

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072812.D
 Acq On : 13 Jun 2022 22:33
 Operator : JC\MD
 Sample : PB145459ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB145459ZHE#03

Quant Time: Jun 14 05:23:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

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

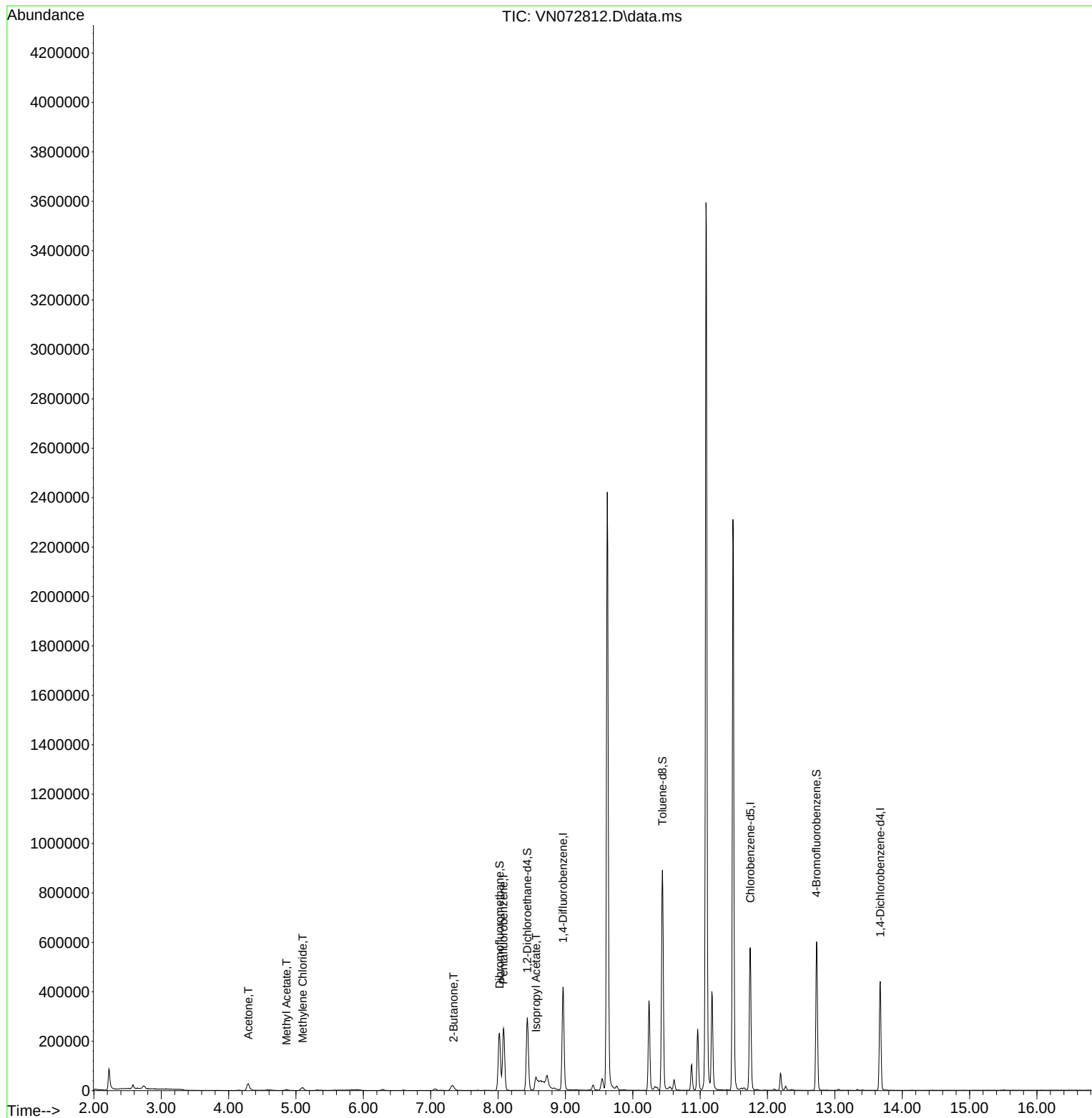
Internal Standards						
1) Pentafluorobenzene	8.080	168	157664	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	323193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	301228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	101485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	247030	55.961	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.920%
35) Dibromofluoromethane	8.022	113	167091	51.911	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.820%
50) Toluene-d8	10.439	98	589273	45.586	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	91.180%
62) 4-Bromofluorobenzene	12.727	95	205294	44.941	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.880%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	51577	25.729	ug/l	# 86
18) Methyl Acetate	4.857	43	7201	1.367	ug/l	# 80
20) Methylene Chloride	5.098	84	8921	1.901	ug/l	# 91
25) 2-Butanone	7.339	43	20764	6.604	ug/l	# 83
43) Isopropyl Acetate	8.563	43	74573	7.030	ug/l	# 72

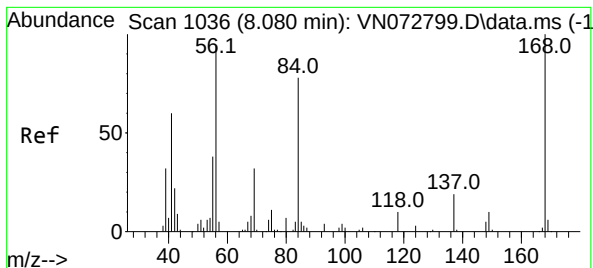
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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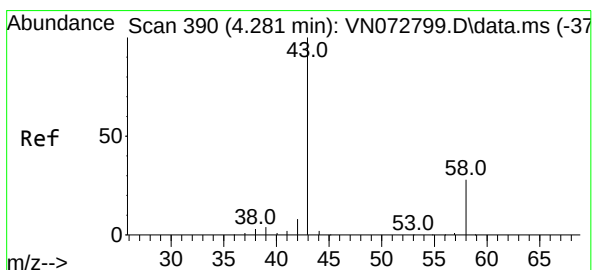
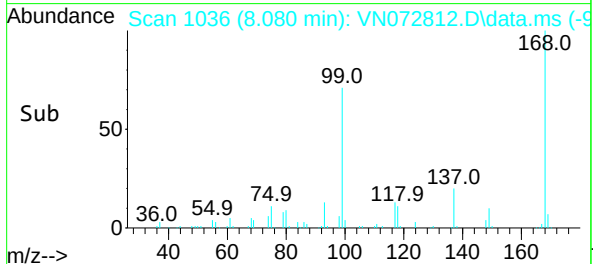
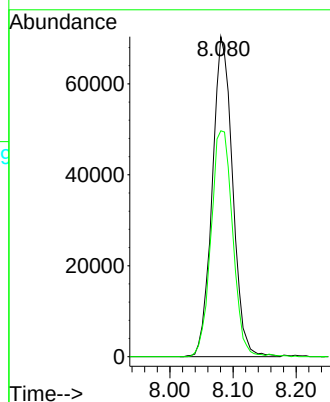
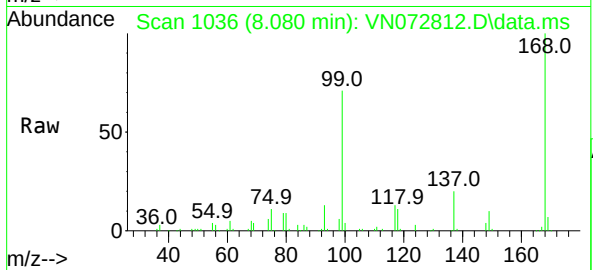




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VN072812.D
Acq: 13 Jun 2022 22:33

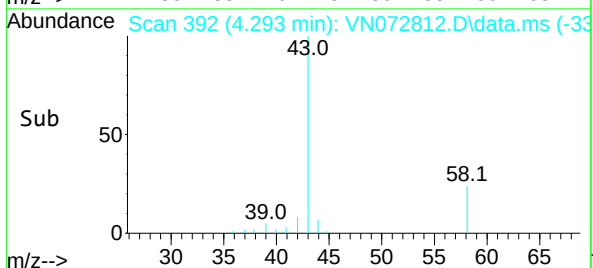
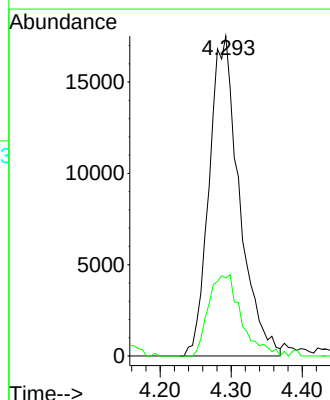
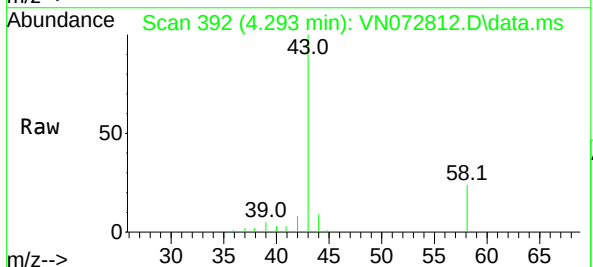
Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#03

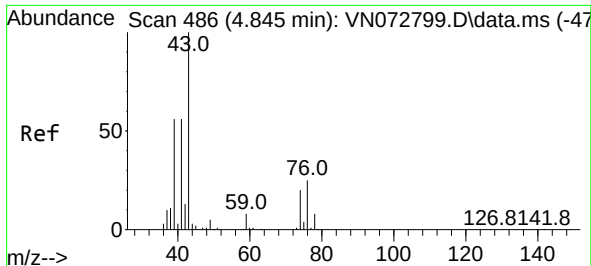
Tgt Ion:168 Resp: 157664
Ion Ratio Lower Upper
168 100
99 70.6 42.3 63.5#



#16
Acetone
Concen: 25.729 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072812.D
Acq: 13 Jun 2022 22:33

Tgt Ion: 43 Resp: 51577
Ion Ratio Lower Upper
43 100
58 24.4 26.0 39.0#

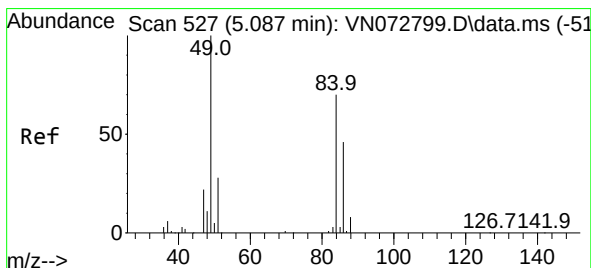
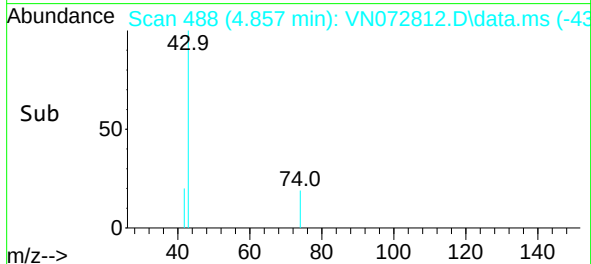
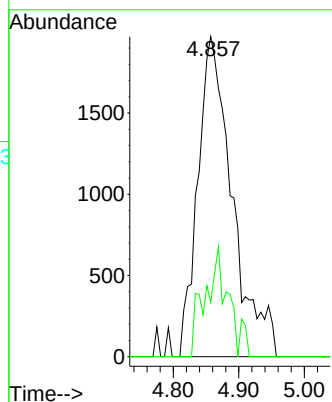
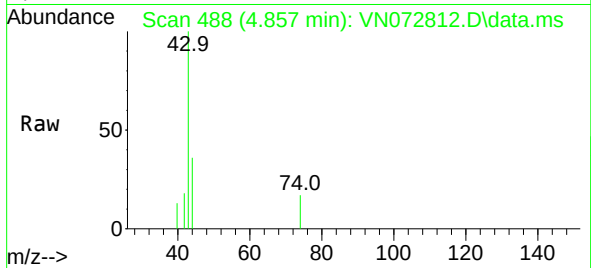




#18
Methyl Acetate
Concen: 1.367 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN072812.D
Acq: 13 Jun 2022 22:33

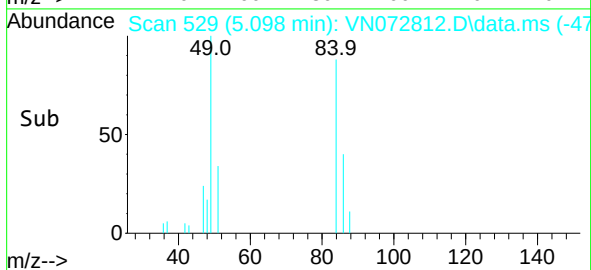
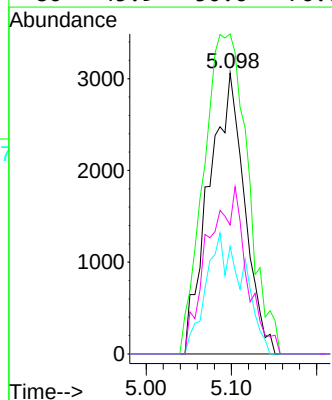
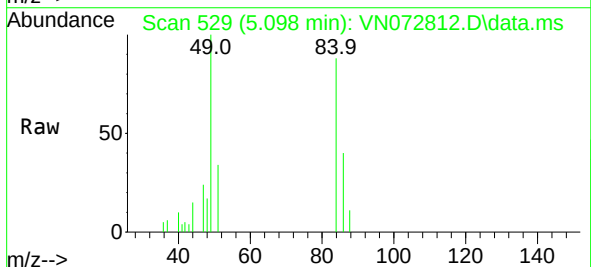
Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#03

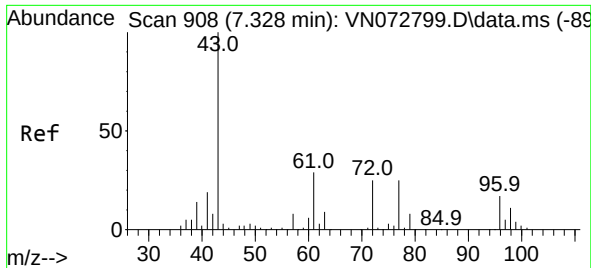
Tgt Ion: 43 Resp: 7201
Ion Ratio Lower Upper
43 100
74 16.5 21.6 32.4#



#20
Methylene Chloride
Concen: 1.901 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN072812.D
Acq: 13 Jun 2022 22:33

Tgt Ion: 84 Resp: 8921
Ion Ratio Lower Upper
84 100
49 113.9 88.3 132.5
51 38.3 28.2 42.2
86 45.9 50.6 76.0#

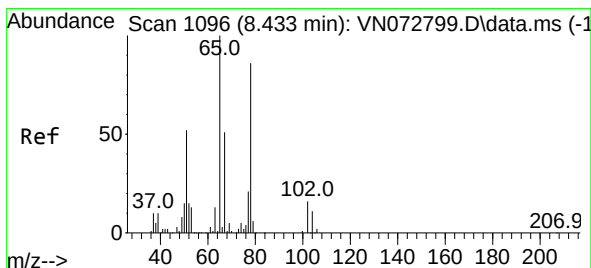
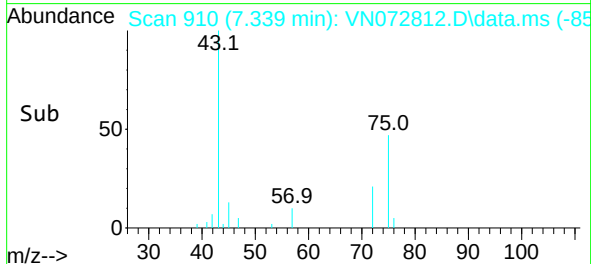
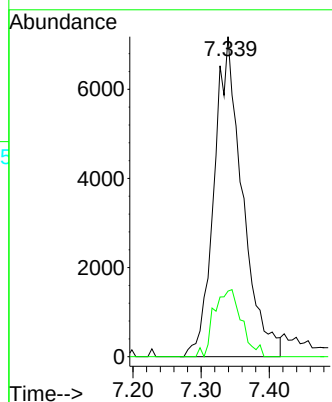
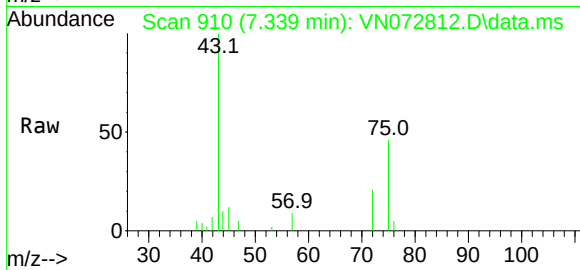




#25
2-Butanone
Concen: 6.604 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072812.D
Acq: 13 Jun 2022 22:33

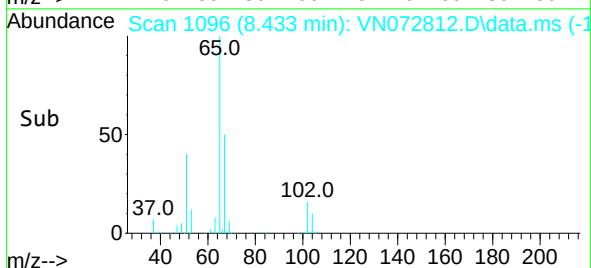
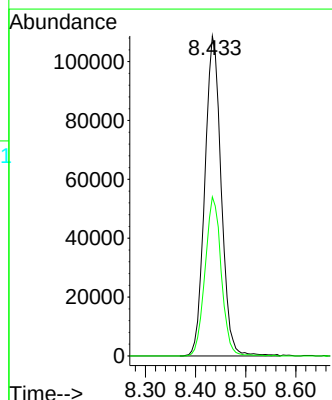
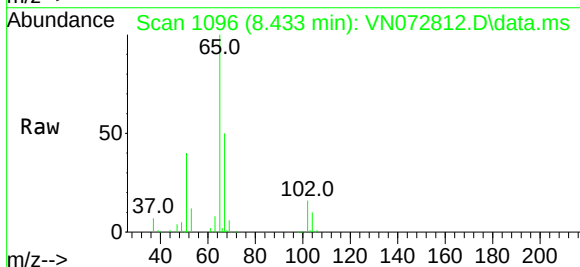
Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#03

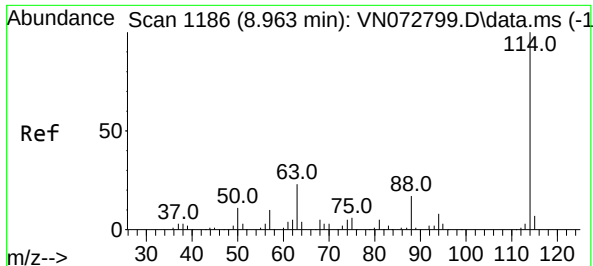
Tgt Ion: 43 Resp: 20764
Ion Ratio Lower Upper
43 100
72 20.5 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 55.961 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072812.D
Acq: 13 Jun 2022 22:33

Tgt Ion: 65 Resp: 247030
Ion Ratio Lower Upper
65 100
67 49.0 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: VN072812.D

Acq: 13 Jun 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

PB145459ZHE#03

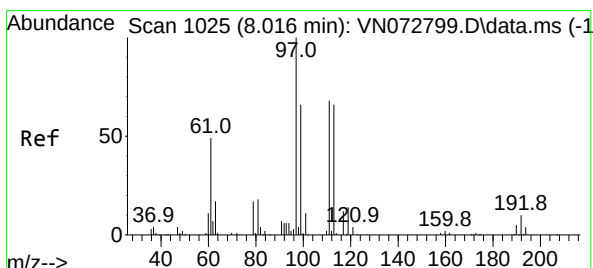
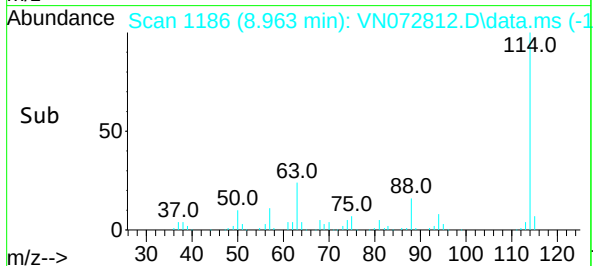
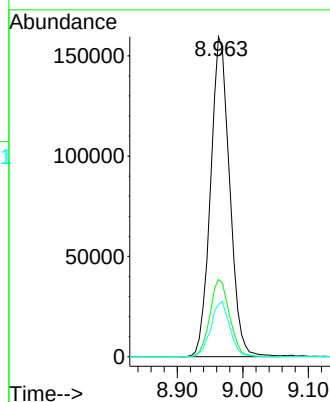
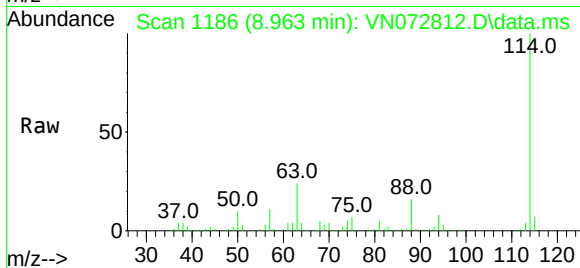
Tgt Ion:114 Resp: 323193

Ion Ratio Lower Upper

114 100

63 24.1 0.0 40.0

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.911 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072812.D

Acq: 13 Jun 2022 22:33

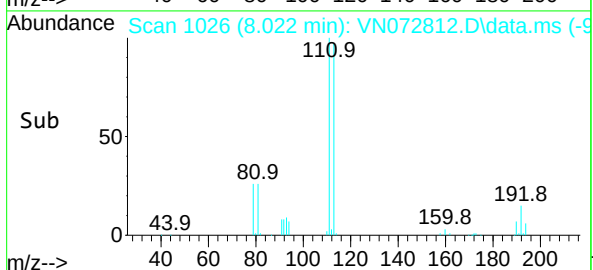
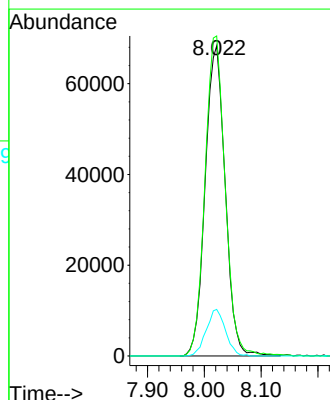
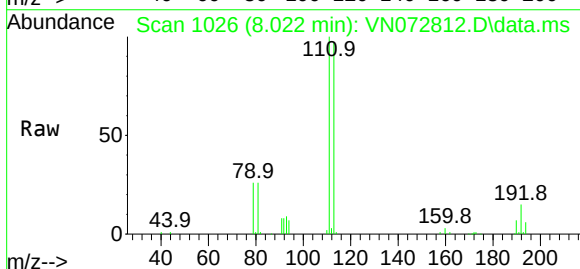
Tgt Ion:113 Resp: 167091

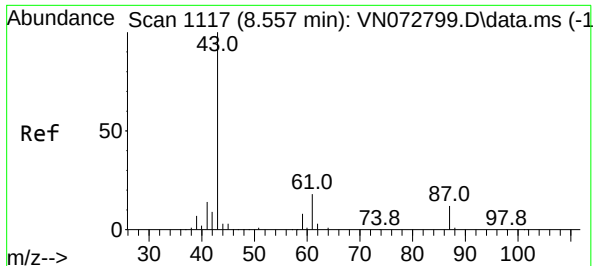
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 14.5 17.0 25.6#





#43

Isopropyl Acetate

Concen: 7.030 ug/l

RT: 8.563 min Scan# 1118

Delta R.T. 0.006 min

Lab File: VN072812.D

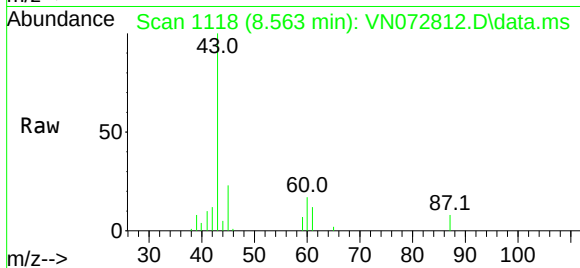
Acq: 13 Jun 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

PB145459ZHE#03



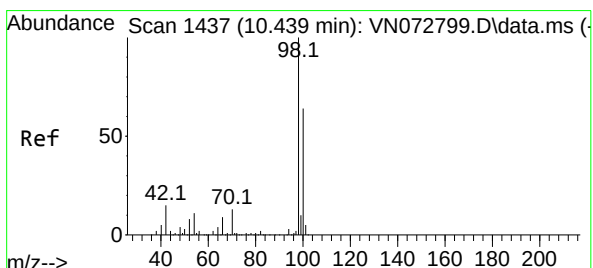
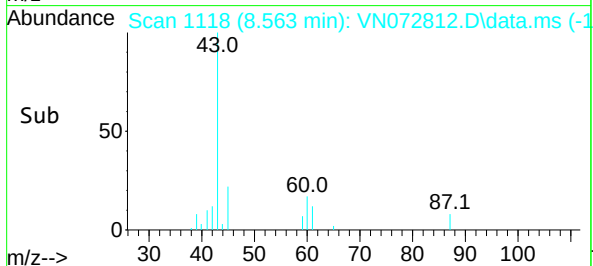
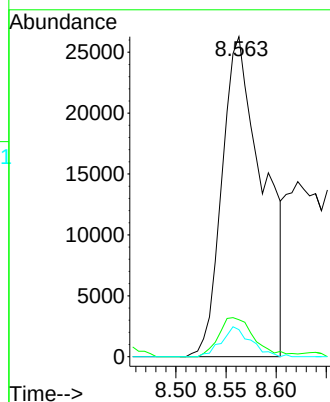
Tgt Ion: 43 Resp: 74573

Ion Ratio Lower Upper

43 100

61 10.7 21.9 32.9#

87 6.7 12.0 18.0#



#50

Toluene-d8

Concen: 45.586 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072812.D

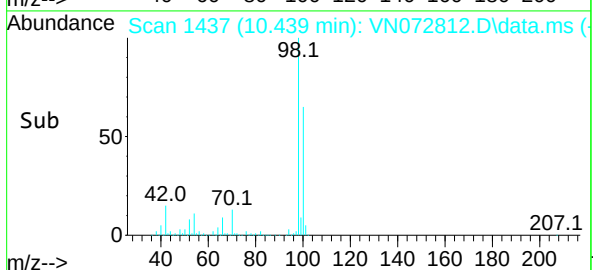
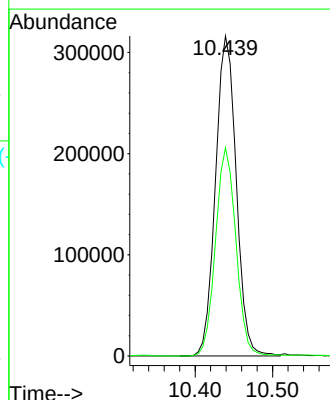
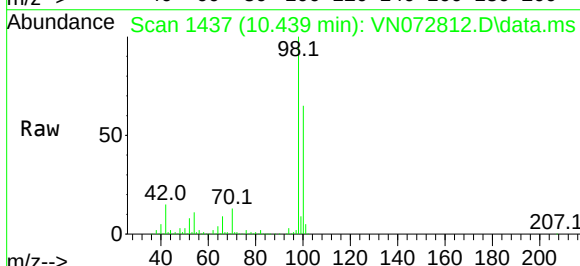
Acq: 13 Jun 2022 22:33

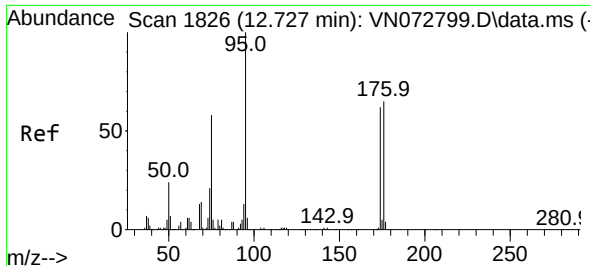
Tgt Ion: 98 Resp: 589273

Ion Ratio Lower Upper

98 100

100 64.1 52.6 78.8

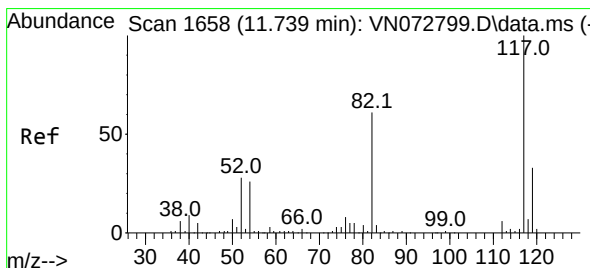
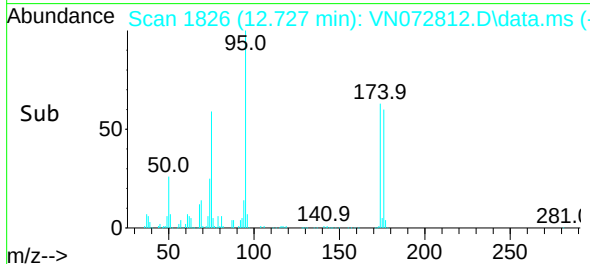
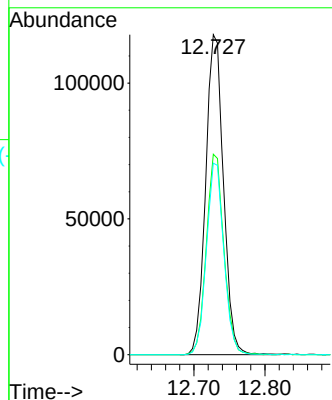
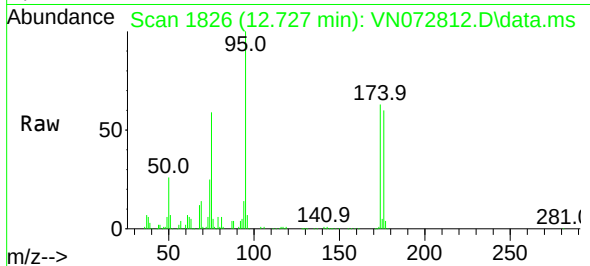




#62
4-Bromofluorobenzene
Concen: 44.941 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072812.D
Acq: 13 Jun 2022 22:33

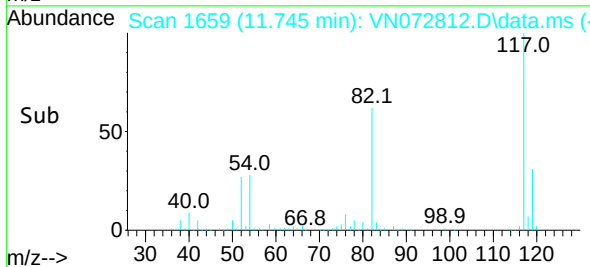
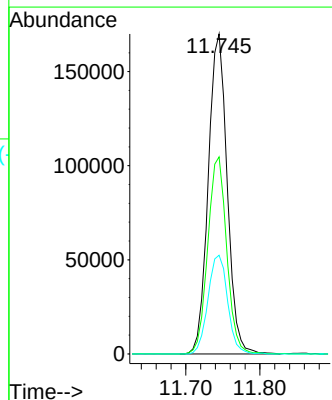
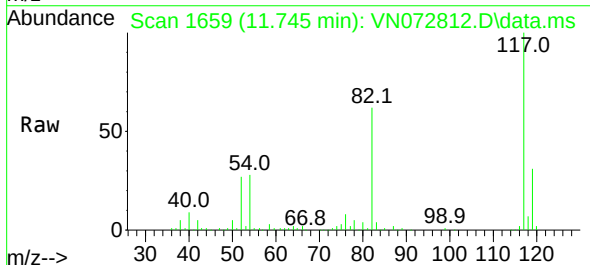
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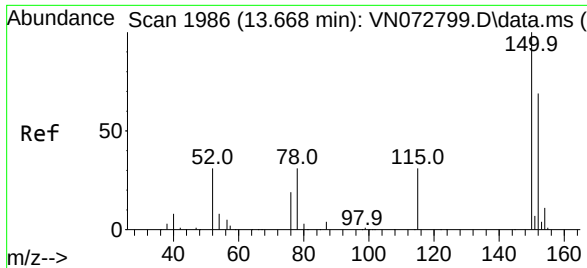
Tgt Ion: 95 Resp: 205294
Ion Ratio Lower Upper
95 100
174 61.8 0.0 167.6
176 58.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072812.D
Acq: 13 Jun 2022 22:33

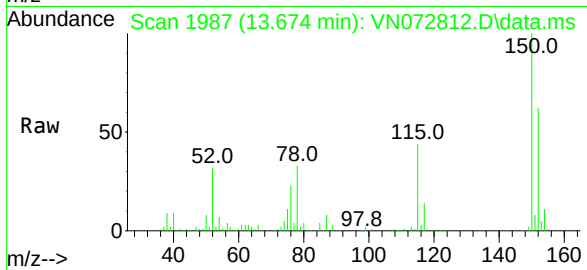
Tgt Ion: 117 Resp: 301228
Ion Ratio Lower Upper
117 100
82 61.6 44.2 66.2
119 30.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.006 min
 Lab File: VN072812.D
 Acq: 13 Jun 2022 22:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB145459ZHE#03



Tgt Ion:152 Resp: 101485
 Ion Ratio Lower Upper
 152 100
 115 68.4 28.9 86.7
 150 158.9 0.0 356.2

