

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070324\
 Data File : VN082806.D
 Acq On : 03 Jul 2024 16:28
 Operator : JC\MD
 Sample : P3152-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 443

Quant Time: Jul 04 00:01:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

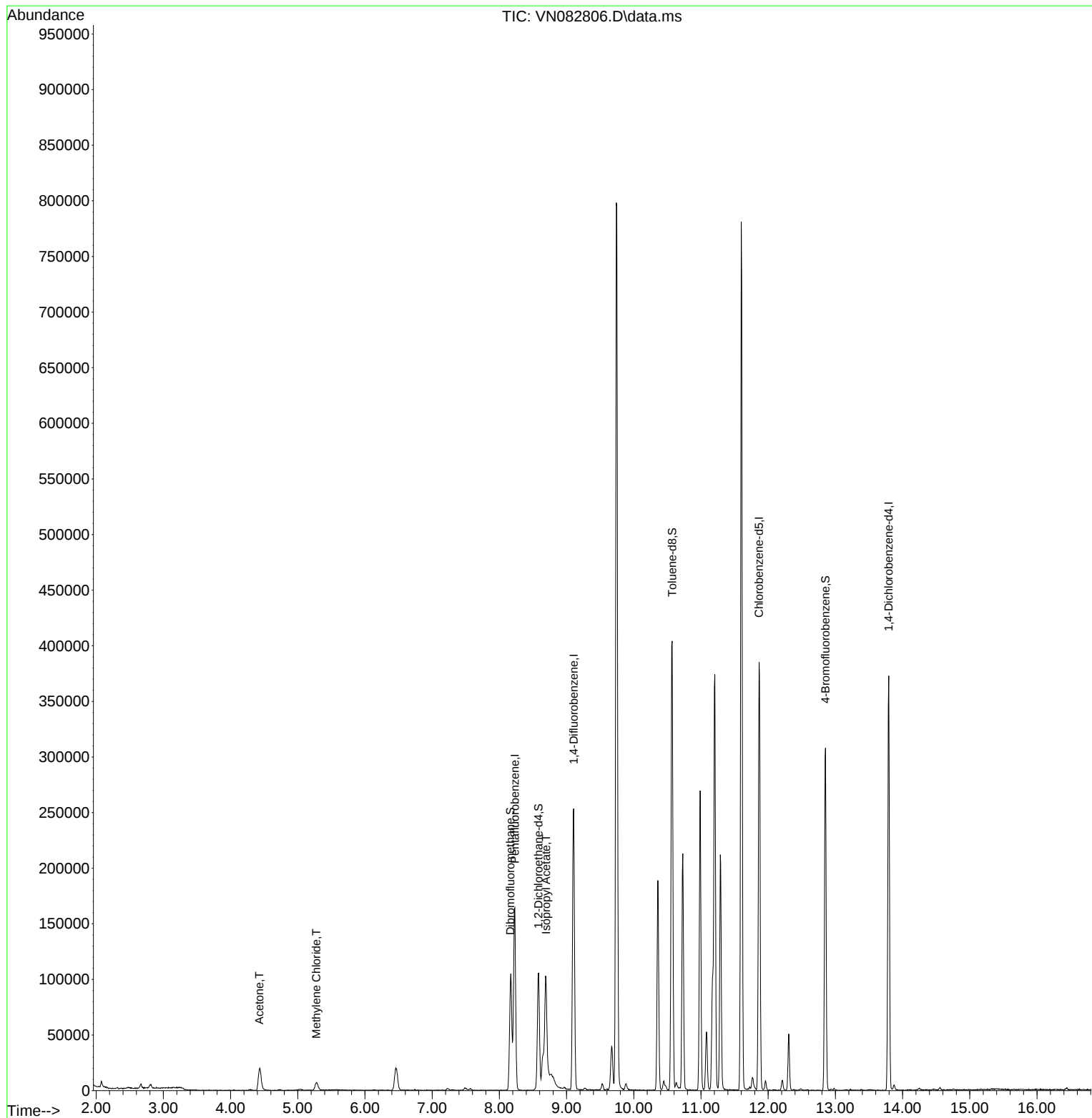
Internal Standards						
1) Pentafluorobenzene	8.230	168	115338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	217311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	217567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	88084	49.522	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.040%
35) Dibromofluoromethane	8.165	113	73312	51.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.480%
50) Toluene-d8	10.571	98	278578	52.063	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.120%
62) 4-Bromofluorobenzene	12.853	95	102871	55.983	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	111.960%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	39229	58.212	ug/l	96
20) Methylene Chloride	5.277	84	5765	3.381	ug/l #	75
43) Isopropyl Acetate	8.694	43	150457	38.941	ug/l #	85

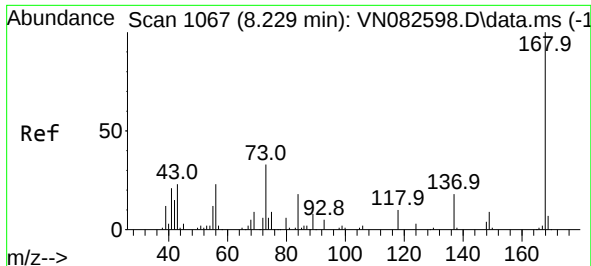
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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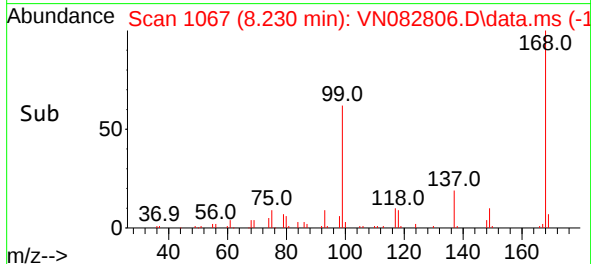
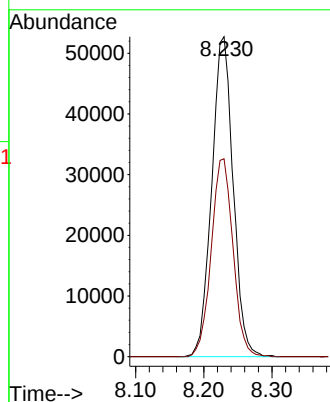
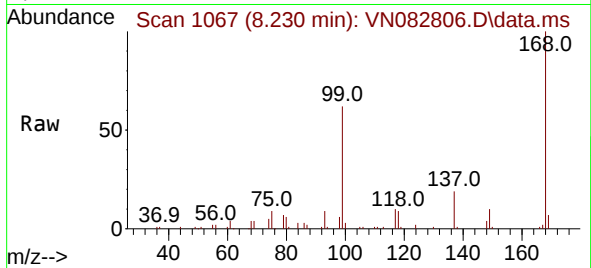




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082806.D
Acq: 03 Jul 2024 16:28

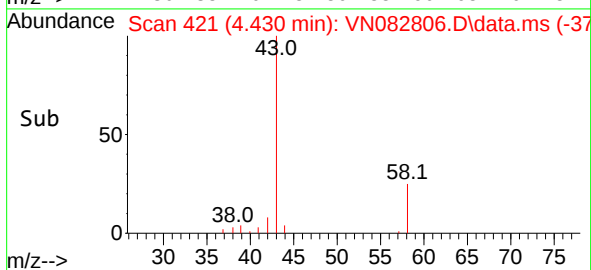
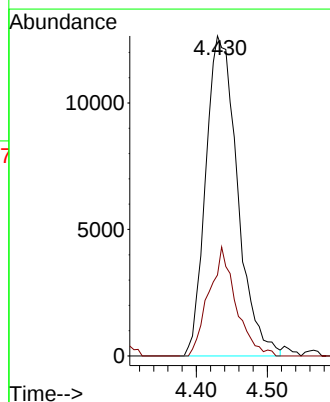
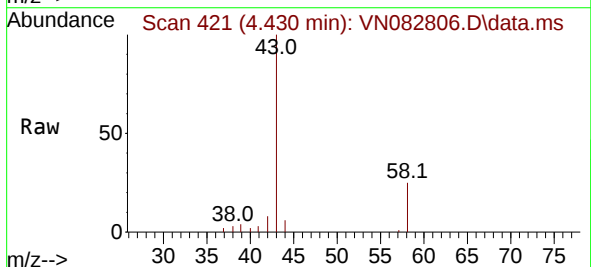
Instrument :
MSVOA_N
ClientSampleId :
443

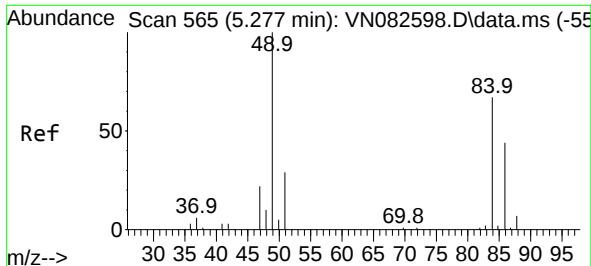
Tgt Ion:168 Resp: 115338
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#16
Acetone
Concen: 58.212 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082806.D
Acq: 03 Jul 2024 16:28

Tgt Ion: 43 Resp: 39229
Ion Ratio Lower Upper
43 100
58 25.3 21.8 32.6

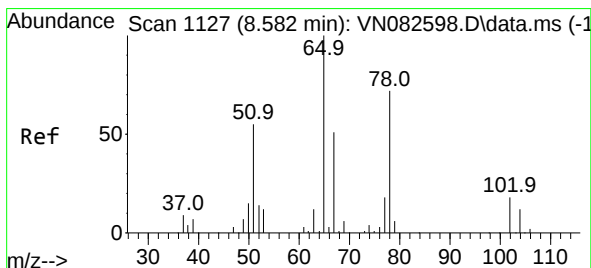
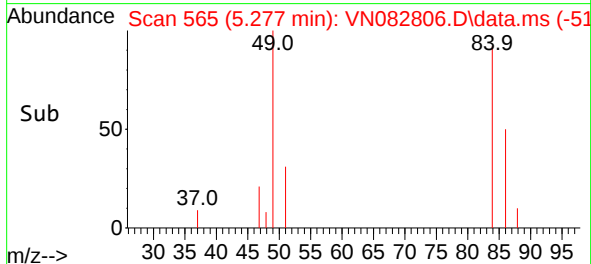
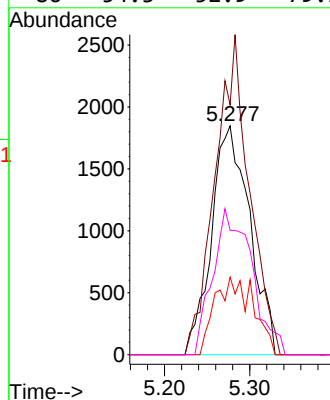
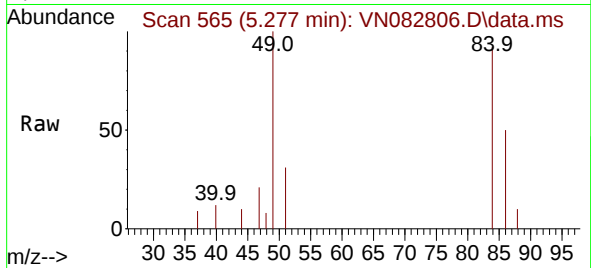




#20
Methylene Chloride
Concen: 3.381 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082806.D
Acq: 03 Jul 2024 16:28

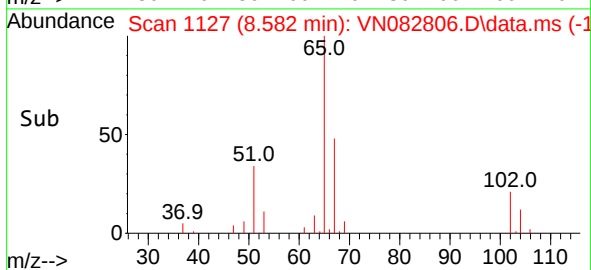
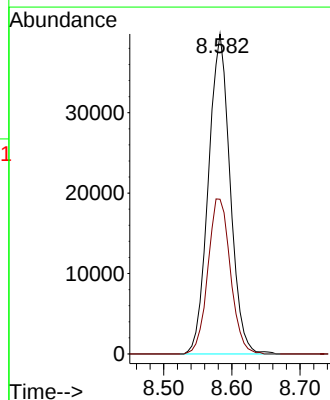
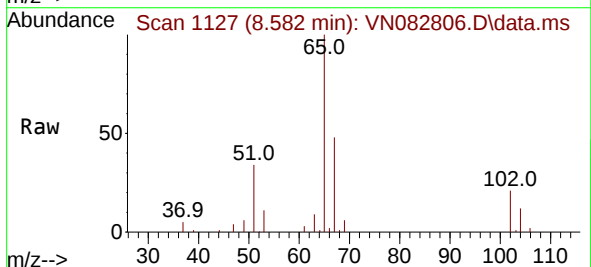
Instrument :
MSVOA_N
ClientSampleId :
443

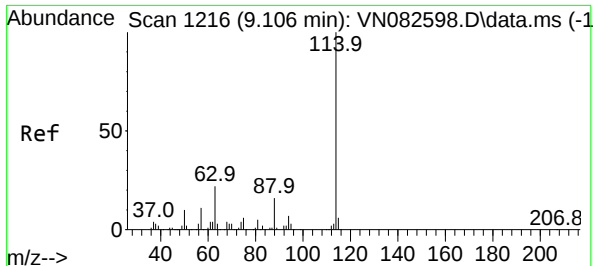
Tgt Ion:	84	Resp:	5765
Ion	Ratio	Lower	Upper
84	100		
49	109.1	119.6	179.4#
51	33.9	34.8	52.2#
86	54.3	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 49.522 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082806.D
Acq: 03 Jul 2024 16:28

Tgt Ion:	65	Resp:	88084
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# 114

Delta R.T. 0.000 min

Lab File: VN082806.D

Acq: 03 Jul 2024 16:28

Instrument :

MSVOA_N

ClientSampleId :

443

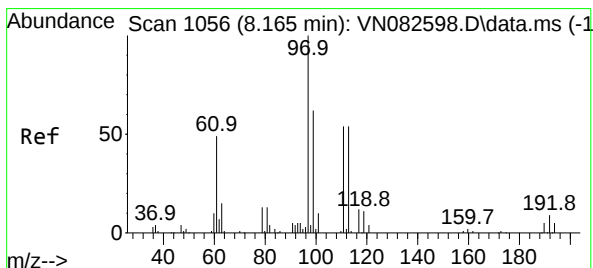
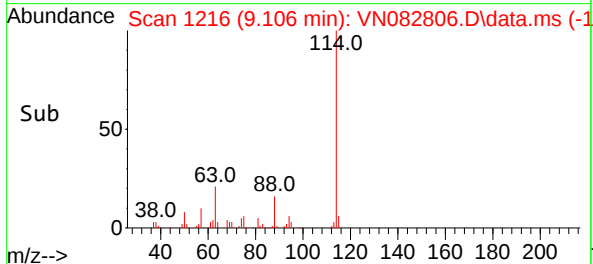
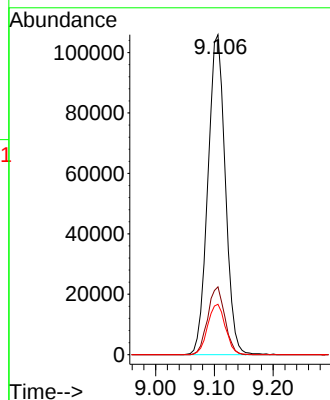
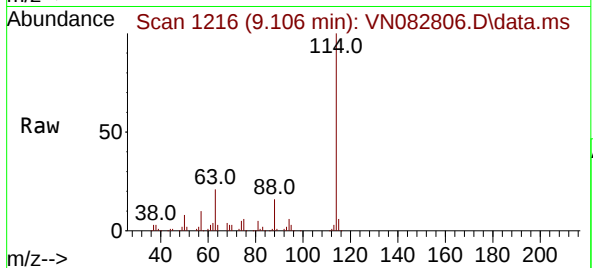
Tgt Ion:114 Resp: 217311

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.6

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.240 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082806.D

Acq: 03 Jul 2024 16:28

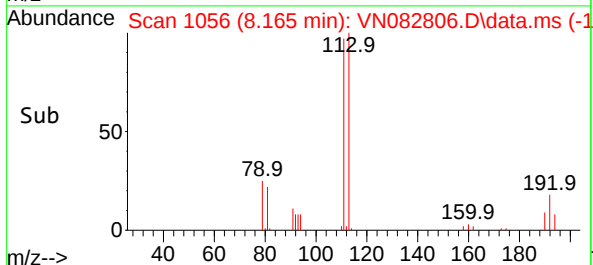
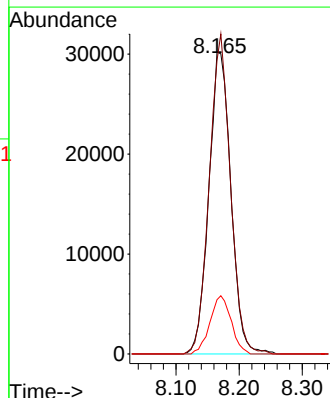
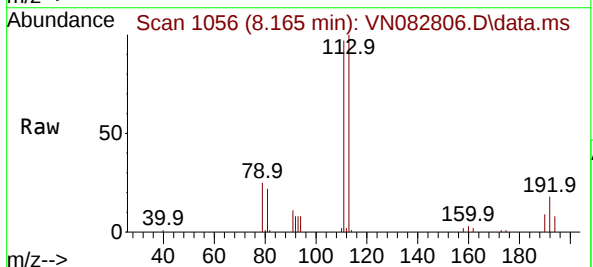
Tgt Ion:113 Resp: 73312

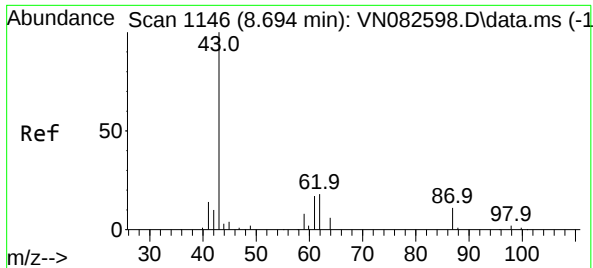
Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 18.5 14.9 22.3

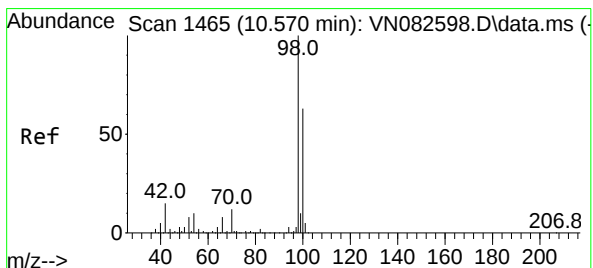
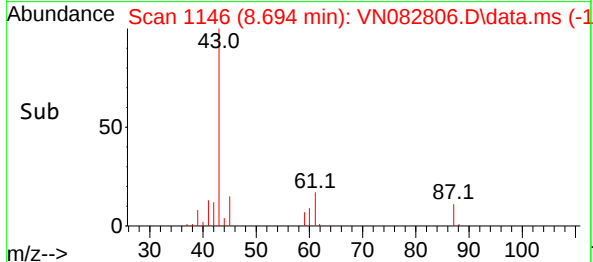
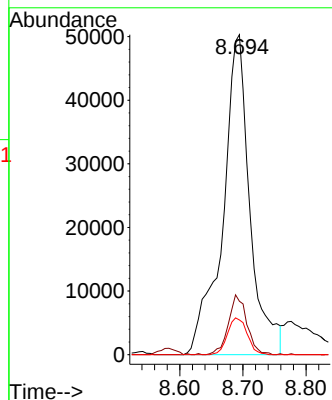
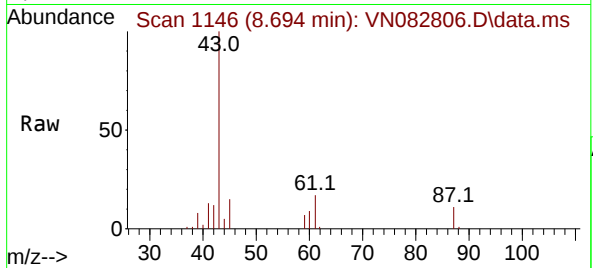




#43
Isopropyl Acetate
Concen: 38.941 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082806.D
Acq: 03 Jul 2024 16:28

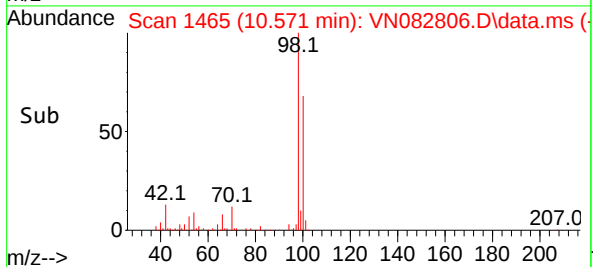
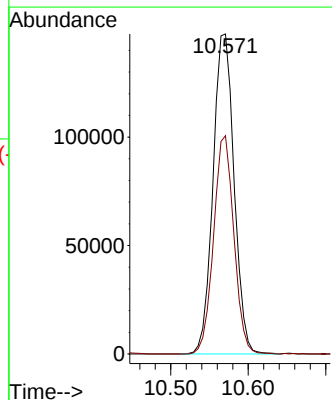
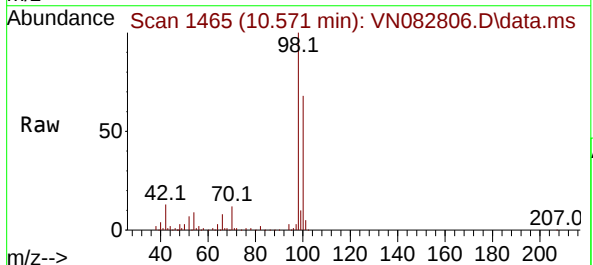
Instrument :
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ClientSampleId :
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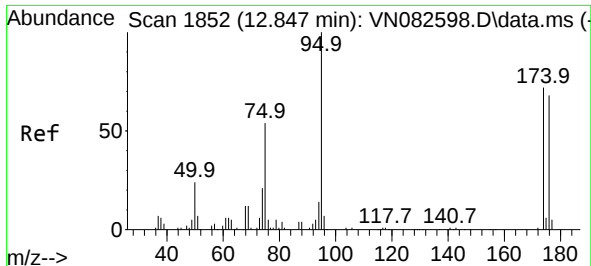
Tgt Ion: 43 Resp: 150457
Ion Ratio Lower Upper
43 100
61 12.7 17.8 26.6#
87 8.3 8.2 12.2



#50
Toluene-d8
Concen: 52.063 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082806.D
Acq: 03 Jul 2024 16:28

Tgt Ion: 98 Resp: 278578
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3

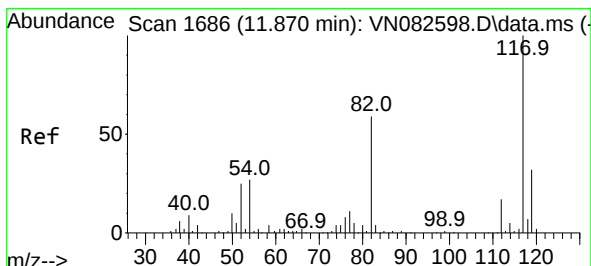
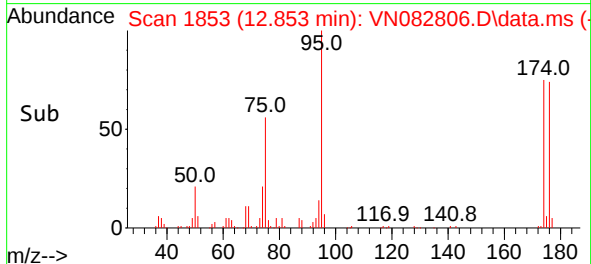
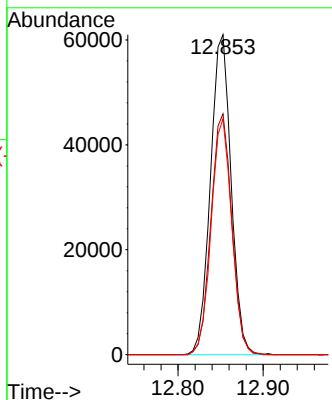
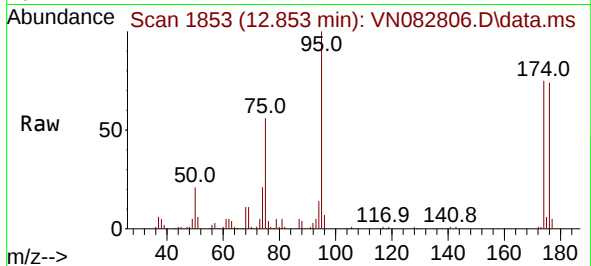




#62
4-Bromofluorobenzene
Concen: 55.983 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082806.D
Acq: 03 Jul 2024 16:28

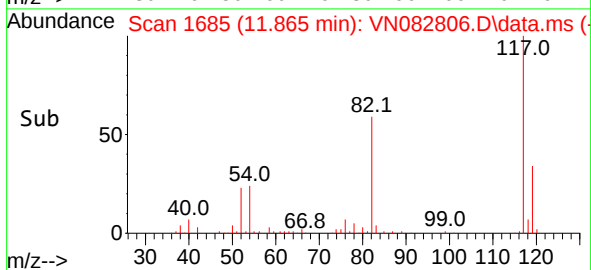
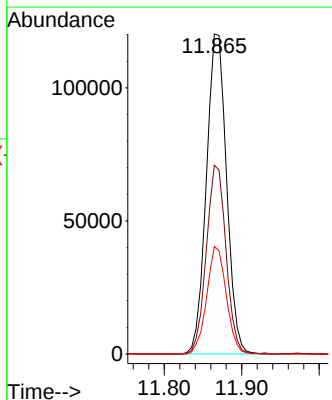
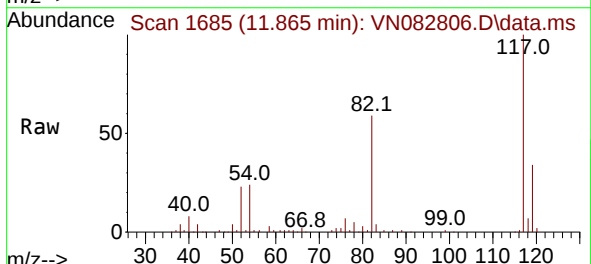
Instrument :
MSVOA_N
ClientSampleId :
443

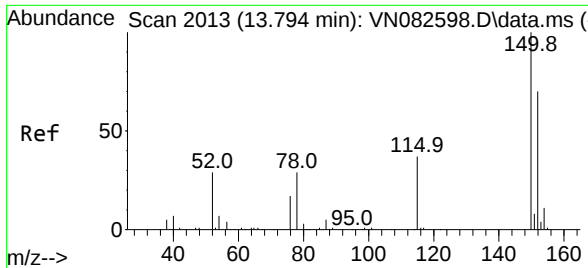
Tgt Ion: 95 Resp: 102871
Ion Ratio Lower Upper
95 100
174 76.2 0.0 159.2
176 73.4 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082806.D
Acq: 03 Jul 2024 16:28

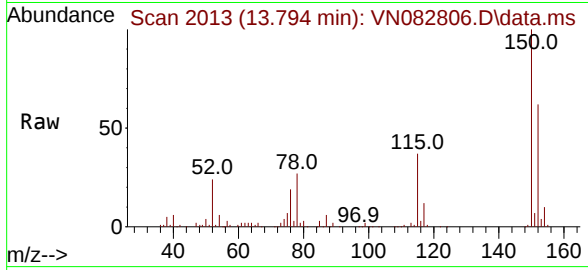
Tgt Ion: 117 Resp: 217567
Ion Ratio Lower Upper
117 100
82 59.0 47.5 71.3
119 33.6 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082806.D
Acq: 03 Jul 2024 16:28

Instrument :
MSVOA_N
ClientSampleId :
443



Tgt Ion:152 Resp: 96158
Ion Ratio Lower Upper
152 100
115 61.7 30.6 91.6
150 160.2 0.0 348.6

