

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082713.D
 Acq On : 25 Jun 2024 13:20
 Operator : JC\MD
 Sample : PB161676ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#05

Quant Time: Jun 26 01:21:33 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)

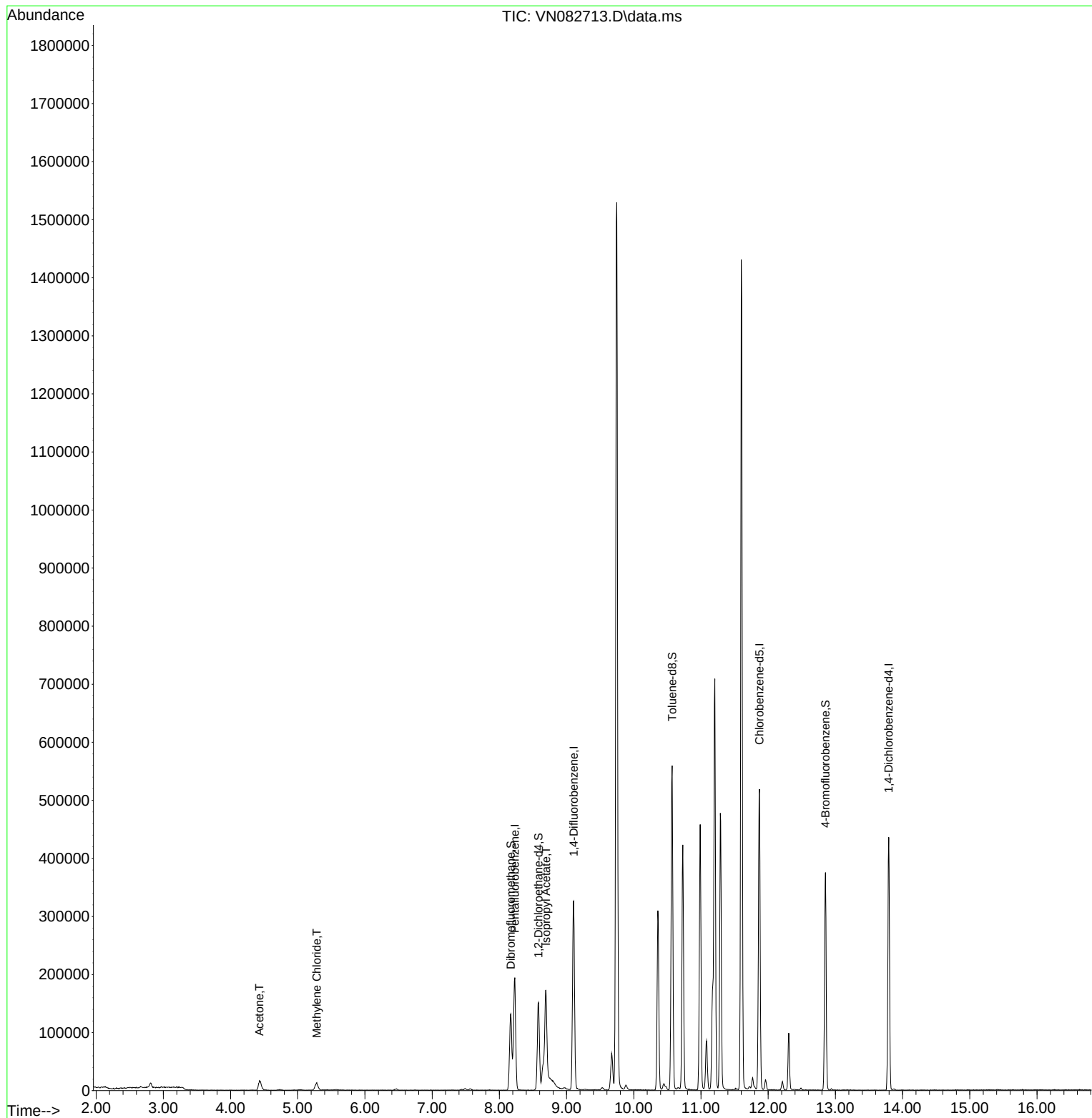
Internal Standards						
1) Pentafluorobenzene	8.230	168	132990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	263214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	278428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124285	58.277	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.560%	
35) Dibromofluoromethane	8.171	113	93455	52.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.680%	
50) Toluene-d8	10.571	98	359811	53.285	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.580%	
62) 4-Bromofluorobenzene	12.853	95	116333	49.970	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 99.940%	
Target Compounds						Qvalue
16) Acetone	4.430	43	32683	33.697	ug/l	99
20) Methylene Chloride	5.283	84	8659	5.078	ug/l	98
43) Isopropyl Acetate	8.694	43	274296	43.166	ug/l #	80

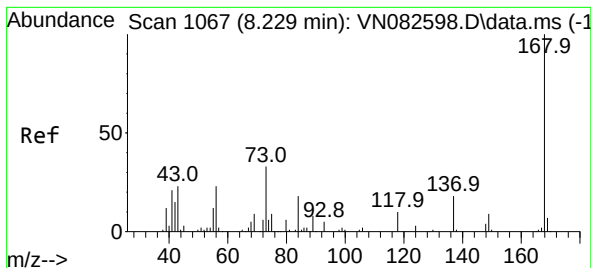
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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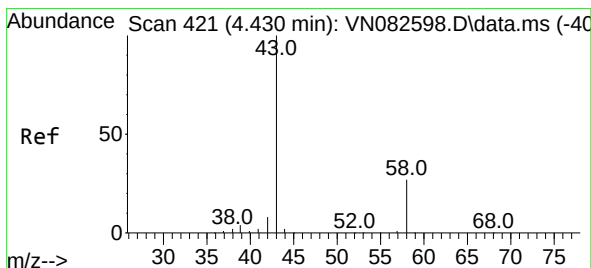
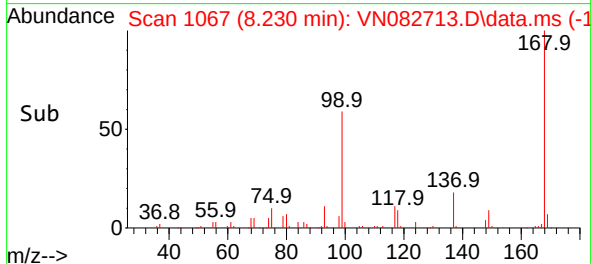
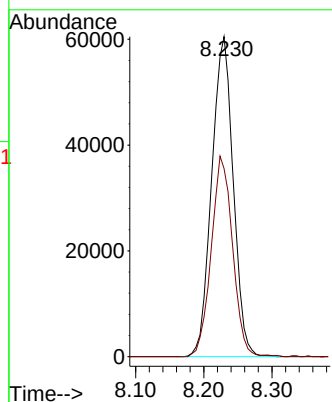
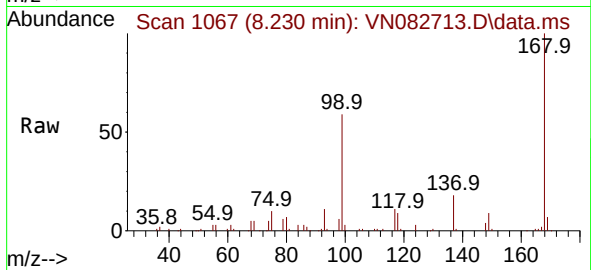




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082713.D
Acq: 25 Jun 2024 13:20

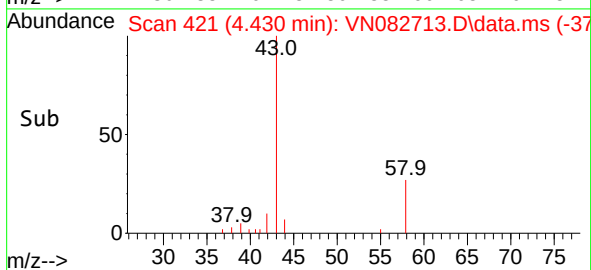
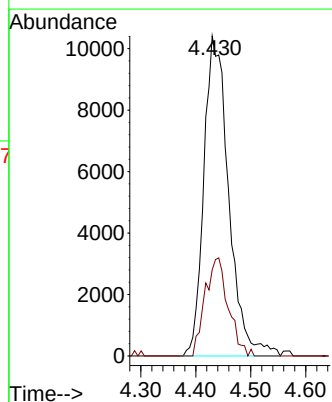
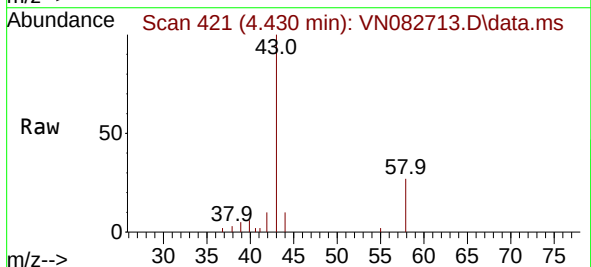
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#05

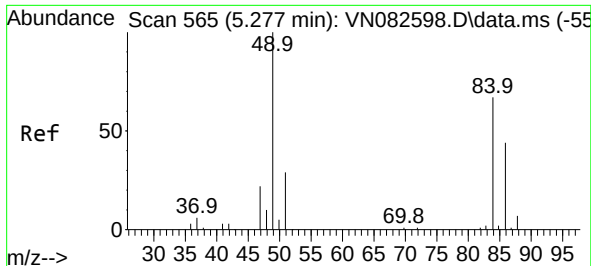
Tgt Ion:168 Resp: 132990
Ion Ratio Lower Upper
168 100
99 58.8 48.2 72.4



#16
Acetone
Concen: 33.697 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082713.D
Acq: 25 Jun 2024 13:20

Tgt Ion: 43 Resp: 32683
Ion Ratio Lower Upper
43 100
58 26.9 21.8 32.6

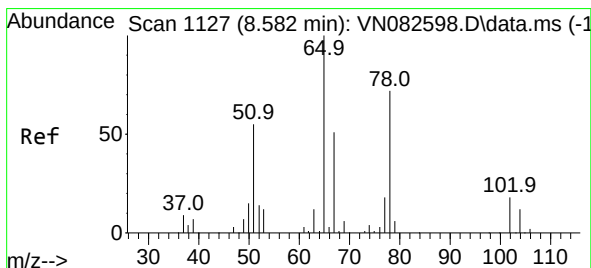
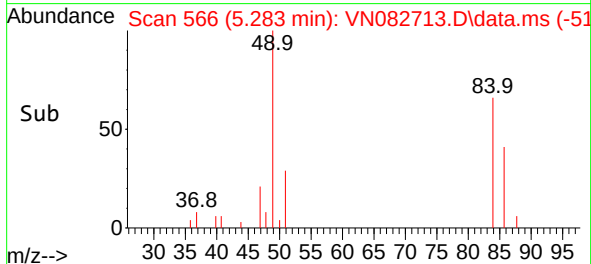
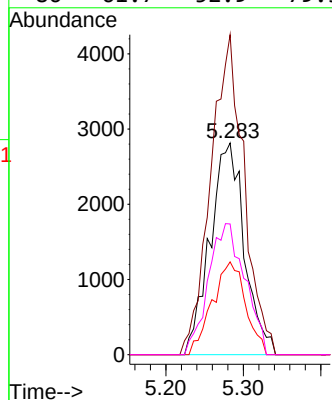
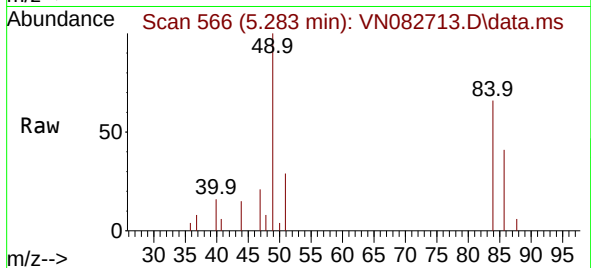




#20
Methylene Chloride
Concen: 5.078 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082713.D
Acq: 25 Jun 2024 13:20

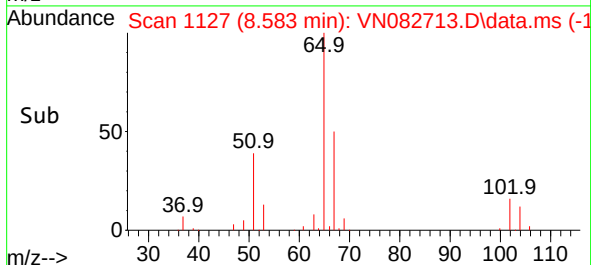
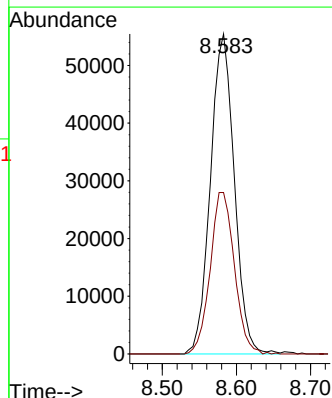
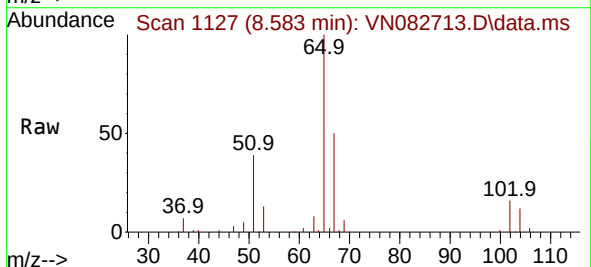
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#05

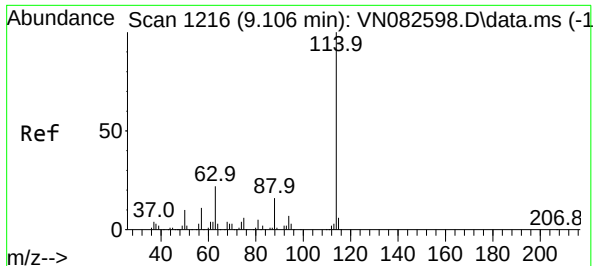
Tgt Ion:	84	Resp:	8659
Ion	Ratio	Lower	Upper
84	100		
49	151.2	119.6	179.4
51	43.8	34.8	52.2
86	61.7	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 58.277 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082713.D
Acq: 25 Jun 2024 13:20

Tgt Ion:	65	Resp:	124285
Ion	Ratio	Lower	Upper
65	100		
67	51.1	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: VN082713.D

Acq: 25 Jun 2024 13:20

Instrument :

MSVOA_N

ClientSampleId :

PB161676ZHE#05

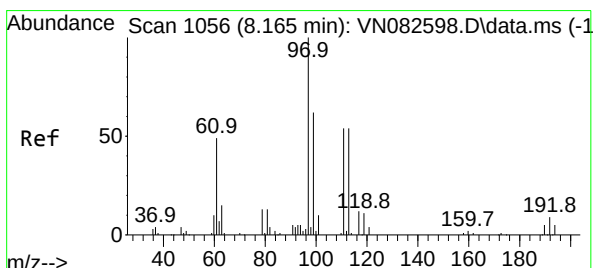
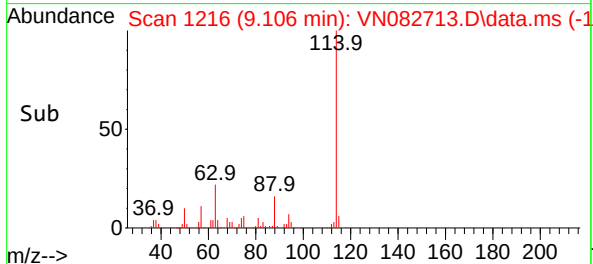
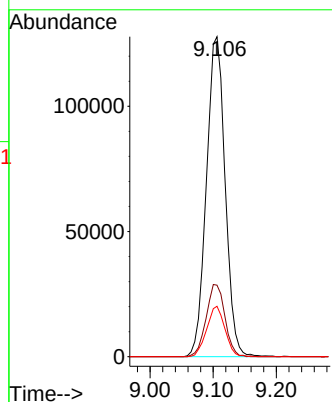
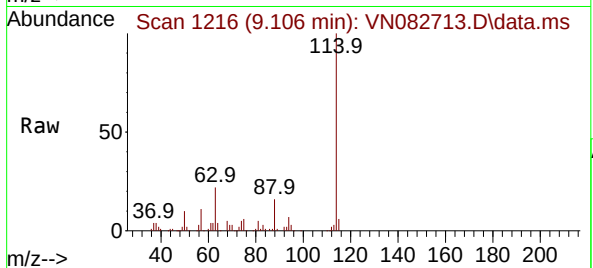
Tgt Ion:114 Resp: 263214

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.338 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082713.D

Acq: 25 Jun 2024 13:20

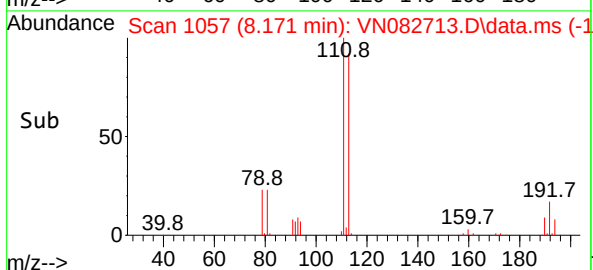
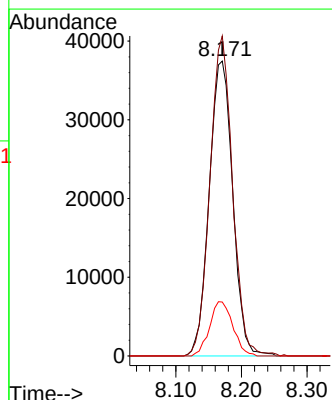
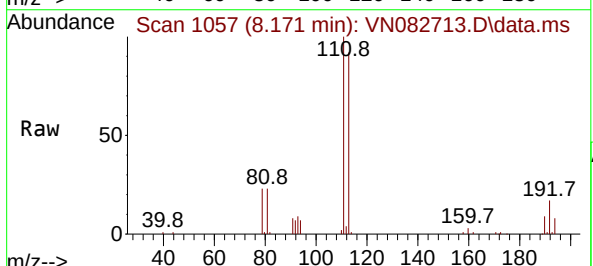
Tgt Ion:113 Resp: 93455

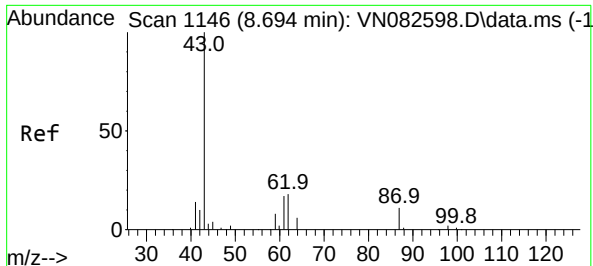
Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 18.2 14.9 22.3

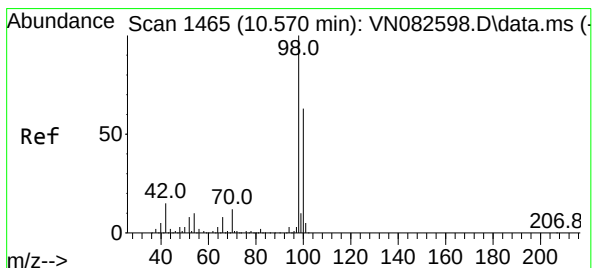
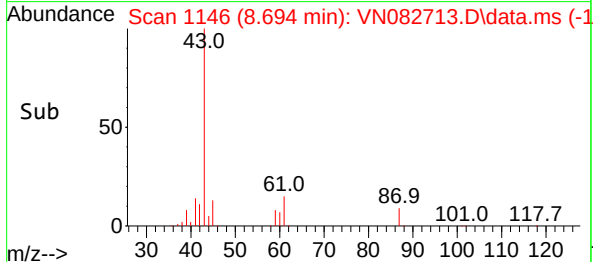
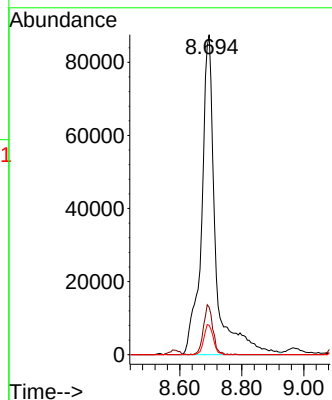
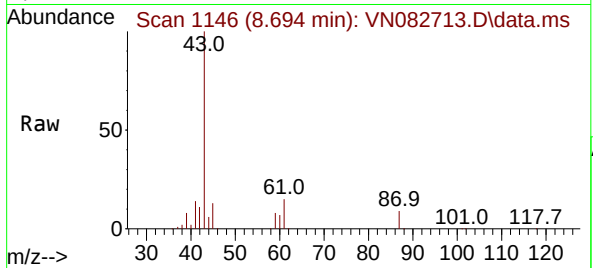




#43
Isopropyl Acetate
Concen: 43.166 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082713.D
Acq: 25 Jun 2024 13:20

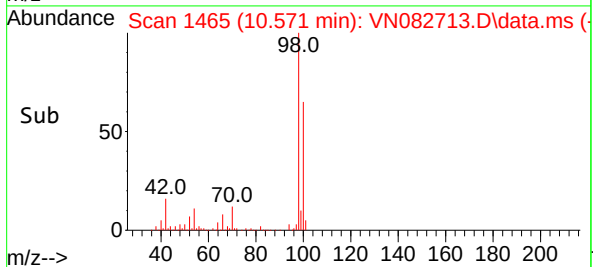
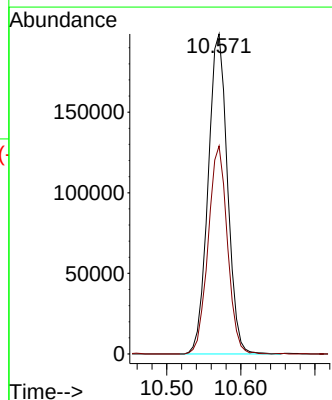
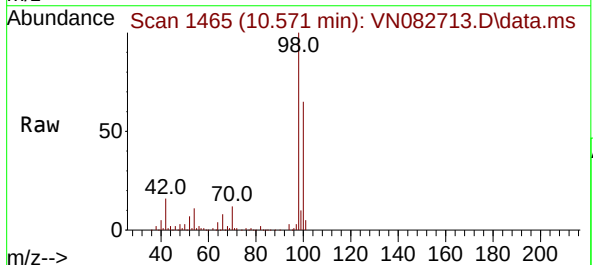
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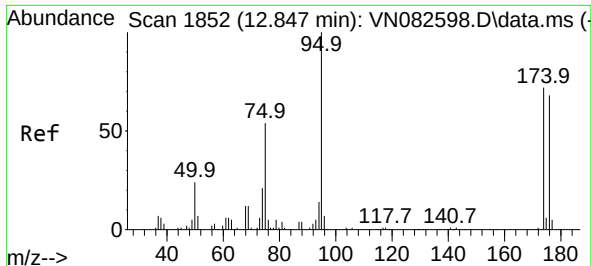
Tgt Ion: 43 Resp: 274296
Ion Ratio Lower Upper
43 100
61 10.5 17.8 26.6#
87 6.3 8.2 12.2#



#50
Toluene-d8
Concen: 53.285 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082713.D
Acq: 25 Jun 2024 13:20

Tgt Ion: 98 Resp: 359811
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

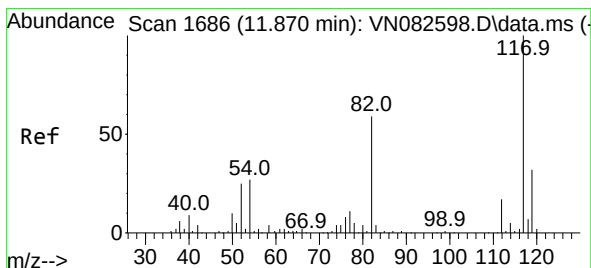
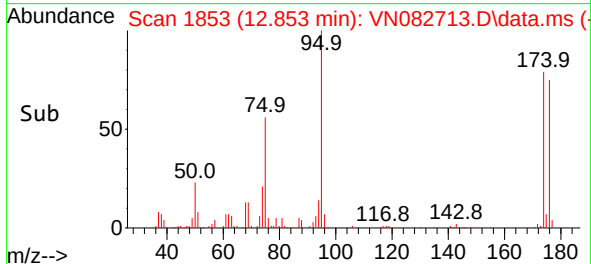
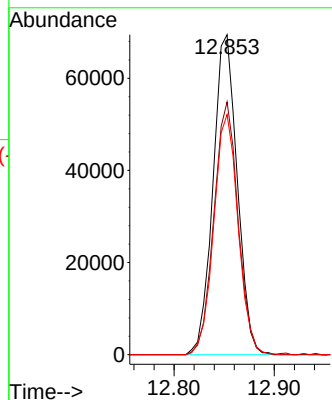
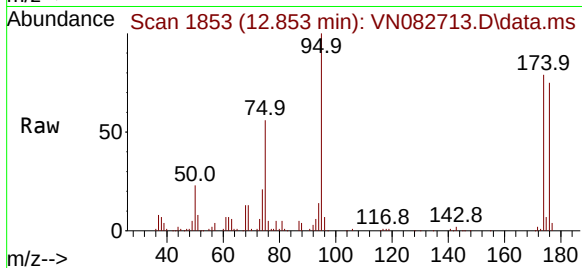




#62
4-Bromofluorobenzene
Concen: 49.970 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082713.D
Acq: 25 Jun 2024 13:20

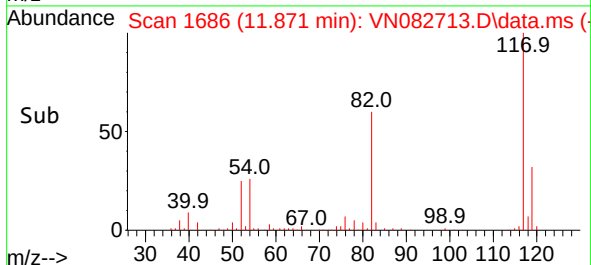
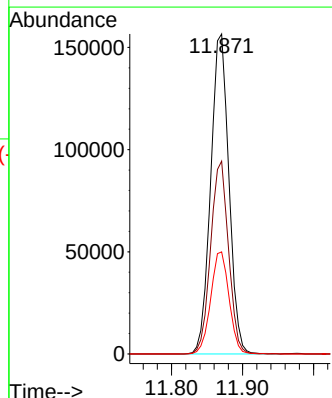
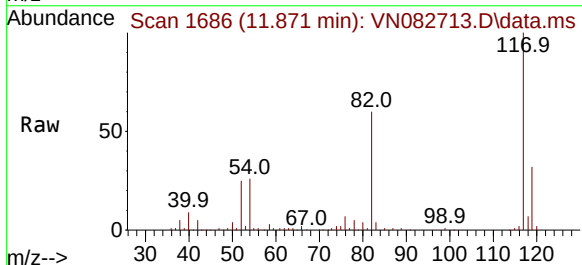
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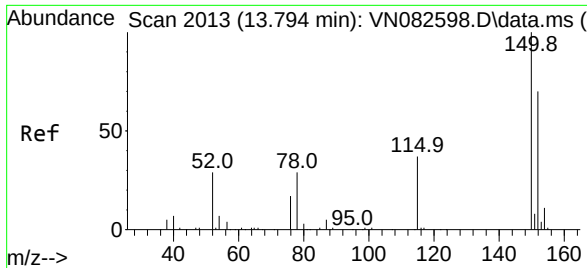
Tgt Ion: 95 Resp: 116333
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.2
176 75.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082713.D
Acq: 25 Jun 2024 13:20

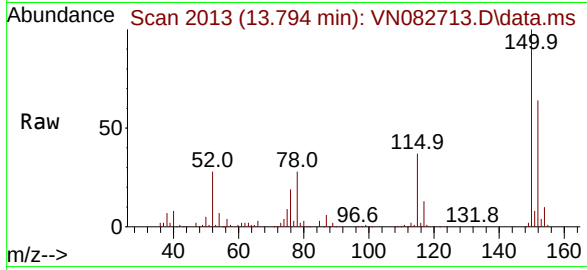
Tgt Ion: 117 Resp: 278428
Ion Ratio Lower Upper
117 100
82 60.2 47.5 71.3
119 31.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082713.D
 Acq: 25 Jun 2024 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#05



Tgt Ion:152 Resp: 109698
 Ion Ratio Lower Upper
 152 100
 115 59.3 30.6 91.6
 150 159.2 0.0 348.6

