

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082903.D
 Acq On : 12 Jul 2024 16:41
 Operator : JC\MD
 Sample : PB162021TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162021TB

Quant Time: Jul 15 01:14:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

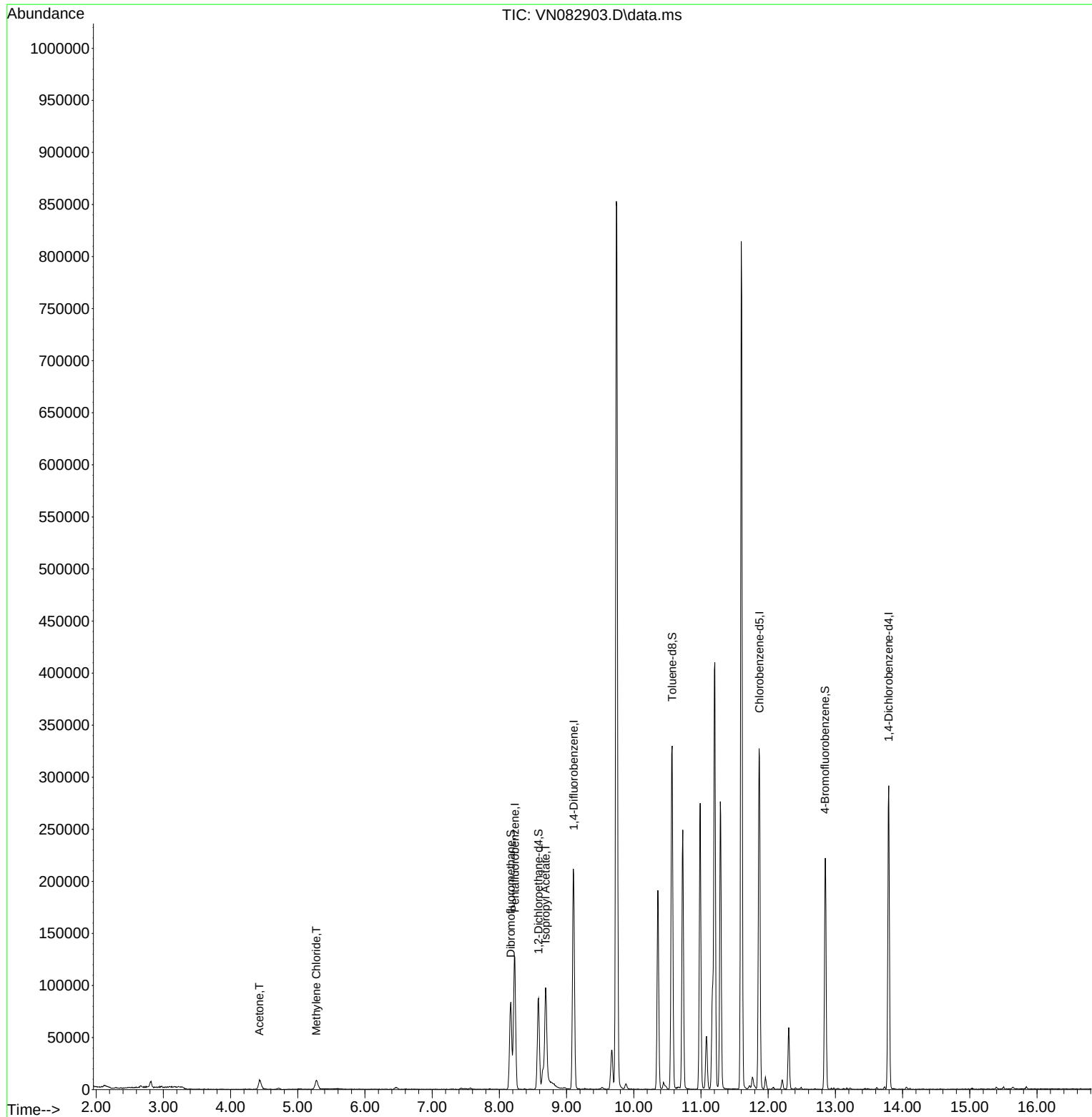
Internal Standards						
1) Pentafluorobenzene	8.230	168	90538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	179261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	190280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	74009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	70481	55.534	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.060%
35) Dibromofluoromethane	8.171	113	59749	51.943	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.880%
50) Toluene-d8	10.571	98	225685	53.121	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.240%
62) 4-Bromofluorobenzene	12.847	95	76032	49.821	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	99.640%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	17144	38.367	ug/l	99
20) Methylene Chloride	5.277	84	6903	6.397	ug/l #	73
43) Isopropyl Acetate	8.688	43	137454	44.842	ug/l #	87

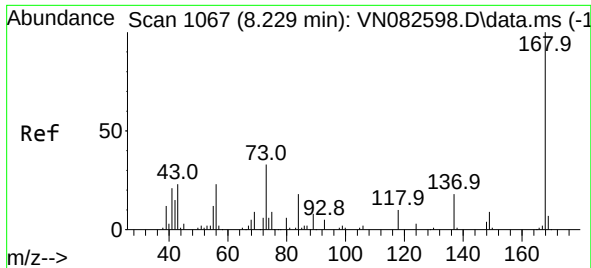
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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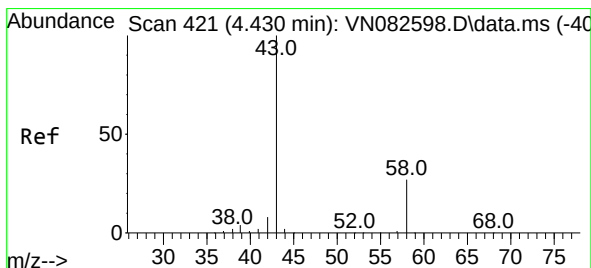
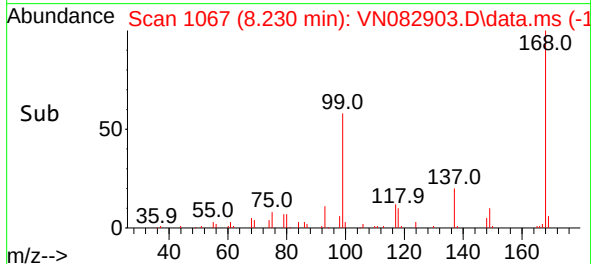
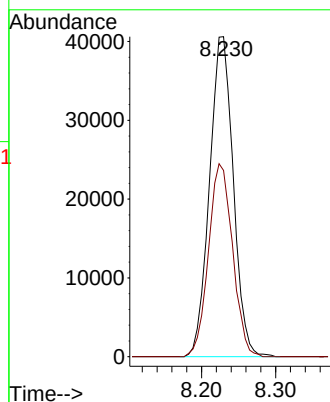
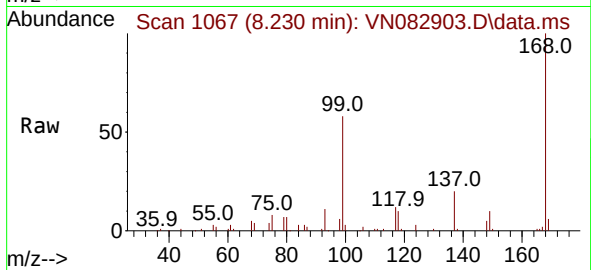




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

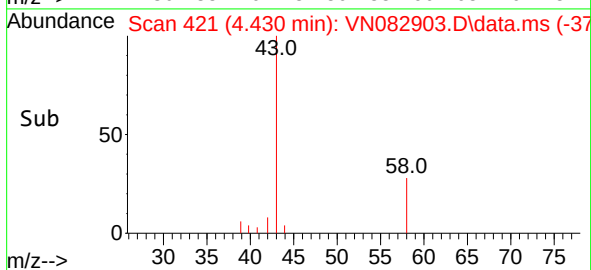
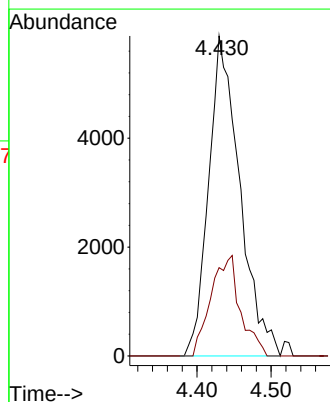
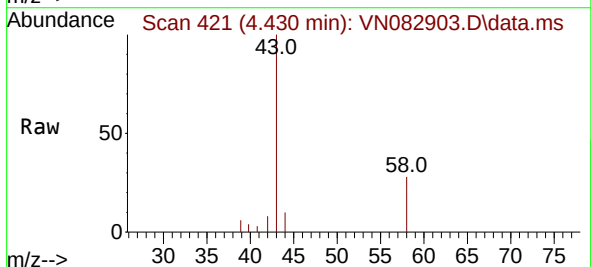
Instrument :
MSVOA_N
ClientSampleId :
PB162021TB

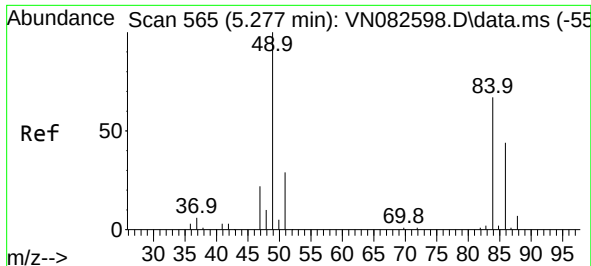
Tgt Ion:168 Resp: 90538
Ion Ratio Lower Upper
168 100
99 58.2 48.2 72.4



#16
Acetone
Concen: 38.367 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

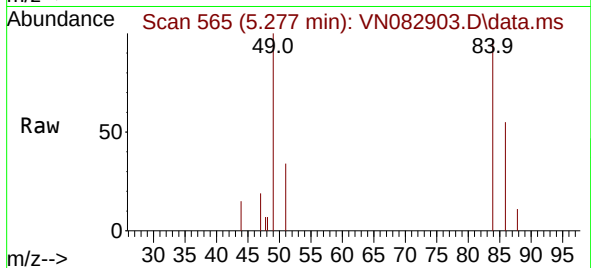
Tgt Ion: 43 Resp: 17144
Ion Ratio Lower Upper
43 100
58 27.6 21.8 32.6





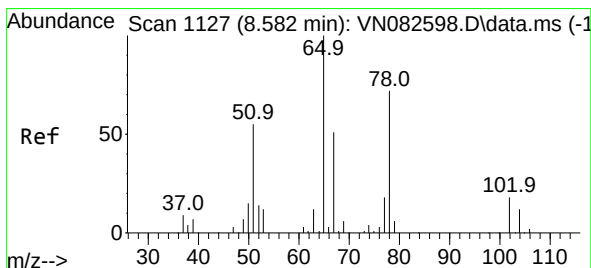
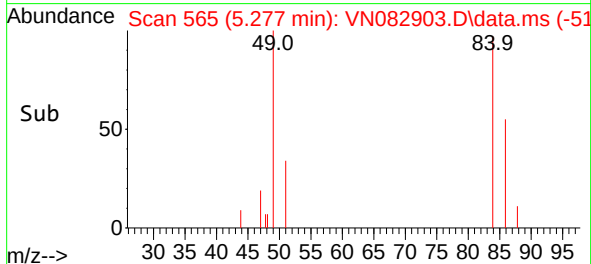
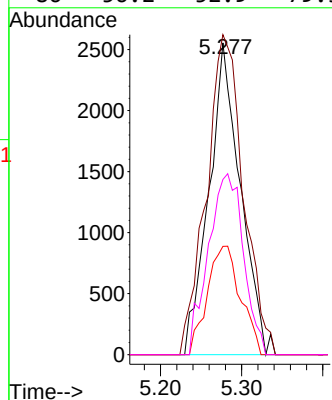
#20
Methylene Chloride
Concen: 6.397 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Instrument :
MSVOA_N
ClientSampleId :
PB162021TB



Tgt Ion: 84 Resp: 6903

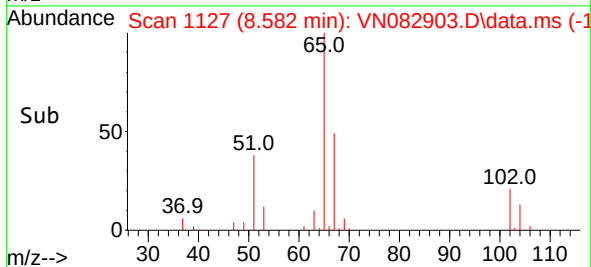
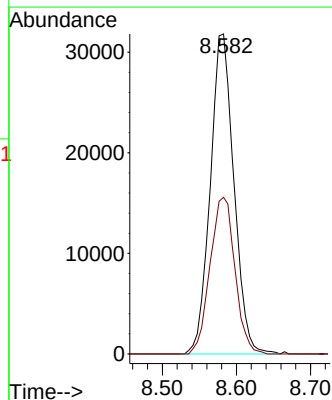
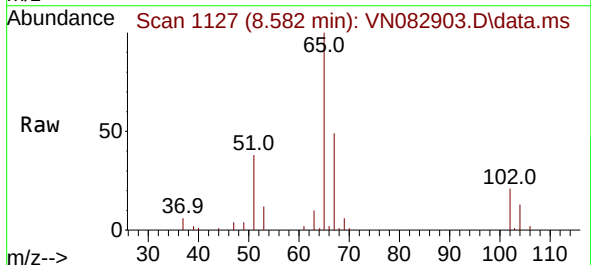
Ion	Ratio	Lower	Upper
84	100		
49	102.6	119.6	179.4#
51	34.8	34.8	52.2#
86	56.2	52.9	79.3

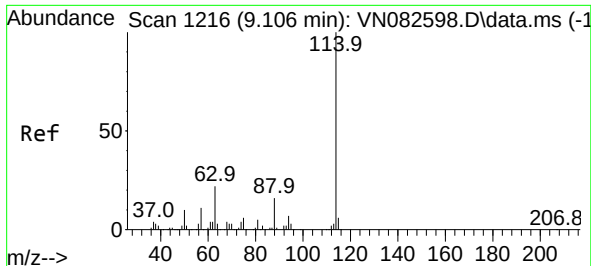


#33
1,2-Dichloroethane-d4
Concen: 55.534 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion: 65 Resp: 70481

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.4

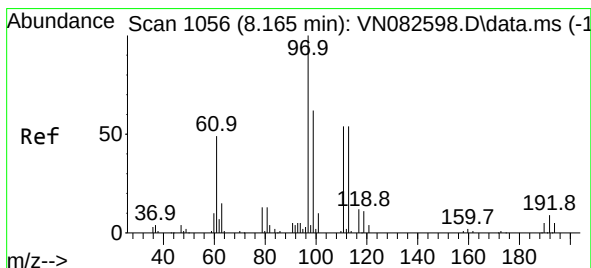
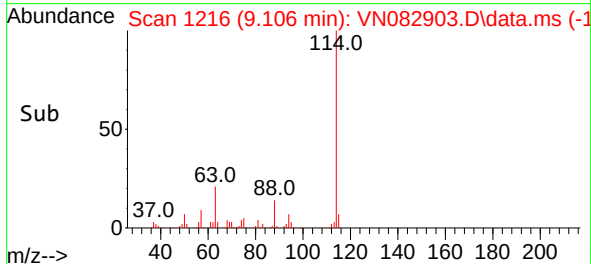
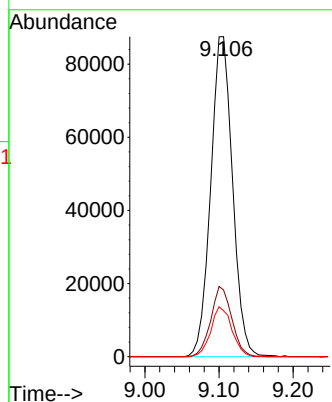
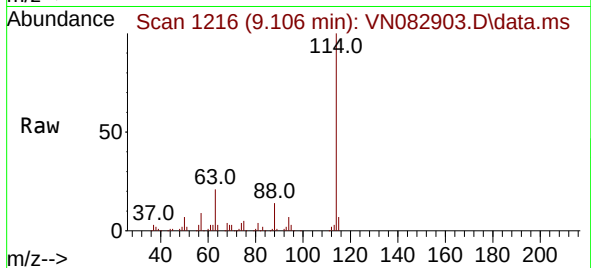




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

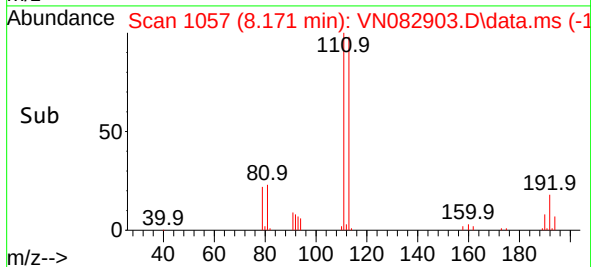
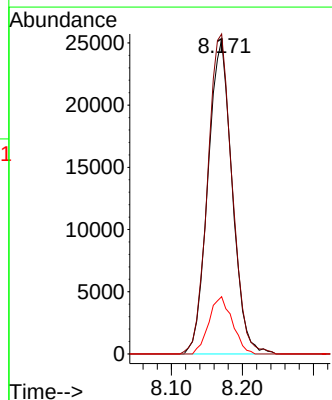
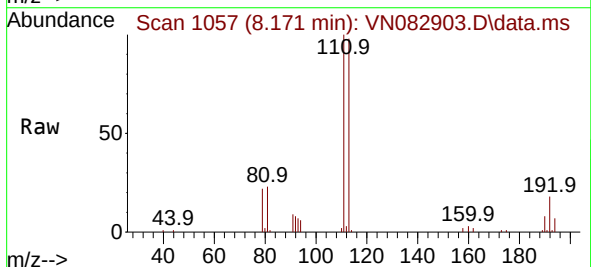
Instrument :
MSVOA_N
ClientSampleId :
PB162021TB

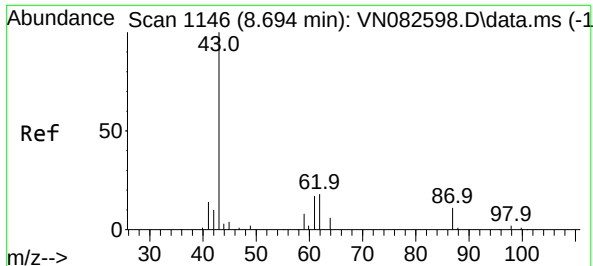
Tgt Ion:114 Resp: 179261
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.6
88 14.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.943 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

Tgt Ion:113 Resp: 59749
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 17.6 14.9 22.3





#43

Isopropyl Acetate

Concen: 44.842 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082903.D

Acq: 12 Jul 2024 16:41

Instrument :

MSVOA_N

ClientSampleId :

PB162021TB

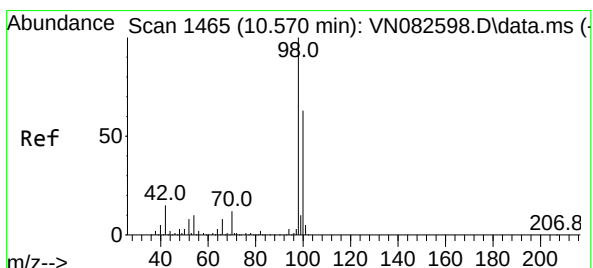
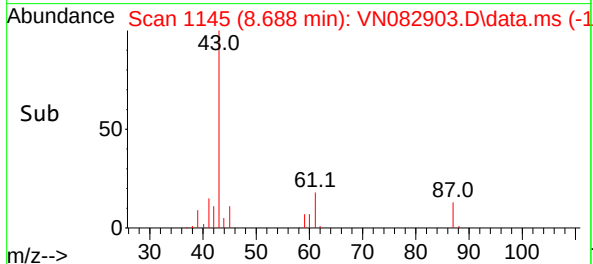
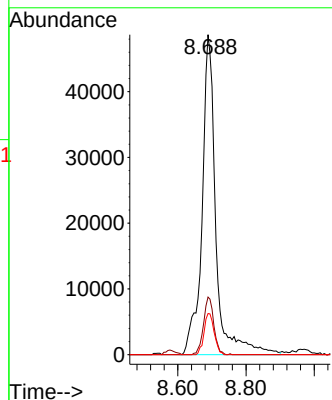
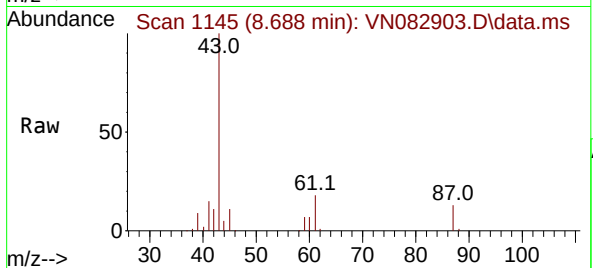
Tgt Ion: 43 Resp: 137454

Ion Ratio Lower Upper

43 100

61 13.4 17.8 26.6#

87 9.5 8.2 12.2



#50

Toluene-d8

Concen: 53.121 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082903.D

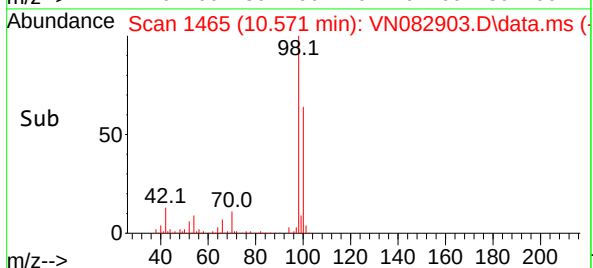
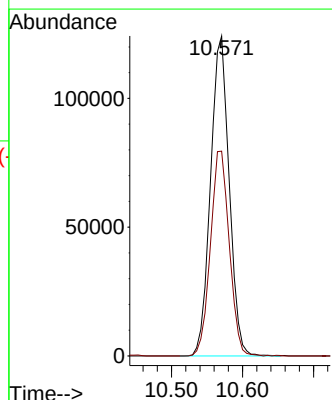
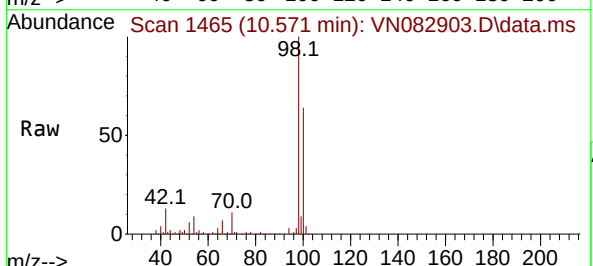
Acq: 12 Jul 2024 16:41

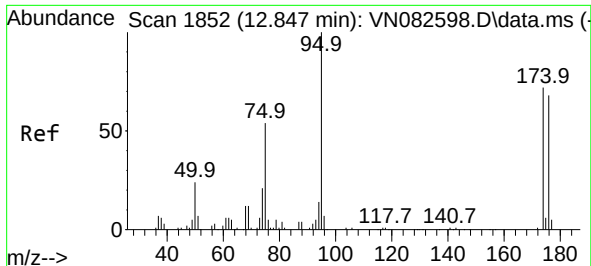
Tgt Ion: 98 Resp: 225685

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3

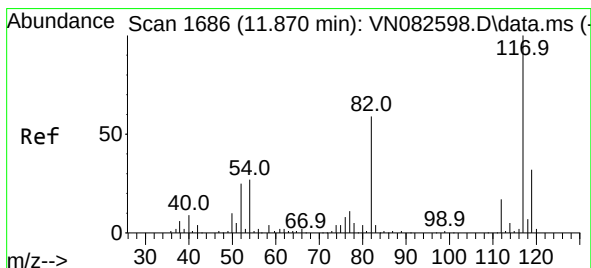
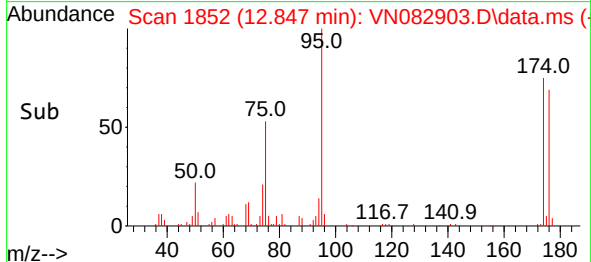
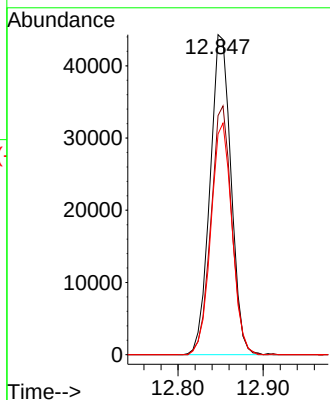
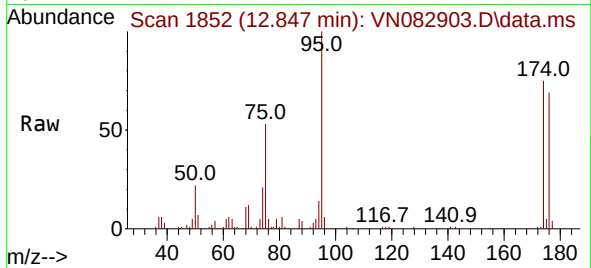




#62
4-Bromofluorobenzene
Concen: 49.821 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

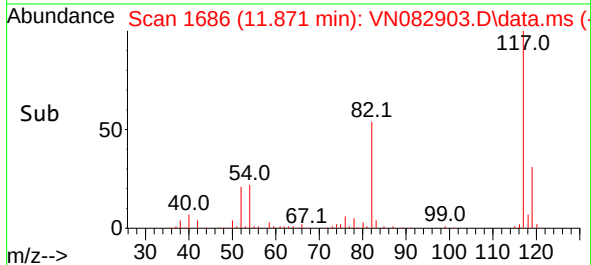
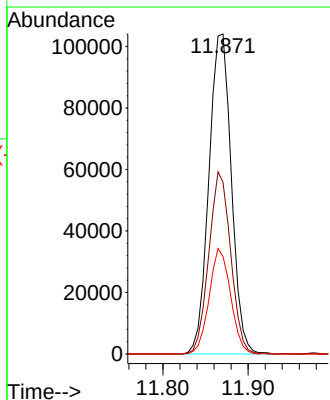
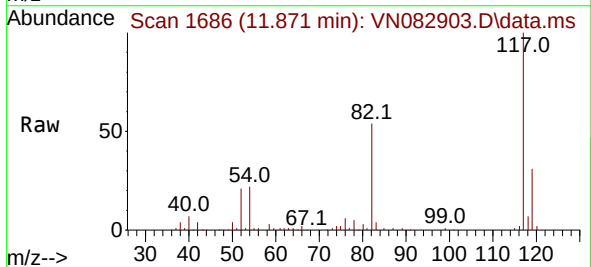
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MSVOA_N
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PB162021TB

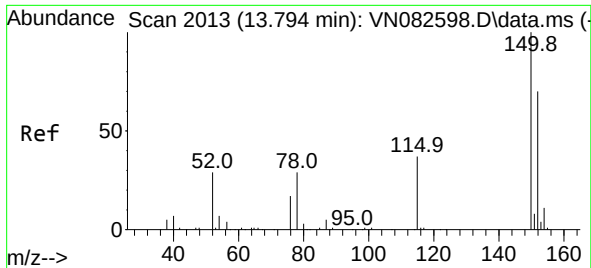
Tgt Ion: 95 Resp: 76032
Ion Ratio Lower Upper
95 100
174 77.0 0.0 159.2
176 72.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN082903.D
Acq: 12 Jul 2024 16:41

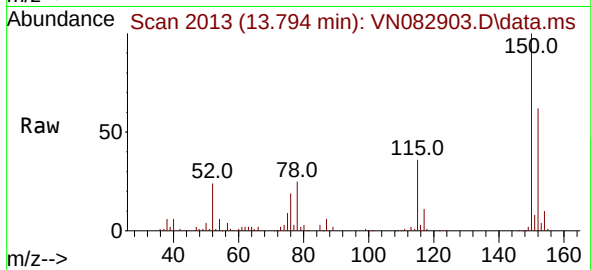
Tgt Ion: 117 Resp: 190280
Ion Ratio Lower Upper
117 100
82 53.6 47.5 71.3
119 30.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082903.D
 Acq: 12 Jul 2024 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
 PB162021TB



Tgt Ion:152 Resp: 74009
 Ion Ratio Lower Upper
 152 100
 115 60.8 30.6 91.6
 150 159.8 0.0 348.6

