

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072850.D
 Acq On : 14 Jun 2022 23:27
 Operator : JC\MD
 Sample : PB145494ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB145494ZHE#02

Quant Time: Jun 15 04:36:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 15 04:13:32 2022
 Response via : Initial Calibration

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

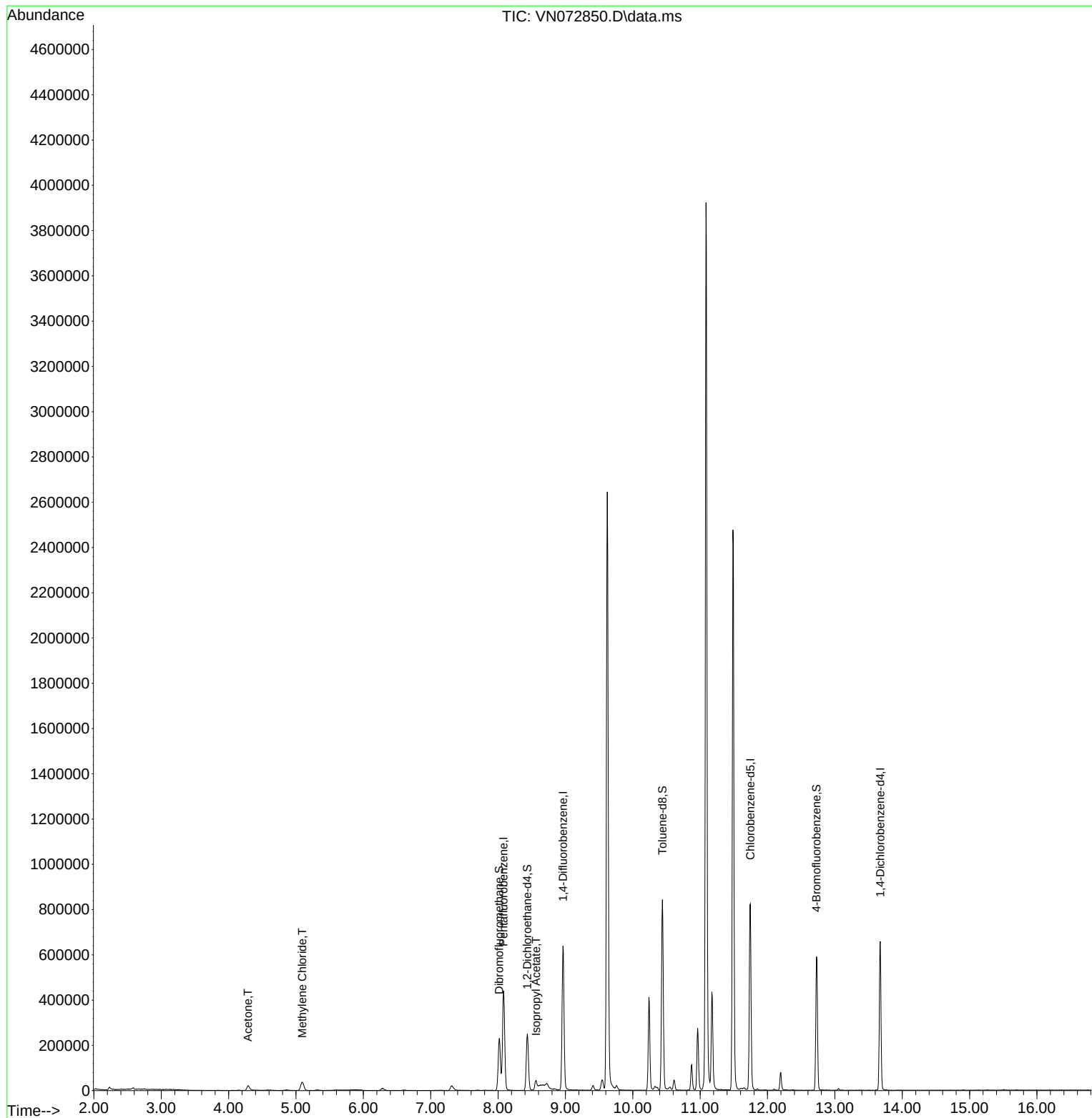
Internal Standards						
1) Pentafluorobenzene	8.081	168	317343	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	538103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	476777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	175984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	206667	42.049	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.100%
35) Dibromofluoromethane	8.016	113	169905	50.999	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.000%
50) Toluene-d8	10.439	98	574287	43.680	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	87.360%
62) 4-Bromofluorobenzene	12.727	95	213076	48.279	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.560%
Target Compounds						
						Qvalue
16) Acetone	4.287	43	40048	14.579	ug/l	90
20) Methylene Chloride	5.093	84	30338	7.131	ug/l	91
43) Isopropyl Acetate	8.563	43	56330	5.093	ug/l #	81

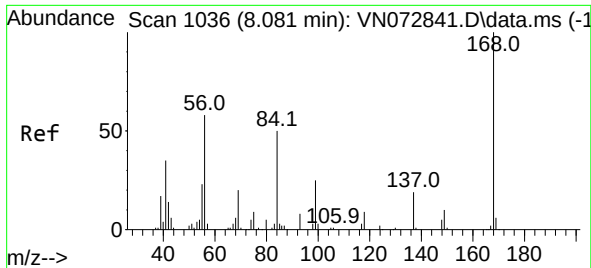
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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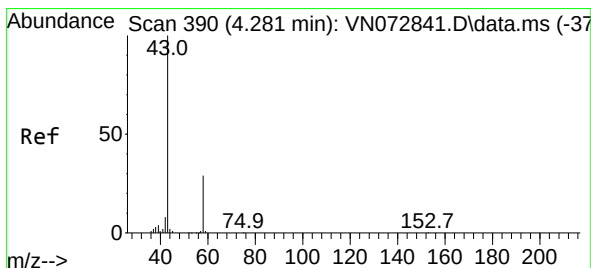
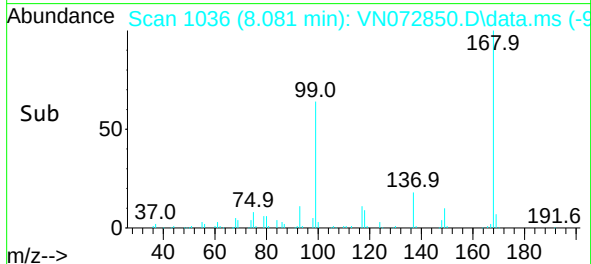
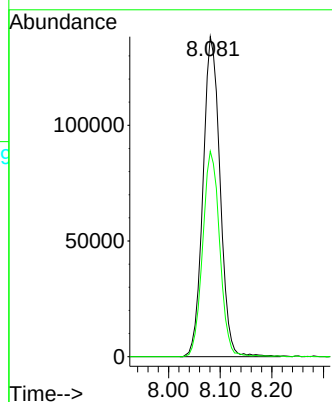
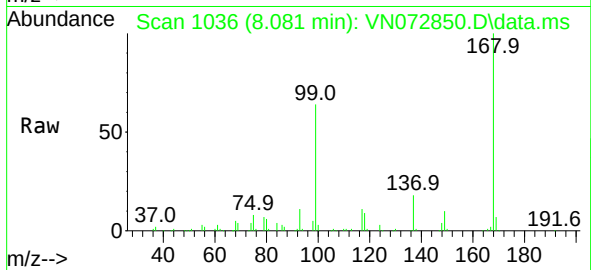




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072850.D
Acq: 14 Jun 2022 23:27

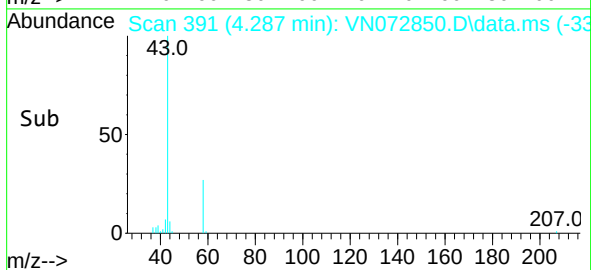
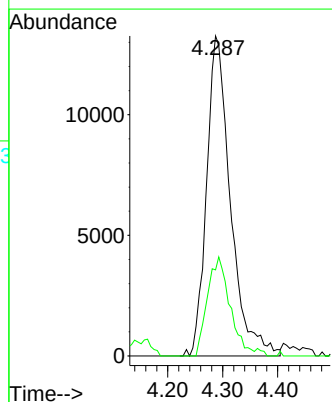
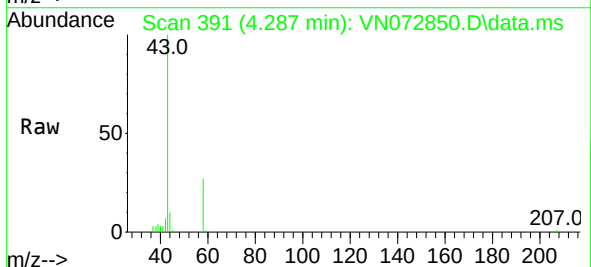
Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#02

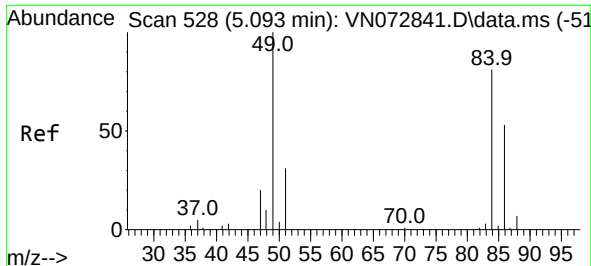
Tgt Ion:168 Resp: 317343
Ion Ratio Lower Upper
168 100
99 64.2 42.3 63.5#



#16
Acetone
Concen: 14.579 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072850.D
Acq: 14 Jun 2022 23:27

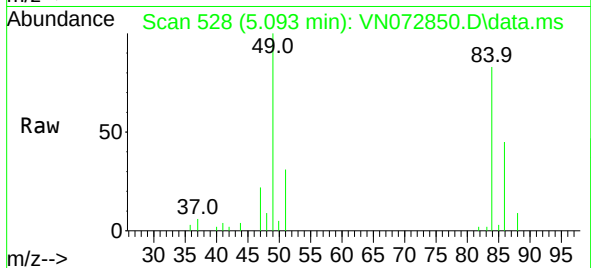
Tgt Ion: 43 Resp: 40048
Ion Ratio Lower Upper
43 100
58 26.9 26.0 39.0



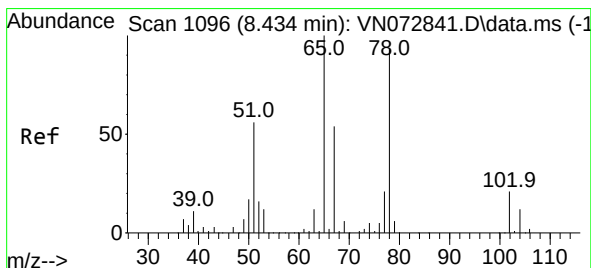
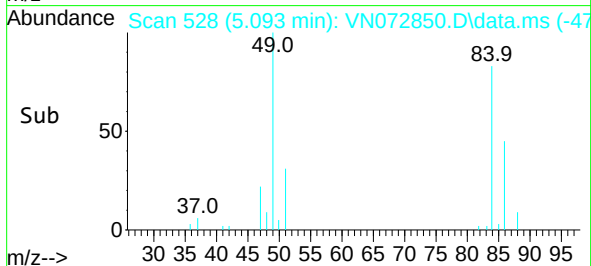
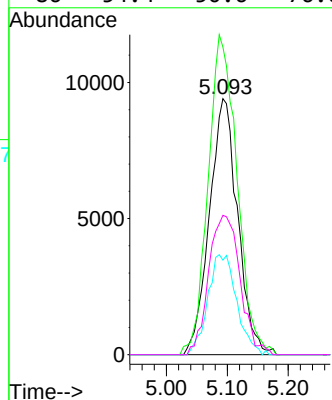


#20
Methylene Chloride
Concen: 7.131 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072850.D
Acq: 14 Jun 2022 23:27

Instrument :
MSVOA_N
ClientSampleId :
PB145494ZHE#02

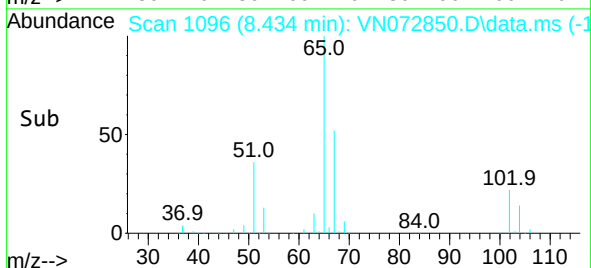
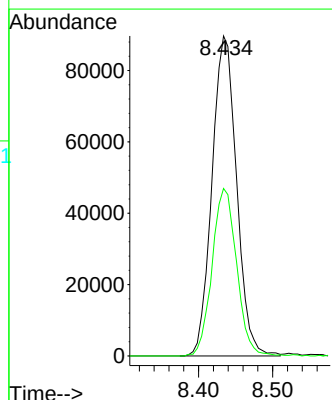
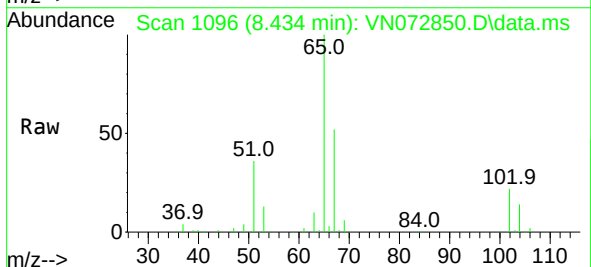


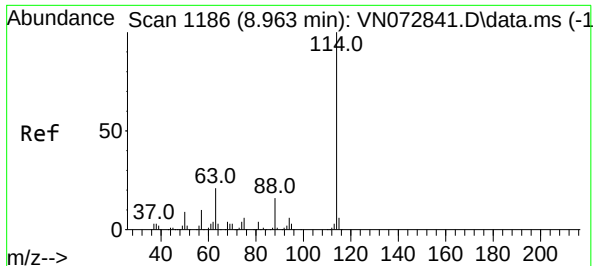
Tgt Ion: 84	Resp: 30338
Ion Ratio	Lower Upper
84 100	
49 120.2	88.3 132.5
51 36.9	28.2 42.2
86 54.4	50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 42.049 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072850.D
Acq: 14 Jun 2022 23:27

Tgt Ion: 65	Resp: 206667
Ion Ratio	Lower Upper
65 100	
67 52.1	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: VN072850.D

Acq: 14 Jun 2022 23:27

Instrument :

MSVOA_N

ClientSampleId :

PB145494ZHE#02

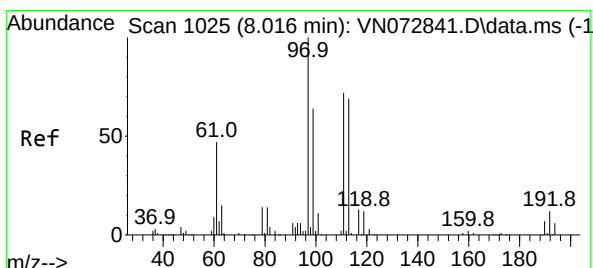
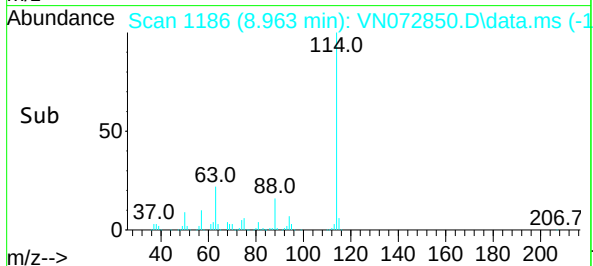
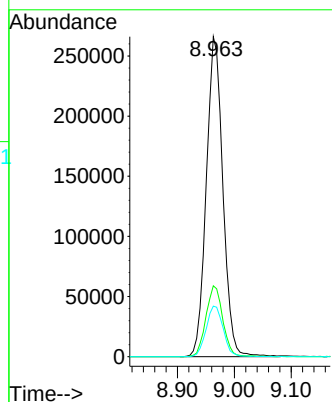
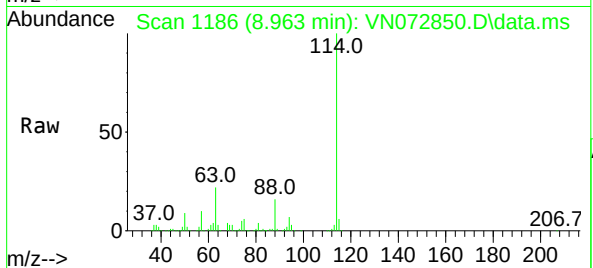
Tgt Ion:114 Resp: 538103

Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.999 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072850.D

Acq: 14 Jun 2022 23:27

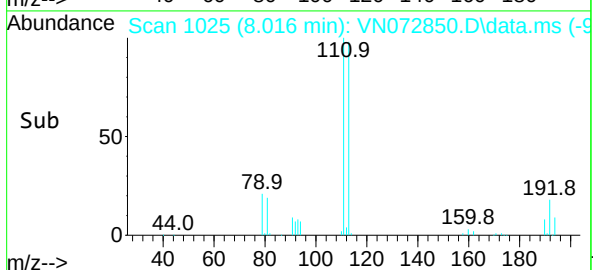
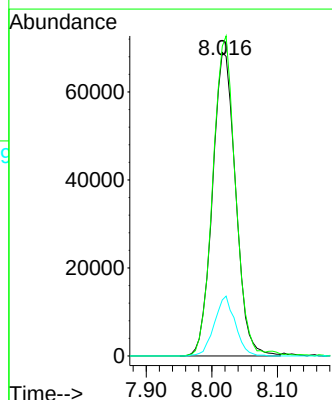
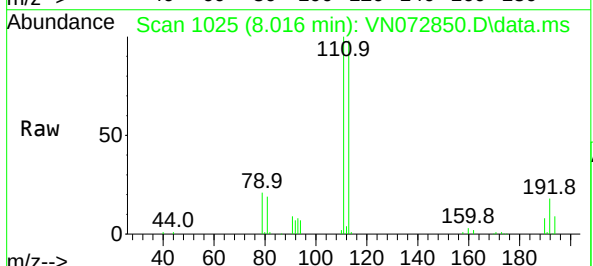
Tgt Ion:113 Resp: 169905

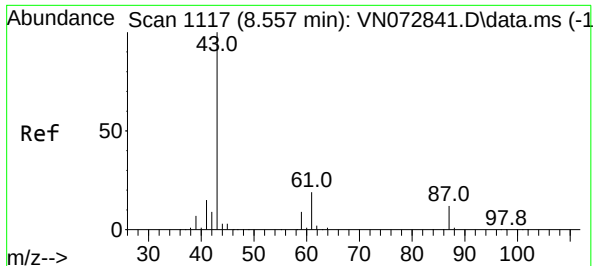
Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 17.7 17.0 25.6





#43

Isopropyl Acetate

Concen: 5.093 ug/l

RT: 8.563 min Scan# 1118

Delta R.T. 0.006 min

Lab File: VN072850.D

Acq: 14 Jun 2022 23:27

Instrument :

MSVOA_N

ClientSampleId :

PB145494ZHE#02

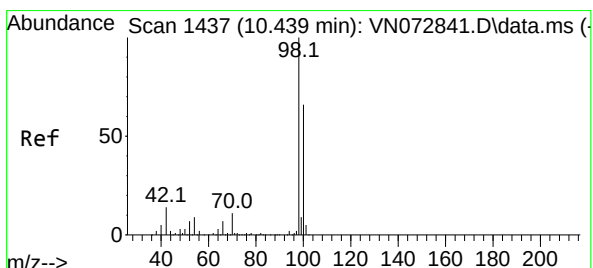
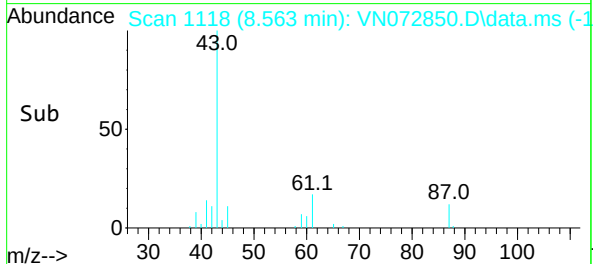
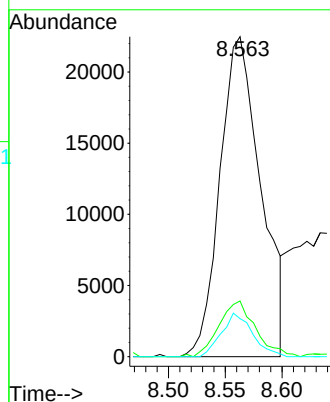
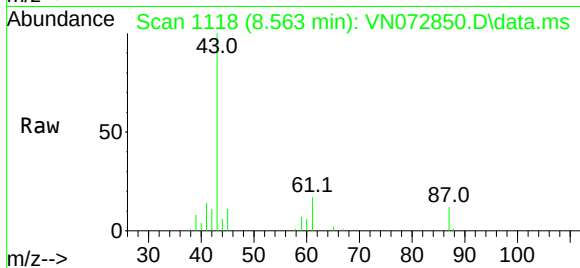
Tgt Ion: 43 Resp: 56330

Ion Ratio Lower Upper

43 100

61 15.5 21.9 32.9#

87 10.4 12.0 18.0#



#50

Toluene-d8

Concen: 43.680 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072850.D

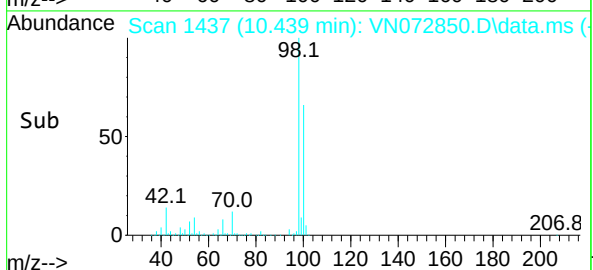
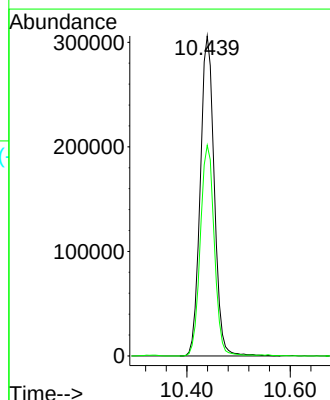
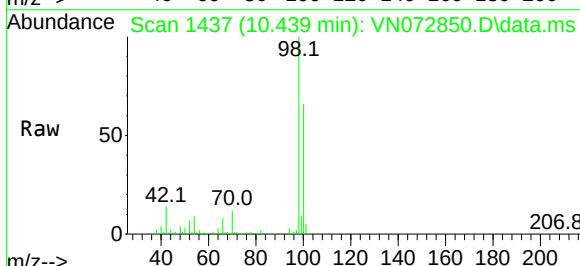
Acq: 14 Jun 2022 23:27

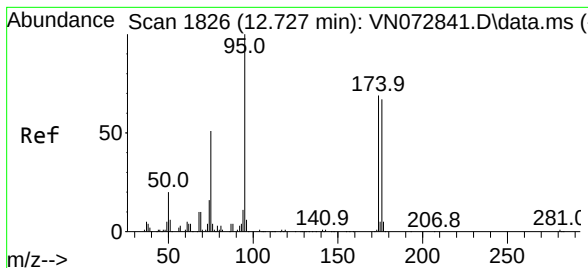
Tgt Ion: 98 Resp: 574287

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8

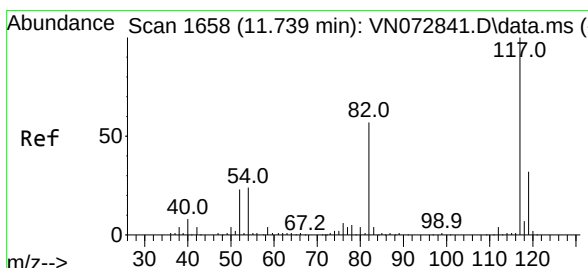
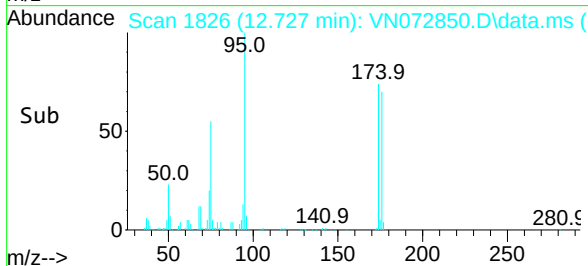
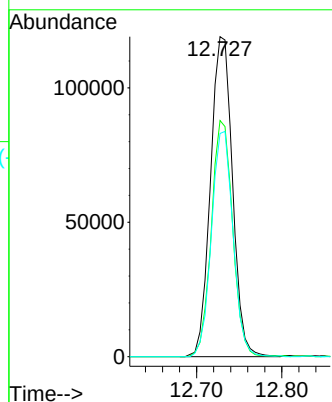
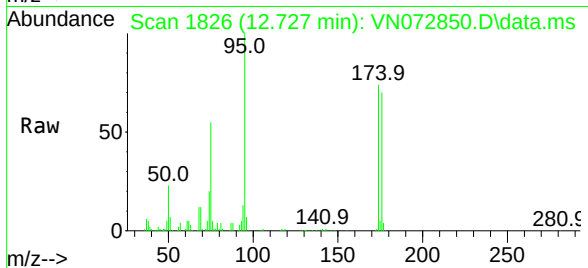




#62
4-Bromofluorobenzene
Concen: 48.279 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072850.D
Acq: 14 Jun 2022 23:27

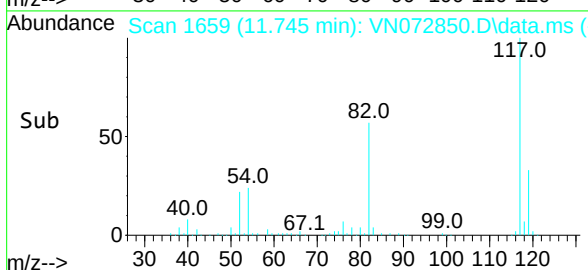
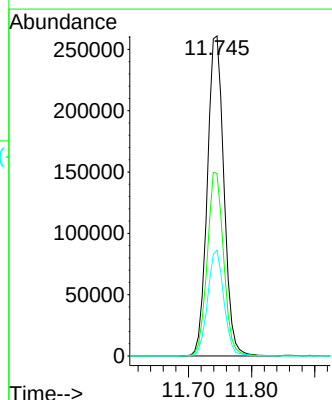
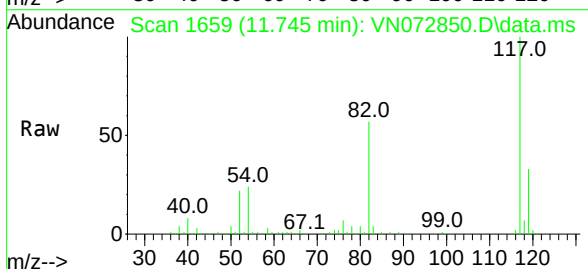
Instrument :
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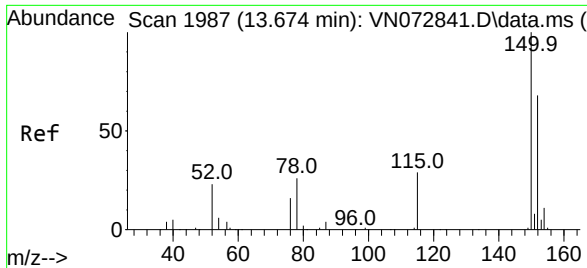
Tgt Ion: 95 Resp: 213076
Ion Ratio Lower Upper
95 100
174 71.6 0.0 167.6
176 69.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072850.D
Acq: 14 Jun 2022 23:27

Tgt Ion: 117 Resp: 476777
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 33.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1987

Delta R.T. 0.000 min

Lab File: VN072850.D

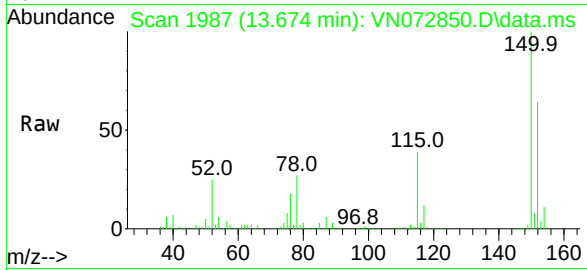
Acq: 14 Jun 2022 23:27

Instrument :

MSVOA_N

ClientSampleId :

PB145494ZHE#02



Tgt Ion:152 Resp: 175984

Ion Ratio Lower Upper

152 100

115 60.7 28.9 86.7

150 154.4 0.0 356.2

