

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
 Data File : VN082686.D
 Acq On : 21 Jun 2024 18:35
 Operator : JC\MD
 Sample : PB161606ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161606ZHE#03

Quant Time: Jun 24 02:16:31 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)

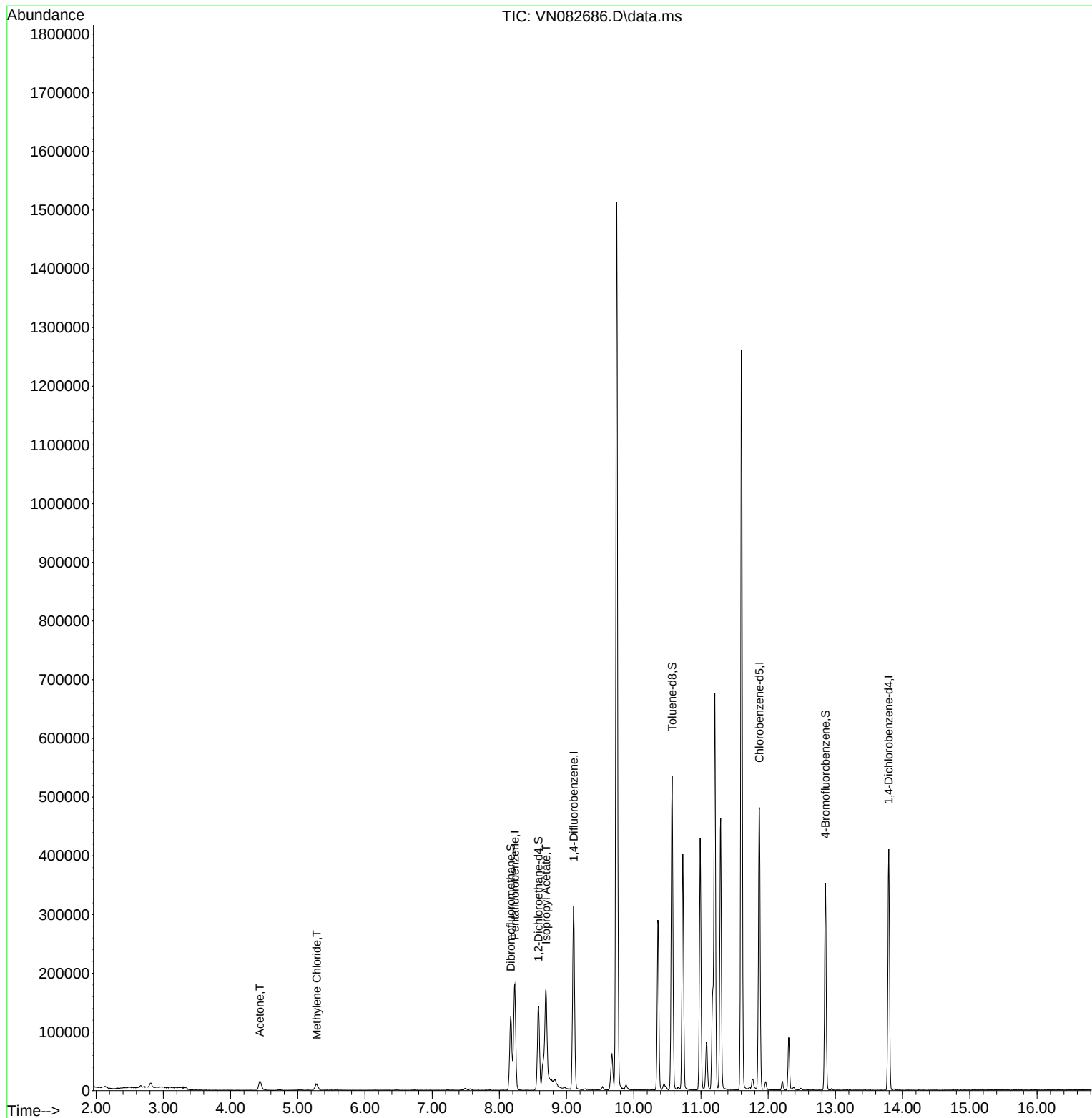
Internal Standards						
1) Pentafluorobenzene	8.230	168	124696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	243330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	262349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119162	59.591	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 119.180%		
35) Dibromofluoromethane	8.171	113	87476	52.992	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 105.980%		
50) Toluene-d8	10.571	98	338720	54.261	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 108.520%		
62) 4-Bromofluorobenzene	12.853	95	107860	50.117	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery	= 100.240%		
Target Compounds						Qvalue
16) Acetone	4.436	43	31309	34.427	ug/l	94
20) Methylene Chloride	5.283	84	7630	4.772	ug/l	87
43) Isopropyl Acetate	8.694	43	241132	41.048	ug/l #	82

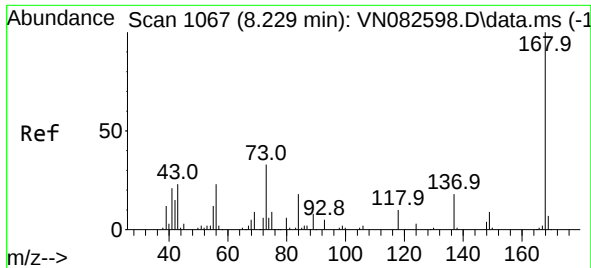
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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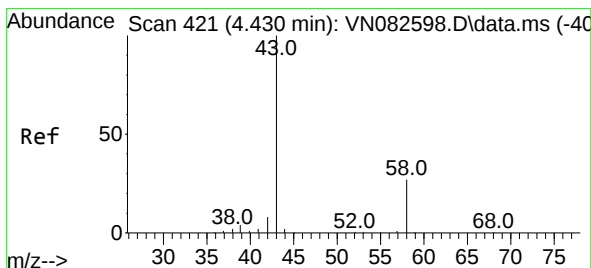
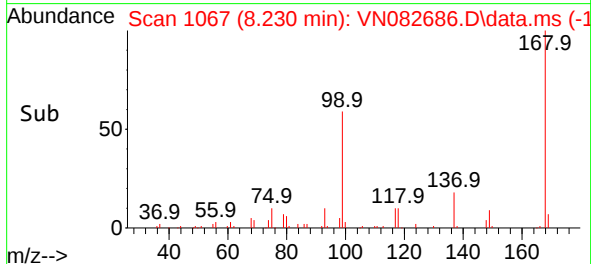
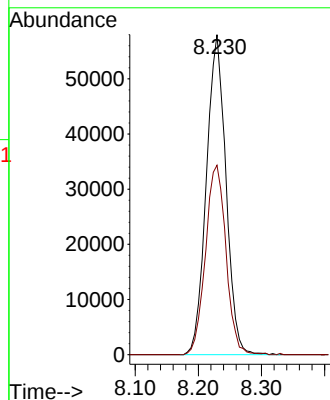
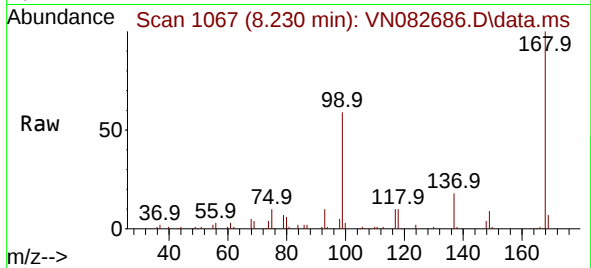




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082686.D
Acq: 21 Jun 2024 18:35

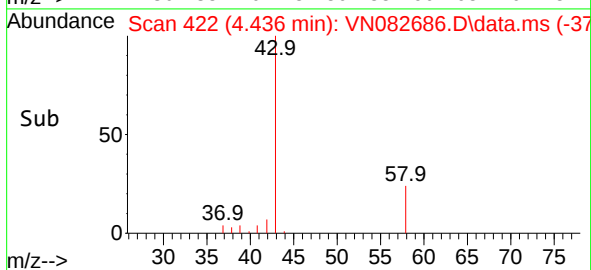
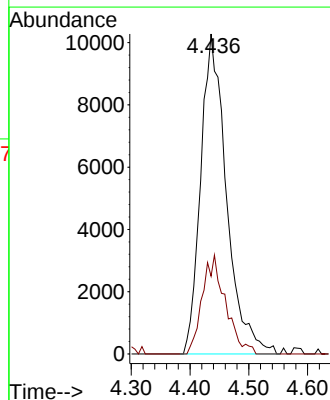
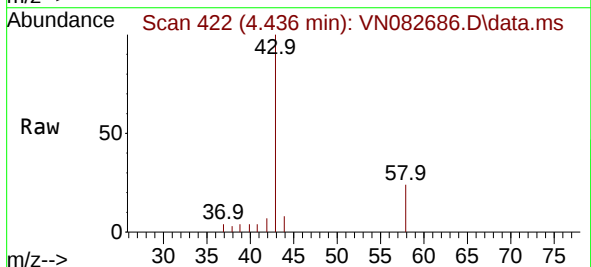
Instrument :
MSVOA_N
ClientSampleId :
PB161606ZHE#03

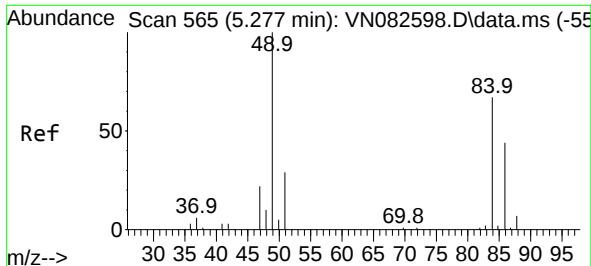
Tgt Ion:168 Resp: 124696
Ion Ratio Lower Upper
168 100
99 59.2 48.2 72.4



#16
Acetone
Concen: 34.427 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082686.D
Acq: 21 Jun 2024 18:35

Tgt Ion: 43 Resp: 31309
Ion Ratio Lower Upper
43 100
58 24.3 21.8 32.6

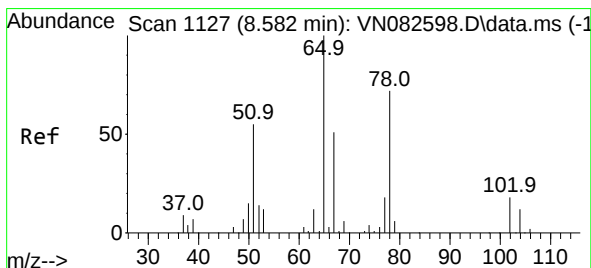
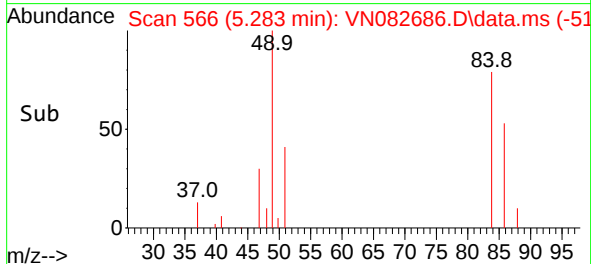
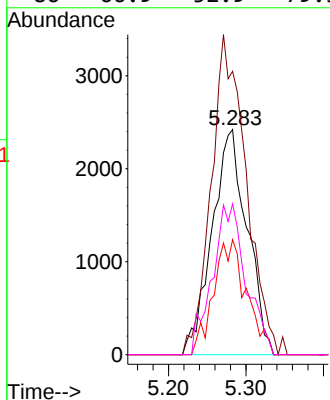
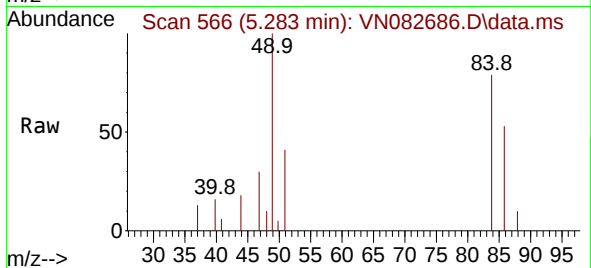




#20
Methylene Chloride
Concen: 4.772 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082686.D
Acq: 21 Jun 2024 18:35

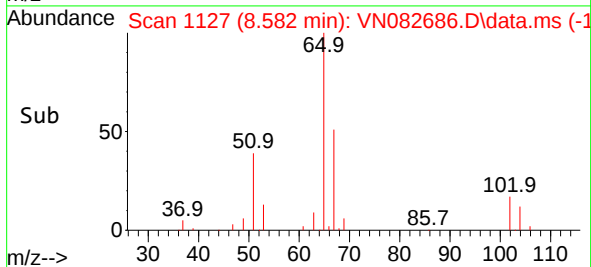
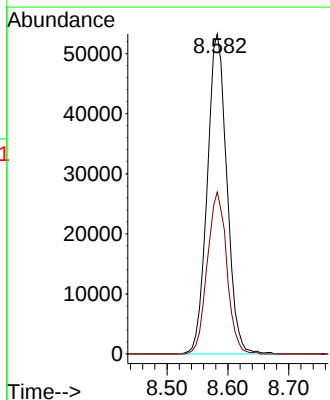
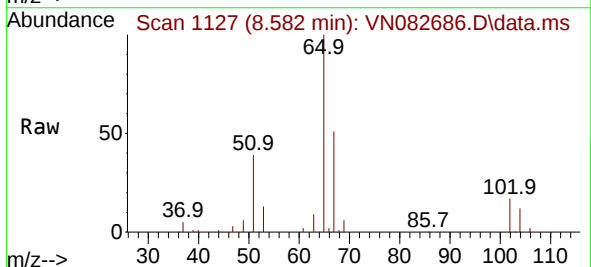
Instrument :
MSVOA_N
ClientSampleId :
PB161606ZHE#03

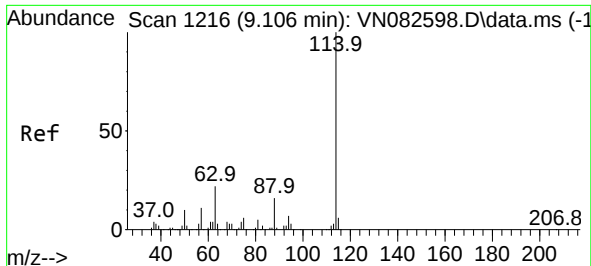
Tgt Ion:	84	Resp:	7630
Ion	Ratio	Lower	Upper
84	100		
49	125.8	119.6	179.4
51	51.1	34.8	52.2
86	66.9	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 59.591 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082686.D
Acq: 21 Jun 2024 18:35

Tgt Ion:	65	Resp:	119162
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082686.D

Acq: 21 Jun 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB161606ZHE#03

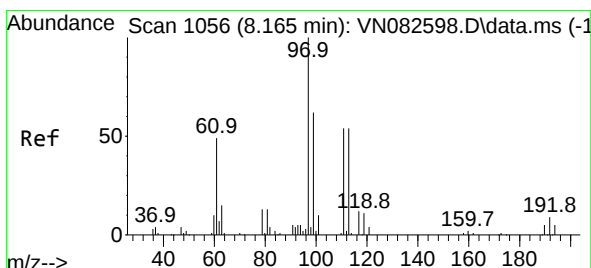
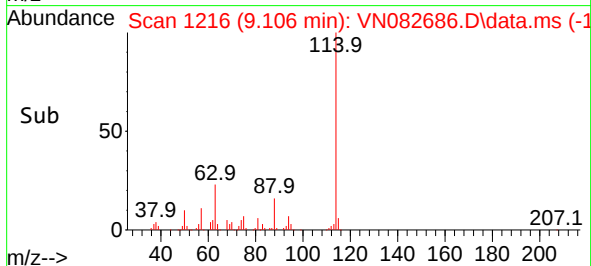
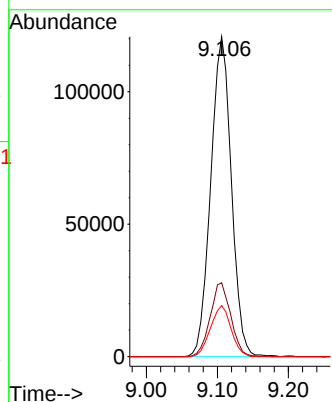
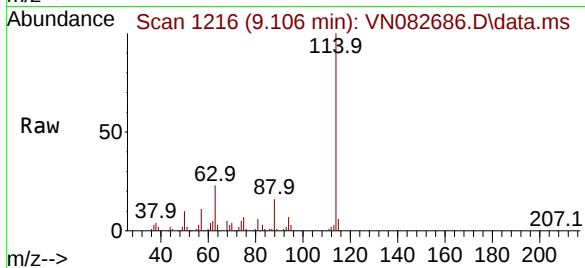
Tgt Ion:114 Resp: 243330

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.6

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.992 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082686.D

Acq: 21 Jun 2024 18:35

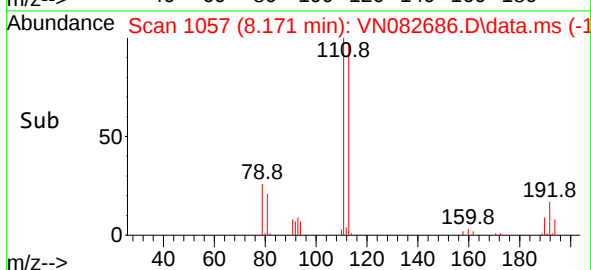
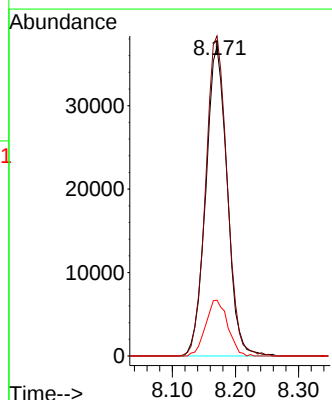
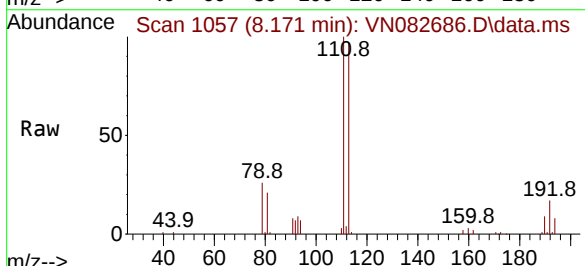
Tgt Ion:113 Resp: 87476

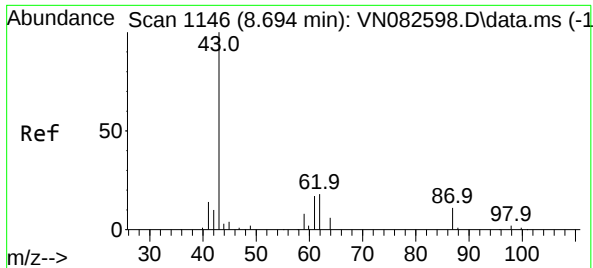
Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 18.5 14.9 22.3

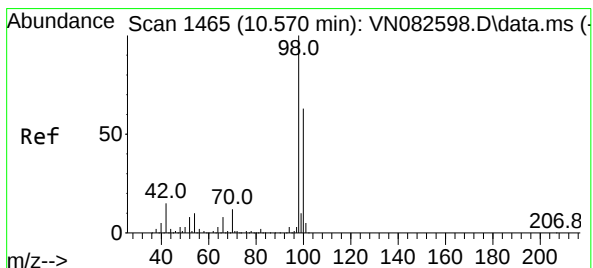
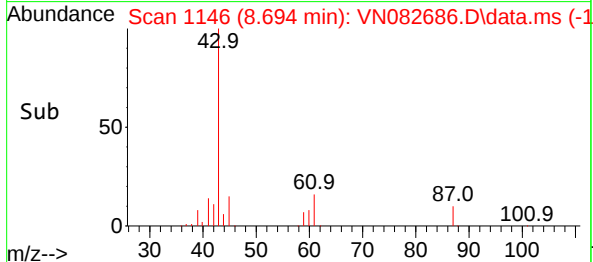
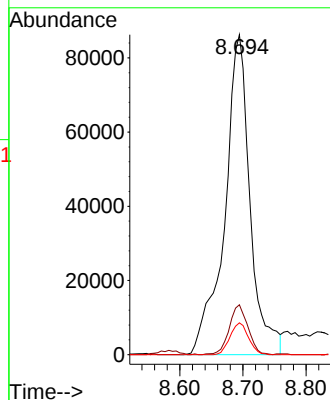
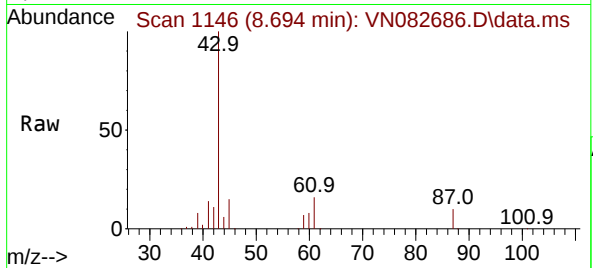




#43
Isopropyl Acetate
Concen: 41.048 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082686.D
Acq: 21 Jun 2024 18:35

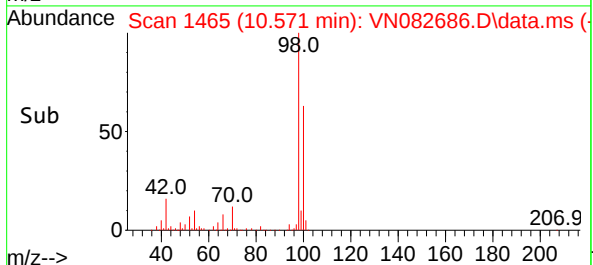
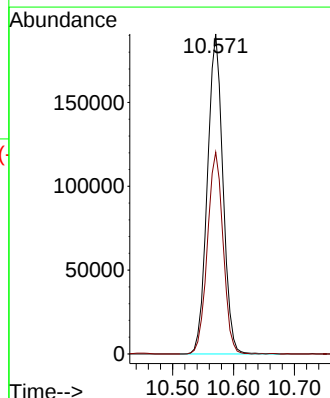
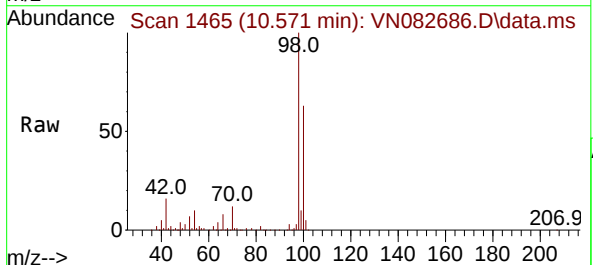
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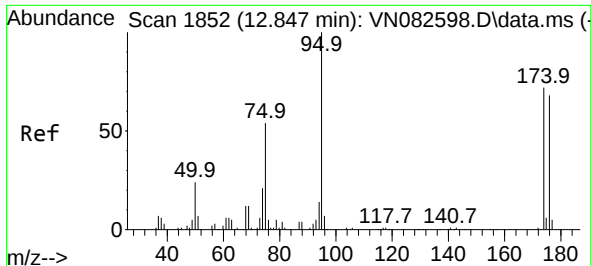
Tgt Ion: 43 Resp: 241132
Ion Ratio Lower Upper
43 100
61 11.5 17.8 26.6#
87 7.2 8.2 12.2#



#50
Toluene-d8
Concen: 54.261 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082686.D
Acq: 21 Jun 2024 18:35

Tgt Ion: 98 Resp: 338720
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

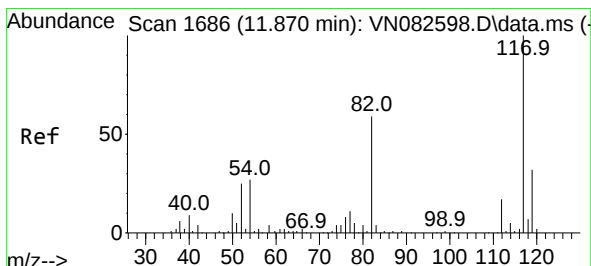
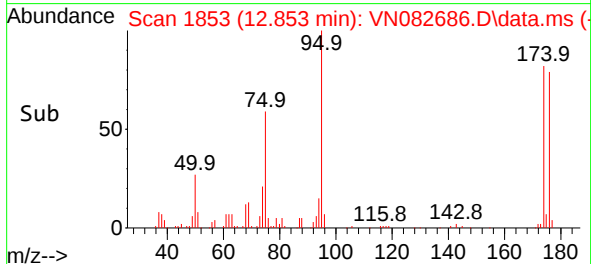
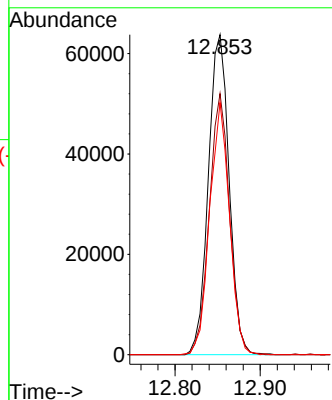
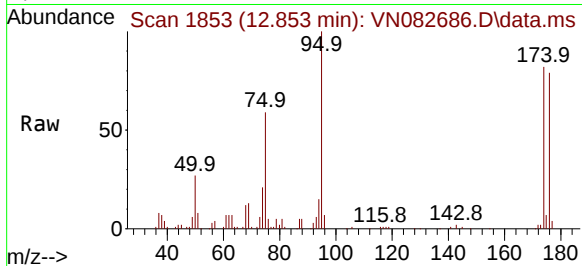




#62
4-Bromofluorobenzene
Concen: 50.117 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082686.D
Acq: 21 Jun 2024 18:35

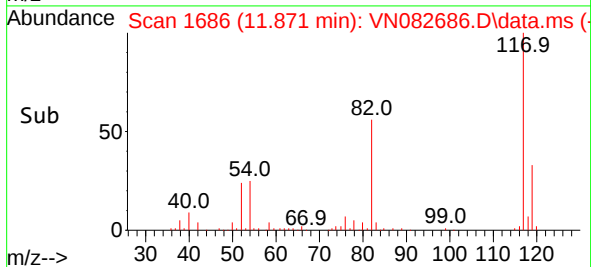
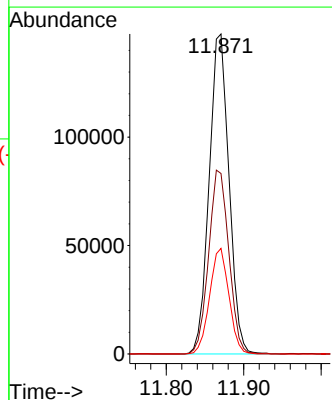
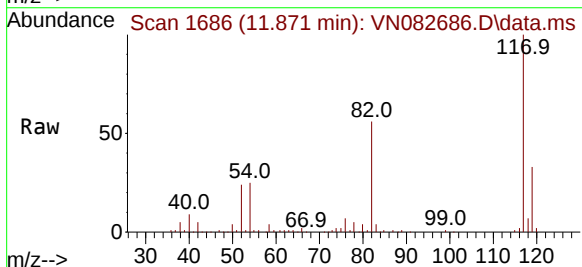
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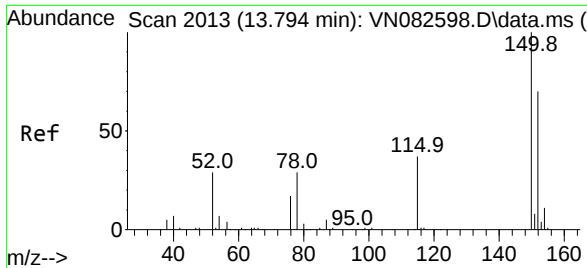
Tgt Ion: 95 Resp: 107860
Ion Ratio Lower Upper
95 100
174 79.8 0.0 159.2
176 75.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082686.D
Acq: 21 Jun 2024 18:35

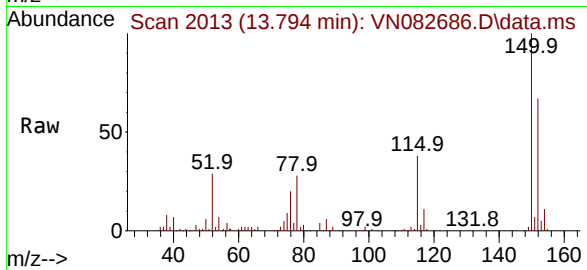
Tgt Ion: 117 Resp: 262349
Ion Ratio Lower Upper
117 100
82 56.4 47.5 71.3
119 33.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082686.D
 Acq: 21 Jun 2024 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161606ZHE#03



Tgt Ion:152 Resp: 103691
 Ion Ratio Lower Upper
 152 100
 115 57.9 30.6 91.6
 150 153.2 0.0 348.6

