

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082716.D
 Acq On : 25 Jun 2024 14:33
 Operator : JC\MD
 Sample : PB161676ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#08

Quant Time: Jun 26 01:22:47 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)

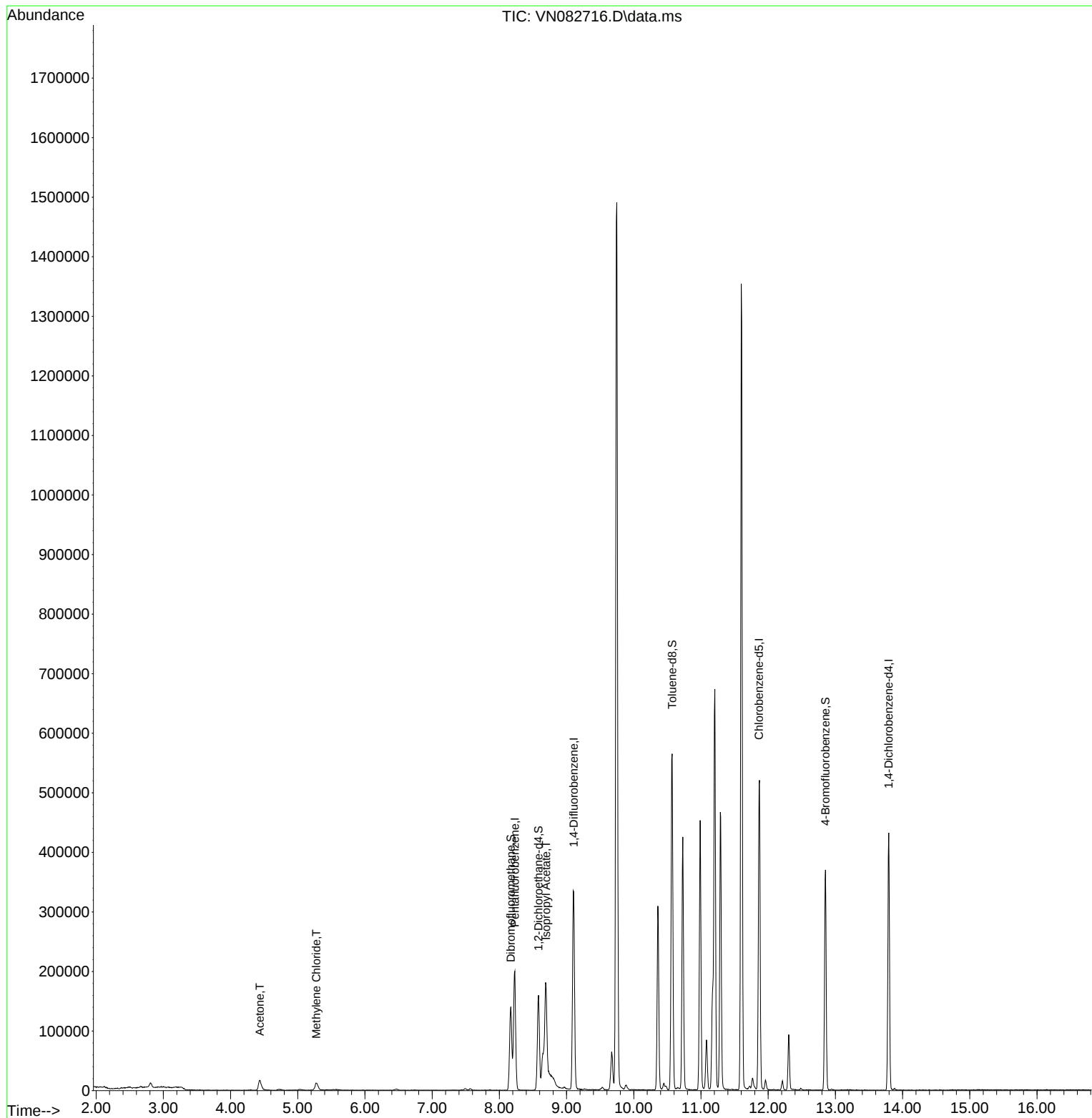
Internal Standards						
1) Pentafluorobenzene	8.230	168	135474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	270147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129060	59.406	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	118.820%
35) Dibromofluoromethane	8.171	113	95626	52.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.360%
50) Toluene-d8	10.571	98	366295	52.853	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.700%
62) 4-Bromofluorobenzene	12.853	95	115203	48.215	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	96.420%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	33785	34.194	ug/l	95
20) Methylene Chloride	5.277	84	8770	5.049	ug/l	88
43) Isopropyl Acetate	8.694	43	313196	48.023	ug/l #	78

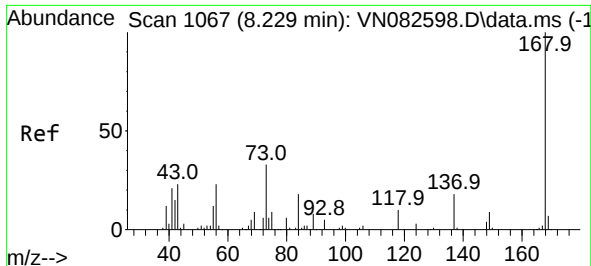
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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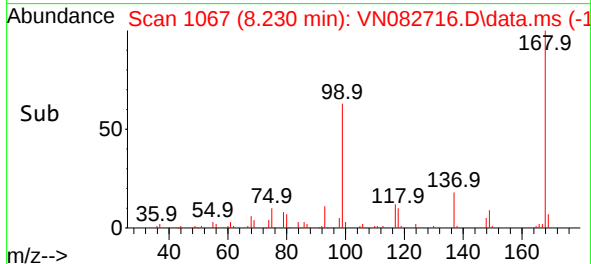
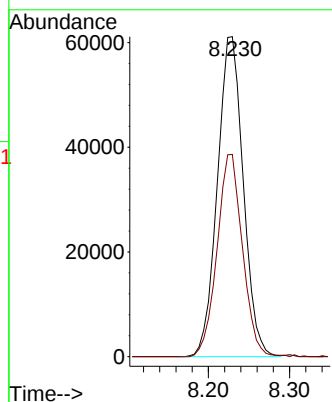
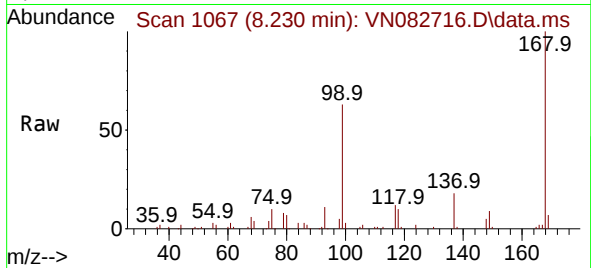




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082716.D
Acq: 25 Jun 2024 14:33

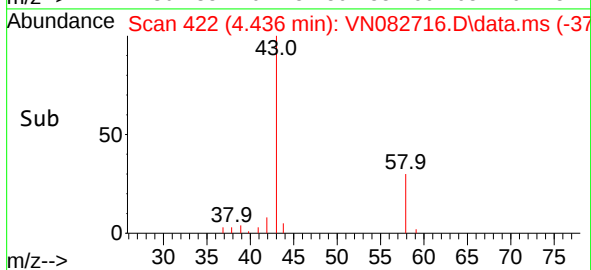
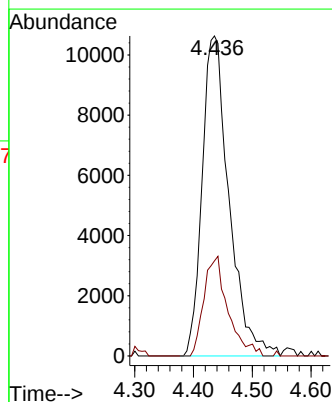
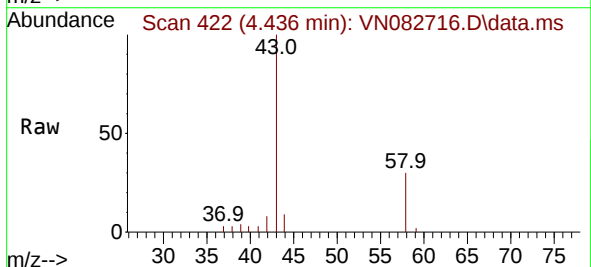
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#08

Tgt Ion:168 Resp: 135474
Ion Ratio Lower Upper
168 100
99 63.2 48.2 72.4



#16
Acetone
Concen: 34.194 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082716.D
Acq: 25 Jun 2024 14:33

Tgt Ion: 43 Resp: 33785
Ion Ratio Lower Upper
43 100
58 29.7 21.8 32.6

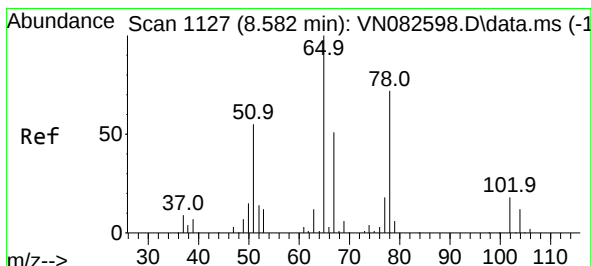
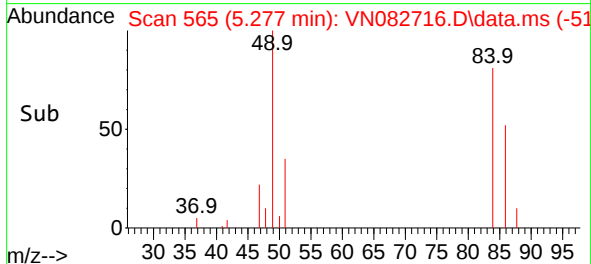
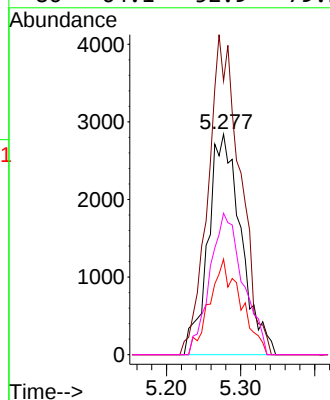
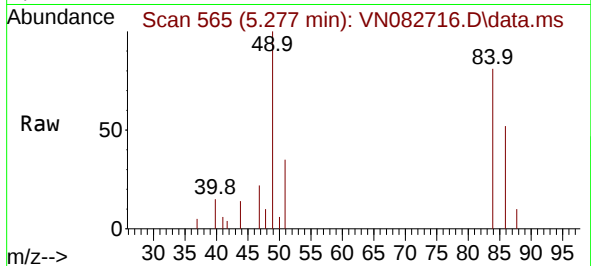




#20
Methylene Chloride
Concen: 5.049 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082716.D
Acq: 25 Jun 2024 14:33

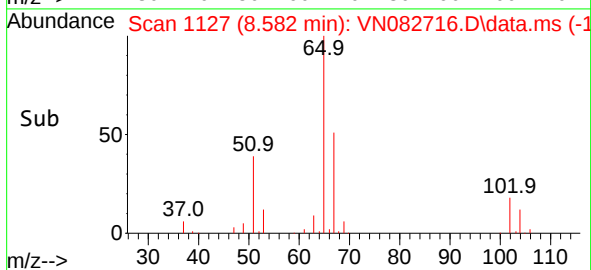
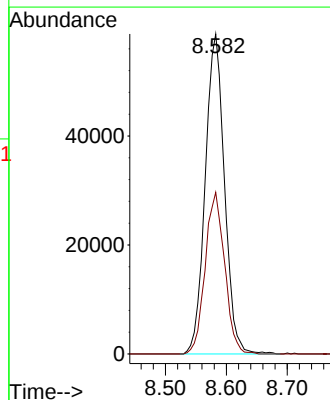
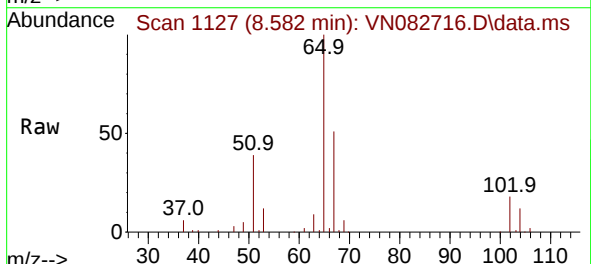
Instrument :
MSVOA_N
ClientSampleId :
PB161676ZHE#08

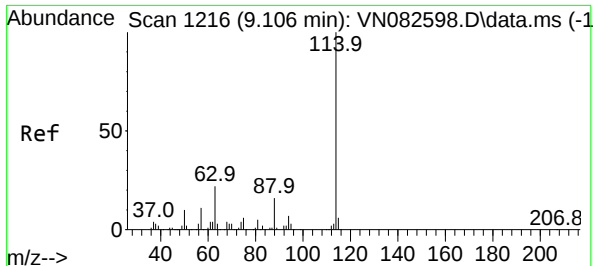
Tgt Ion:	84	Resp:	8770
Ion	Ratio	Lower	Upper
84	100		
49	124.1	119.6	179.4
51	43.3	34.8	52.2
86	64.1	52.9	79.3



#33
1,2-Dichloroethane-d4
Concen: 59.406 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082716.D
Acq: 25 Jun 2024 14:33

Tgt Ion:	65	Resp:	129060
Ion	Ratio	Lower	Upper
65	100		
67	51.0	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: VN082716.D

Acq: 25 Jun 2024 14:33

Instrument :

MSVOA_N

ClientSampleId :

PB161676ZHE#08

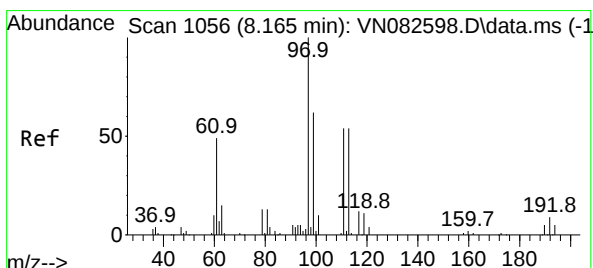
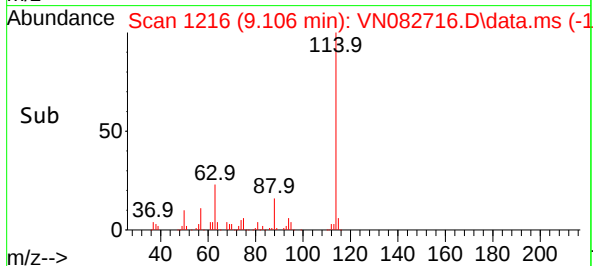
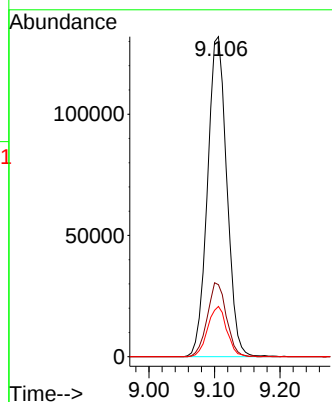
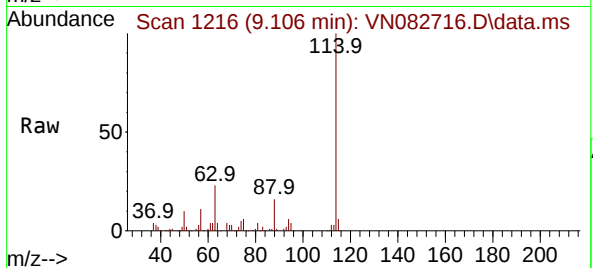
Tgt Ion:114 Resp: 270147

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.6

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.179 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082716.D

Acq: 25 Jun 2024 14:33

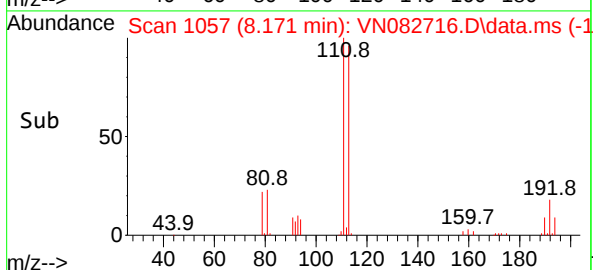
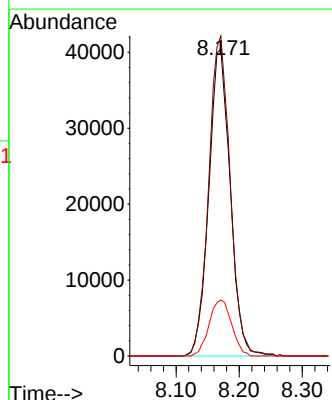
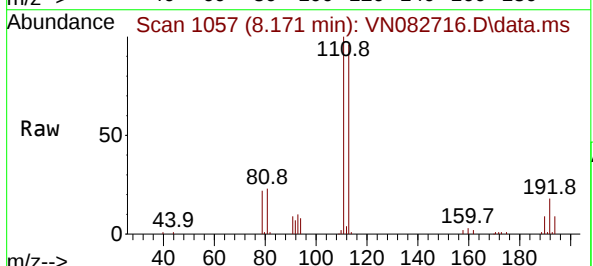
Tgt Ion:113 Resp: 95626

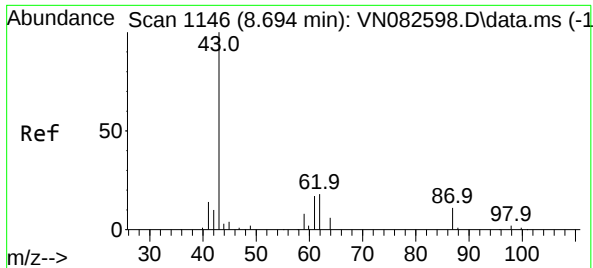
Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 19.1 14.9 22.3

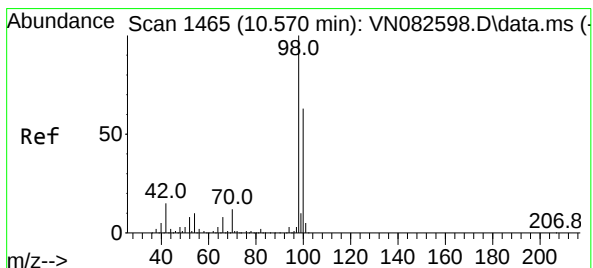
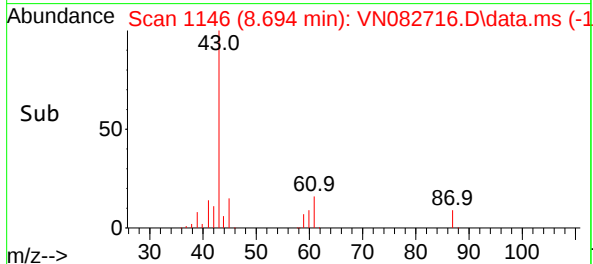
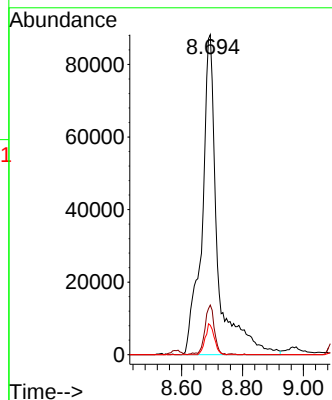
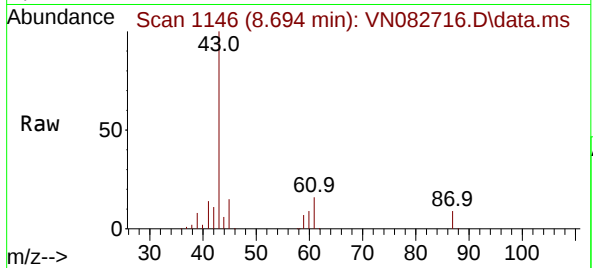




#43
Isopropyl Acetate
Concen: 48.023 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082716.D
Acq: 25 Jun 2024 14:33

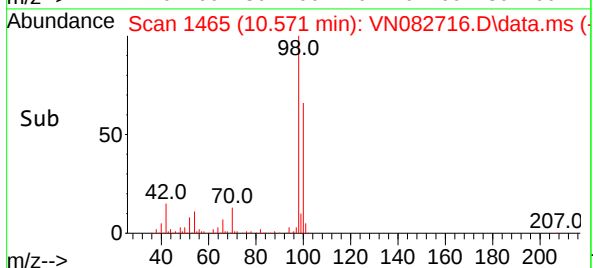
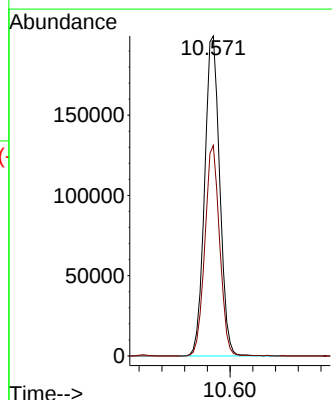
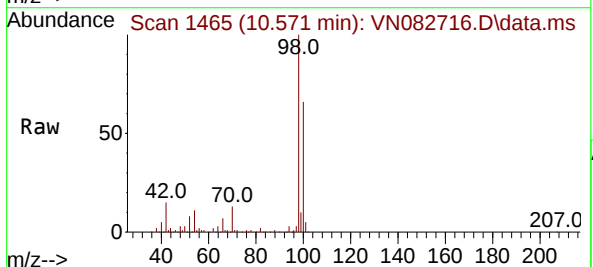
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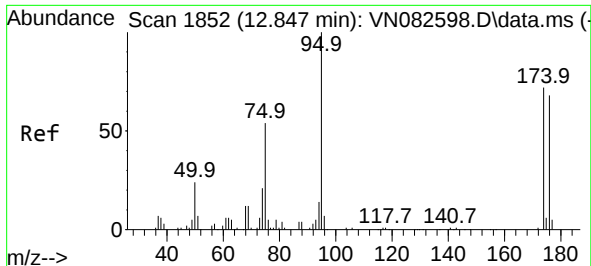
Tgt Ion: 43 Resp: 313196
Ion Ratio Lower Upper
43 100
61 9.5 17.8 26.6#
87 5.6 8.2 12.2#



#50
Toluene-d8
Concen: 52.853 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082716.D
Acq: 25 Jun 2024 14:33

Tgt Ion: 98 Resp: 366295
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

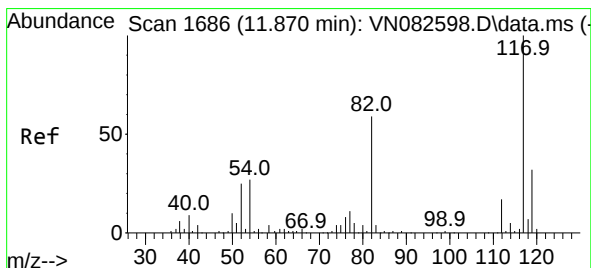
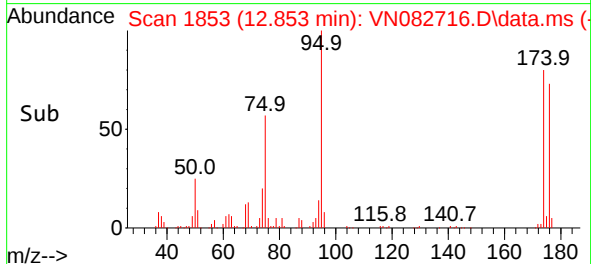
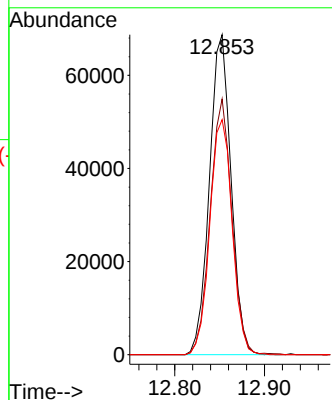
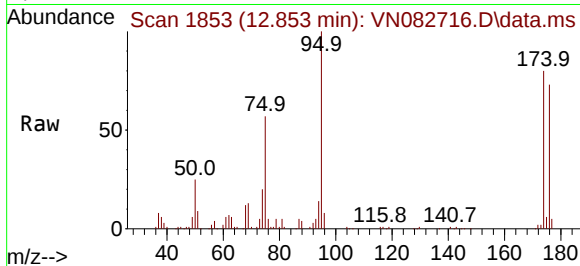




#62
4-Bromofluorobenzene
Concen: 48.215 ug/l
RT: 12.853 min Scan# 115203
Delta R.T. 0.006 min
Lab File: VN082716.D
Acq: 25 Jun 2024 14:33

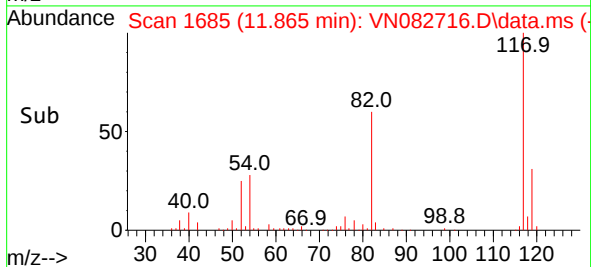
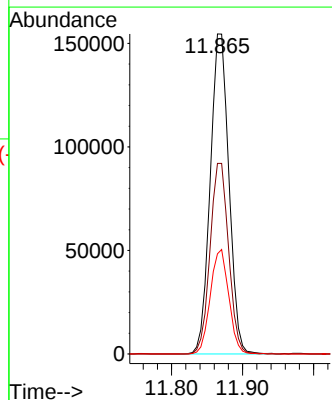
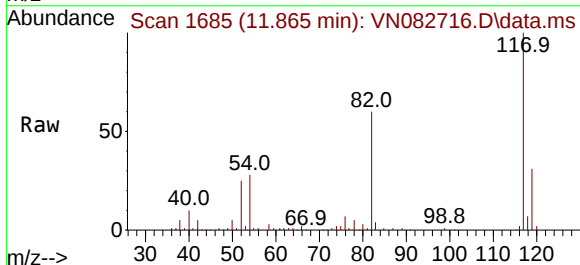
Instrument :
MSVOA_N
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PB161676ZHE#08

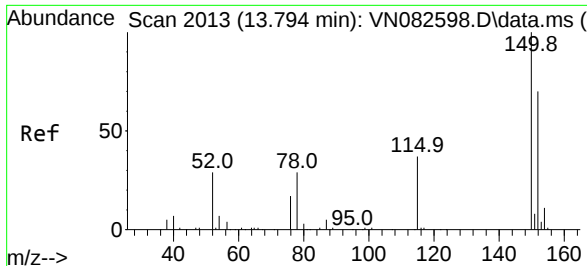
Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	159.2
176	75.7	0.0	147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN082716.D
Acq: 25 Jun 2024 14:33

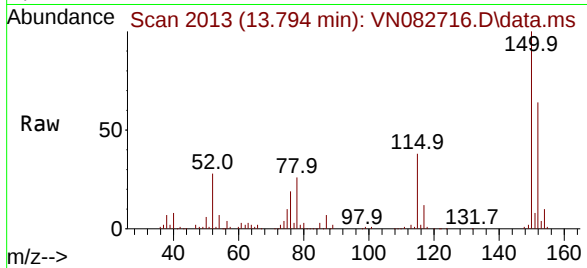
Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.5	71.3
119	31.3	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082716.D
 Acq: 25 Jun 2024 14:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161676ZHE#08



Tgt Ion:152 Resp: 110365
 Ion Ratio Lower Upper
 152 100
 115 58.5 30.6 91.6
 150 157.3 0.0 348.6

