

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072813.D
 Acq On : 13 Jun 2022 22:57
 Operator : JC\MD
 Sample : PB145459ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB145459ZHE#04

Quant Time: Jun 14 05:23:10 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)

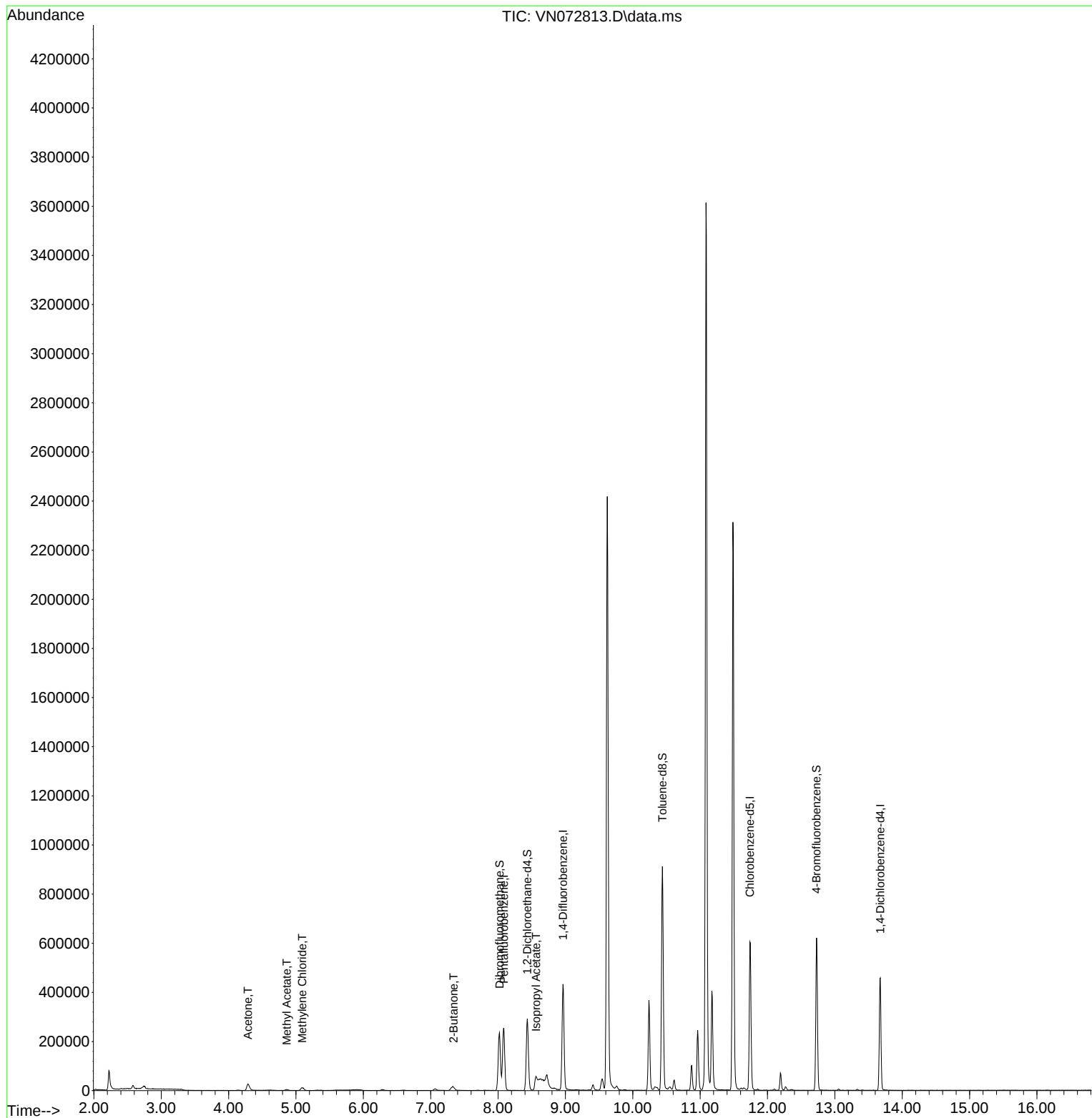
Internal Standards						
1) Pentafluorobenzene	8.086	168	162308	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	336539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	309907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	105513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	242118	53.278	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	106.560%
35) Dibromofluoromethane	8.022	113	167175	49.878	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.760%
50) Toluene-d8	10.439	98	589773	43.815	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	87.640%
62) 4-Bromofluorobenzene	12.727	95	205909	43.288	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.580%
Target Compounds						
					Qvalue	
16) Acetone	4.287	43	51514	24.962	ug/l	# 88
18) Methyl Acetate	4.863	43	8597	1.585	ug/l	# 62
20) Methylene Chloride	5.092	84	8925	1.806	ug/l	# 84
25) 2-Butanone	7.339	43	19537	6.036	ug/l	99
43) Isopropyl Acetate	8.563	43	75652	6.849	ug/l	# 73

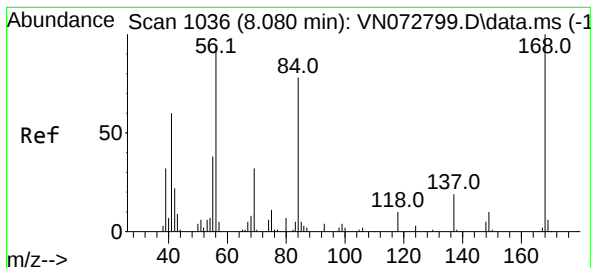
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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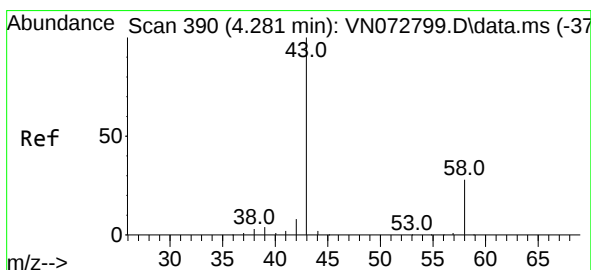
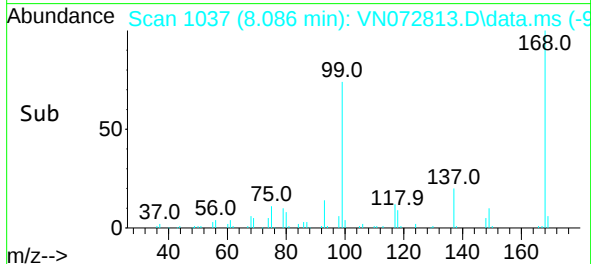
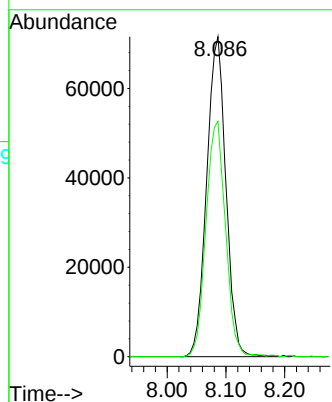
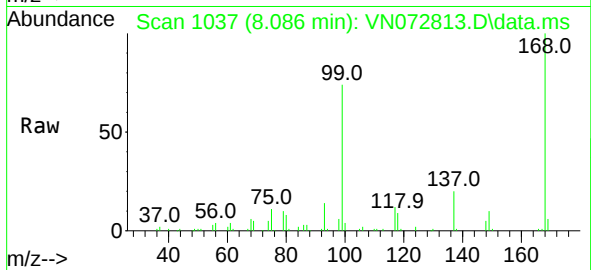




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072813.D
Acq: 13 Jun 2022 22:57

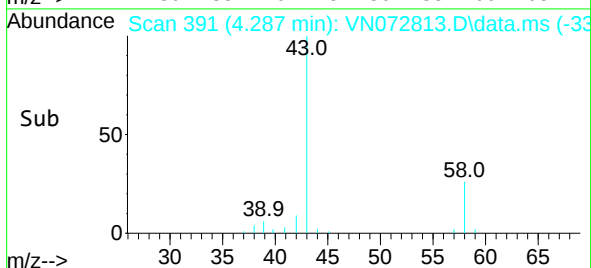
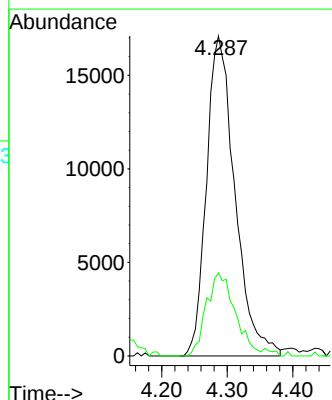
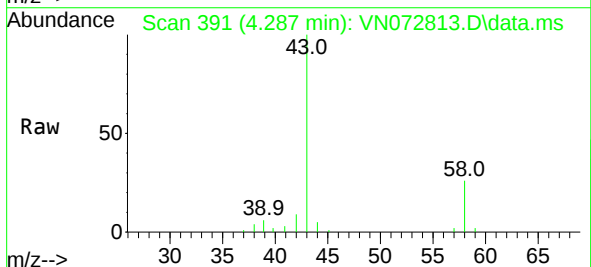
Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#04

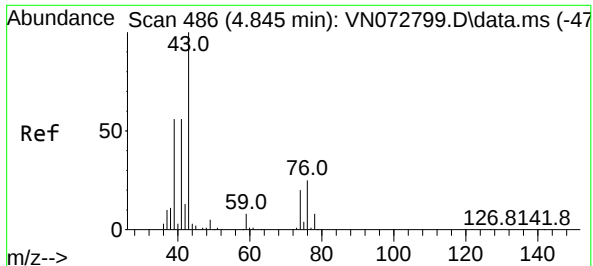
Tgt Ion:168 Resp: 162308
Ion Ratio Lower Upper
168 100
99 73.6 42.3 63.5#



#16
Acetone
Concen: 24.962 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072813.D
Acq: 13 Jun 2022 22:57

Tgt Ion: 43 Resp: 51514
Ion Ratio Lower Upper
43 100
58 25.9 26.0 39.0#

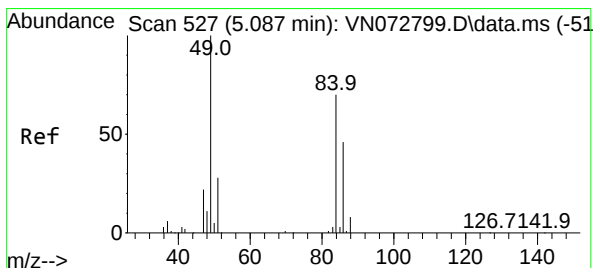
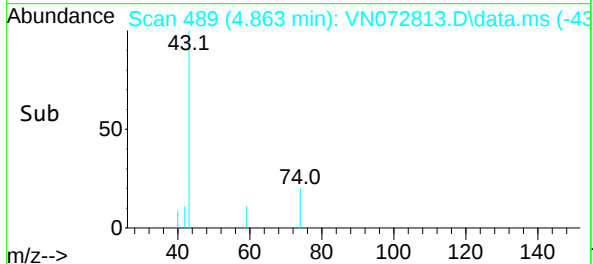
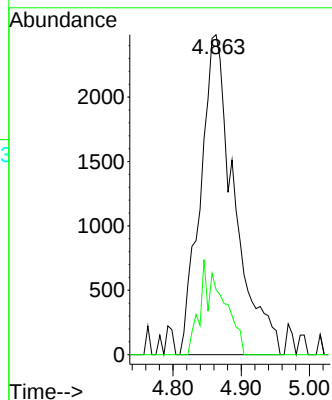
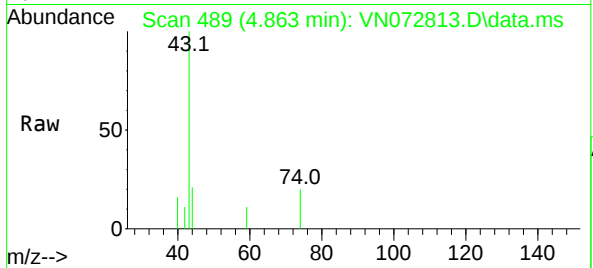




#18
Methyl Acetate
Concen: 1.585 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.018 min
Lab File: VN072813.D
Acq: 13 Jun 2022 22:57

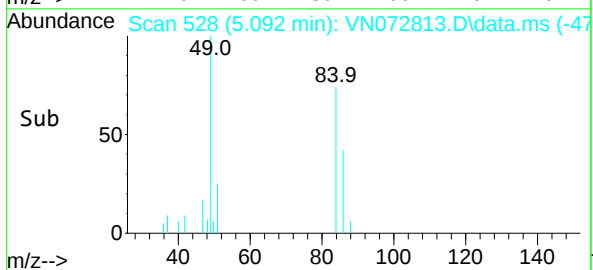
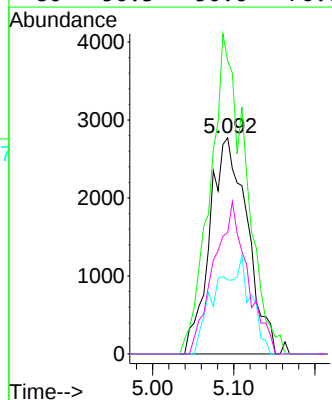
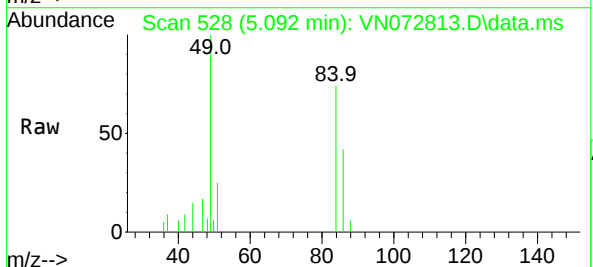
Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#04

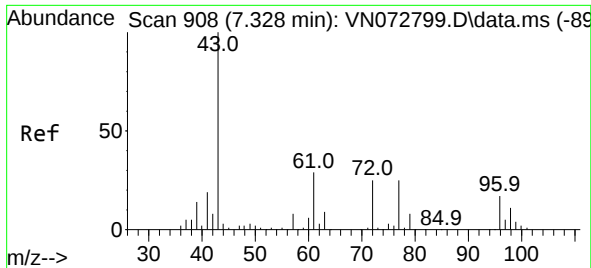
Tgt Ion: 43 Resp: 8597
Ion Ratio Lower Upper
43 100
74 7.3 21.6 32.4#



#20
Methylene Chloride
Concen: 1.806 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.005 min
Lab File: VN072813.D
Acq: 13 Jun 2022 22:57

Tgt Ion: 84 Resp: 8925
Ion Ratio Lower Upper
84 100
49 135.4 88.3 132.5#
51 34.2 28.2 42.2
86 56.3 50.6 76.0

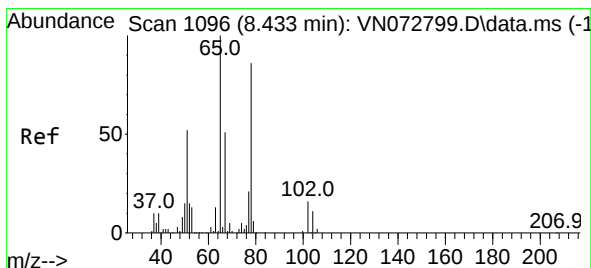
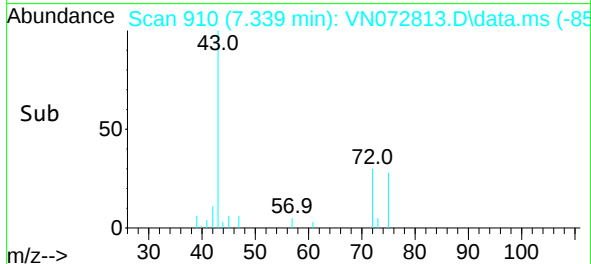
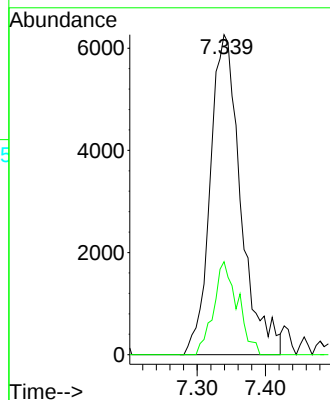
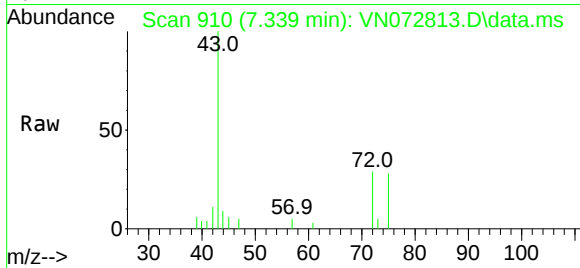




#25
2-Butanone
Concen: 6.036 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072813.D
Acq: 13 Jun 2022 22:57

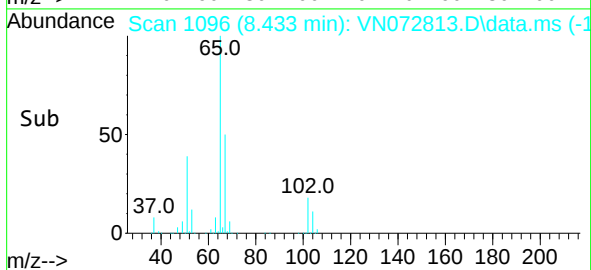
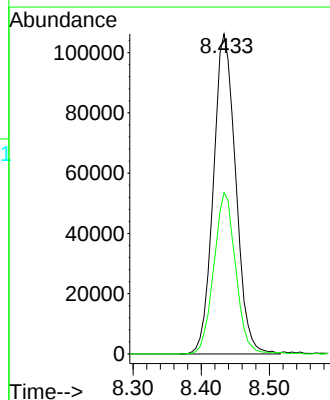
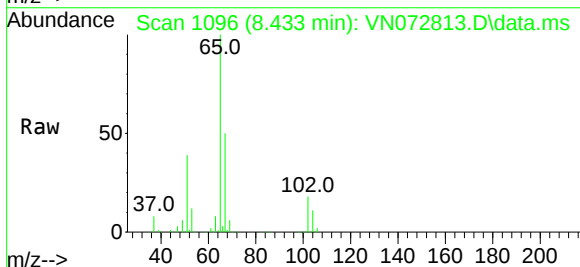
Instrument :
MSVOA_N
ClientSampleId :
PB145459ZHE#04

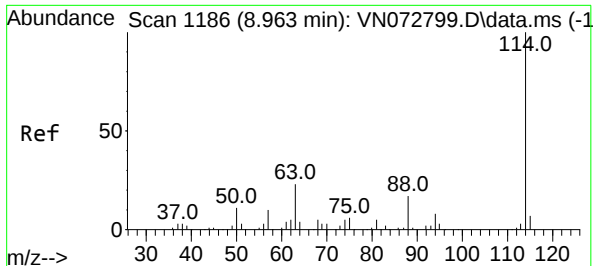
Tgt Ion: 43 Resp: 19537
Ion Ratio Lower Upper
43 100
72 29.0 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 53.278 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072813.D
Acq: 13 Jun 2022 22:57

Tgt Ion: 65 Resp: 242118
Ion Ratio Lower Upper
65 100
67 49.1 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: VN072813.D

Acq: 13 Jun 2022 22:57

Instrument :

MSVOA_N

ClientSampleId :

PB145459ZHE#04

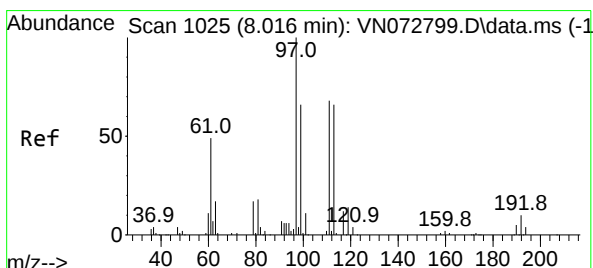
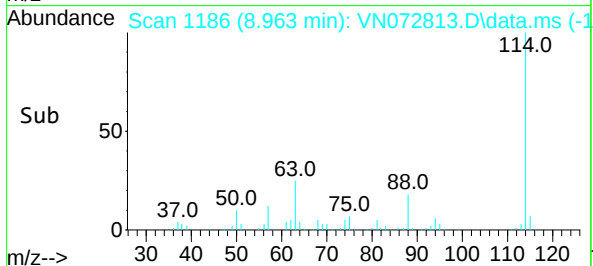
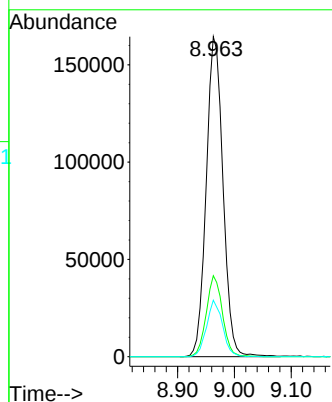
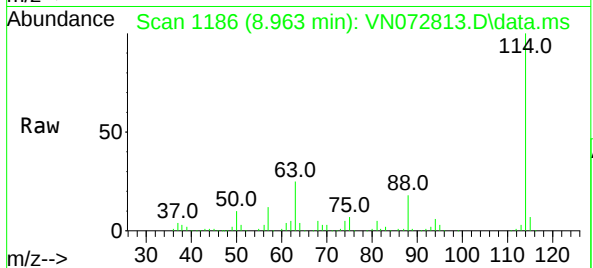
Tgt Ion:114 Resp: 336539

Ion Ratio Lower Upper

114 100

63 25.3 0.0 40.0

88 17.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.878 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072813.D

Acq: 13 Jun 2022 22:57

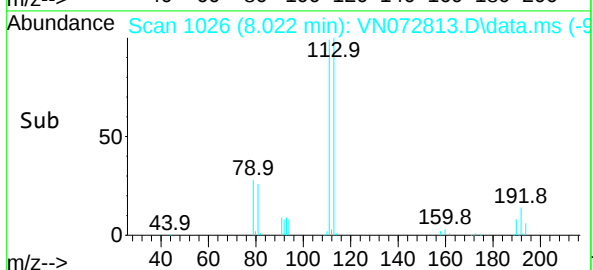
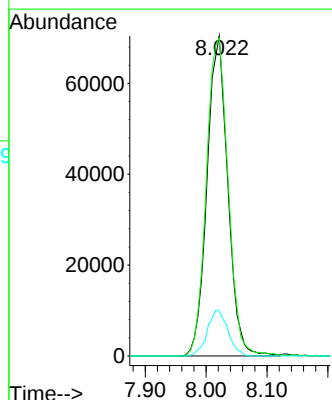
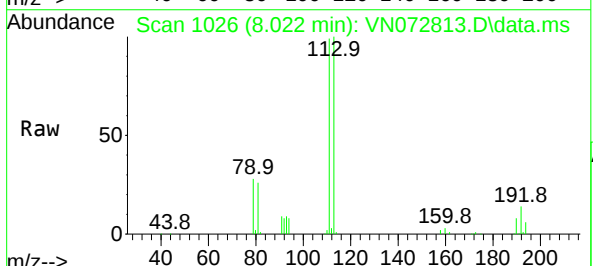
Tgt Ion:113 Resp: 167175

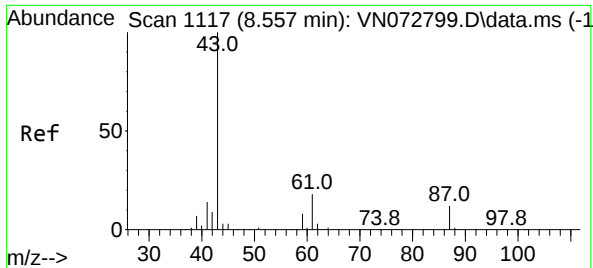
Ion Ratio Lower Upper

113 100

111 104.4 81.4 122.0

192 14.1 17.0 25.6#

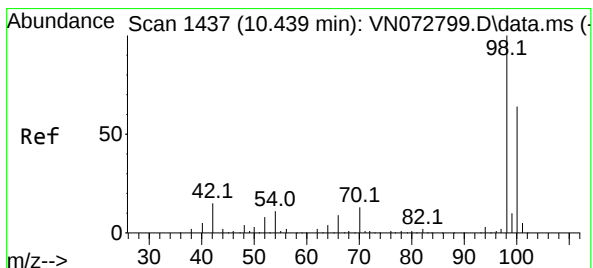
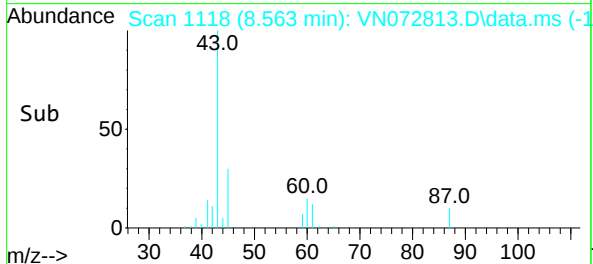
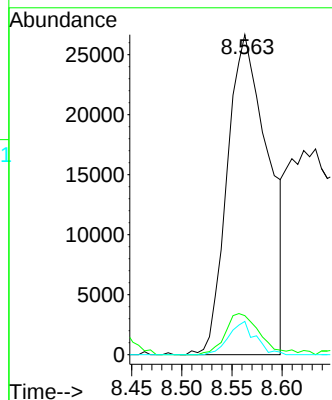
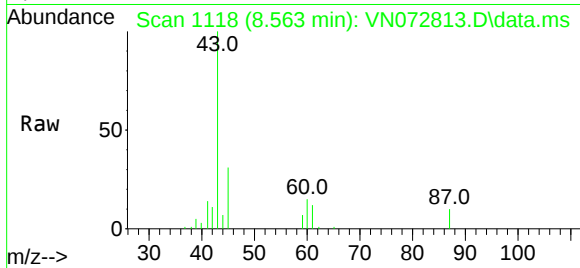




#43
Isopropyl Acetate
Concen: 6.849 ug/l
RT: 8.563 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VN072813.D
Acq: 13 Jun 2022 22:57

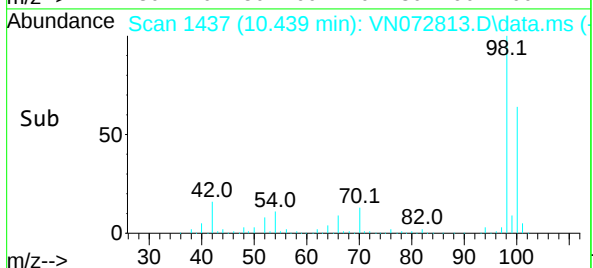
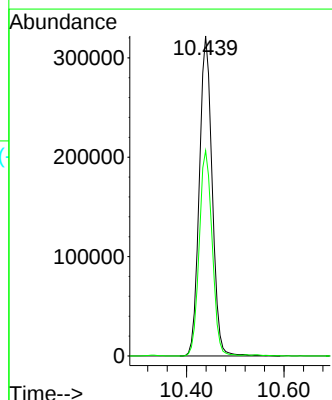
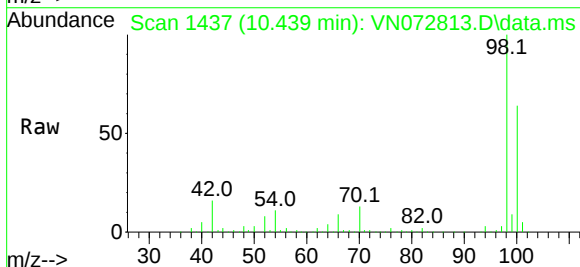
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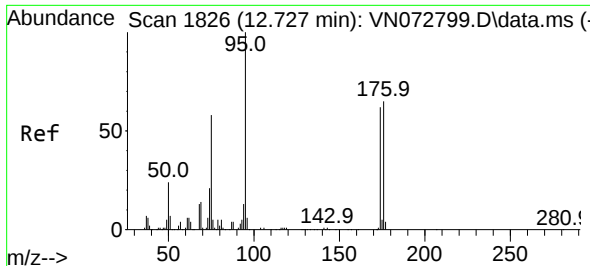
Tgt Ion: 43 Resp: 75652
Ion Ratio Lower Upper
43 100
61 11.2 21.9 32.9#
87 6.7 12.0 18.0#



#50
Toluene-d8
Concen: 43.815 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072813.D
Acq: 13 Jun 2022 22:57

Tgt Ion: 98 Resp: 589773
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

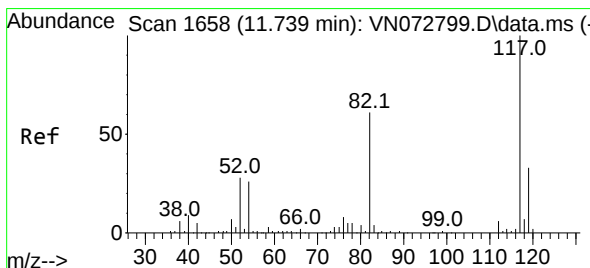
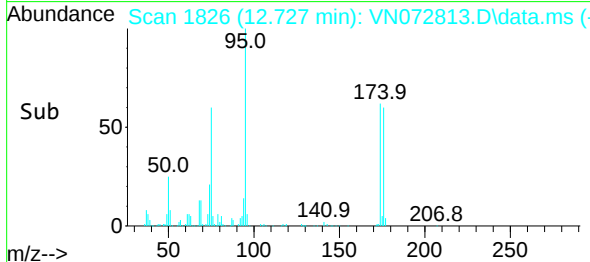
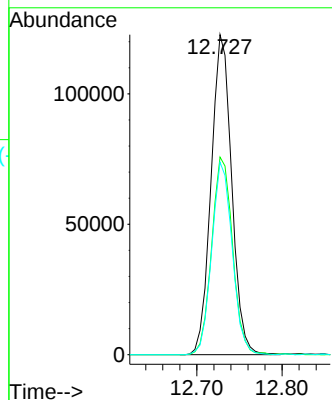
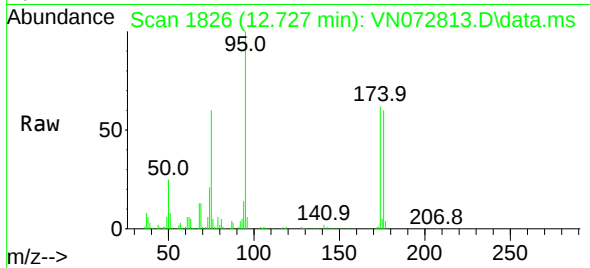




#62
4-Bromofluorobenzene
Concen: 43.288 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072813.D
Acq: 13 Jun 2022 22:57

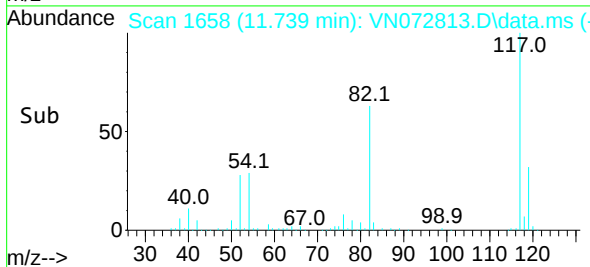
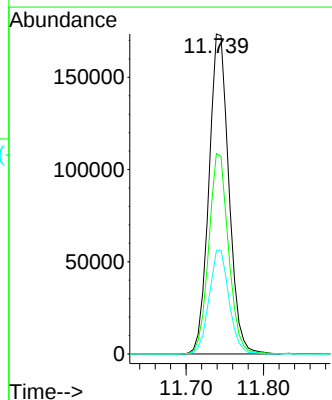
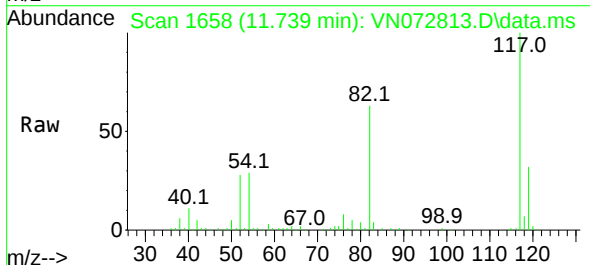
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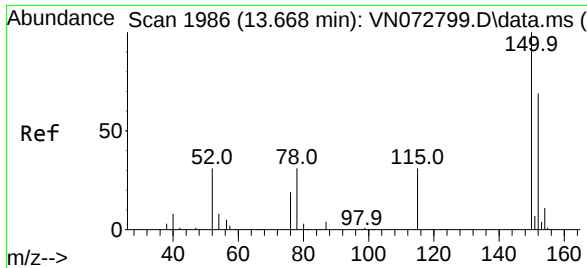
Tgt Ion: 95 Resp: 205909
Ion Ratio Lower Upper
95 100
174 62.7 0.0 167.6
176 59.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072813.D
Acq: 13 Jun 2022 22:57

Tgt Ion: 117 Resp: 309907
Ion Ratio Lower Upper
117 100
82 62.7 44.2 66.2
119 32.2 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: VN072813.D

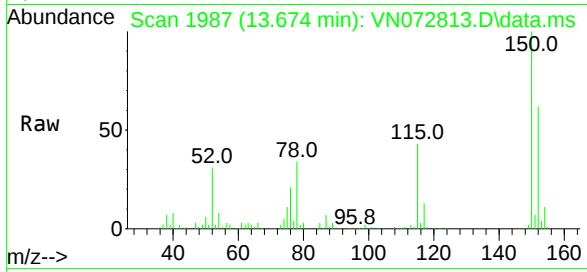
Acq: 13 Jun 2022 22:57

Instrument :

MSVOA_N

ClientSampleId :

PB145459ZHE#04



Tgt Ion:152 Resp: 105513

Ion Ratio Lower Upper

152 100

115 68.3 28.9 86.7

150 160.2 0.0 356.2

