

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082636.D
 Acq On : 19 Jun 2024 13:08
 Operator : JC\MD
 Sample : PB161542ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161542ZHE#02

Quant Time: Jun 20 02:59:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

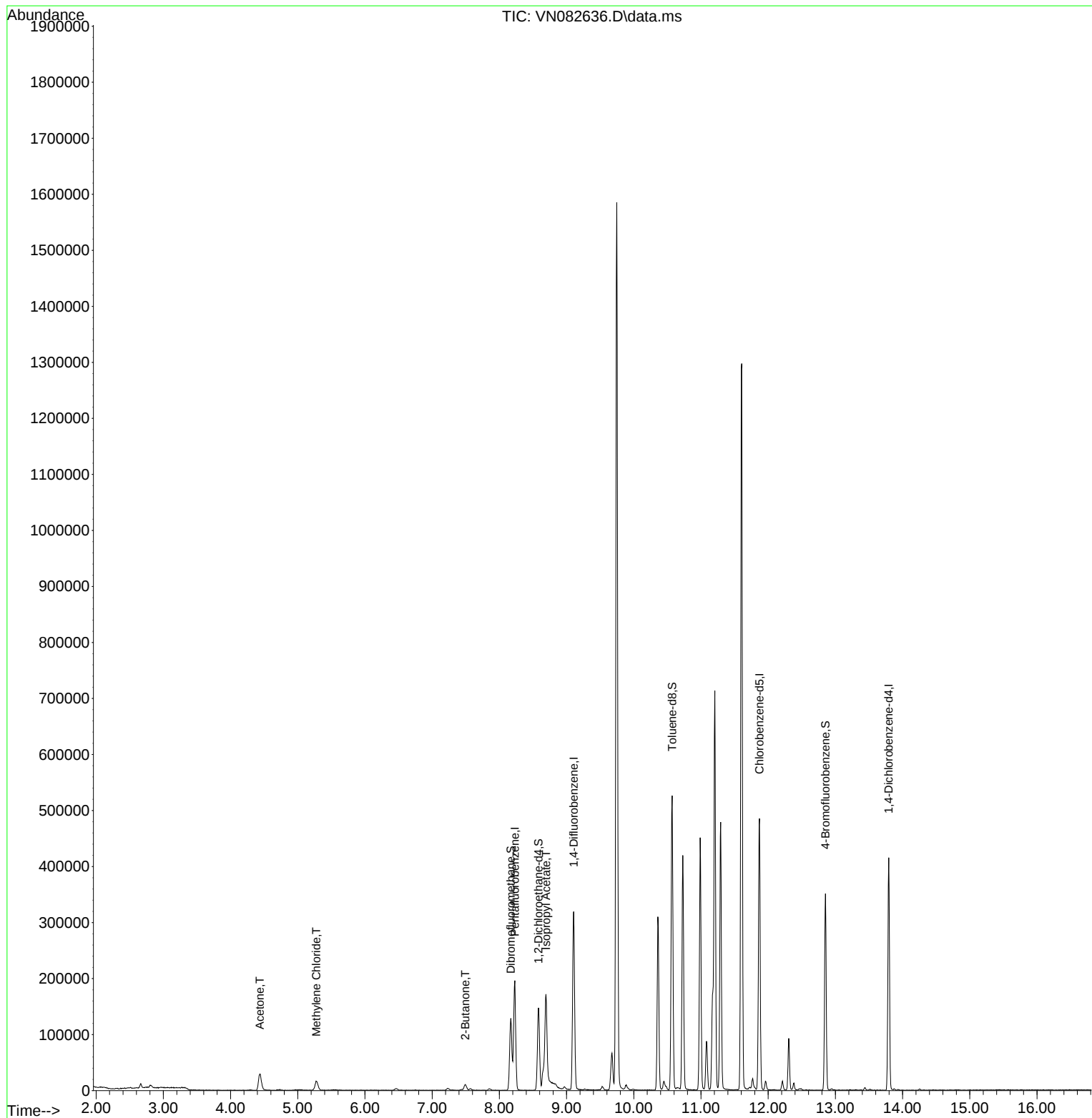
Internal Standards						
1) Pentafluorobenzene	8.230	168	132244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	252073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	259069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121491	57.288	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.580%
35) Dibromofluoromethane	8.171	113	88870	51.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.940%
50) Toluene-d8	10.571	98	339638	52.521	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.040%
62) 4-Bromofluorobenzene	12.853	95	110784	49.690	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	99.380%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	58860	61.028	ug/l	98
20) Methylene Chloride	5.277	84	11657	6.875	ug/l	96
25) 2-Butanone	7.494	43	17352	12.658	ug/l	97
43) Isopropyl Acetate	8.694	43	234248	38.493	ug/l #	84

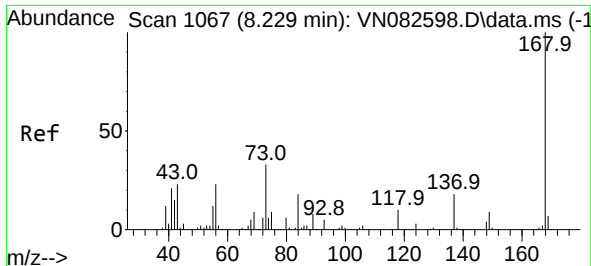
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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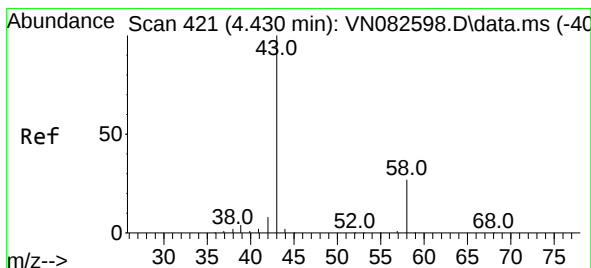
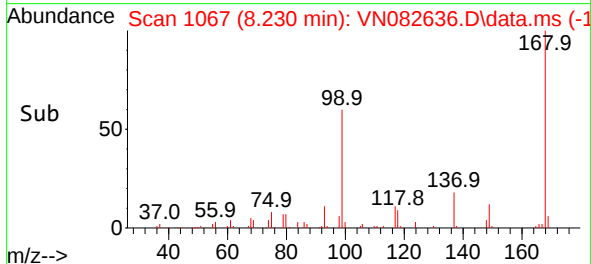
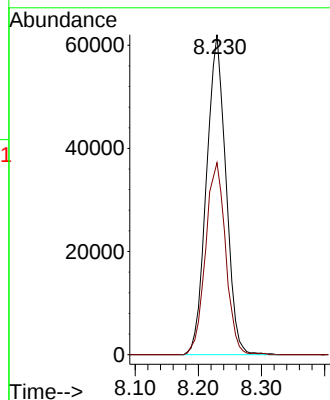
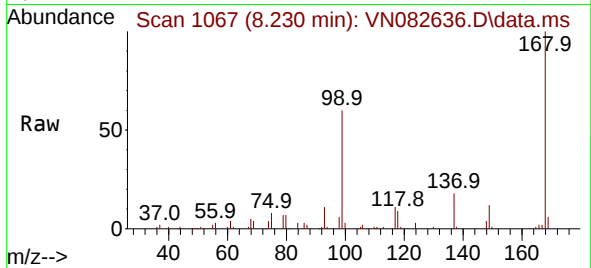




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082636.D
Acq: 19 Jun 2024 13:08

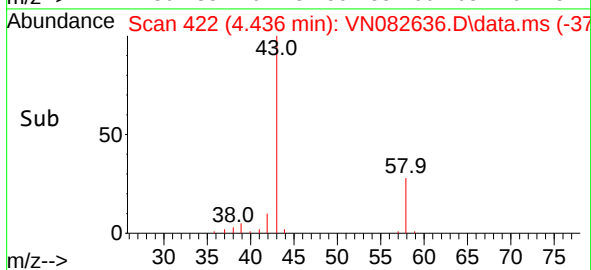
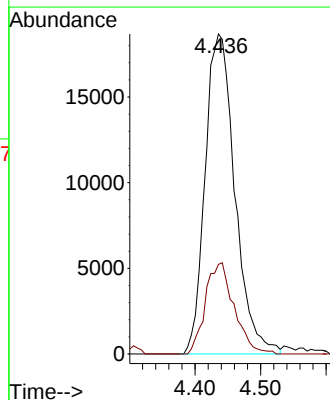
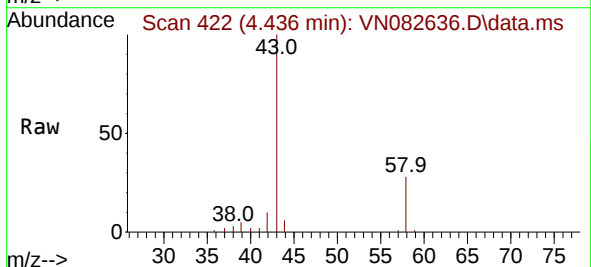
Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#02

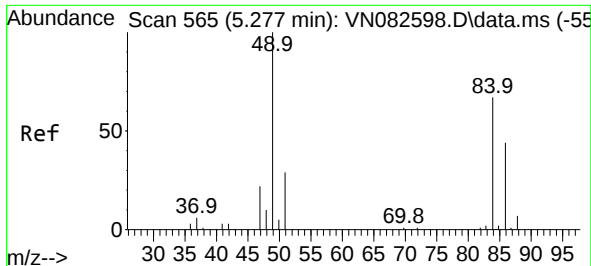
Tgt Ion:168 Resp: 132244
Ion Ratio Lower Upper
168 100
99 60.0 48.2 72.4



#16
Acetone
Concen: 61.028 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082636.D
Acq: 19 Jun 2024 13:08

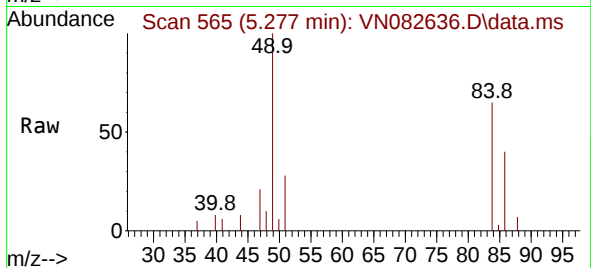
Tgt Ion: 43 Resp: 58860
Ion Ratio Lower Upper
43 100
58 28.0 21.8 32.6



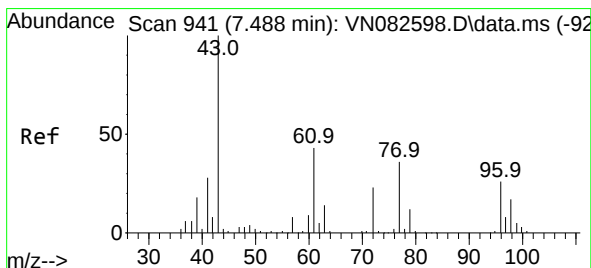
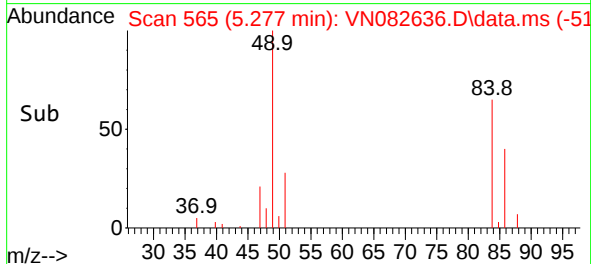
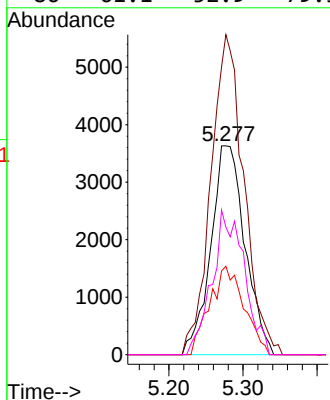


#20
Methylene Chloride
Concen: 6.875 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082636.D
Acq: 19 Jun 2024 13:08

Instrument :
MSVOA_N
ClientSampleId :
PB161542ZHE#02

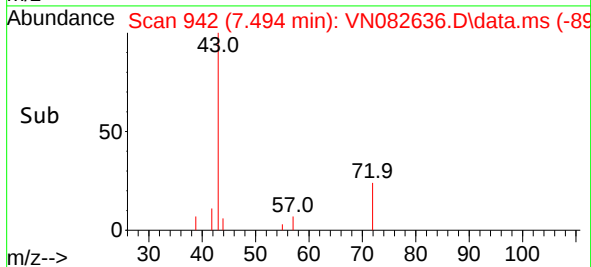
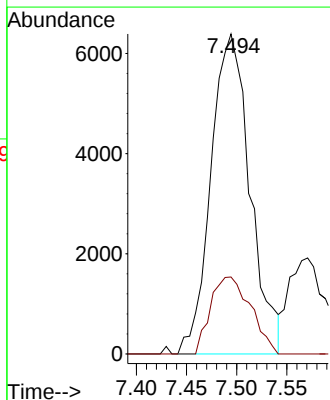
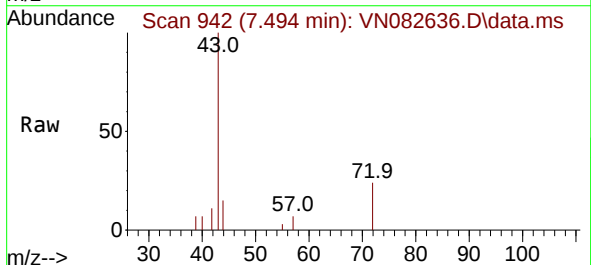


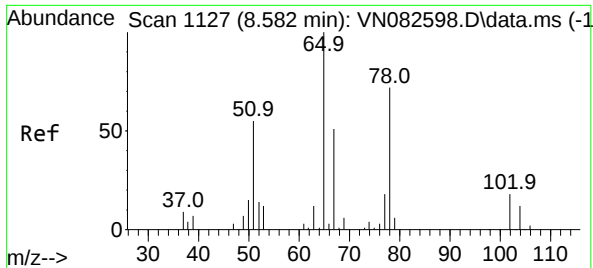
Tgt Ion:	84	Resp:	11657
Ion	Ratio	Lower	Upper
84	100		
49	153.2	119.6	179.4
51	42.3	34.8	52.2
86	61.1	52.9	79.3



#25
2-Butanone
Concen: 12.658 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082636.D
Acq: 19 Jun 2024 13:08

Tgt Ion:	43	Resp:	17352
Ion	Ratio	Lower	Upper
43	100		
72	24.0	18.2	27.2

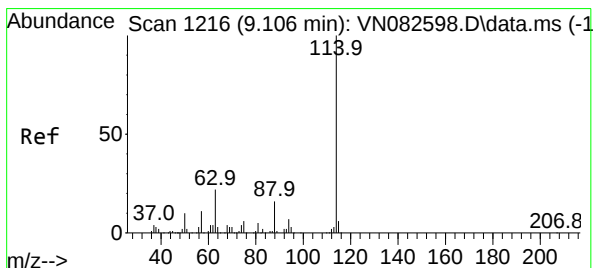
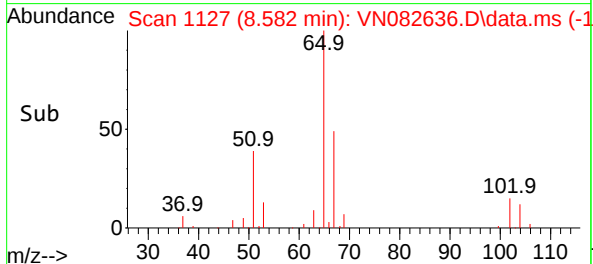
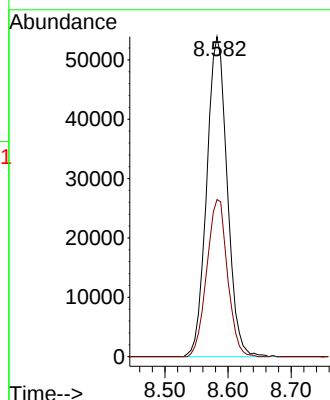
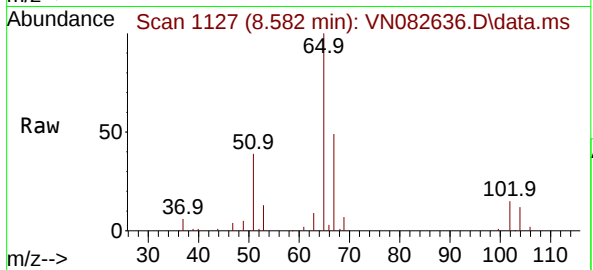




#33
 1,2-Dichloroethane-d4
 Concen: 57.288 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082636.D
 Acq: 19 Jun 2024 13:08

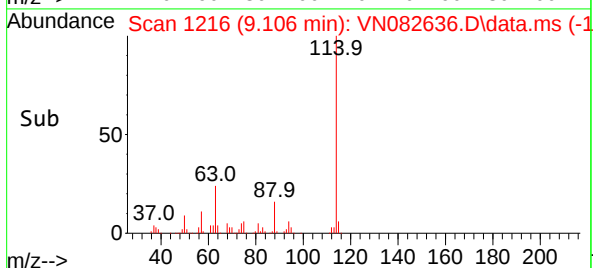
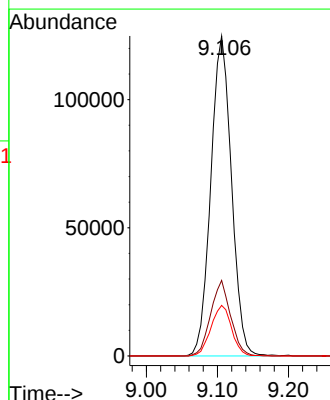
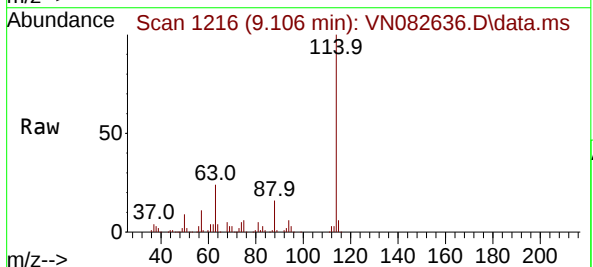
Instrument :
 MSVOA_N
 ClientSampleId :
 PB161542ZHE#02

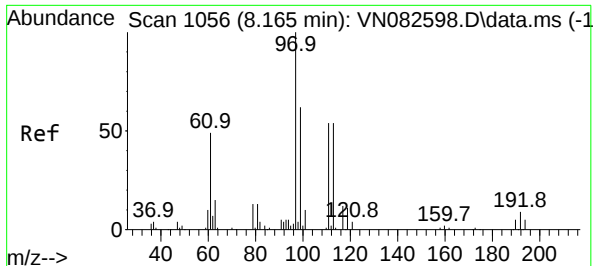
Tgt Ion: 65 Resp: 121491
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082636.D
 Acq: 19 Jun 2024 13:08

Tgt Ion: 114 Resp: 252073
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 44.6
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.970 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082636.D

Acq: 19 Jun 2024 13:08

Instrument :

MSVOA_N

ClientSampleId :

PB161542ZHE#02

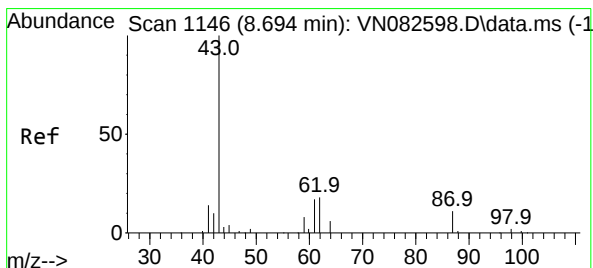
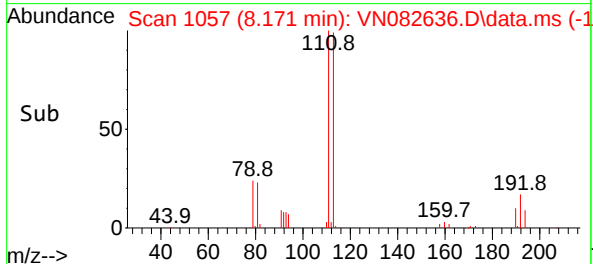
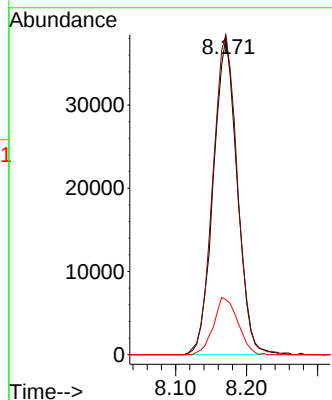
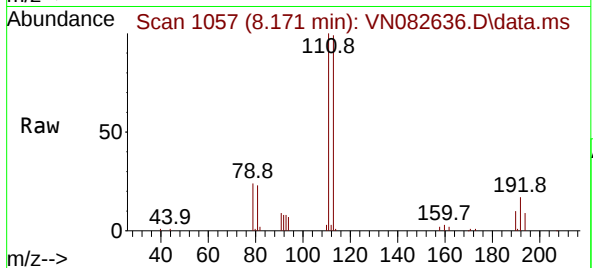
Tgt Ion:113 Resp: 88870

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 18.3 14.9 22.3



#43

Isopropyl Acetate

Concen: 38.493 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082636.D

Acq: 19 Jun 2024 13:08

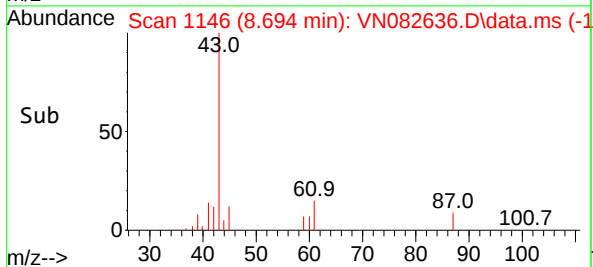
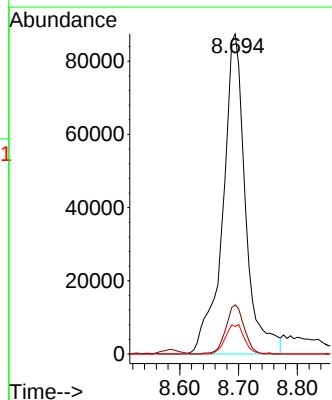
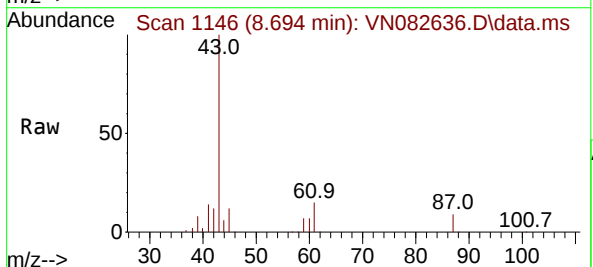
Tgt Ion: 43 Resp: 234248

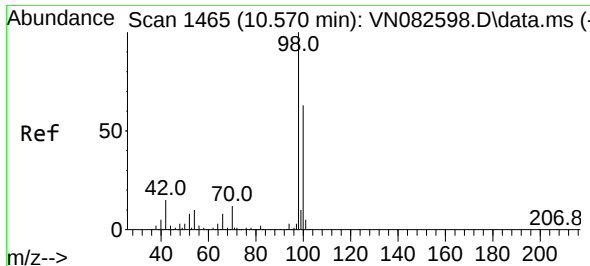
Ion Ratio Lower Upper

43 100

61 12.4 17.8 26.6#

87 7.6 8.2 12.2#

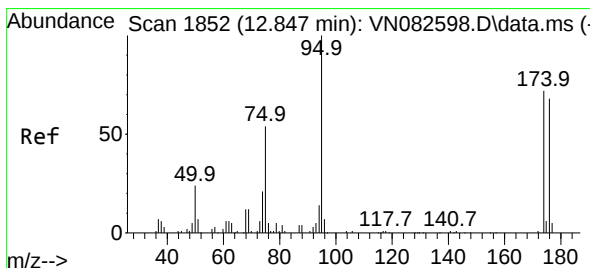
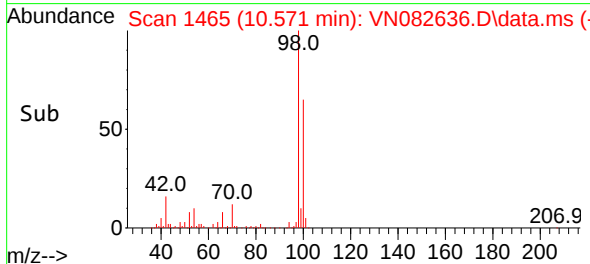
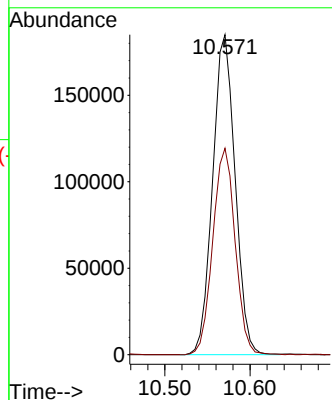
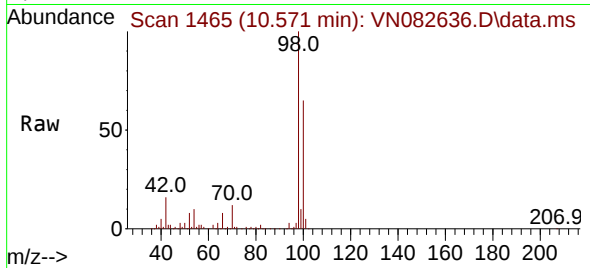




#50
Toluene-d8
Concen: 52.521 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082636.D
Acq: 19 Jun 2024 13:08

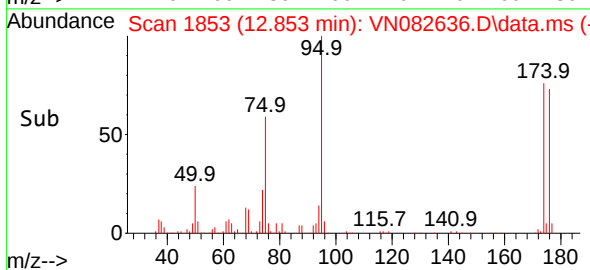
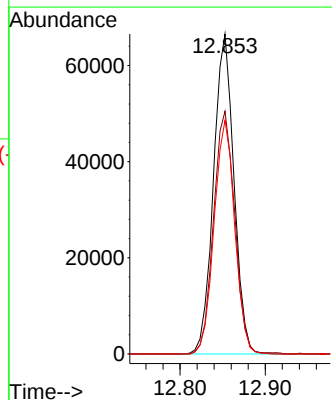
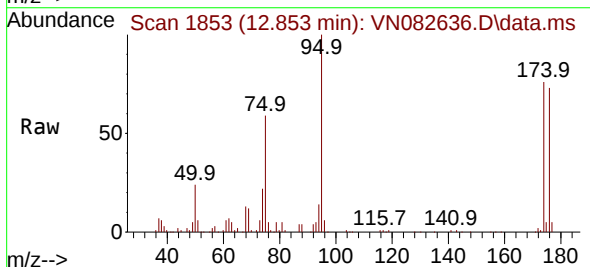
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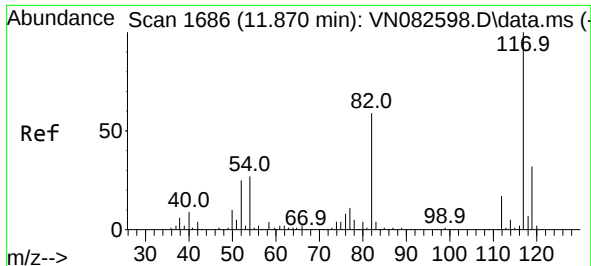
Tgt Ion: 98 Resp: 339638
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 49.690 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082636.D
Acq: 19 Jun 2024 13:08

Tgt Ion: 95 Resp: 110784
Ion Ratio Lower Upper
95 100
174 78.8 0.0 159.2
176 73.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082636.D

Acq: 19 Jun 2024 13:08

Instrument :

MSVOA_N

ClientSampleId :

PB161542ZHE#02

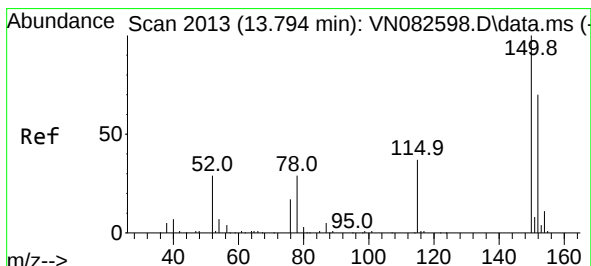
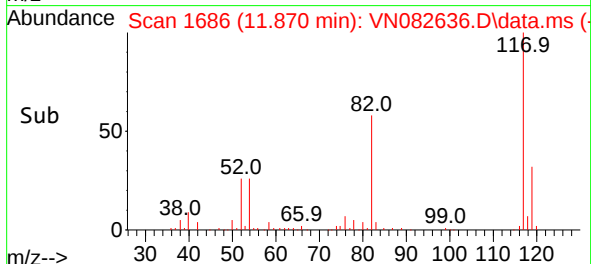
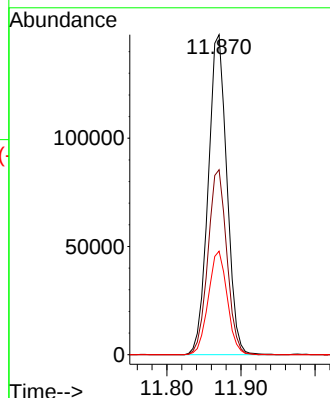
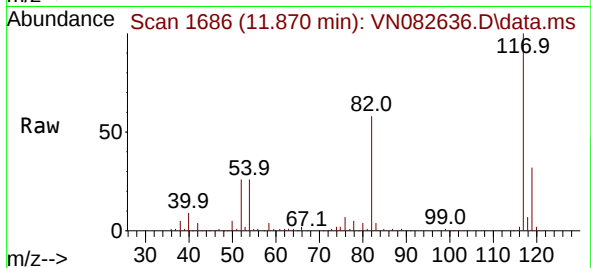
Tgt Ion:117 Resp: 259069

Ion Ratio Lower Upper

117 100

82 57.8 47.5 71.3

119 32.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082636.D

Acq: 19 Jun 2024 13:08

Tgt Ion:152 Resp: 103936

Ion Ratio Lower Upper

152 100

115 59.2 30.6 91.6

150 158.9 0.0 348.6

