

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082709.D
 Acq On : 25 Jun 2024 11:43
 Operator : JC\MD
 Sample : PB161676ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#01

Quant Time: Jun 26 01:19:47 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)

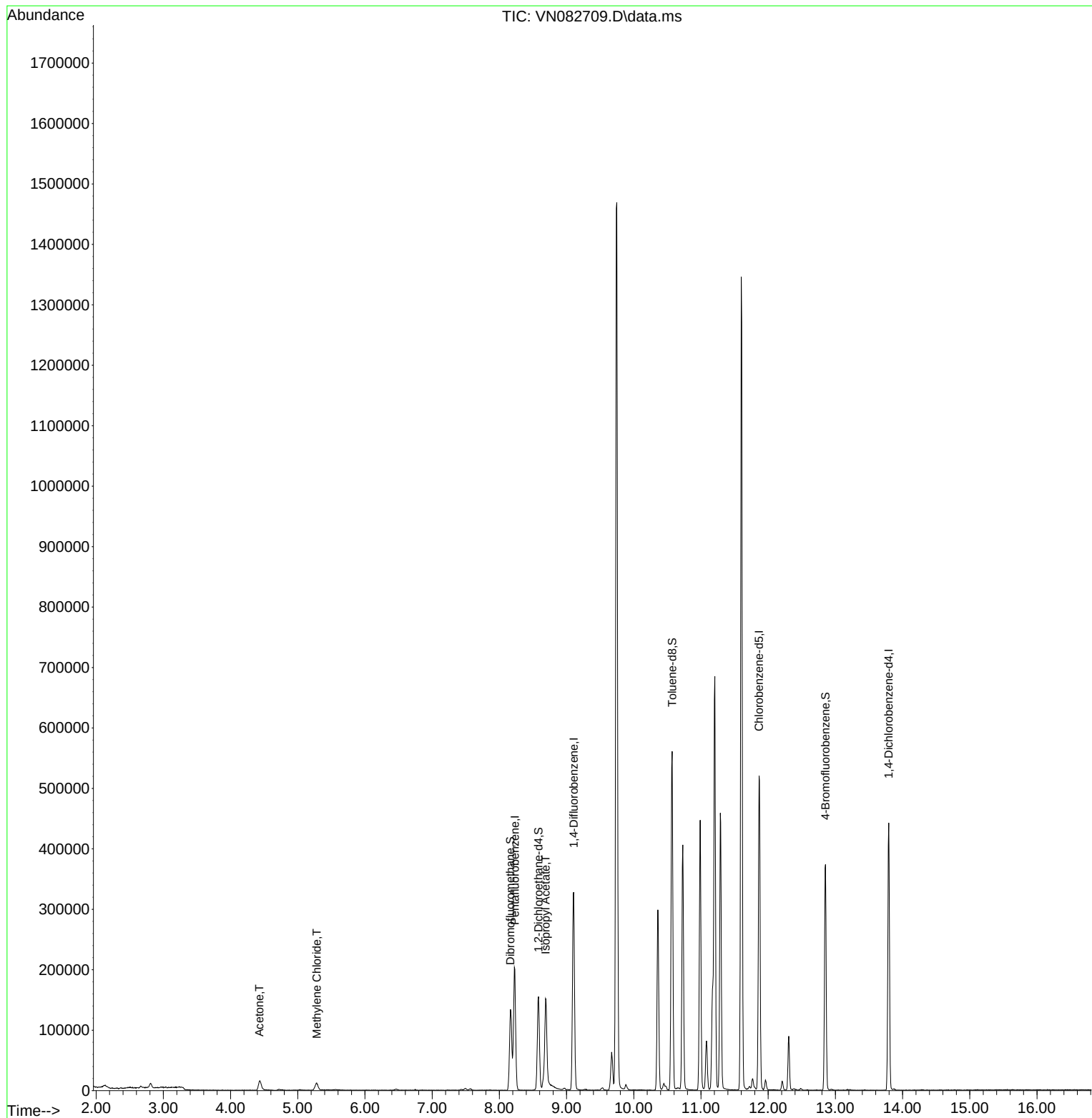
Internal Standards						
1) Pentafluorobenzene	8.229	168	140806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	265810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126846	56.176	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.360%
35) Dibromofluoromethane	8.165	113	93541	51.874	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.740%
50) Toluene-d8	10.571	98	363699	53.335	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.660%
62) 4-Bromofluorobenzene	12.853	95	118247	50.296	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.600%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	31243	30.424	ug/l	99
20) Methylene Chloride	5.283	84	8612	4.770	ug/l	97
43) Isopropyl Acetate	8.688	43	203781	31.756	ug/l #	85

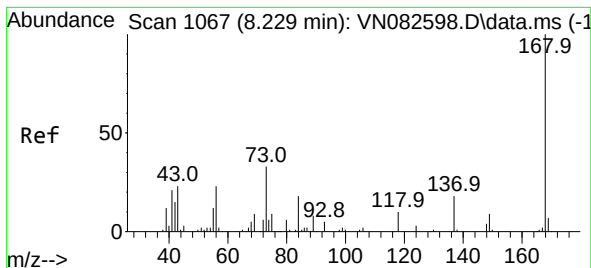
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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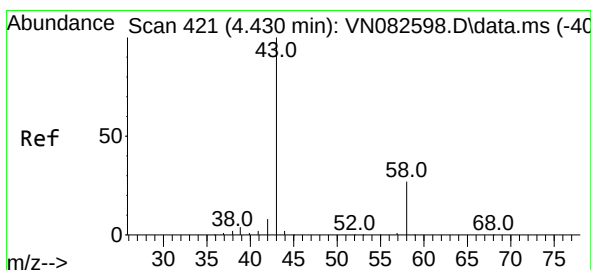
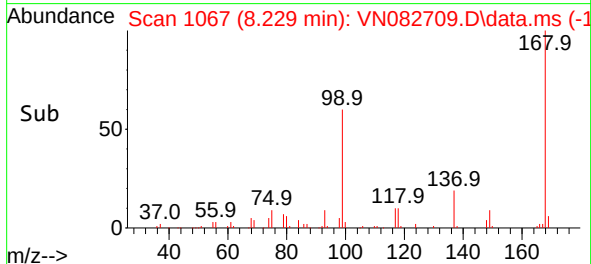
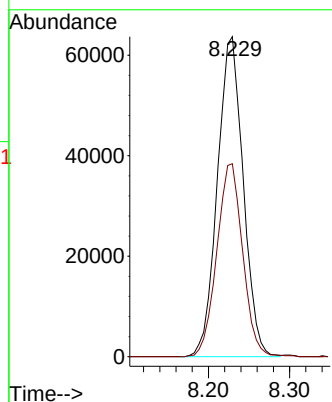
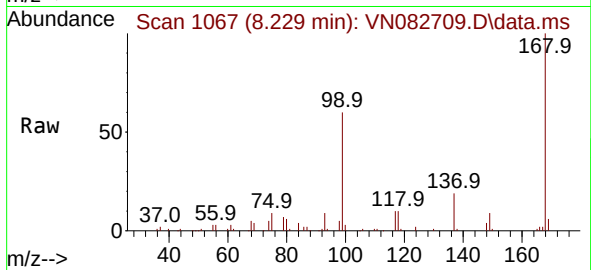




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082709.D
Acq: 25 Jun 2024 11:43

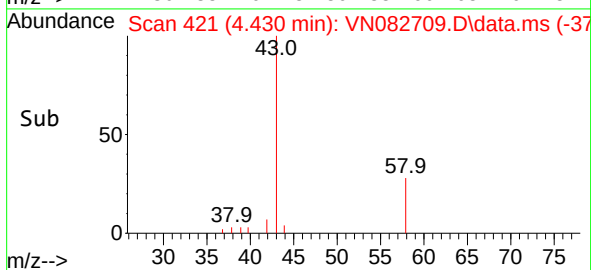
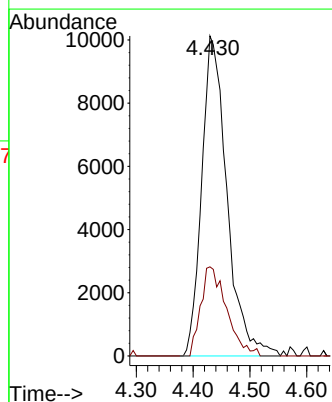
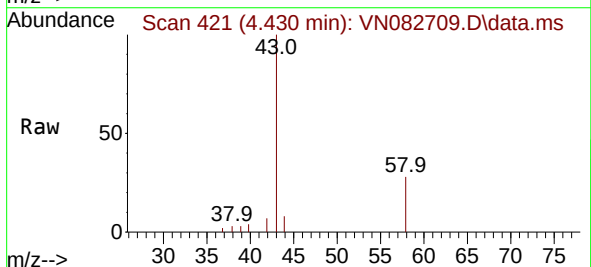
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#01

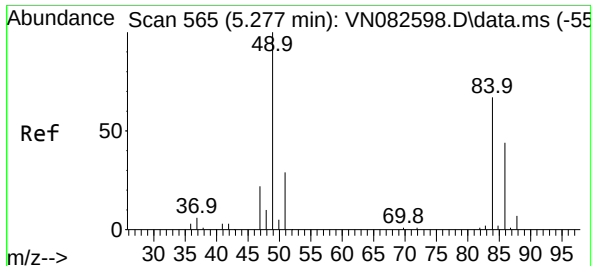
Tgt Ion:168 Resp: 140806
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4



#16
Acetone
Concen: 30.424 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN082709.D
Acq: 25 Jun 2024 11:43

Tgt Ion: 43 Resp: 31243
Ion Ratio Lower Upper
43 100
58 27.9 21.8 32.6

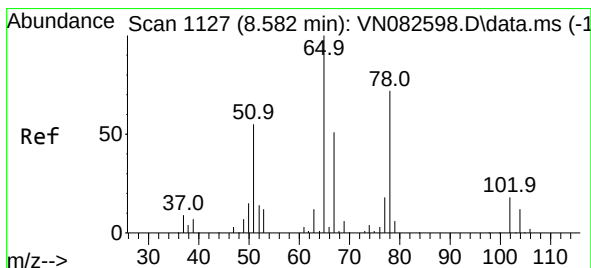
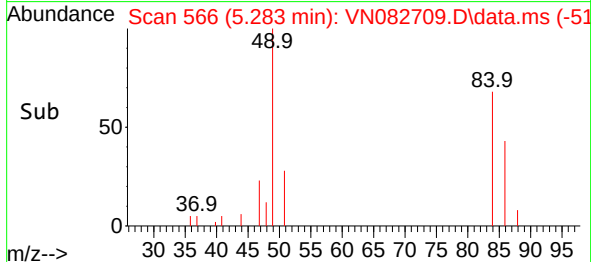
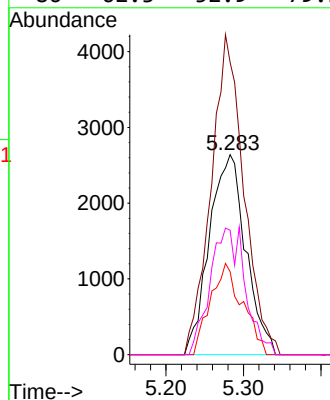
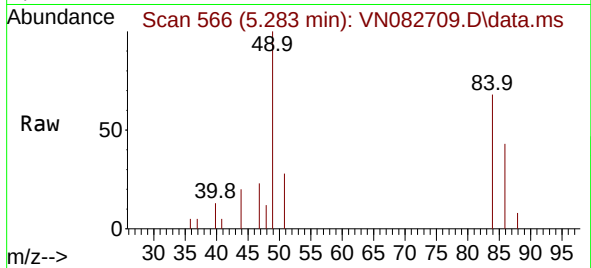




#20
Methylene Chloride
Concen: 4.770 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082709.D
Acq: 25 Jun 2024 11:43

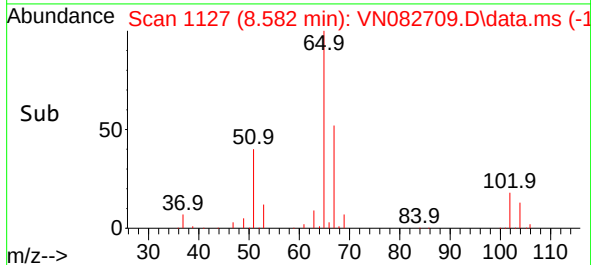
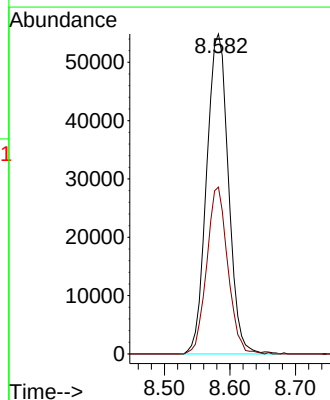
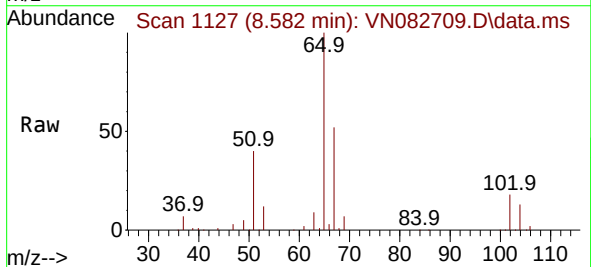
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#01

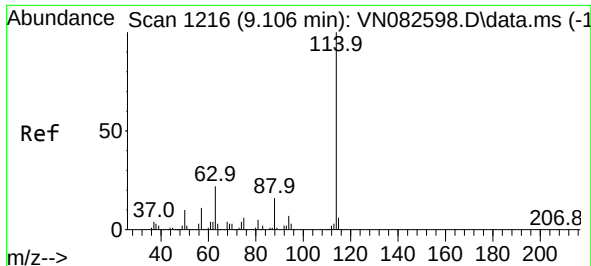
Tgt Ion: 84	Resp: 8612		
Ion	Ratio	Lower	Upper
84	100		
49	146.2	119.6	179.4
51	41.6	34.8	52.2
86	62.3	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 56.176 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082709.D
Acq: 25 Jun 2024 11:43

Tgt Ion: 65	Resp: 126846
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: VN082709.D

Acq: 25 Jun 2024 11:43

Instrument :

MSVOA_N

ClientSampleId :

PB161676ZHE#01

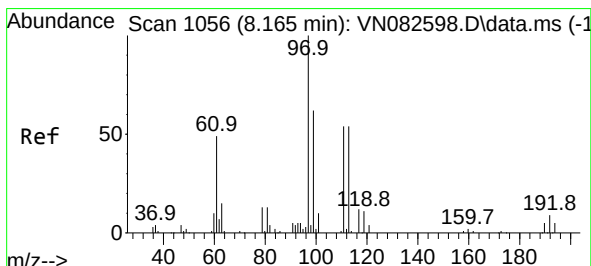
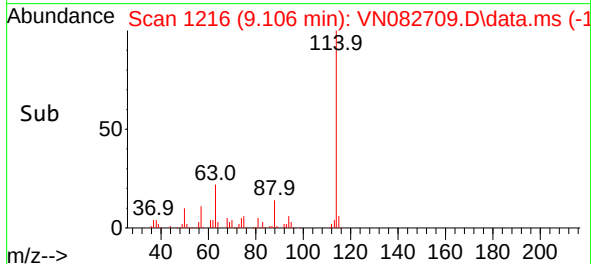
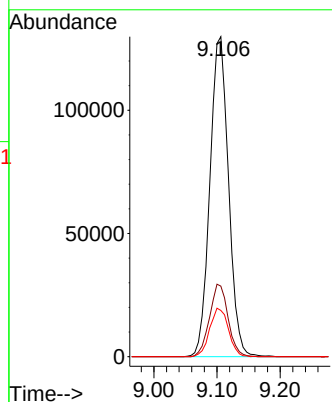
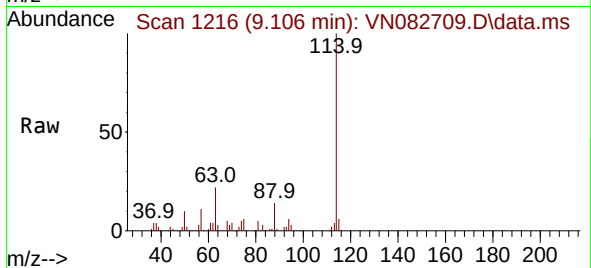
Tgt Ion:114 Resp: 265810

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

88 14.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.874 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082709.D

Acq: 25 Jun 2024 11:43

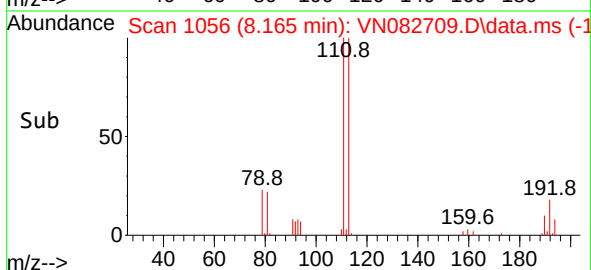
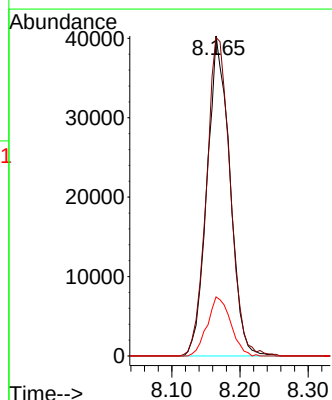
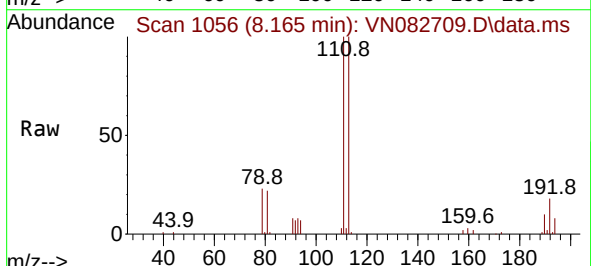
Tgt Ion:113 Resp: 93541

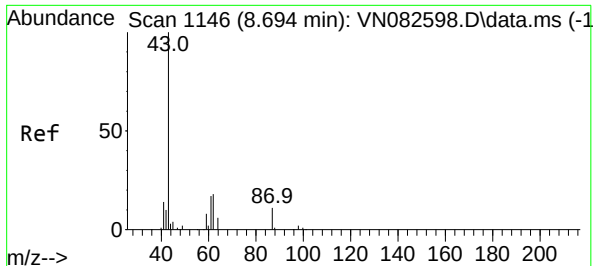
Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

192 18.9 14.9 22.3

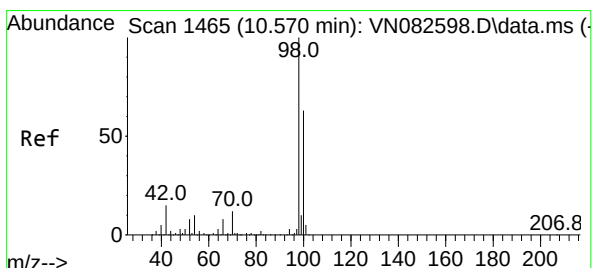
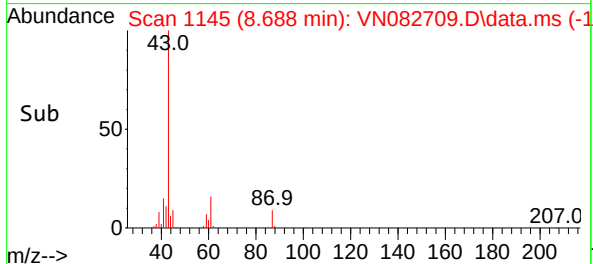
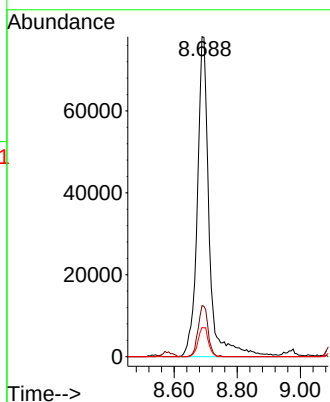
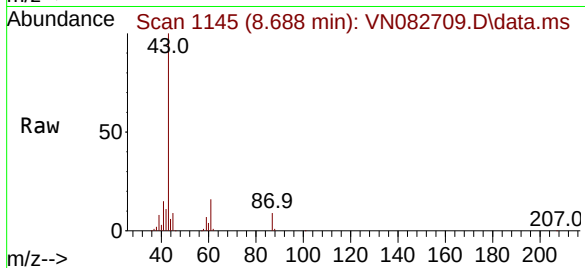




#43
Isopropyl Acetate
Concen: 31.756 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082709.D
Acq: 25 Jun 2024 11:43

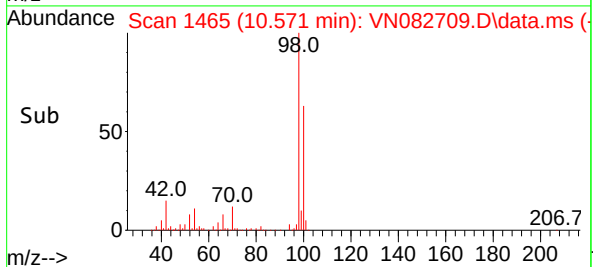
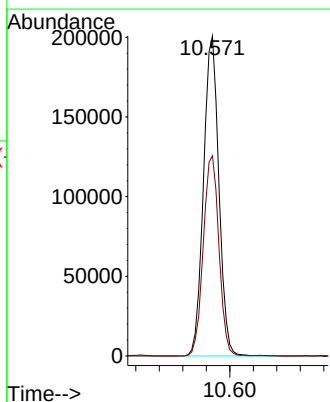
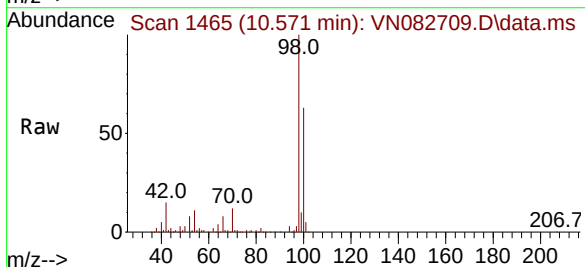
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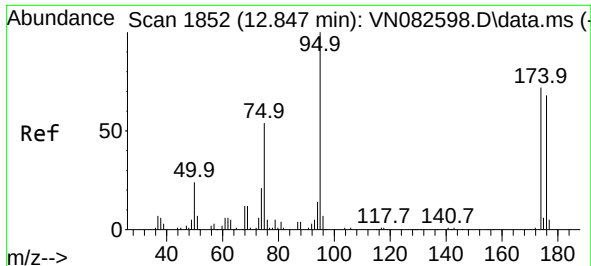
Tgt Ion: 43 Resp: 203781
Ion Ratio Lower Upper
43 100
61 13.4 17.8 26.6#
87 7.9 8.2 12.2#



#50
Toluene-d8
Concen: 53.335 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082709.D
Acq: 25 Jun 2024 11:43

Tgt Ion: 98 Resp: 363699
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3

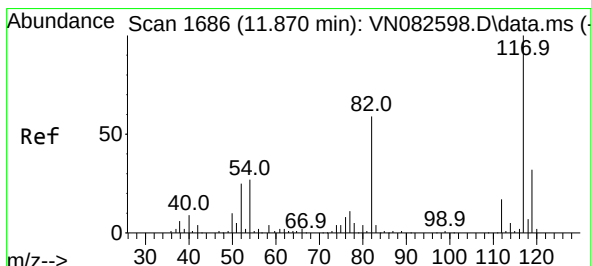
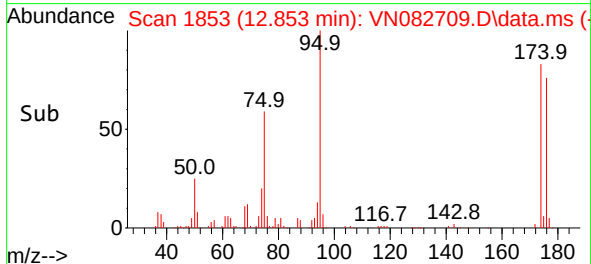
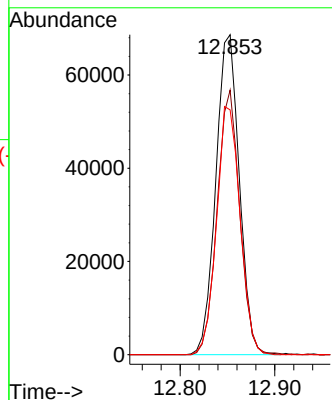
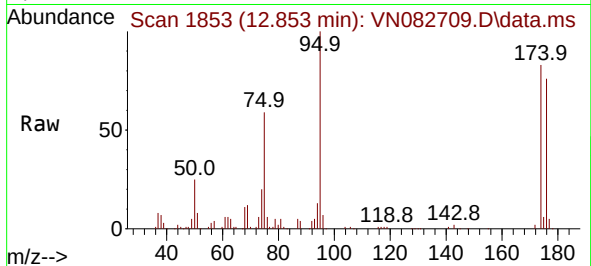




#62
4-Bromofluorobenzene
Concen: 50.296 ug/l
RT: 12.853 min Scan# 118247
Delta R.T. 0.006 min
Lab File: VN082709.D
Acq: 25 Jun 2024 11:43

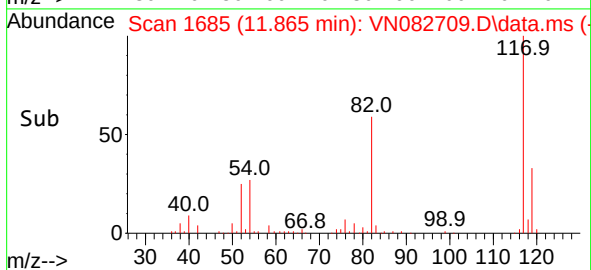
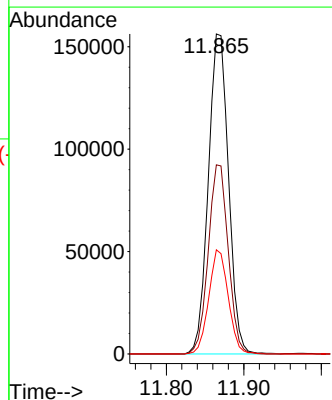
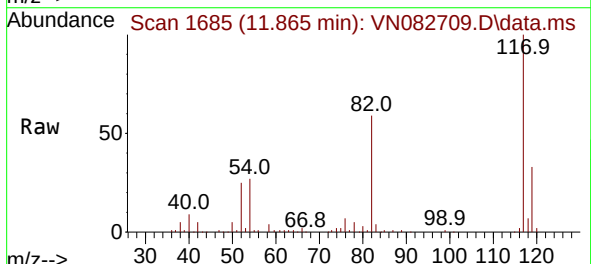
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PB161676ZHE#01

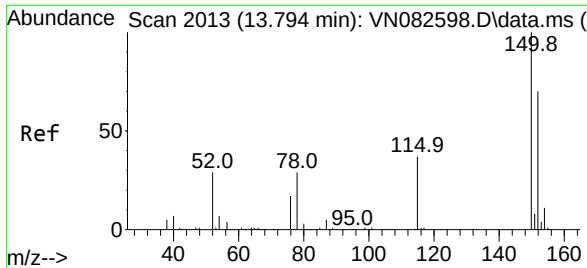
Tgt Ion: 95 Resp: 118247
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.2
176 77.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN082709.D
Acq: 25 Jun 2024 11:43

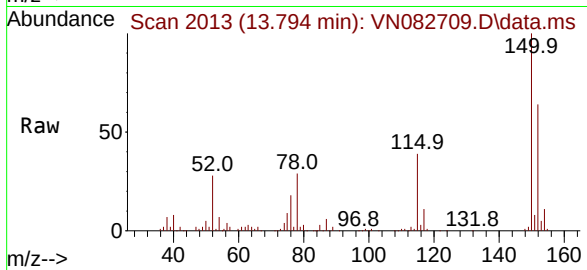
Tgt Ion: 117 Resp: 282483
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 32.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082709.D
 Acq: 25 Jun 2024 11:43

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#01



Tgt Ion:152 Resp: 114192
 Ion Ratio Lower Upper
 152 100
 115 58.7 30.6 91.6
 150 155.2 0.0 348.6

