

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082772.D
 Acq On : 01 Jul 2024 17:53
 Operator : JC\MD
 Sample : PB161815ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161815ZHE#04

Quant Time: Jul 02 00:11:29 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)

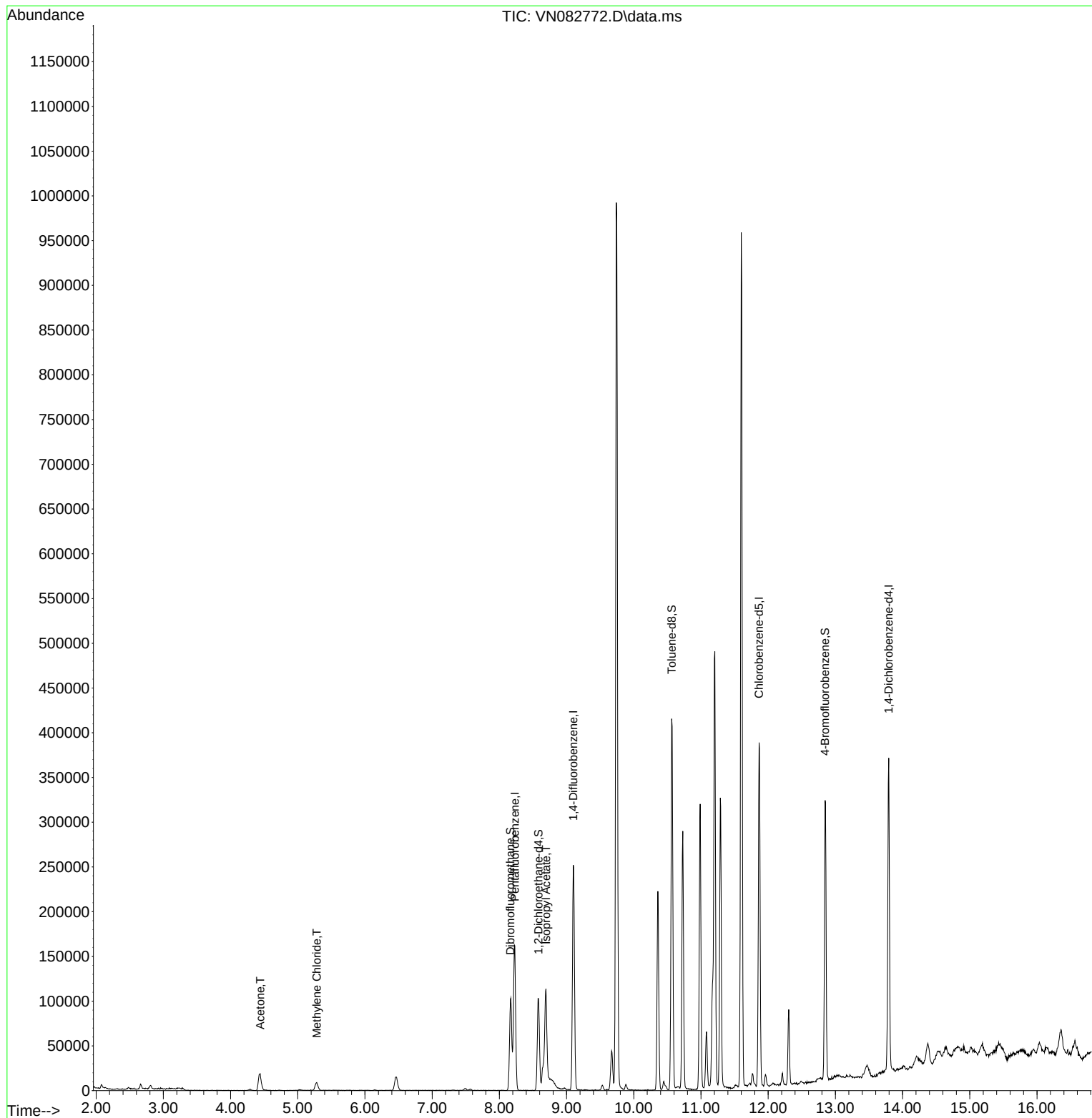
Internal Standards						
1) Pentafluorobenzene	8.230	168	116288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	219698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	88743	49.485	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.960%
35) Dibromofluoromethane	8.165	113	73295	50.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.340%
50) Toluene-d8	10.565	98	280532	51.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.847	95	106378	57.262	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	114.520%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	38339	56.426	ug/l	100
20) Methylene Chloride	5.283	84	7043	4.096	ug/l #	71
43) Isopropyl Acetate	8.694	43	175782	44.890	ug/l #	84

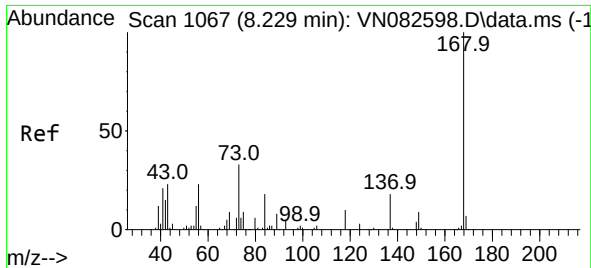
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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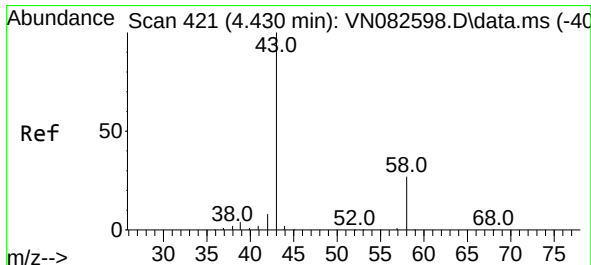
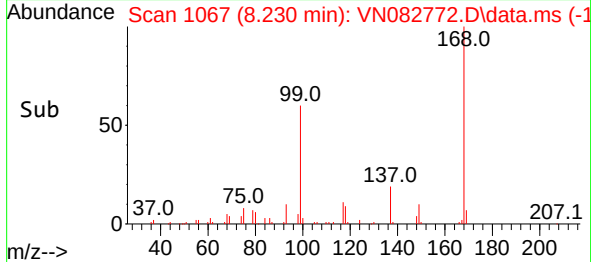
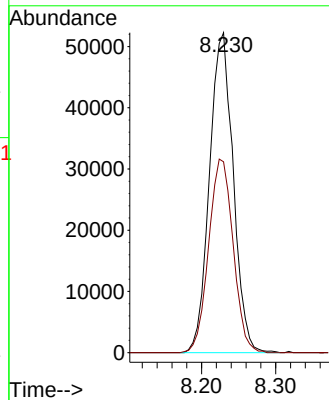
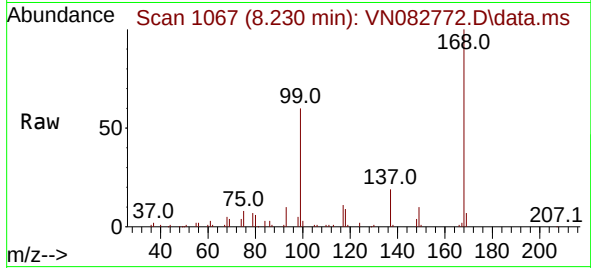




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082772.D
Acq: 01 Jul 2024 17:53

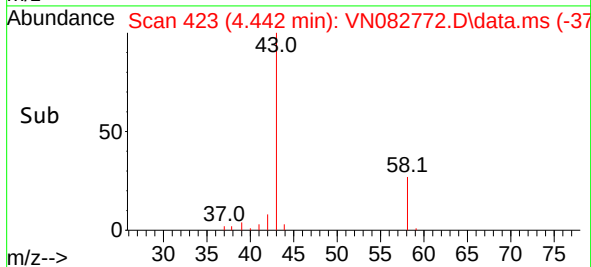
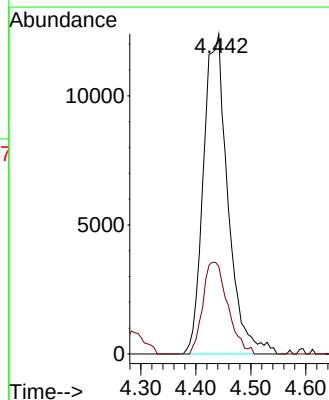
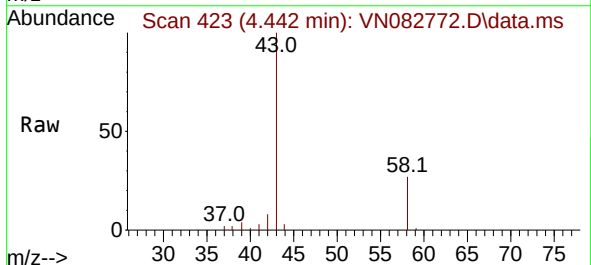
Instrument :
MSVOA_N
ClientSampleId :
PB161815ZHE#04

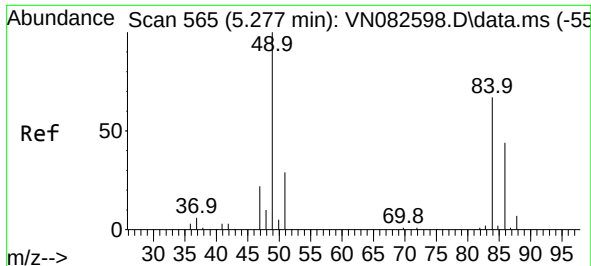
Tgt Ion:168 Resp: 116288
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.4



#16
Acetone
Concen: 56.426 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082772.D
Acq: 01 Jul 2024 17:53

Tgt Ion: 43 Resp: 38339
Ion Ratio Lower Upper
43 100
58 27.4 21.8 32.6

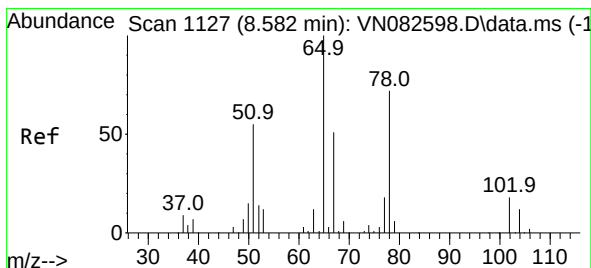
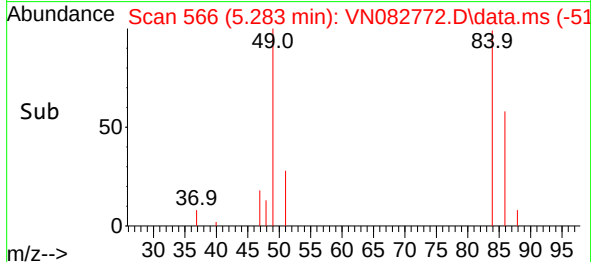
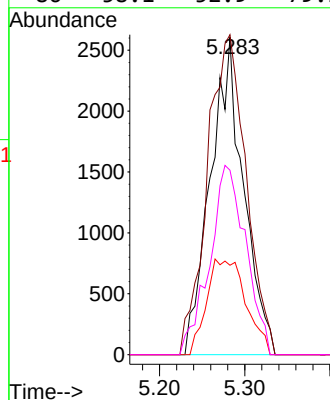
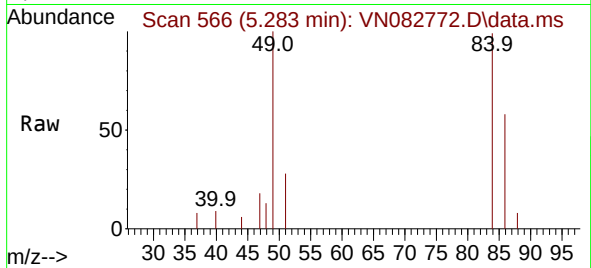




#20
Methylene Chloride
Concen: 4.096 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082772.D
Acq: 01 Jul 2024 17:53

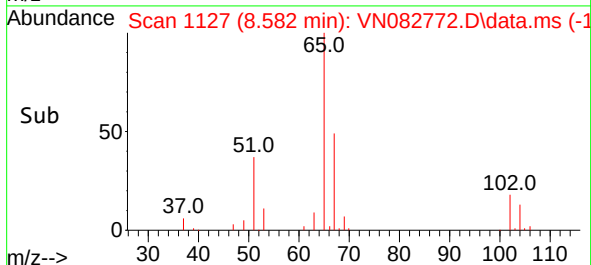
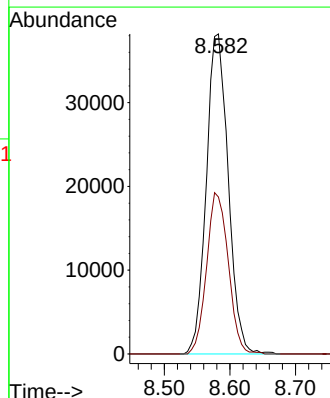
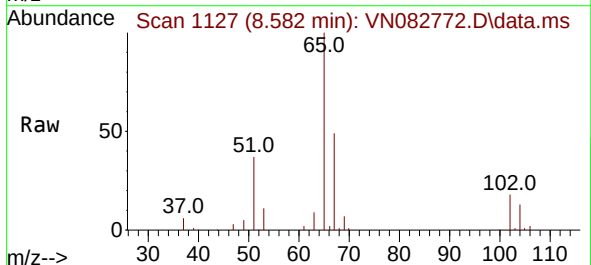
Instrument :
MSVOA_N
ClientSampleId :
PB161815ZHE#04

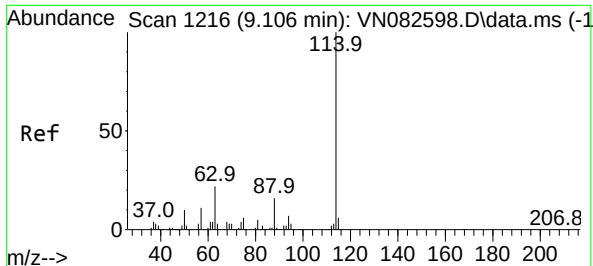
Tgt Ion: 84 Resp: 7043
Ion Ratio Lower Upper
84 100
49 100.8 119.6 179.4#
51 28.2 34.8 52.2#
86 58.1 52.9 79.3



#33
1,2-Dichloroethane-d4
Concen: 49.485 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082772.D
Acq: 01 Jul 2024 17:53

Tgt Ion: 65 Resp: 88743
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082772.D

Acq: 01 Jul 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

PB161815ZHE#04

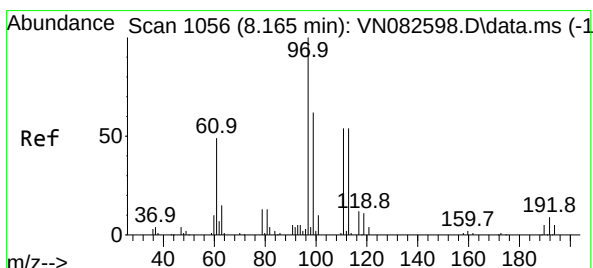
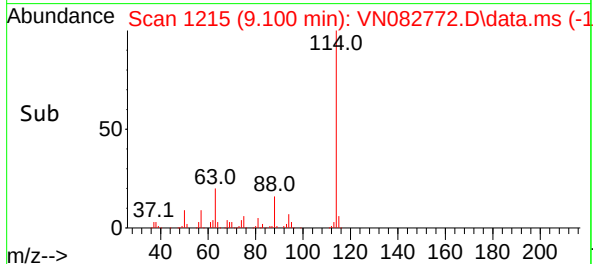
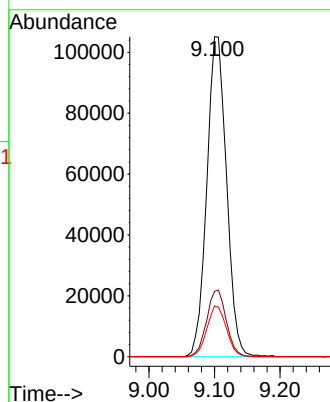
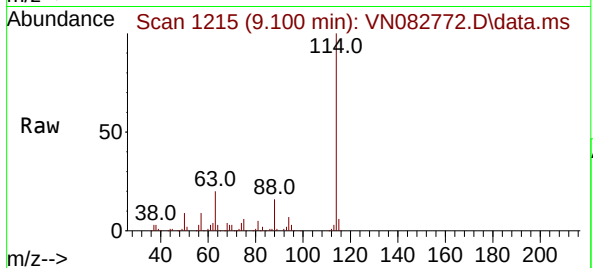
Tgt Ion:114 Resp: 219698

Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.6

88 15.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.671 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082772.D

Acq: 01 Jul 2024 17:53

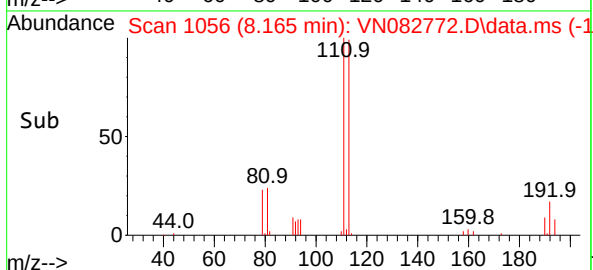
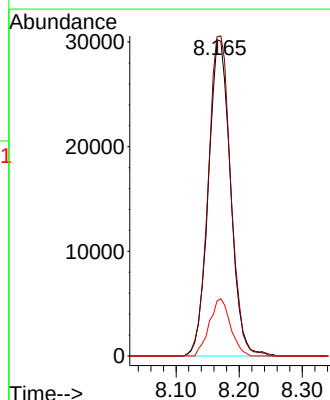
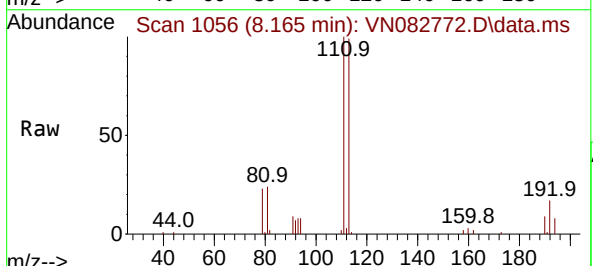
Tgt Ion:113 Resp: 73295

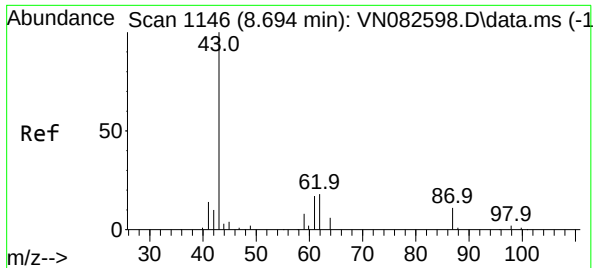
Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 17.3 14.9 22.3

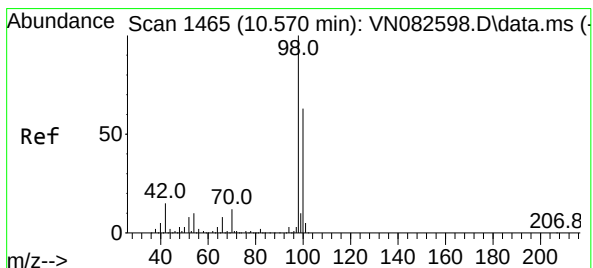
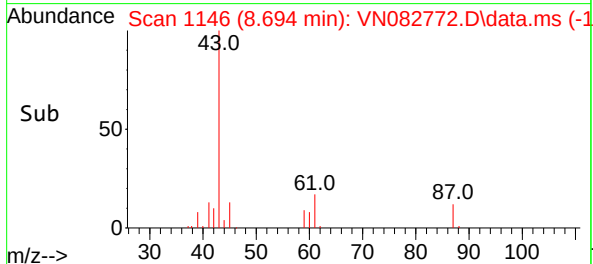
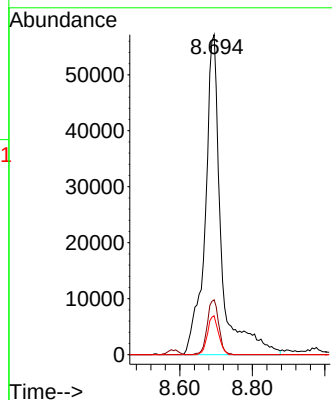
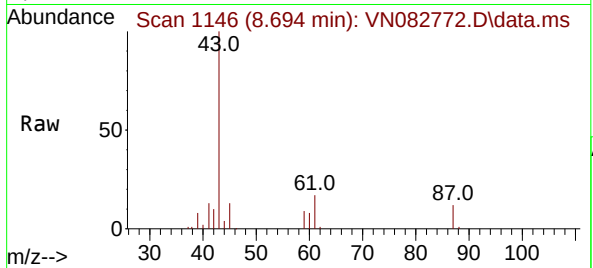




#43
Isopropyl Acetate
Concen: 44.890 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082772.D
Acq: 01 Jul 2024 17:53

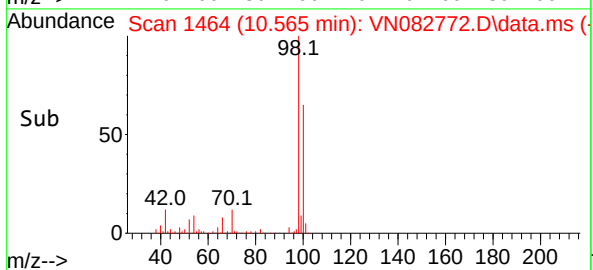
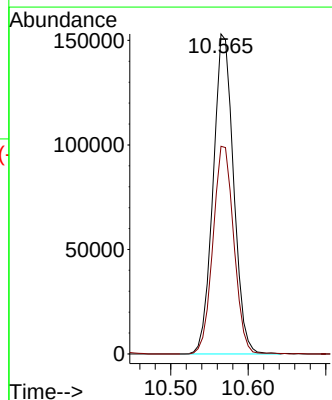
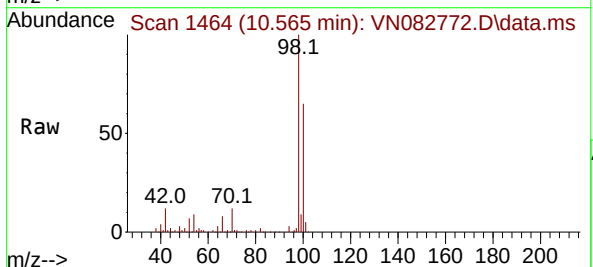
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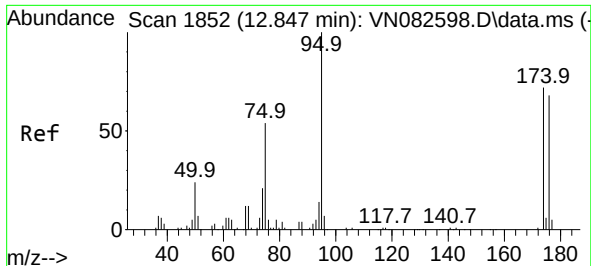
Tgt Ion: 43 Resp: 175782
Ion Ratio Lower Upper
43 100
61 12.3 17.8 26.6#
87 8.4 8.2 12.2



#50
Toluene-d8
Concen: 51.859 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082772.D
Acq: 01 Jul 2024 17:53

Tgt Ion: 98 Resp: 280532
Ion Ratio Lower Upper
98 100
100 66.1 51.5 77.3

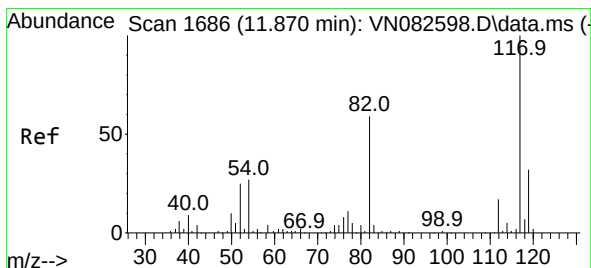
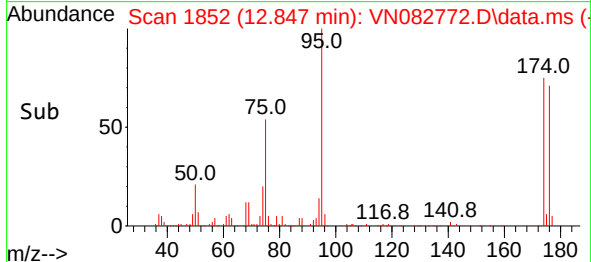
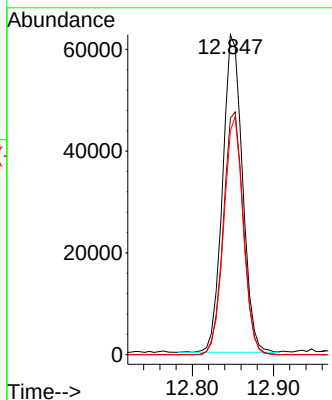
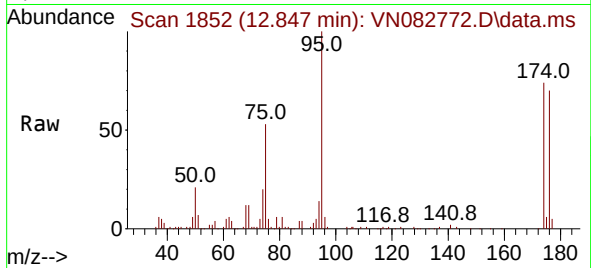




#62
4-Bromofluorobenzene
Concen: 57.262 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082772.D
Acq: 01 Jul 2024 17:53

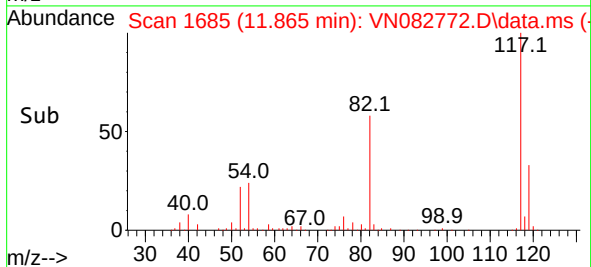
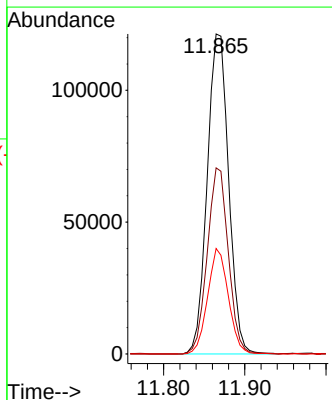
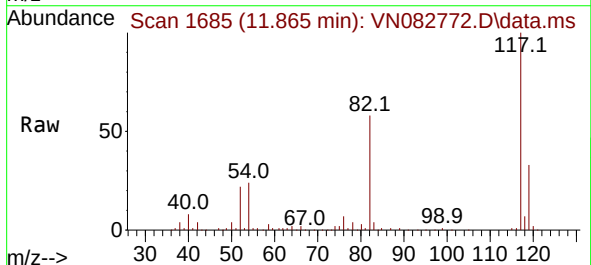
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PB161815ZHE#04

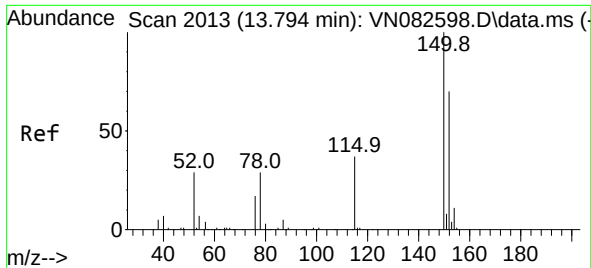
Tgt Ion: 95 Resp: 106378
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.2
176 73.5 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082772.D
Acq: 01 Jul 2024 17:53

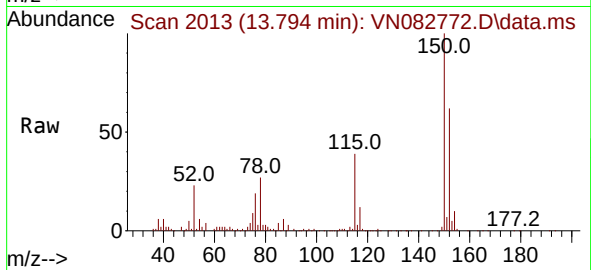
Tgt Ion: 117 Resp: 222416
Ion Ratio Lower Upper
117 100
82 58.2 47.5 71.3
119 33.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082772.D
 Acq: 01 Jul 2024 17:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161815ZHE#04



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.6	91.6
150	159.4	0.0	348.6

