

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
 Data File : VN078645.D
 Acq On : 25 Jul 2023 14:23
 Operator : JC\MD
 Sample : PB154393TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154393TB

Quant Time: Jul 26 04:46:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

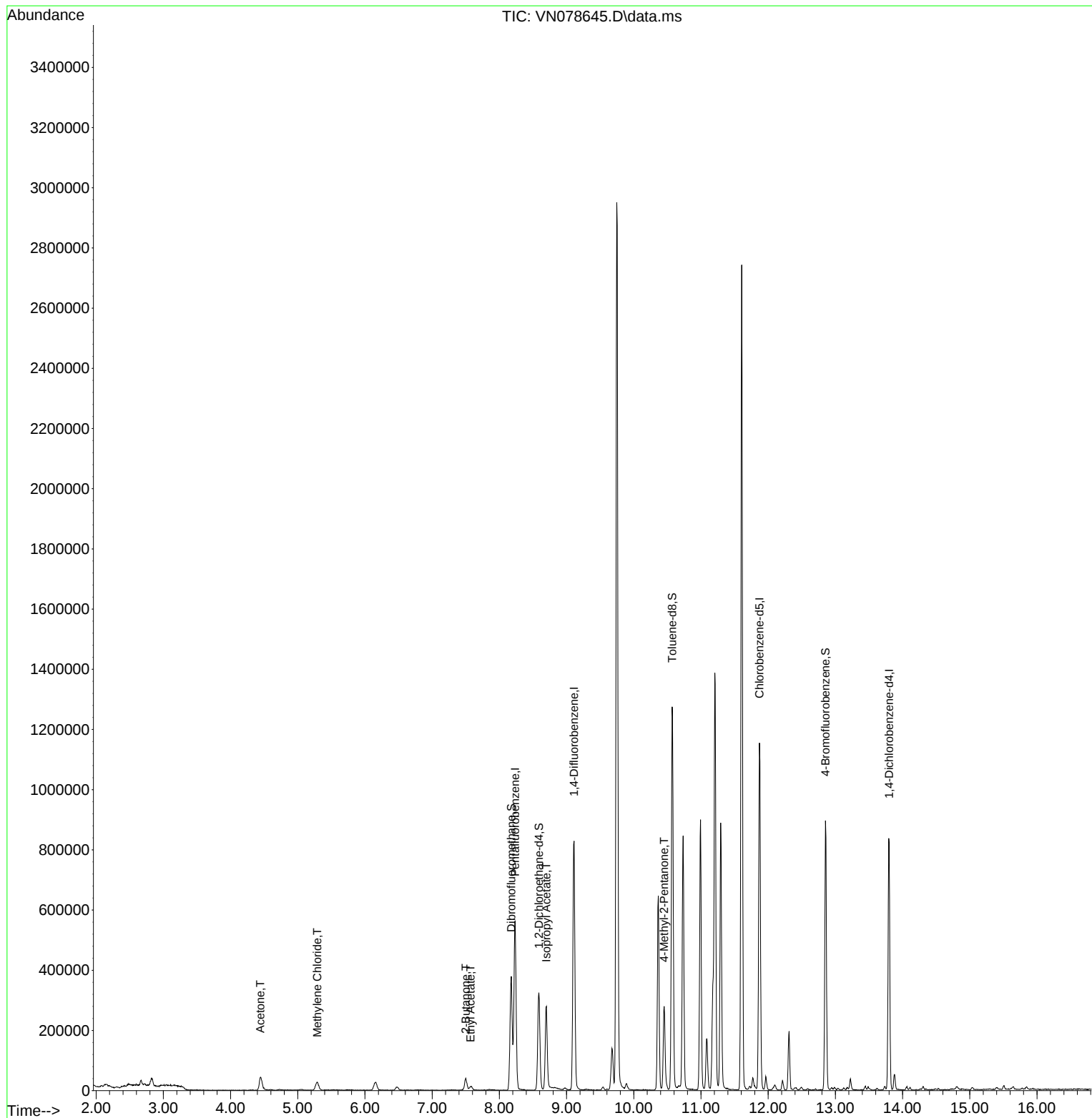
Internal Standards						
1) Pentafluorobenzene	8.236	168	429455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	752667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	724223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	235788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	263878	45.834	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	91.660%	
35) Dibromofluoromethane	8.177	113	267569	52.369	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.740%	
50) Toluene-d8	10.571	98	931986	48.286	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.580%	
62) 4-Bromofluorobenzene	12.853	95	301765	50.757	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	82417	45.956	ug/l	99
20) Methylene Chloride	5.289	84	23139	3.357	ug/l	94
25) 2-Butanone	7.500	43	57653	20.422	ug/l #	79
37) Ethyl Acetate	7.571	43	18160	2.953	ug/l	97
43) Isopropyl Acetate	8.700	43	307455	30.365	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	193493	32.128	ug/l	92

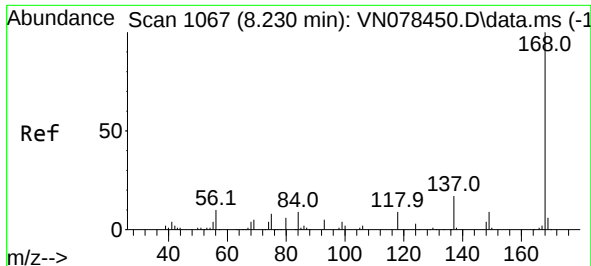
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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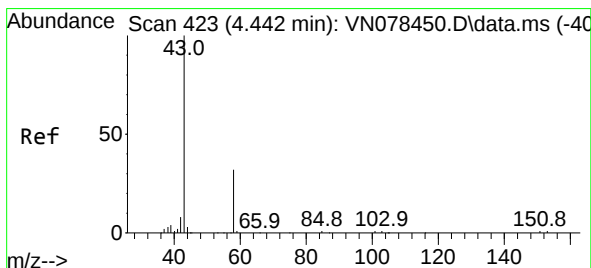
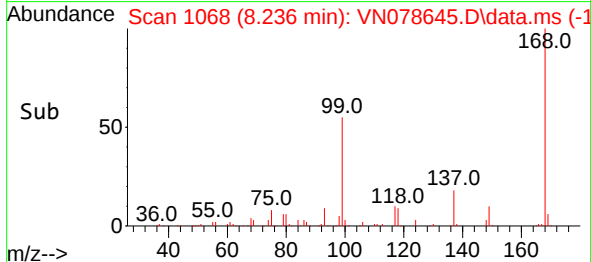
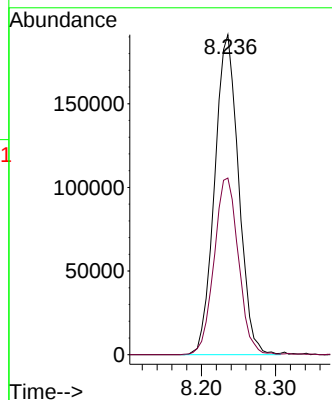
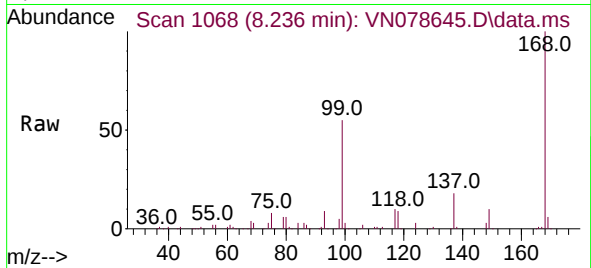




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN078645.D
Acq: 25 Jul 2023 14:23

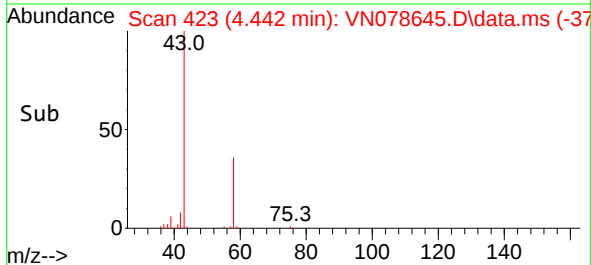
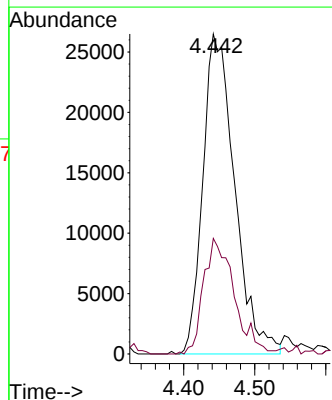
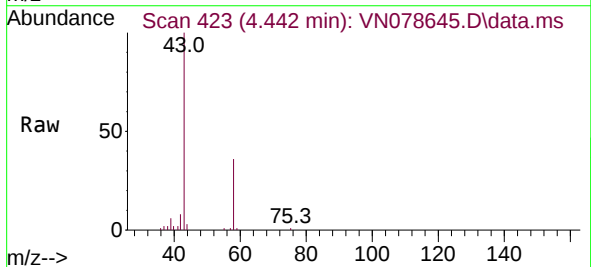
Instrument :
MSVOA_N
ClientSampleId :
PB154393TB

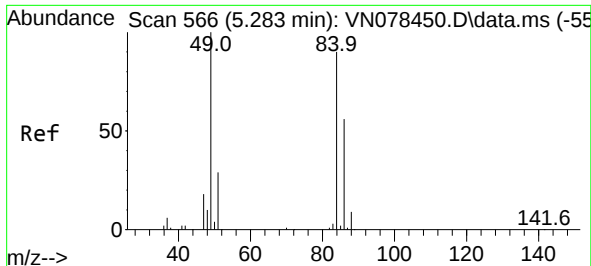
Tgt Ion:168 Resp: 429455
Ion Ratio Lower Upper
168 100
99 55.2 53.0 79.6



#16
Acetone
Concen: 45.956 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078645.D
Acq: 25 Jul 2023 14:23

Tgt Ion: 43 Resp: 82417
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0

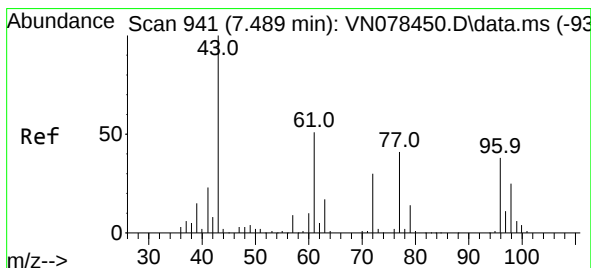
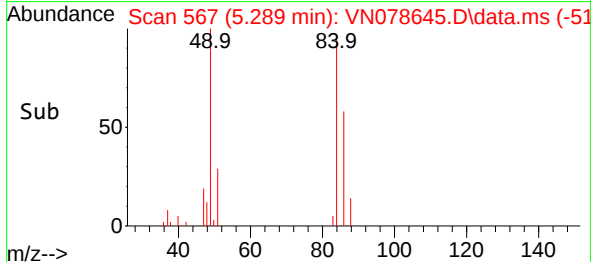
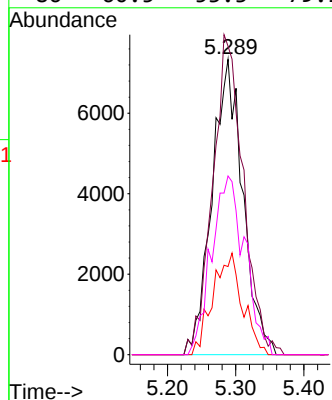
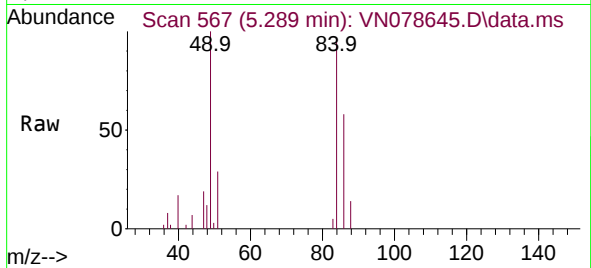




#20
Methylene Chloride
Concen: 3.357 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078645.D
Acq: 25 Jul 2023 14:23

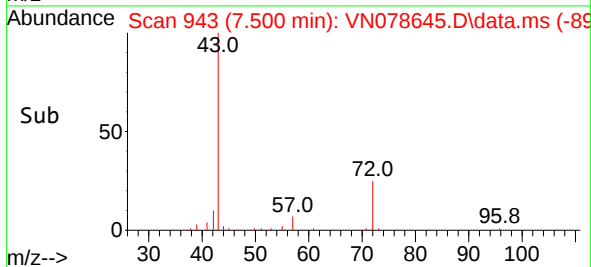
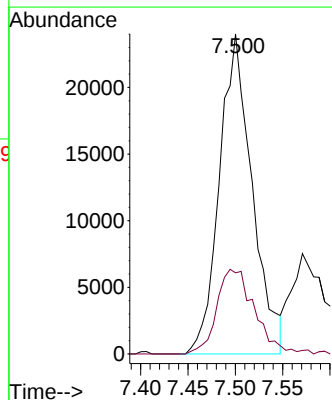
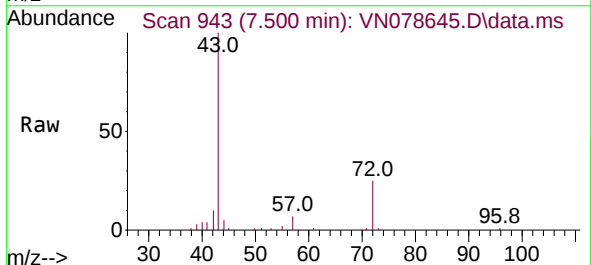
Instrument :
MSVOA_N
ClientSampleId :
PB154393TB

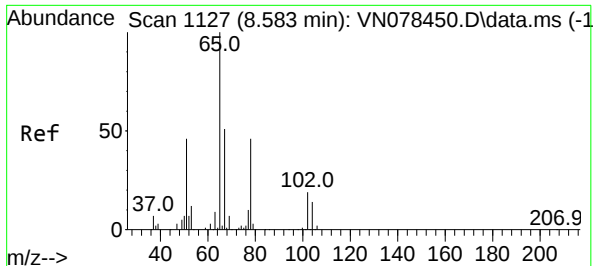
Tgt Ion:	84	Resp:	23139
Ion	Ratio	Lower	Upper
84	100		
49	104.4	79.7	119.5
51	29.9	25.2	37.8
86	60.5	53.3	79.9



#25
2-Butanone
Concen: 20.422 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.011 min
Lab File: VN078645.D
Acq: 25 Jul 2023 14:23

Tgt Ion:	43	Resp:	57653
Ion	Ratio	Lower	Upper
43	100		
72	25.4	30.2	45.2#

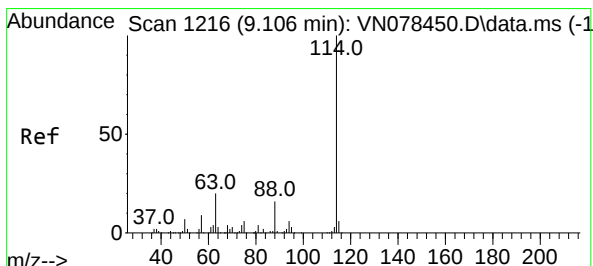
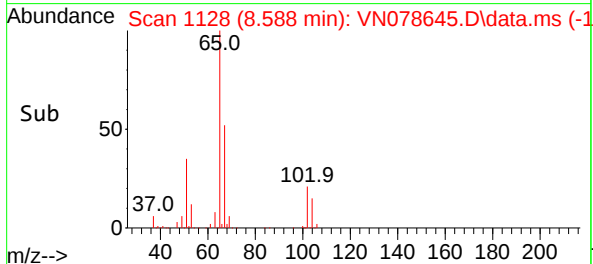
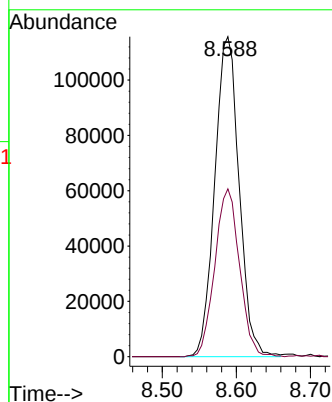
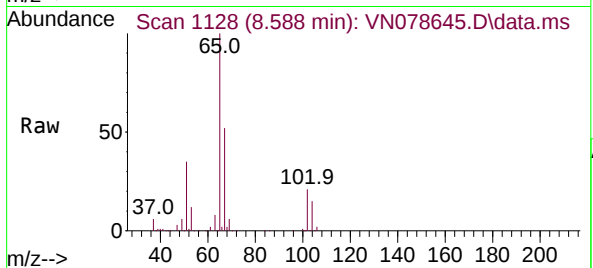




#33
1,2-Dichloroethane-d4
Concen: 45.834 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078645.D
Acq: 25 Jul 2023 14:23

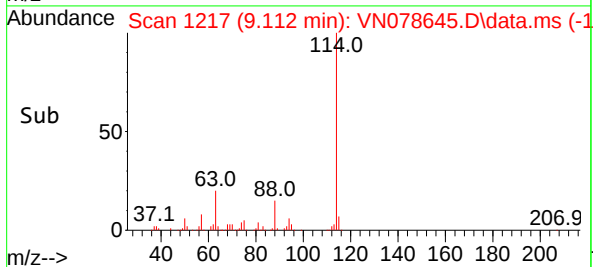
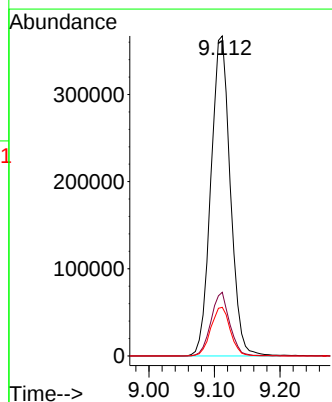
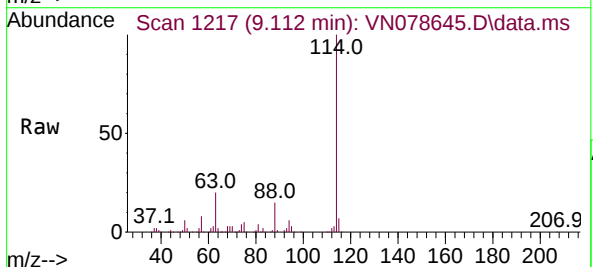
Instrument :
MSVOA_N
ClientSampleId :
PB154393TB

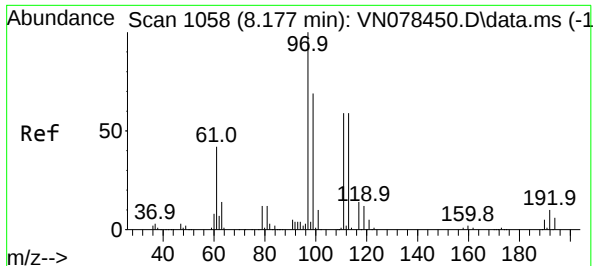
Tgt Ion: 65 Resp: 263878
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078645.D
Acq: 25 Jul 2023 14:23

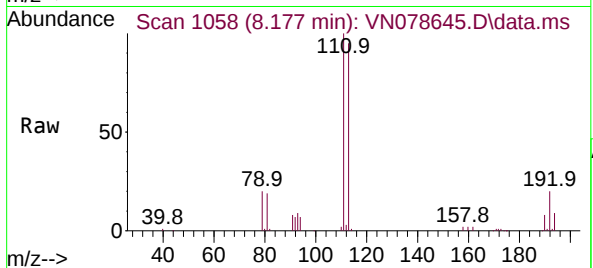
Tgt Ion: 114 Resp: 752667
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.4
88 15.2 0.0 30.6



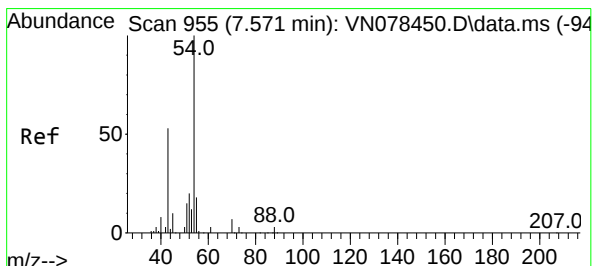
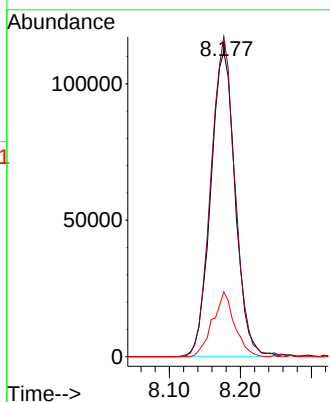
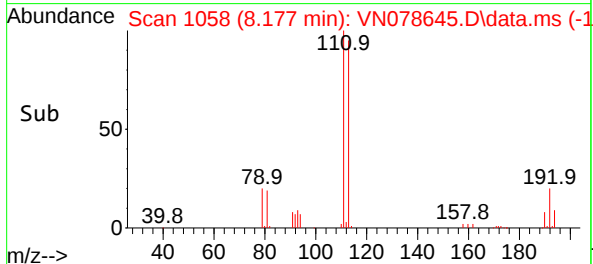


#35
Dibromofluoromethane
Concen: 52.369 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078645.D
Acq: 25 Jul 2023 14:23

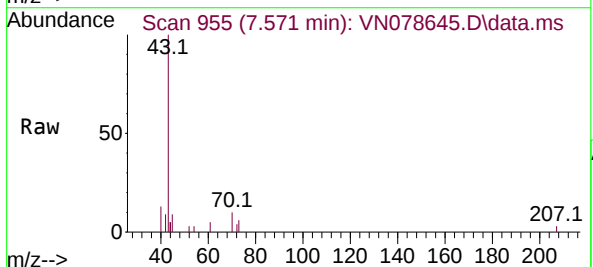
Instrument :
MSVOA_N
ClientSampleId :
PB154393TB



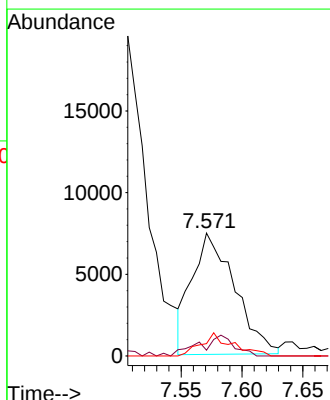
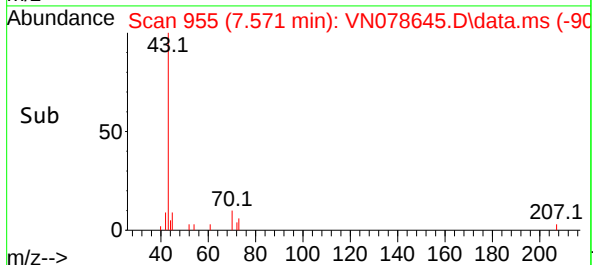
Tgt Ion:113 Resp: 267569
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 19.0 12.7 19.1

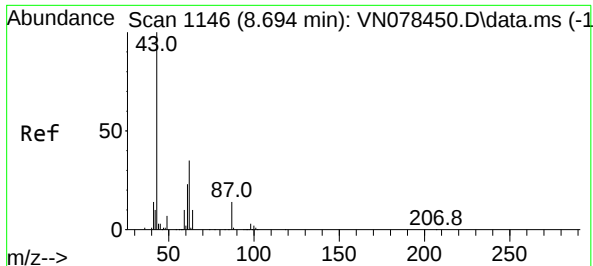


#37
Ethyl Acetate
Concen: 2.953 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078645.D
Acq: 25 Jul 2023 14:23



Tgt Ion: 43 Resp: 18160
Ion Ratio Lower Upper
43 100
61 14.1 13.2 19.8
70 14.0 11.3 16.9





#43

Isopropyl Acetate

Concen: 30.365 ug/l

RT: 8.700 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN078645.D

Acq: 25 Jul 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

PB154393TB

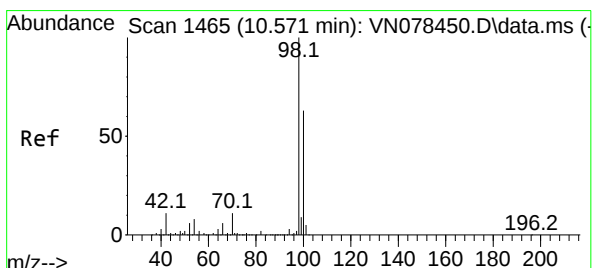
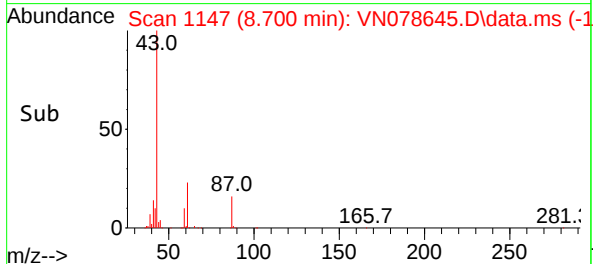
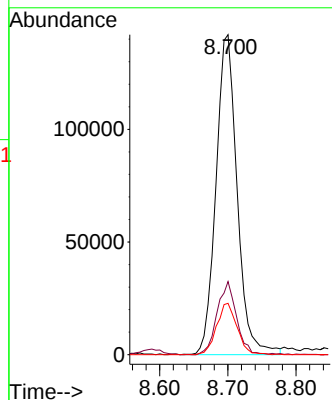
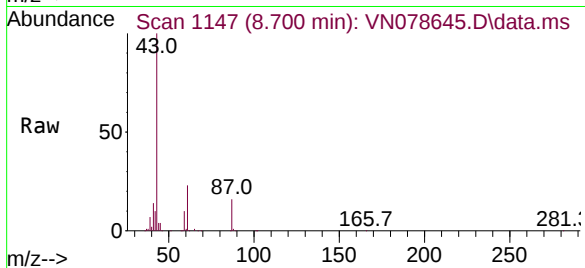
Tgt Ion: 43 Resp: 307455

Ion Ratio Lower Upper

43 100

61 20.9 24.7 37.1#

87 15.5 14.6 21.8



#50

Toluene-d8

Concen: 48.286 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078645.D

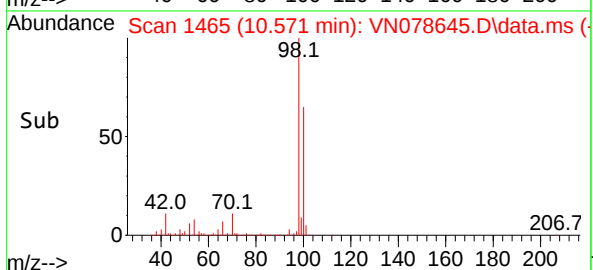
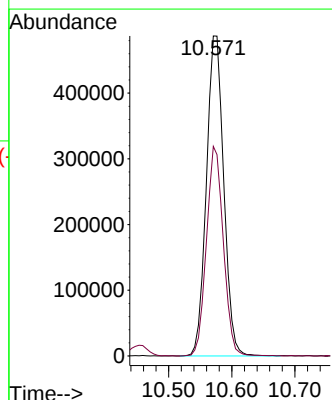
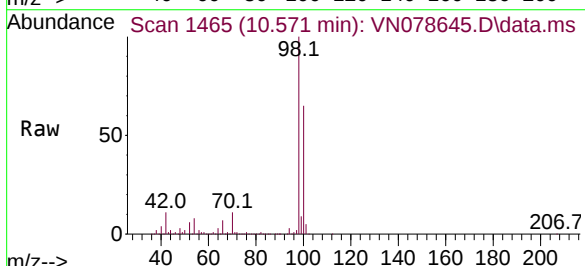
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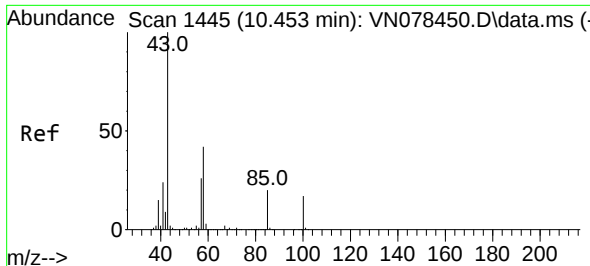
Tgt Ion: 98 Resp: 931986

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

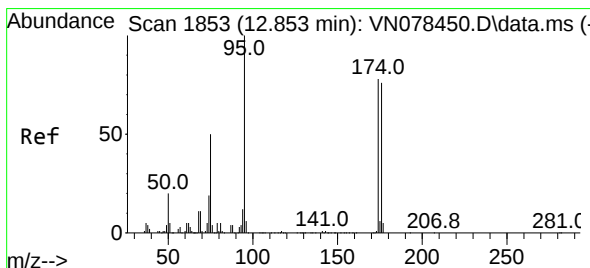
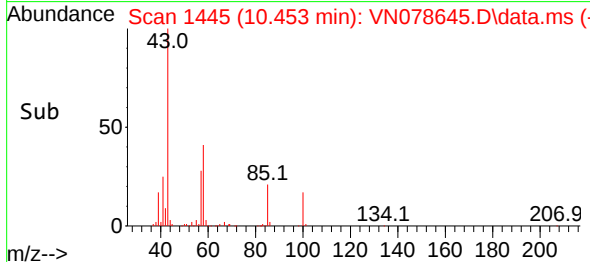
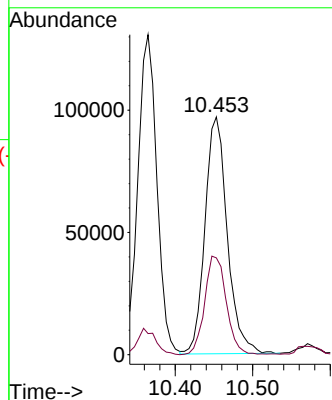
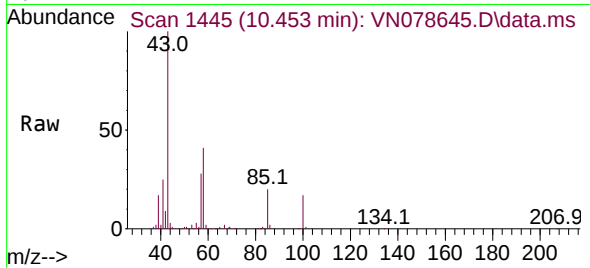




#51
4-Methyl-2-Pentanone
Concen: 32.128 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078645.D
Acq: 25 Jul 2023 14:23

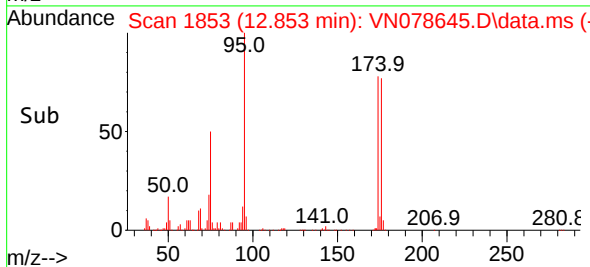
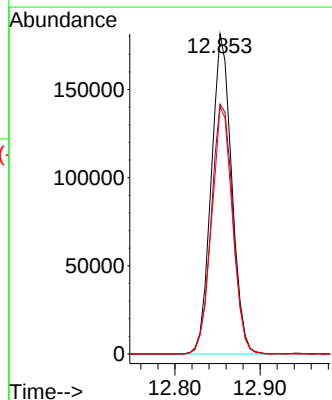
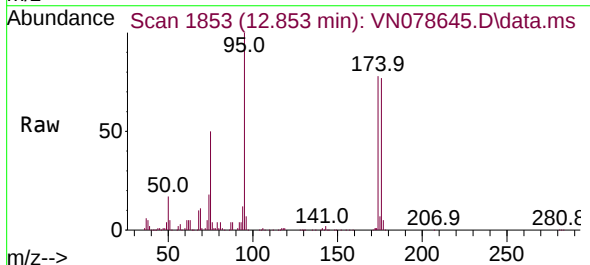
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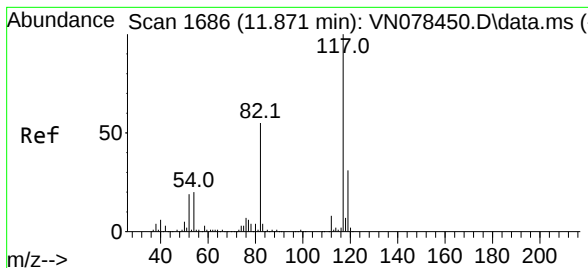
Tgt Ion: 43 Resp: 193493
Ion Ratio Lower Upper
43 100
58 40.5 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 50.757 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078645.D
Acq: 25 Jul 2023 14:23

Tgt Ion: 95 Resp: 301765
Ion Ratio Lower Upper
95 100
174 82.8 0.0 143.8
176 79.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078645.D

Acq: 25 Jul 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

PB154393TB

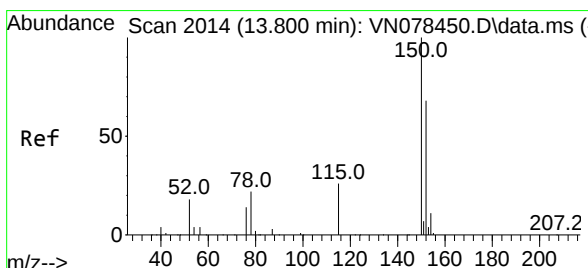
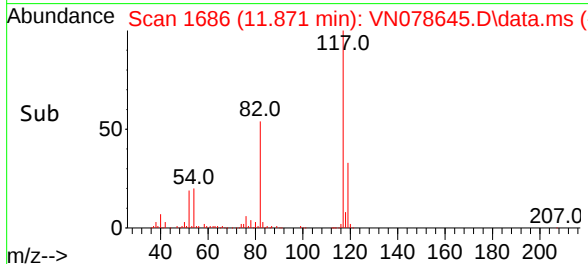
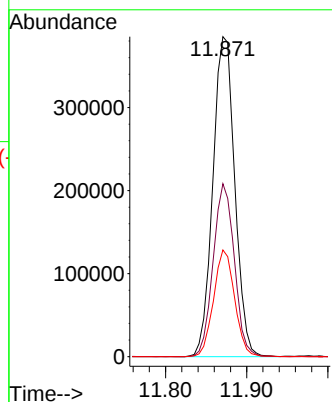
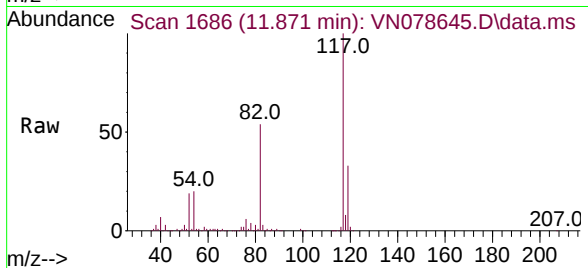
Tgt Ion:117 Resp: 724223

Ion Ratio Lower Upper

117 100

82 54.1 44.0 66.0

119 33.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078645.D

Acq: 25 Jul 2023 14:23

Tgt Ion:152 Resp: 235788

Ion Ratio Lower Upper

152 100

115 59.9 32.3 96.8

150 158.1 0.0 355.8

