

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062124\
 Data File : VN082687.D
 Acq On : 21 Jun 2024 19:00
 Operator : JC\MD
 Sample : P2976-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-K-COMP

Quant Time: Jun 24 02:16:57 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)

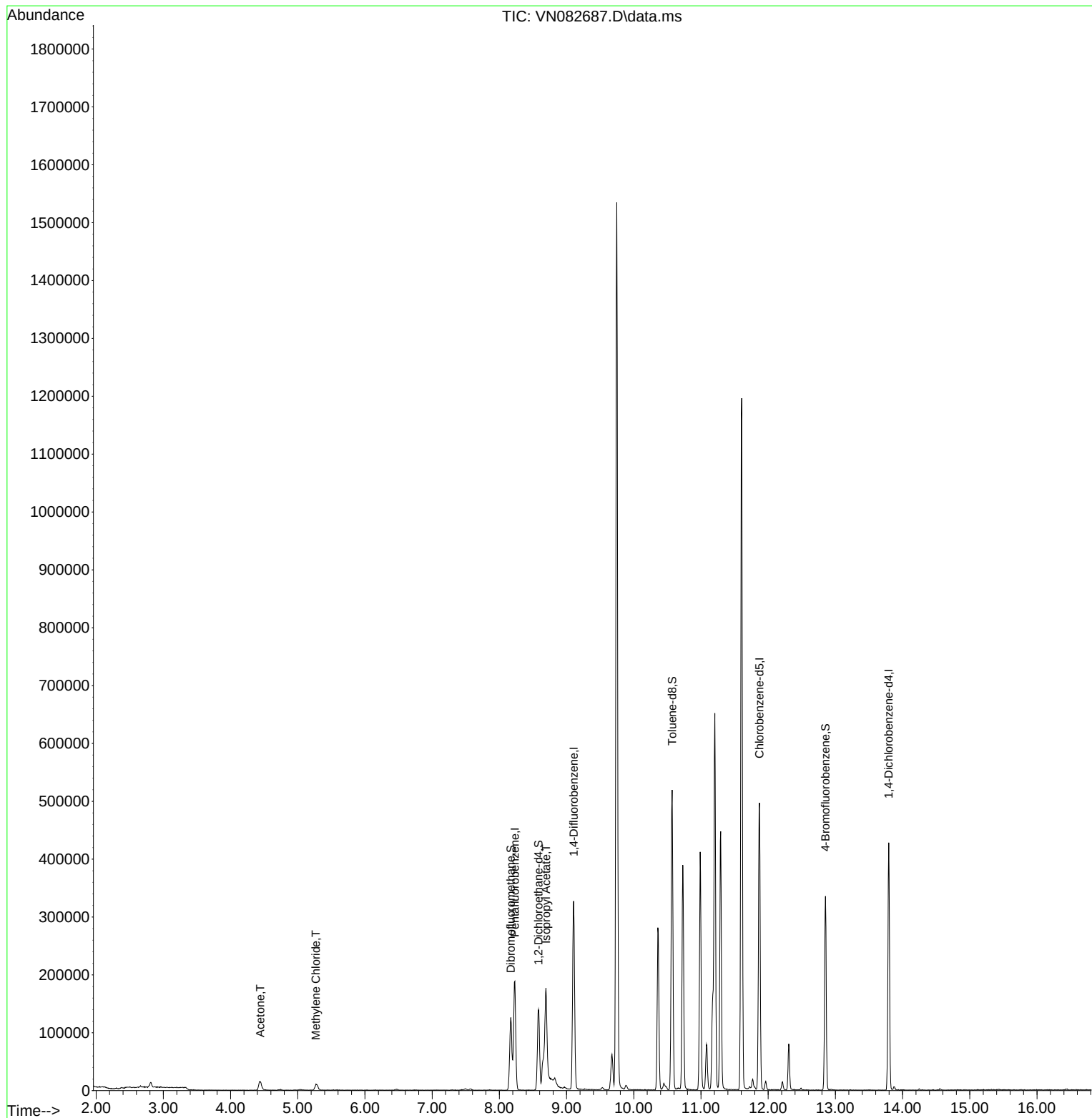
Internal Standards						
1) Pentafluorobenzene	8.230	168	130607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	258425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	269685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117857	56.271	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.540%
35) Dibromofluoromethane	8.171	113	86202	49.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.340%
50) Toluene-d8	10.571	98	329983	49.773	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.853	95	103534	45.297	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.600%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	32824	34.460	ug/l	97
20) Methylene Chloride	5.271	84	8053	4.809	ug/l #	91
43) Isopropyl Acetate	8.694	43	264684	42.425	ug/l #	80

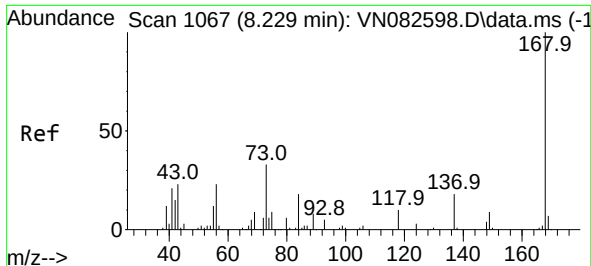
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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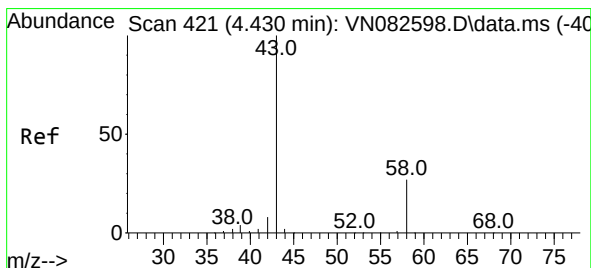
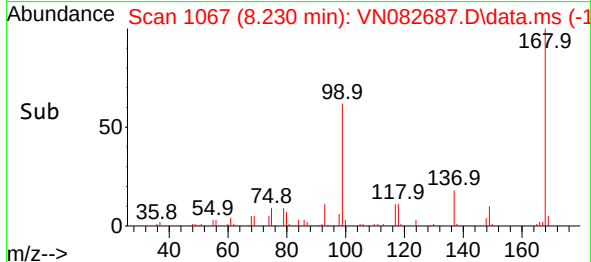
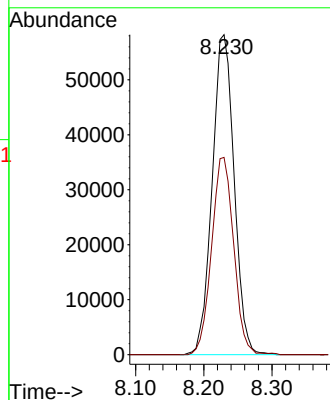
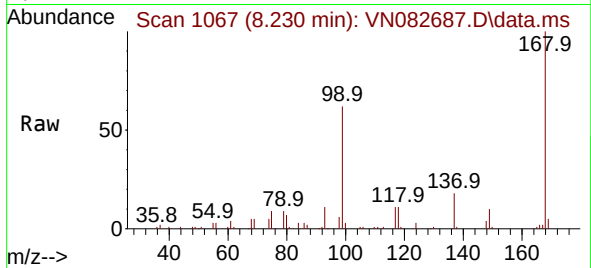




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082687.D
Acq: 21 Jun 2024 19:00

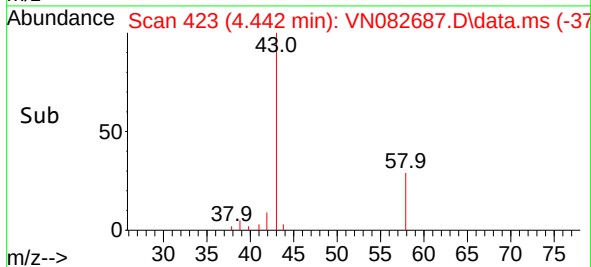
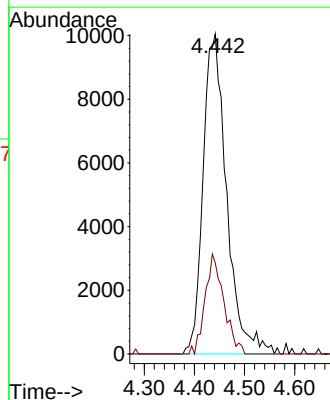
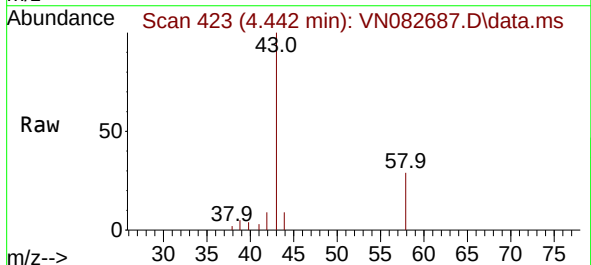
Instrument :
MSVOA_N
ClientSampleId :
MH-K-COMP

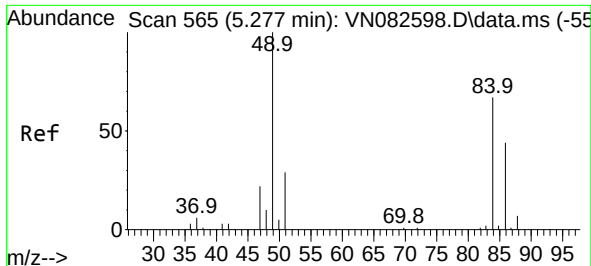
Tgt Ion:168 Resp: 130607
Ion Ratio Lower Upper
168 100
99 61.6 48.2 72.4



#16
Acetone
Concen: 34.460 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082687.D
Acq: 21 Jun 2024 19:00

Tgt Ion: 43 Resp: 32824
Ion Ratio Lower Upper
43 100
58 28.5 21.8 32.6

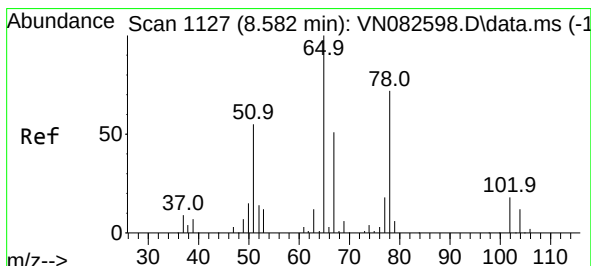
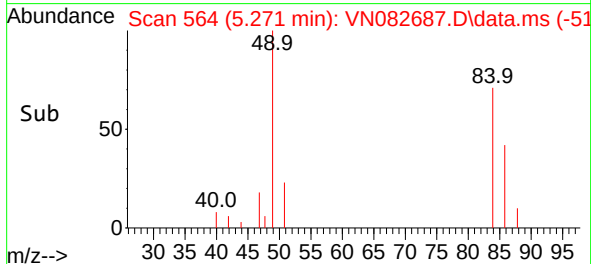
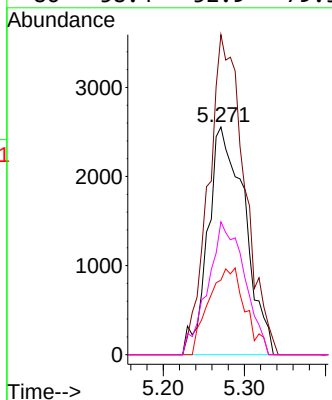
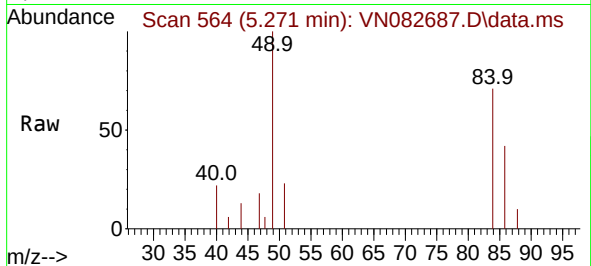




#20
Methylene Chloride
Concen: 4.809 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082687.D
Acq: 21 Jun 2024 19:00

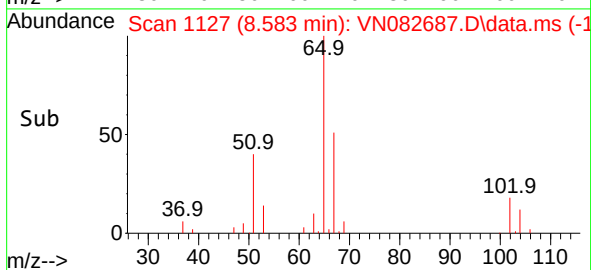
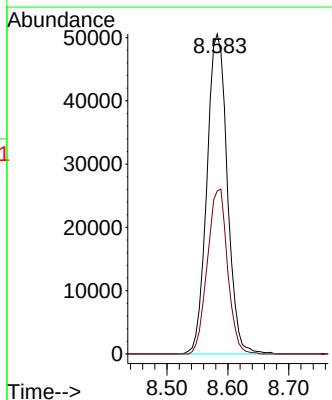
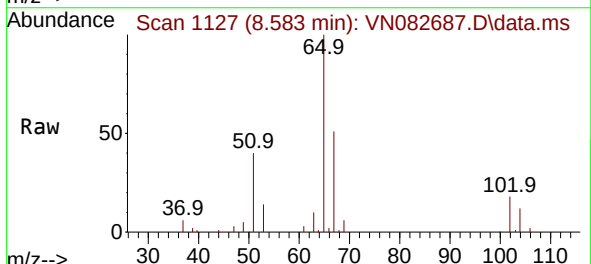
Instrument :
MSVOA_N
ClientSampleId :
MH-K-COMP

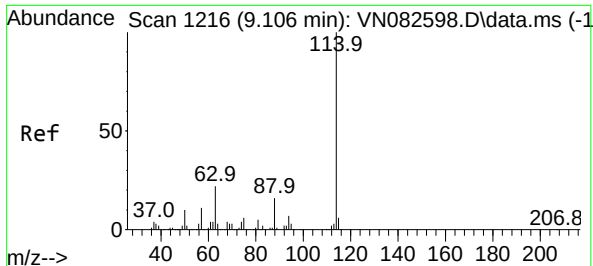
Tgt Ion:	84	Resp:	8053
Ion	Ratio	Lower	Upper
84	100		
49	140.6	119.6	179.4
51	32.7	34.8	52.2#
86	58.4	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 56.271 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082687.D
Acq: 21 Jun 2024 19:00

Tgt Ion:	65	Resp:	117857
Ion	Ratio	Lower	Upper
65	100		
67	50.9	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: VN082687.D

Acq: 21 Jun 2024 19:00

Instrument :

MSVOA_N

ClientSampleId :

MH-K-COMP

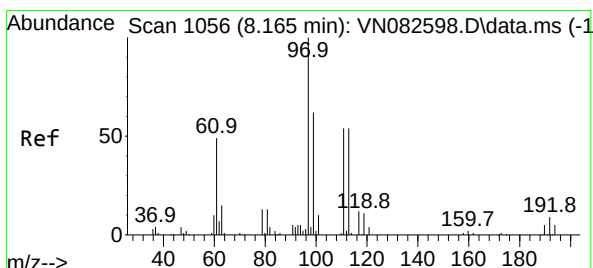
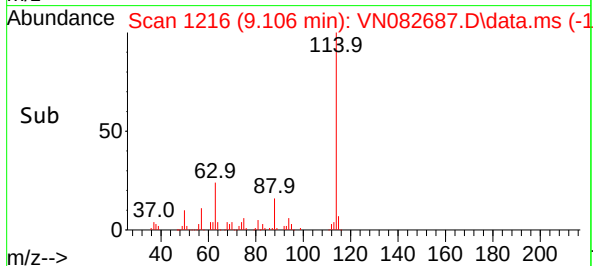
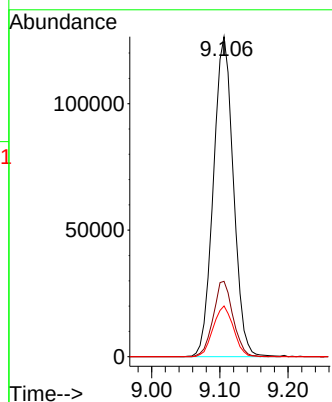
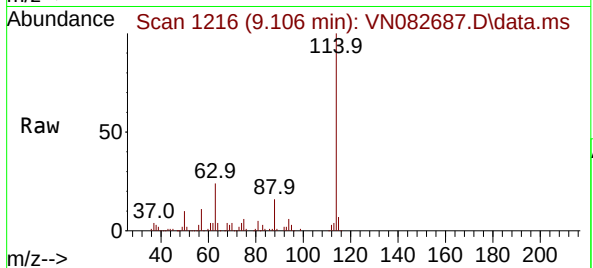
Tgt Ion:114 Resp: 258425

Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.6

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.170 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082687.D

Acq: 21 Jun 2024 19:00

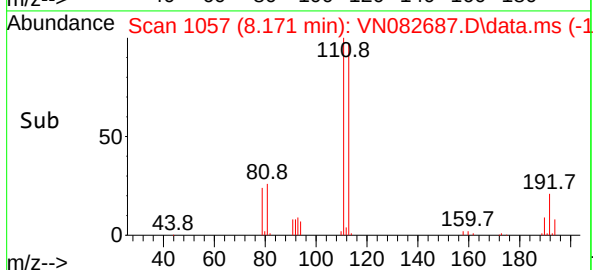
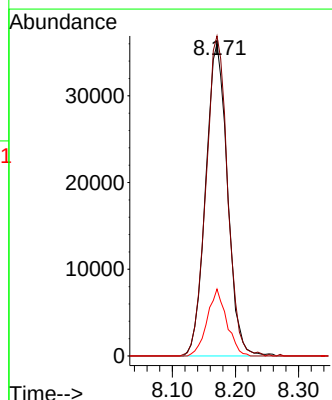
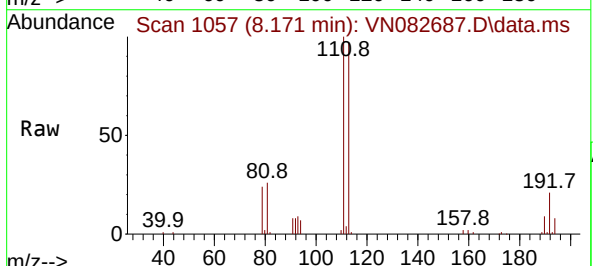
Tgt Ion:113 Resp: 86202

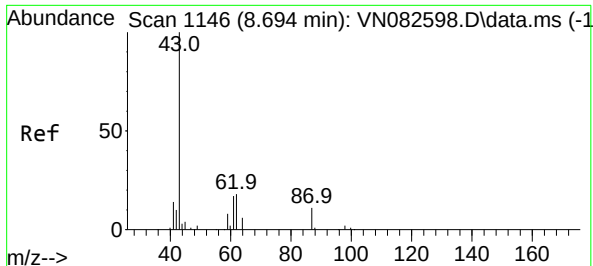
Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

192 19.2 14.9 22.3

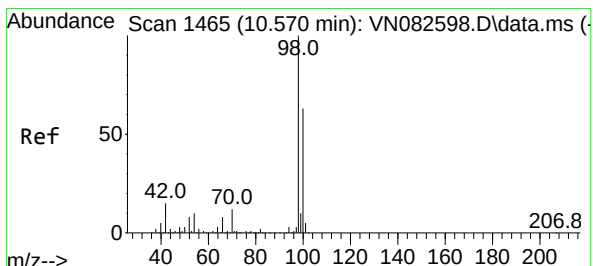
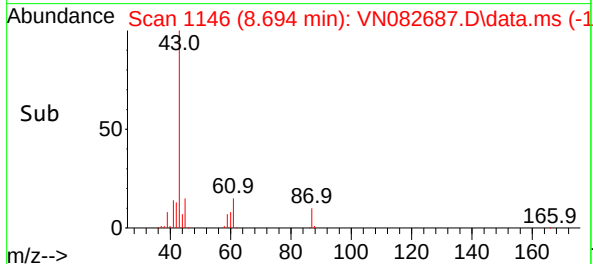
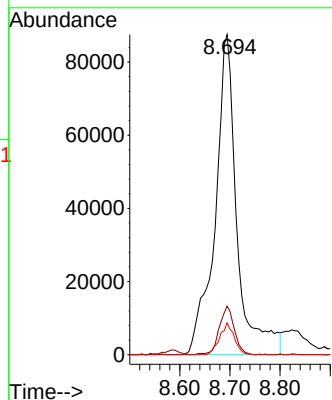
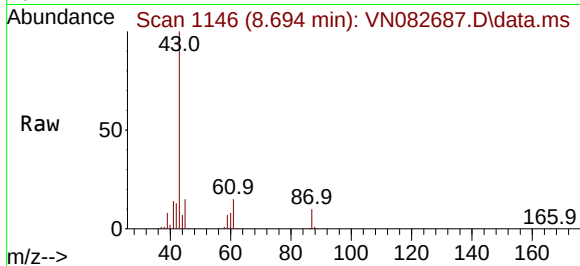




#43
Isopropyl Acetate
Concen: 42.425 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082687.D
Acq: 21 Jun 2024 19:00

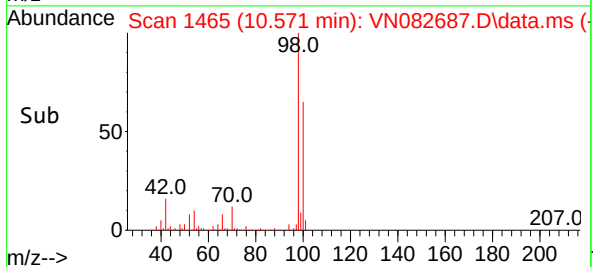
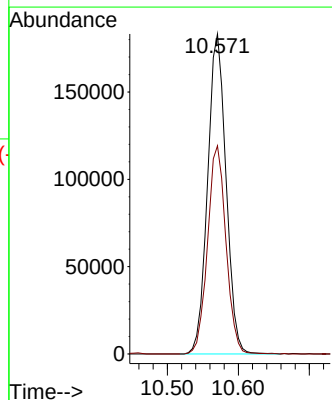
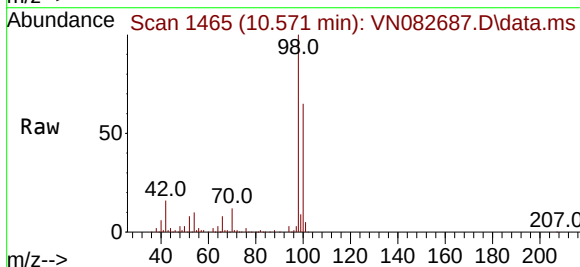
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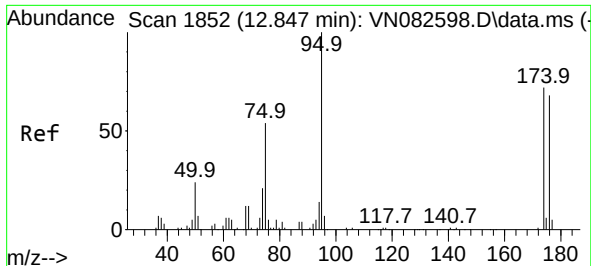
Tgt Ion: 43 Resp: 264684
Ion Ratio Lower Upper
43 100
61 10.4 17.8 26.6#
87 6.6 8.2 12.2#



#50
Toluene-d8
Concen: 49.773 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082687.D
Acq: 21 Jun 2024 19:00

Tgt Ion: 98 Resp: 329983
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3

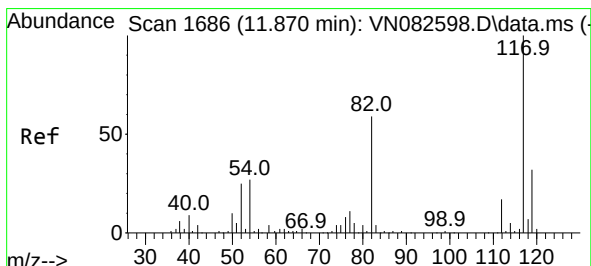
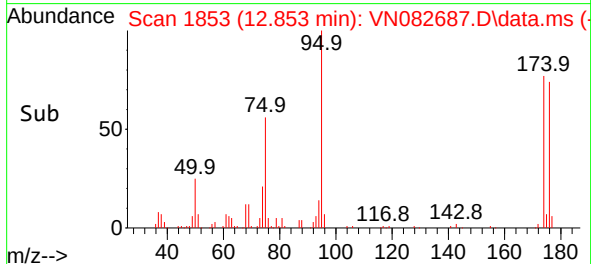
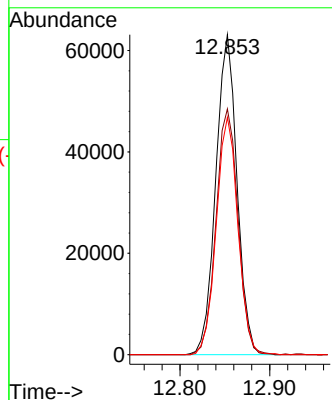
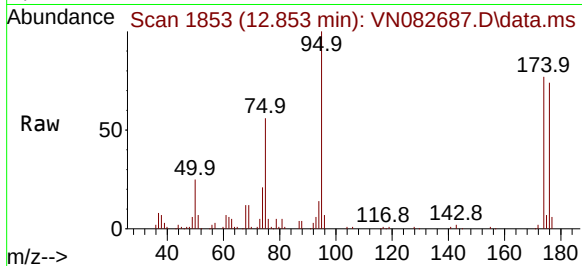




#62
4-Bromofluorobenzene
Concen: 45.297 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082687.D
Acq: 21 Jun 2024 19:00

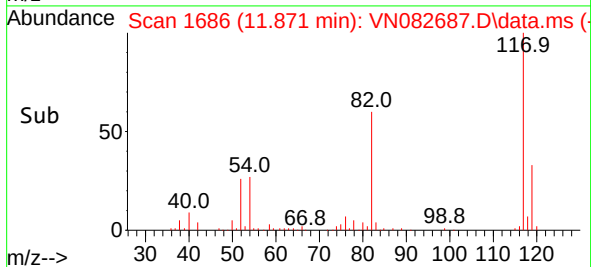
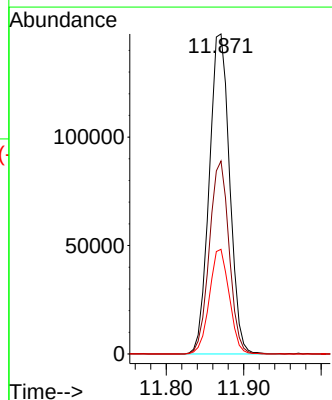
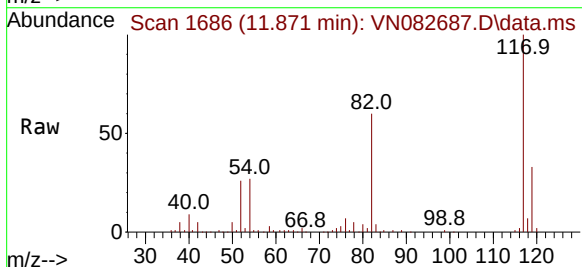
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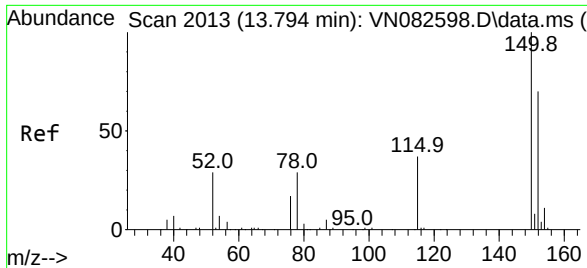
Tgt Ion: 95 Resp: 103534
Ion Ratio Lower Upper
95 100
174 79.5 0.0 159.2
176 75.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082687.D
Acq: 21 Jun 2024 19:00

Tgt Ion: 117 Resp: 269685
Ion Ratio Lower Upper
117 100
82 60.3 47.5 71.3
119 32.7 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: VN082687.D
 Acq: 21 Jun 2024 19:00

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-K-COMP

Tgt Ion:152 Resp: 104091
 Ion Ratio Lower Upper
 152 100
 115 60.6 30.6 91.6
 150 159.8 0.0 348.6

