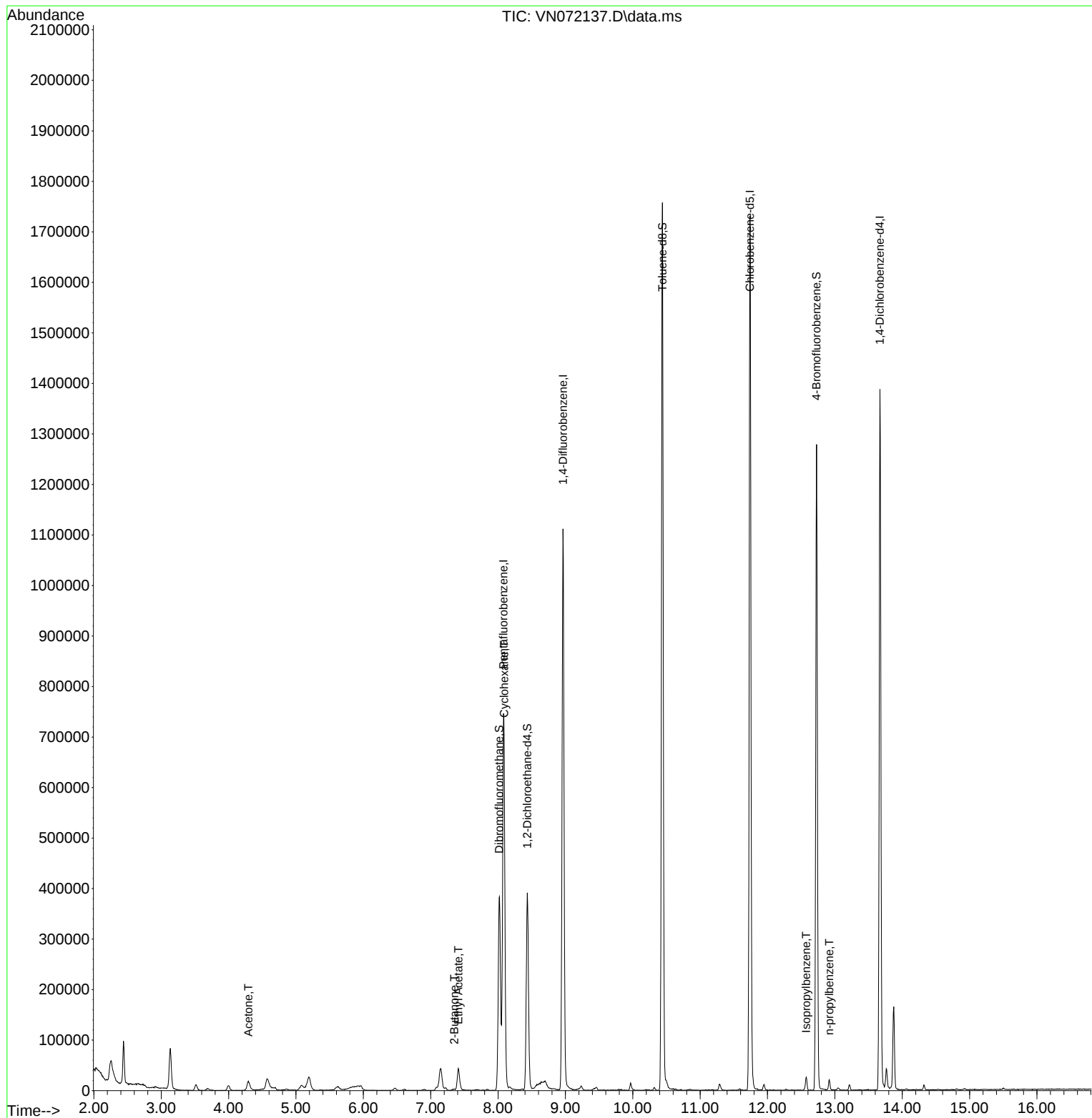
Internal Standards						
1) Pentafluorobenzene	8.081	168	596927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1031341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1105908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	424318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	320834	47.080	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.160%
35) Dibromofluoromethane	8.016	113	290955	47.942	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.880%
50) Toluene-d8	10.439	98	1302735	52.474	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.940%
62) 4-Bromofluorobenzene	12.727	95	451684	56.255	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.520%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	30051	10.319	ug/l	99
25) 2-Butanone	7.351	43	3650	0.869	ug/l	98
31) Cyclohexane	8.092	56	37807	4.080	ug/l #	73
37) Ethyl Acetate	7.410	43	63355	6.830	ug/l	96
73) Isopropylbenzene	12.574	105	17171	0.480	ug/l	100
78) n-propylbenzene	12.916	91	16429	0.437	ug/l	95

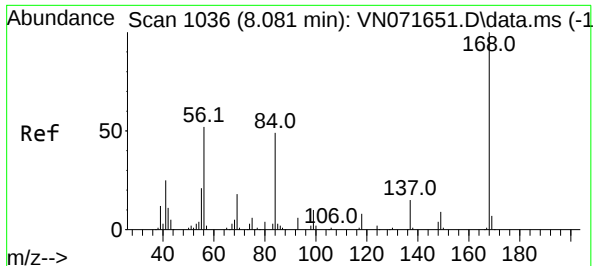
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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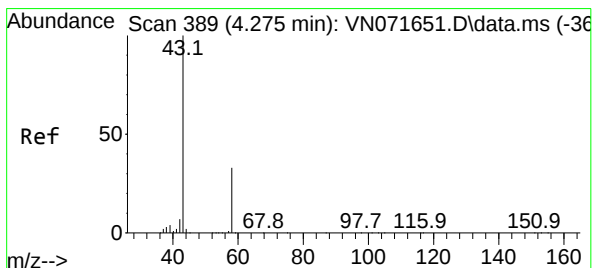
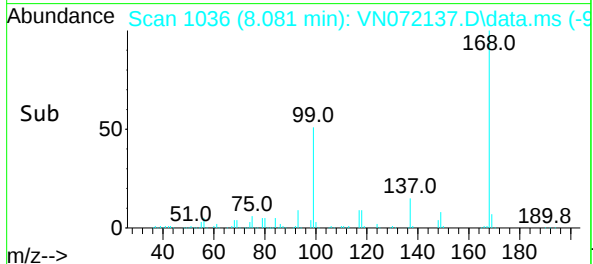
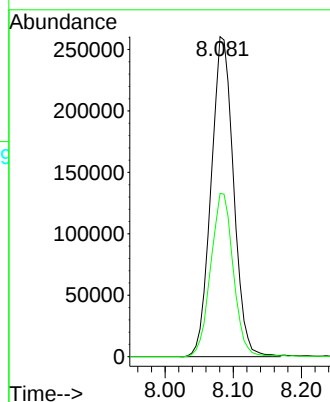
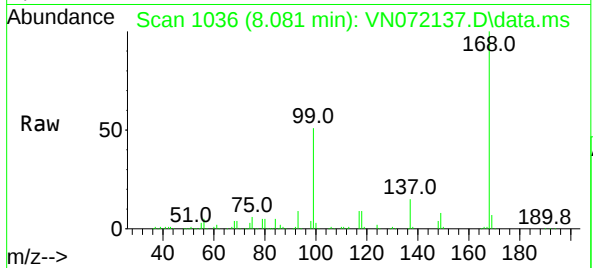




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN072137.D
Acq: 21 Apr 2022 19:57

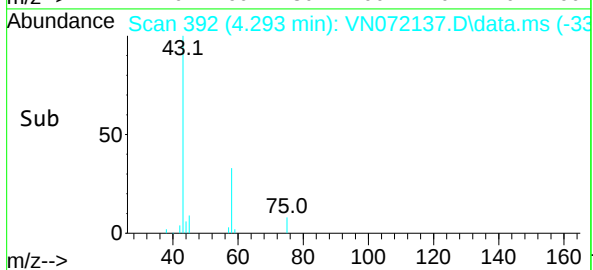
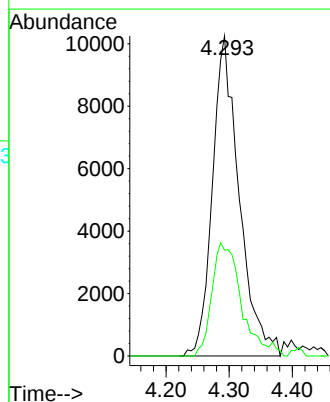
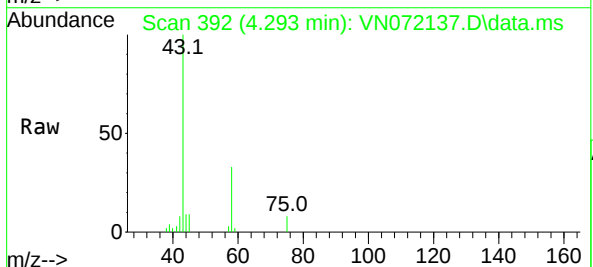
Instrument :
MSVOA_N
ClientSampleId :
MW-1R

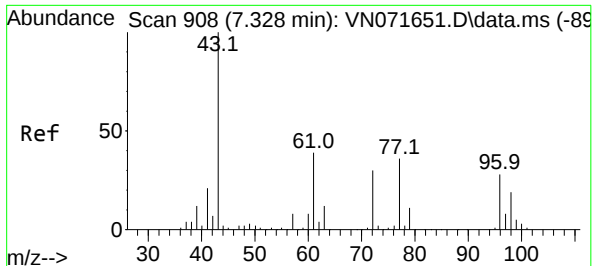
Tgt Ion:168 Resp: 596927
Ion Ratio Lower Upper
168 100
99 51.0 42.3 63.5



#16
Acetone
Concen: 10.319 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN072137.D
Acq: 21 Apr 2022 19:57

Tgt Ion: 43 Resp: 30051
Ion Ratio Lower Upper
43 100
58 33.1 26.0 39.0





#25

2-Butanone

Concen: 0.869 ug/l

RT: 7.351 min Scan# 91

Delta R.T. 0.023 min

Lab File: VN072137.D

Acq: 21 Apr 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

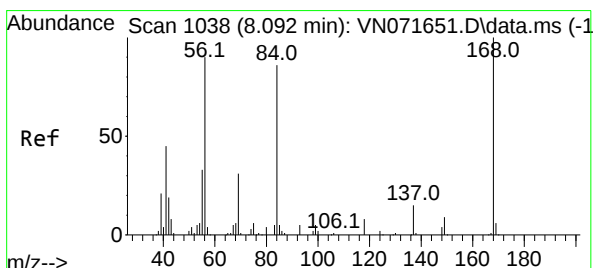
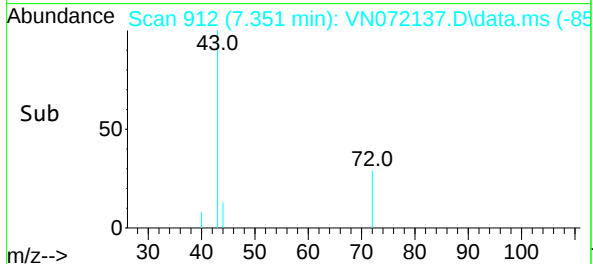
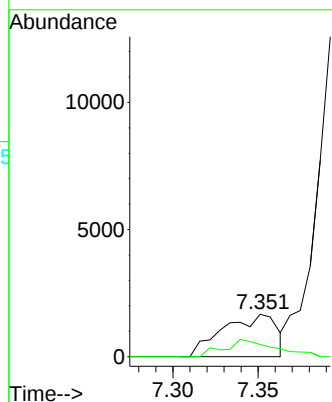
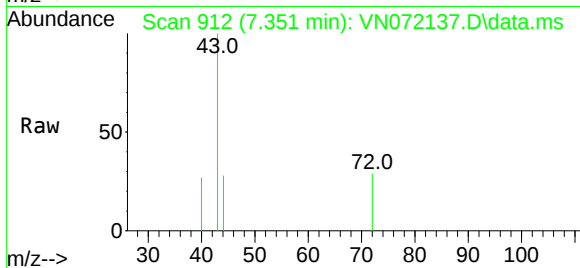
MW-1R

Tgt Ion: 43 Resp: 3650

Ion Ratio Lower Upper

43 100

72 28.6 23.7 35.5



#31

Cyclohexane

Concen: 4.080 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072137.D

Acq: 21 Apr 2022 19:57

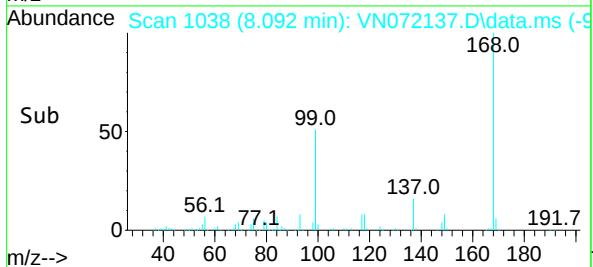
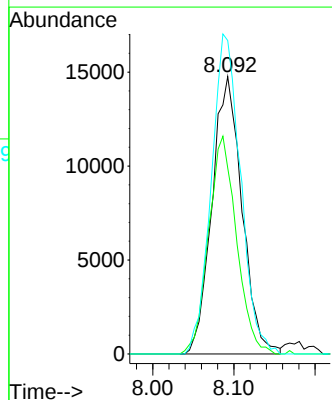
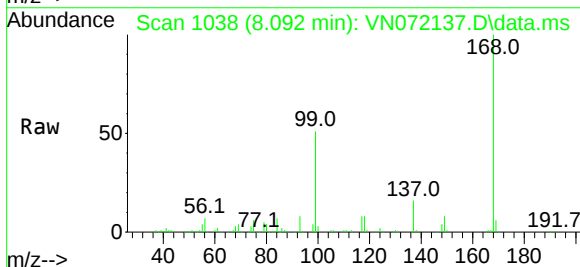
Tgt Ion: 56 Resp: 37807

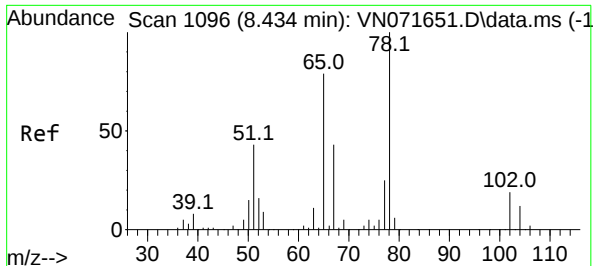
Ion Ratio Lower Upper

56 100

69 67.1 27.8 41.8#

84 112.9 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 47.080 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072137.D

Acq: 21 Apr 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

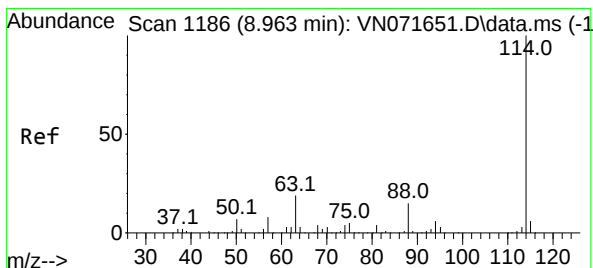
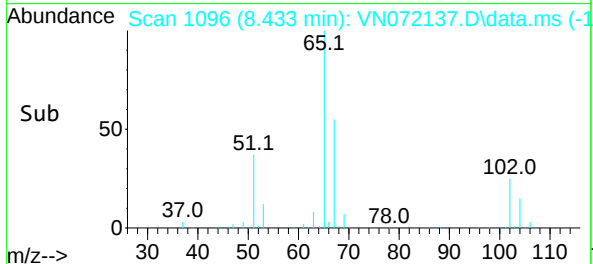
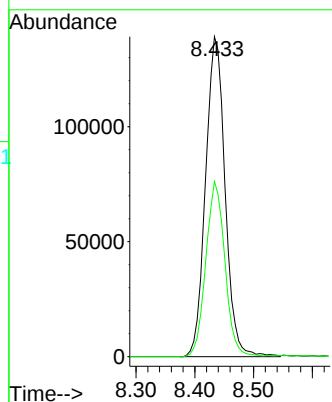
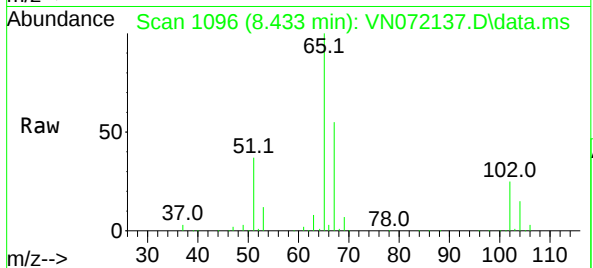
MW-1R

Tgt Ion: 65 Resp: 320834

Ion Ratio Lower Upper

65 100

67 53.6 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: VN072137.D

Acq: 21 Apr 2022 19:57

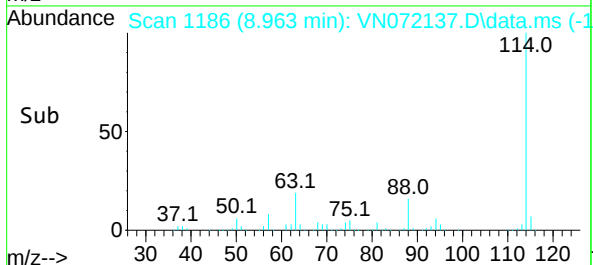
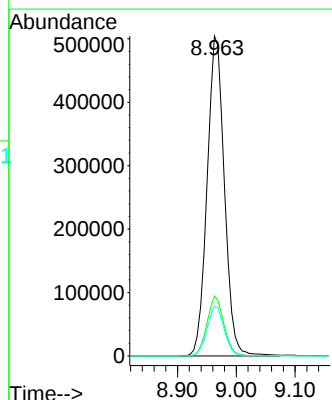
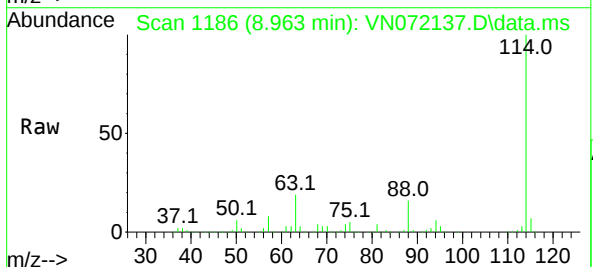
Tgt Ion: 114 Resp: 1031341

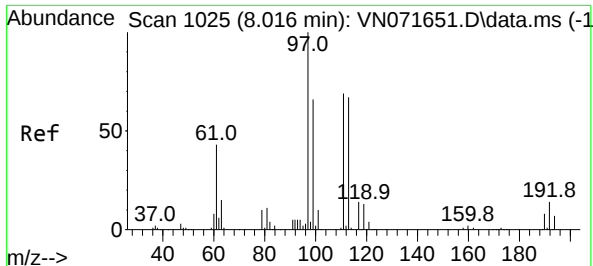
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.942 ug/l

RT: 8.016 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN072137.D

Acq: 21 Apr 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

MW-1R

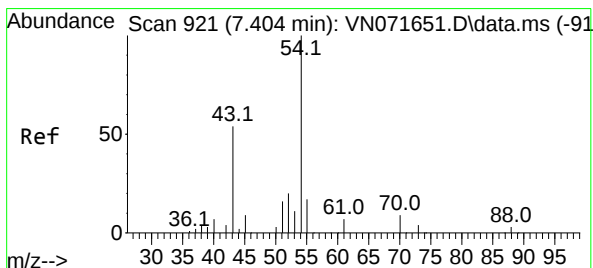
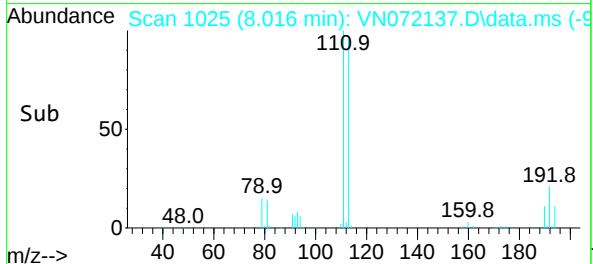
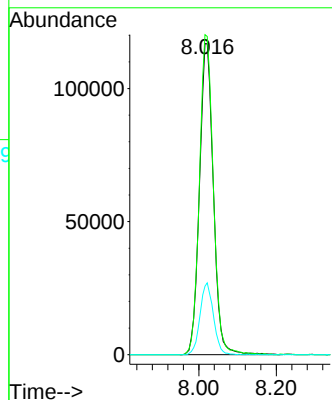
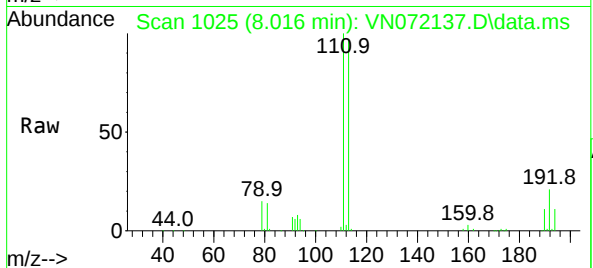
Tgt Ion:113 Resp: 290955

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 22.2 17.0 25.6



#37

Ethyl Acetate

Concen: 6.830 ug/l

RT: 7.410 min Scan# 922

Delta R.T. 0.006 min

Lab File: VN072137.D

Acq: 21 Apr 2022 19:57

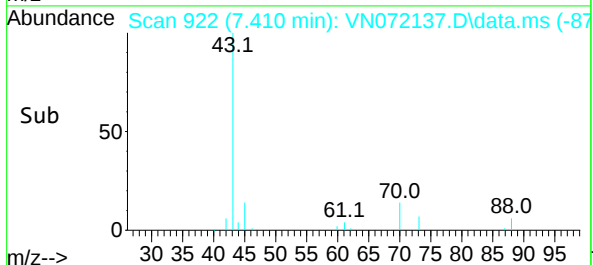
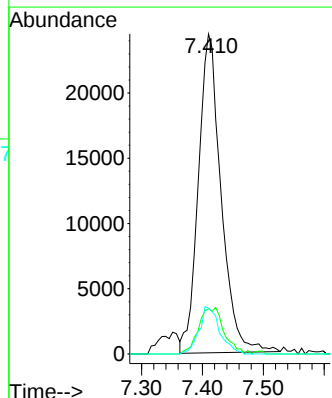
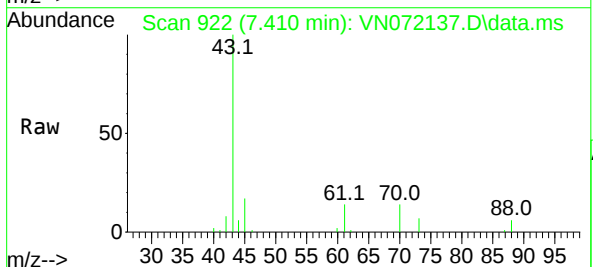
Tgt Ion: 43 Resp: 63355

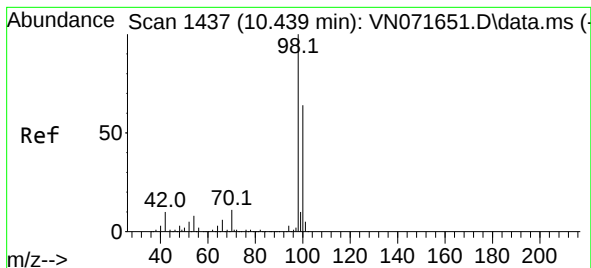
Ion Ratio Lower Upper

43 100

61 16.2 11.8 17.6

70 13.5 9.3 13.9





#50

Toluene-d8

Concen: 52.474 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072137.D

Acq: 21 Apr 2022 19:57

Instrument :

MSVOA_N

ClientSampleId :

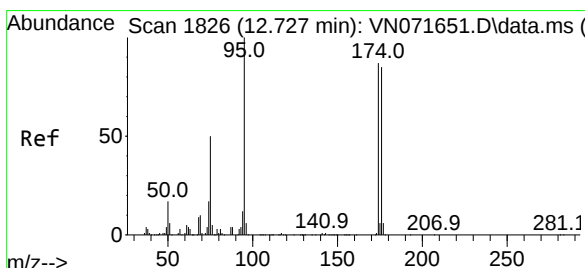
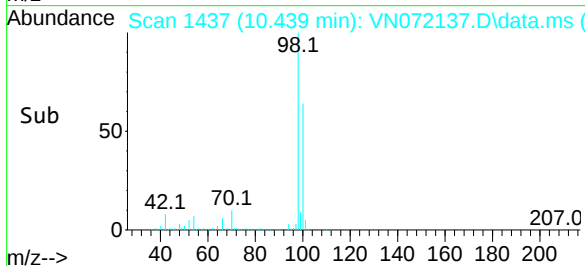
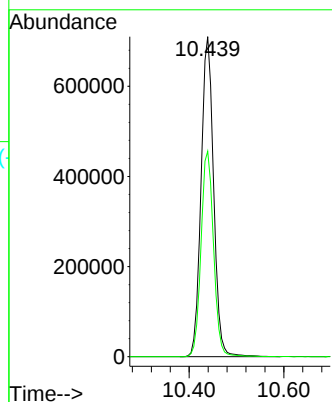
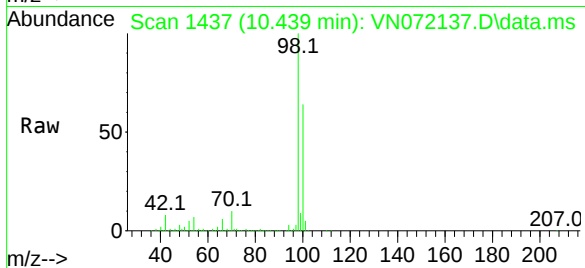
MW-1R

Tgt Ion: 98 Resp: 1302735

Ion Ratio Lower Upper

98 100

100 64.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 56.255 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN072137.D

Acq: 21 Apr 2022 19:57

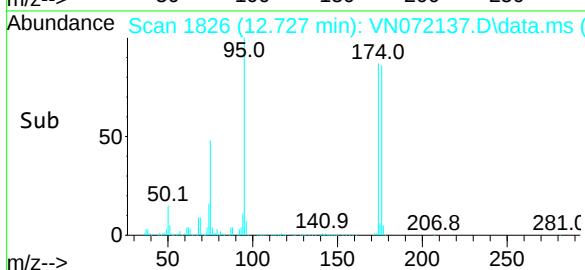
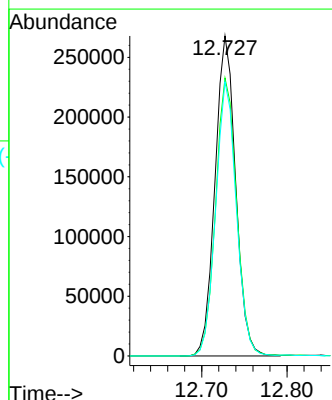
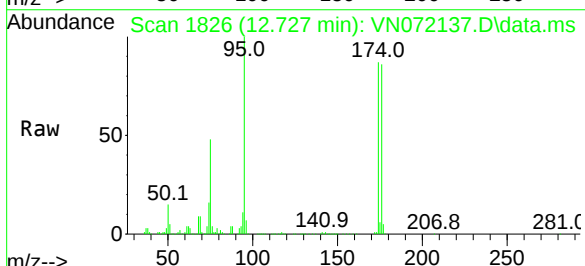
Tgt Ion: 95 Resp: 451684

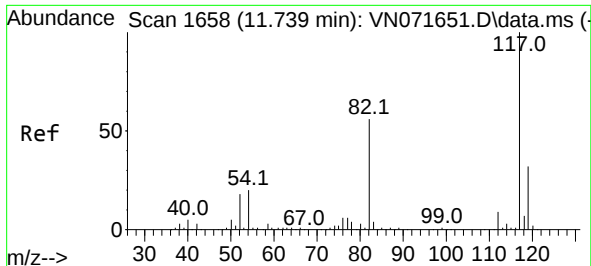
Ion Ratio Lower Upper

95 100

174 88.4 0.0 167.6

176 85.1 0.0 163.4

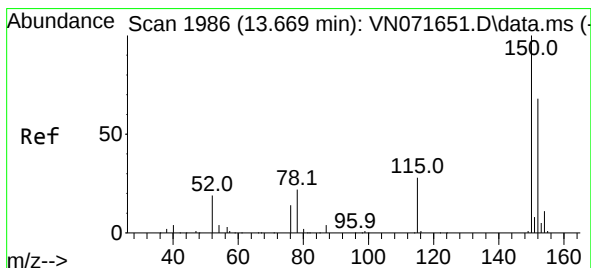
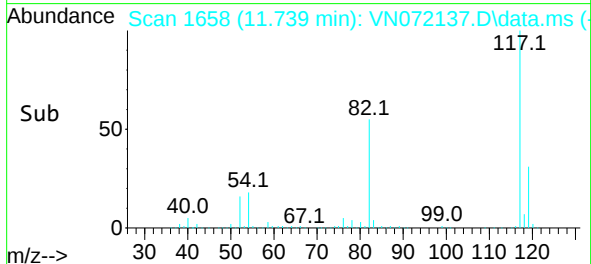
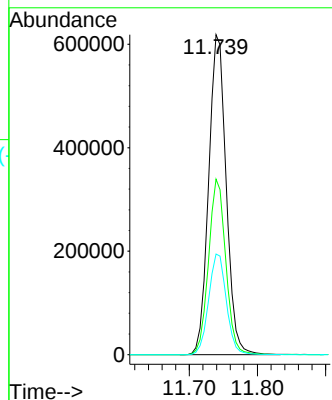
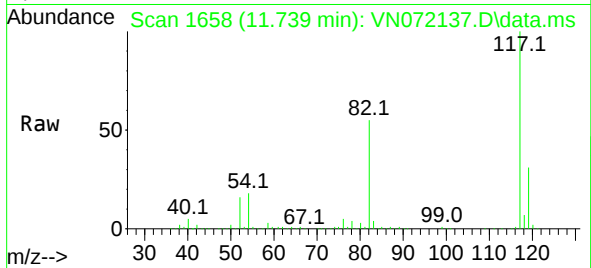




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072137.D
Acq: 21 Apr 2022 19:57

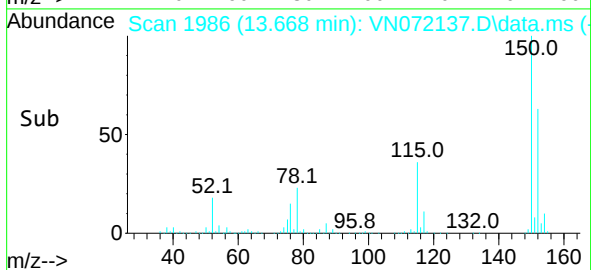
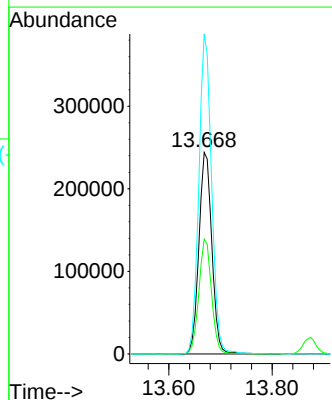
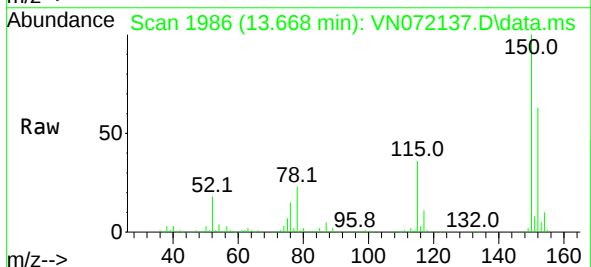
Instrument :
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MW-1R

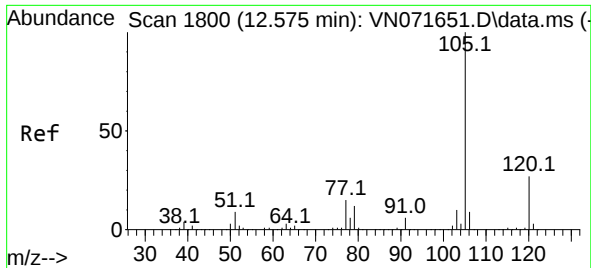
Tgt Ion:117 Resp: 1105908
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072137.D
Acq: 21 Apr 2022 19:57

Tgt Ion:152 Resp: 424318
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 156.0 0.0 356.2

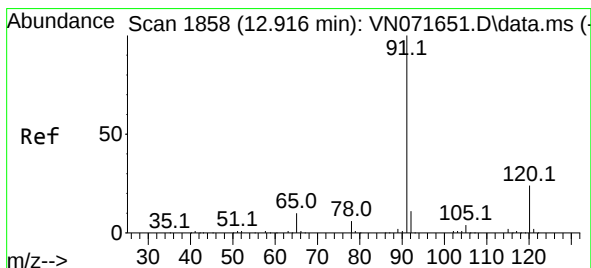
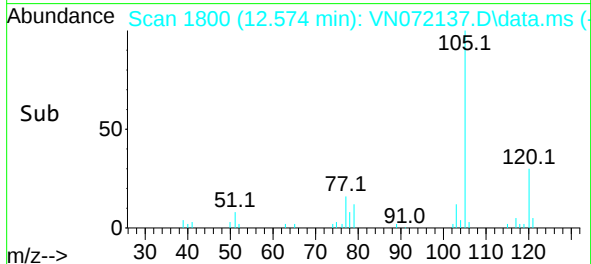
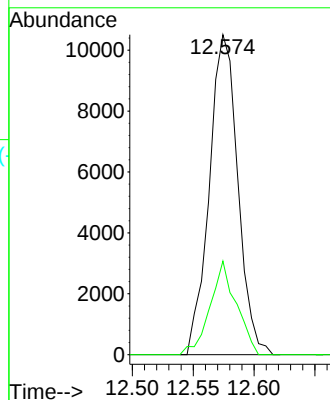
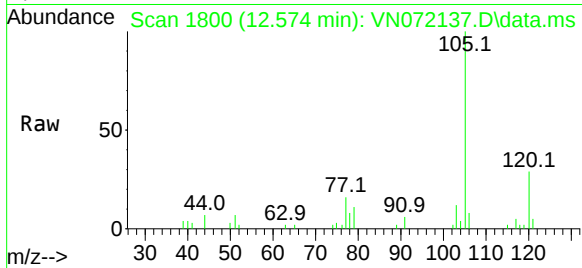




#73
Isopropylbenzene
Concen: 0.480 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072137.D
Acq: 21 Apr 2022 19:57

Instrument :
MSVOA_N
ClientSampleId :
MW-1R

Tgt Ion:105 Resp: 17171
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#78
n-propylbenzene
Concen: 0.437 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072137.D
Acq: 21 Apr 2022 19:57

Tgt Ion: 91 Resp: 16429
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.5

