

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078024.D
 Acq On : 02 Jun 2023 12:09
 Operator : JC\MD
 Sample : PB153165ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153165ZHE#01

Quant Time: Jun 05 01:17:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

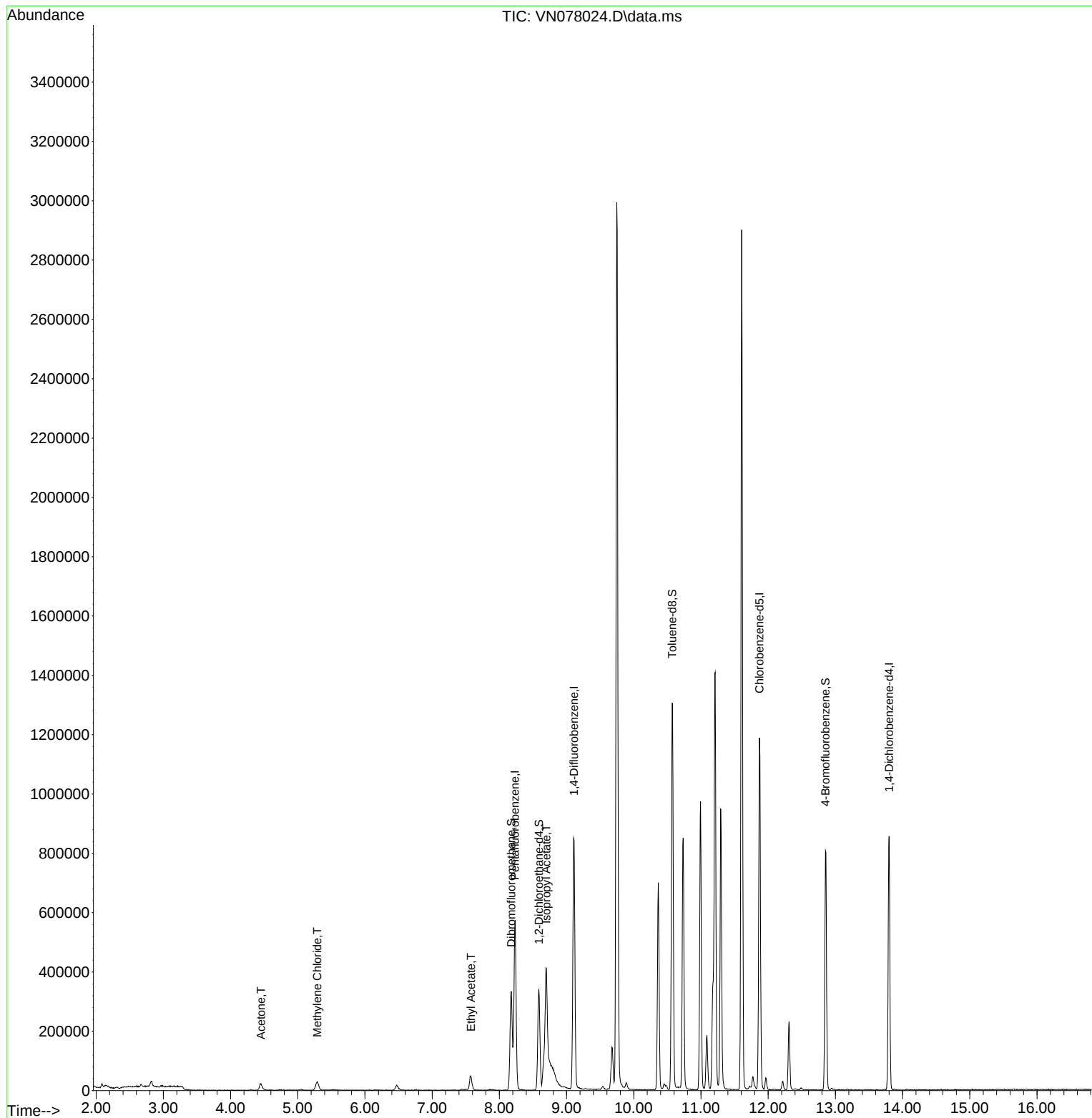
Internal Standards						
1) Pentafluorobenzene	8.229	168	411549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	766719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	711622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	228420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	283274	46.002	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.000%
35) Dibromofluoromethane	8.177	113	243187	48.640	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.280%
50) Toluene-d8	10.570	98	967971	50.299	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.853	95	294116	43.274	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.540%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	39395	20.335	ug/l #	86
20) Methylene Chloride	5.288	84	24296	2.959	ug/l #	89
37) Ethyl Acetate	7.577	43	74493	11.429	ug/l	97
43) Isopropyl Acetate	8.700	43	714903	67.149	ug/l #	67

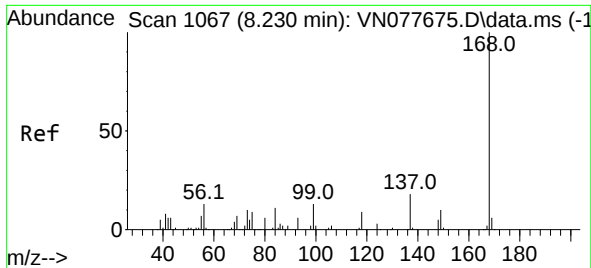
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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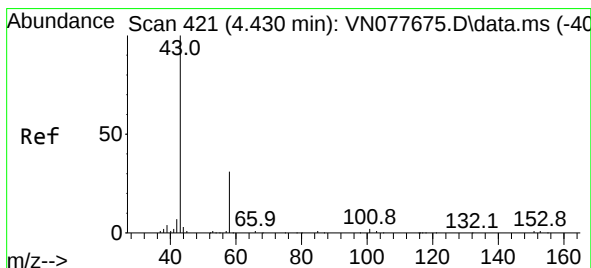
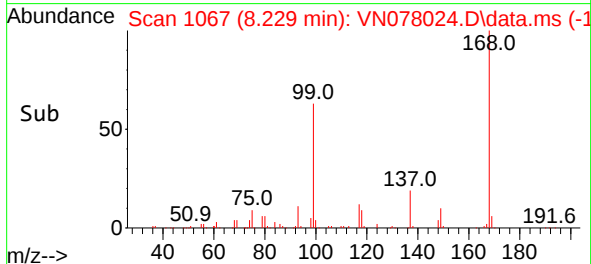
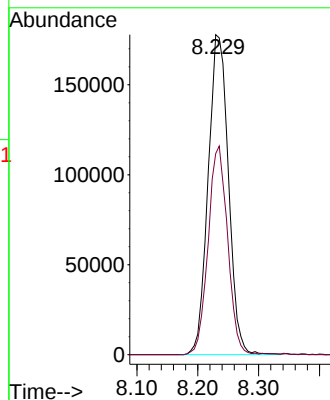
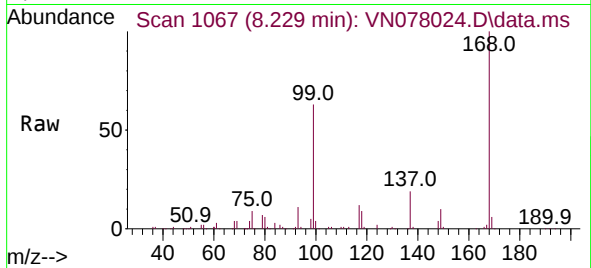




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078024.D
Acq: 02 Jun 2023 12:09

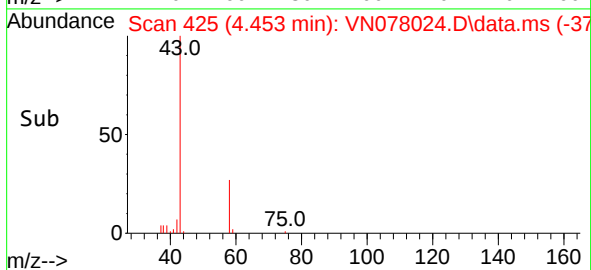
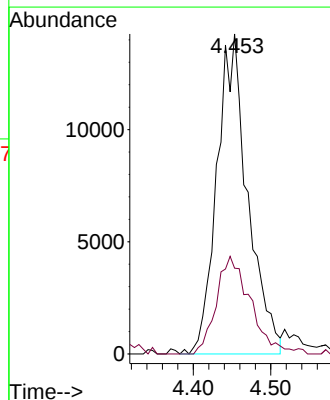
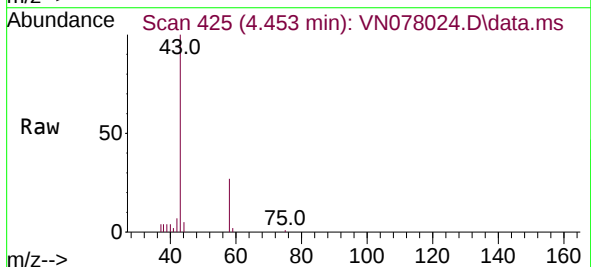
Instrument :
MSVOA_N
ClientSampleId :
PB153165ZHE#01

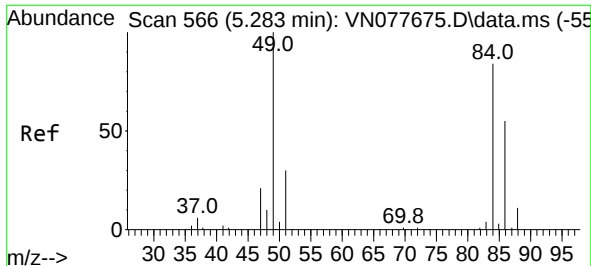
Tgt Ion:168 Resp: 411549
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#16
Acetone
Concen: 20.335 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN078024.D
Acq: 02 Jun 2023 12:09

Tgt Ion: 43 Resp: 39395
Ion Ratio Lower Upper
43 100
58 26.8 28.0 42.0#

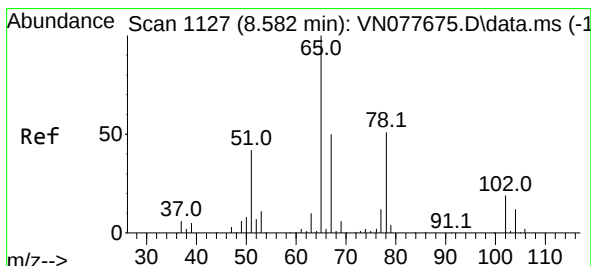
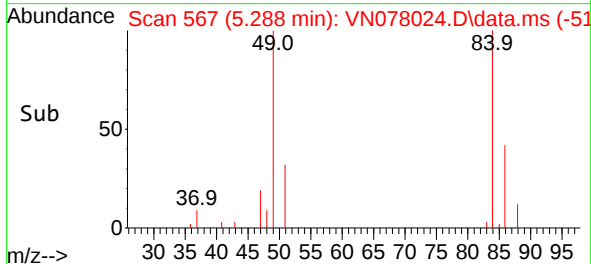
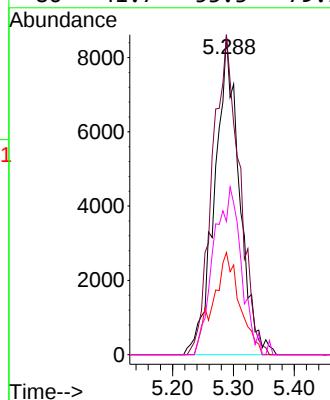
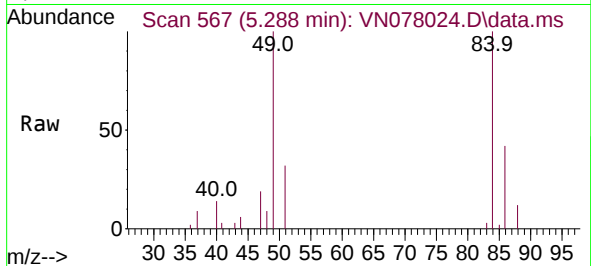




#20
Methylene Chloride
Concen: 2.959 ug/l
RT: 5.288 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN078024.D
Acq: 02 Jun 2023 12:09

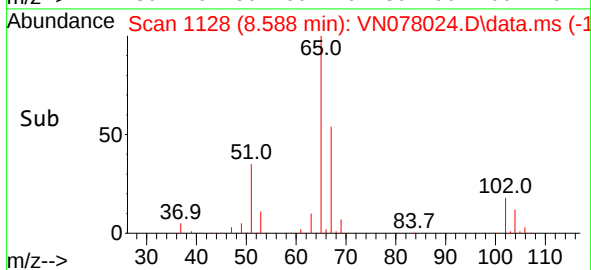
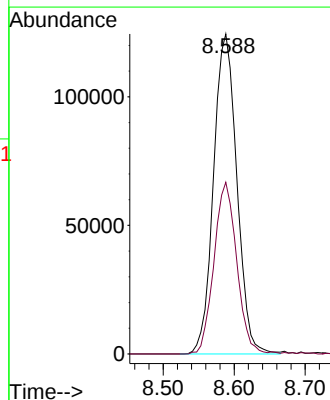
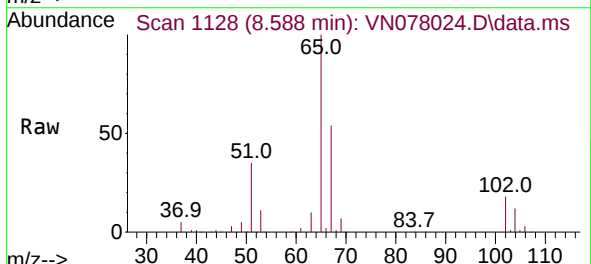
Instrument :
MSVOA_N
ClientSampleId :
PB153165ZHE#01

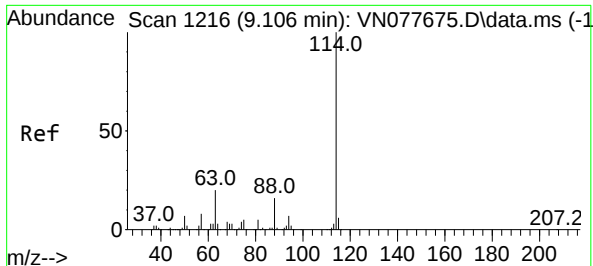
Tgt Ion:	84	Resp:	24296
Ion	Ratio	Lower	Upper
84	100		
49	100.1	79.7	119.5
51	32.0	25.2	37.8
86	41.7	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 46.002 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078024.D
Acq: 02 Jun 2023 12:09

Tgt Ion:	65	Resp:	283274
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.6

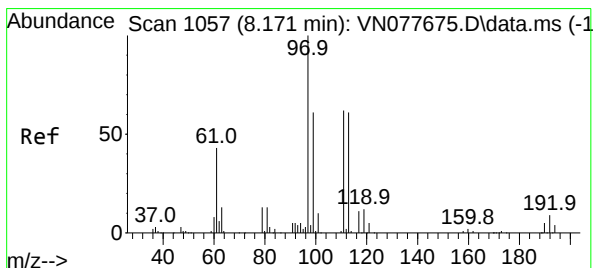
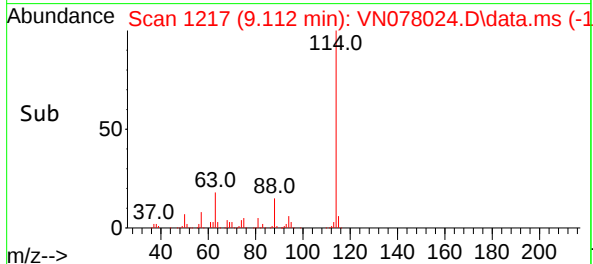
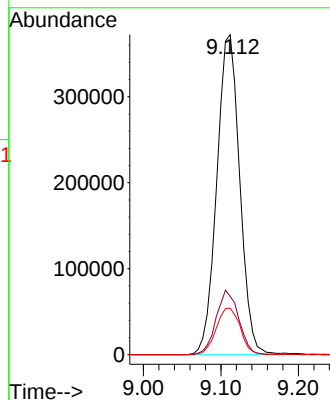
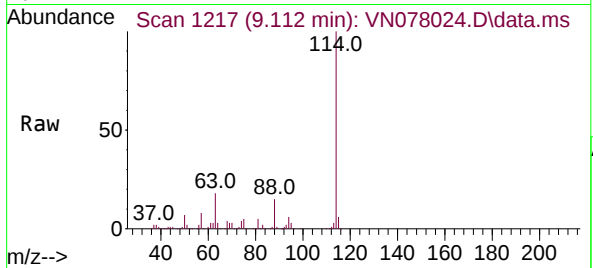




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078024.D
Acq: 02 Jun 2023 12:09

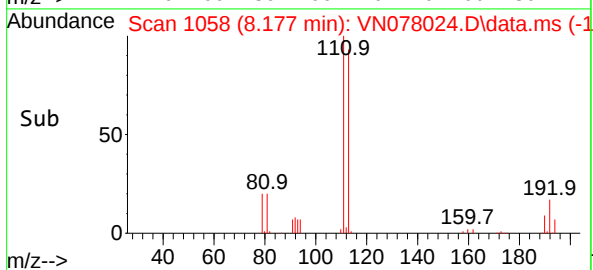
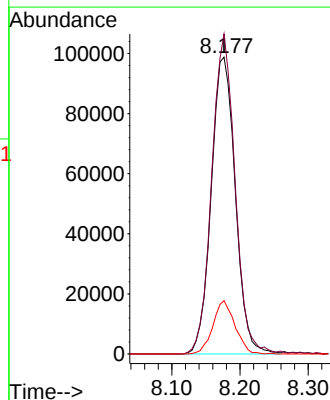
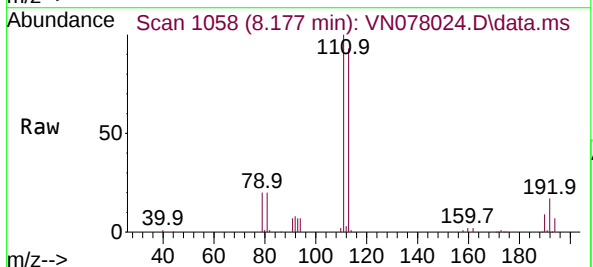
Instrument :
MSVOA_N
ClientSampleId :
PB153165ZHE#01

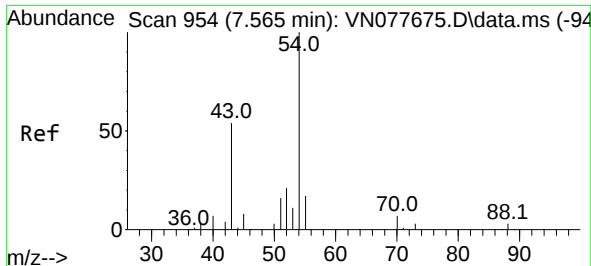
Tgt Ion:114 Resp: 766719
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.640 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078024.D
Acq: 02 Jun 2023 12:09

Tgt Ion:113 Resp: 243187
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 16.4 12.7 19.1

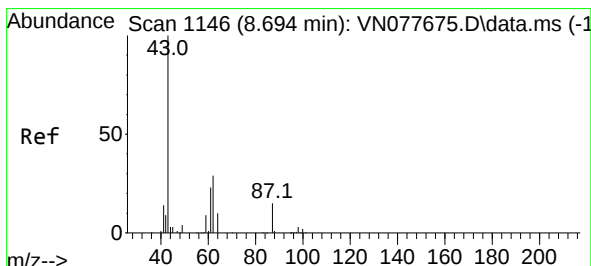
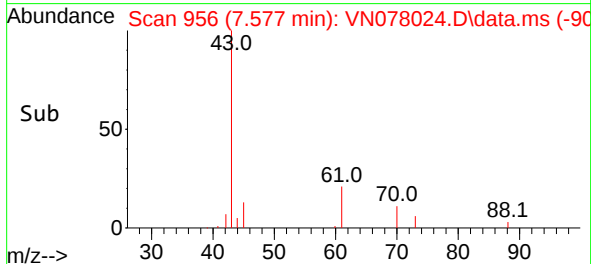
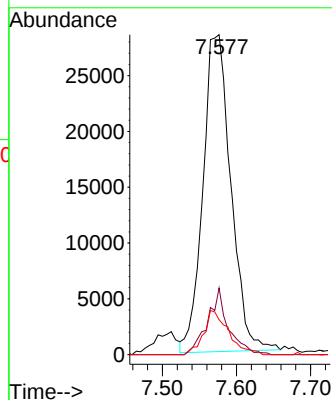
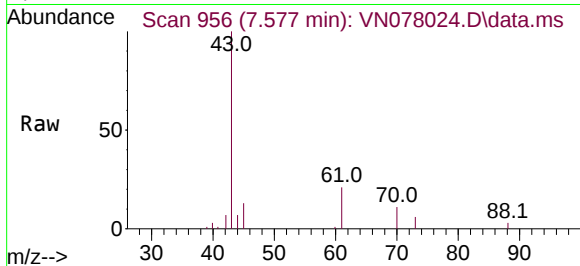




#37
Ethyl Acetate
Concen: 11.429 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN078024.D
Acq: 02 Jun 2023 12:09

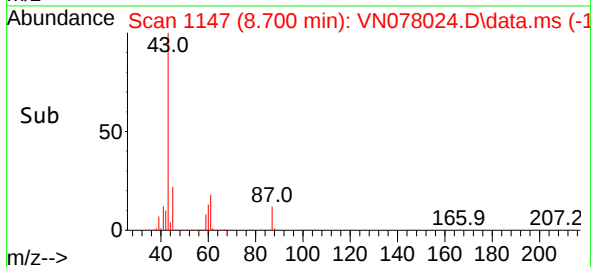
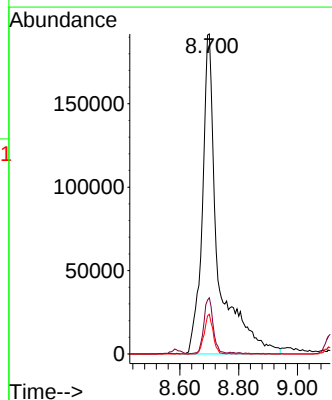
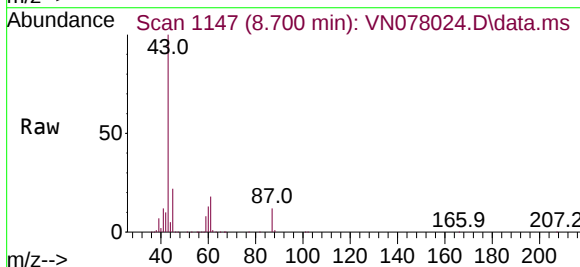
Instrument :
MSVOA_N
ClientSampleId :
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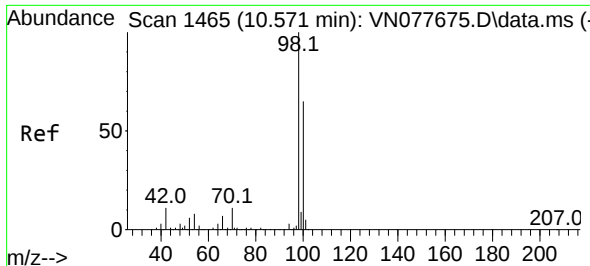
Tgt Ion: 43 Resp: 74493
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 12.3 11.3 16.9



#43
Isopropyl Acetate
Concen: 67.149 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078024.D
Acq: 02 Jun 2023 12:09

Tgt Ion: 43 Resp: 714903
Ion Ratio Lower Upper
43 100
61 10.5 24.7 37.1#
87 7.0 14.6 21.8#

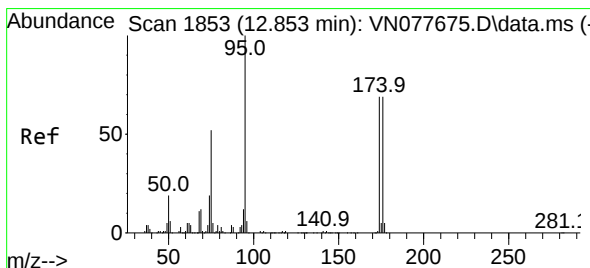
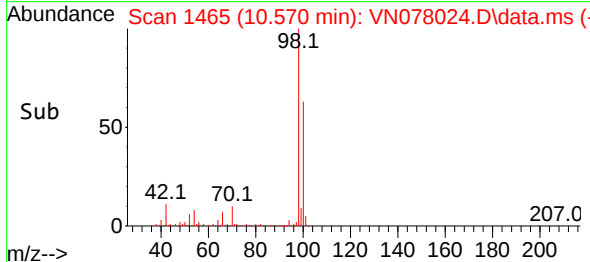
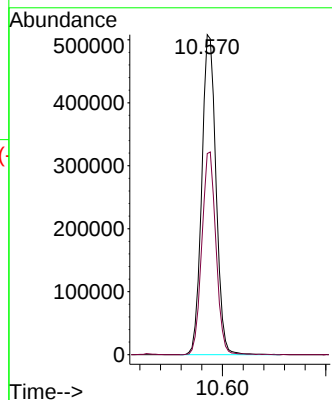
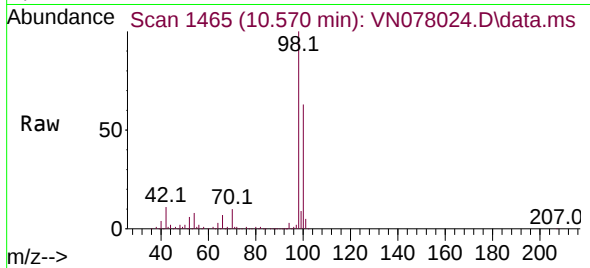




#50
Toluene-d8
Concen: 50.299 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078024.D
Acq: 02 Jun 2023 12:09

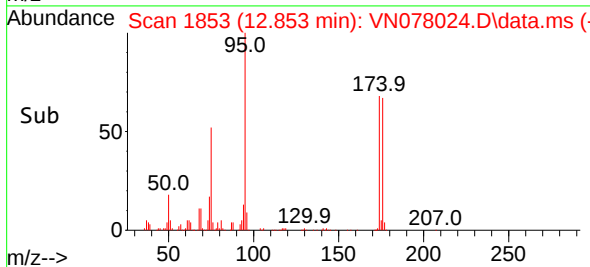
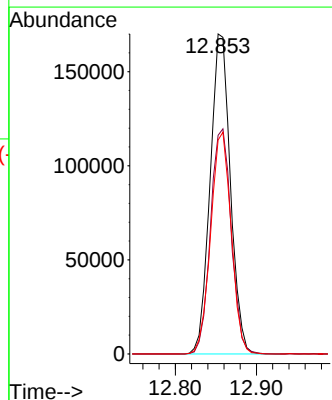
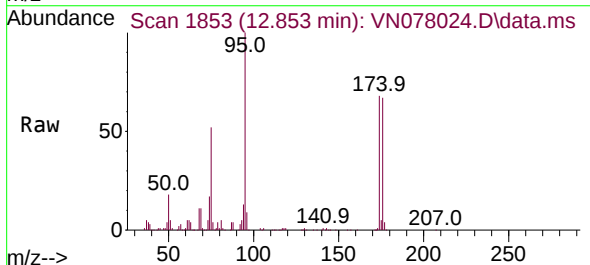
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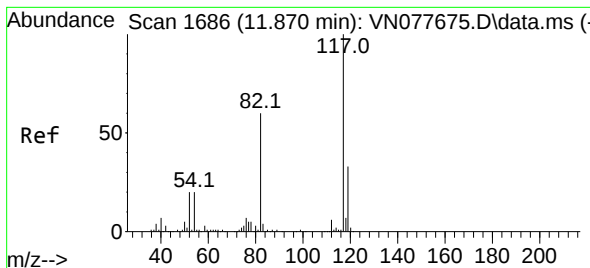
Tgt Ion: 98 Resp: 967971
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.274 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078024.D
Acq: 02 Jun 2023 12:09

Tgt Ion: 95 Resp: 294116
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 70.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078024.D

Acq: 02 Jun 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

PB153165ZHE#01

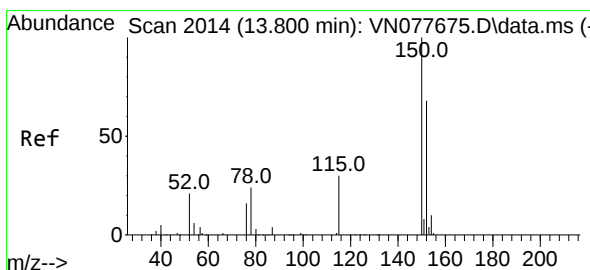
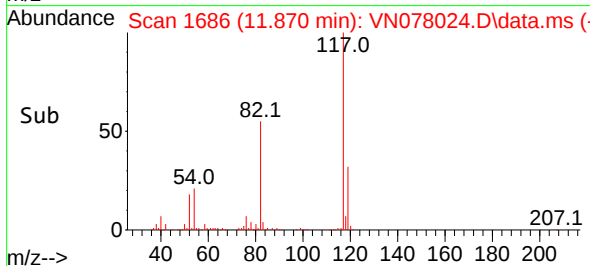
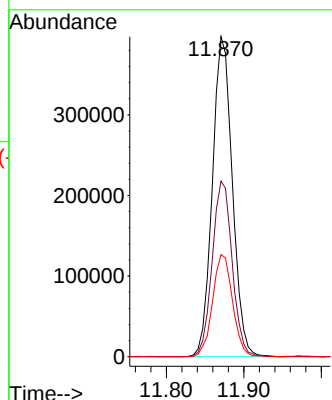
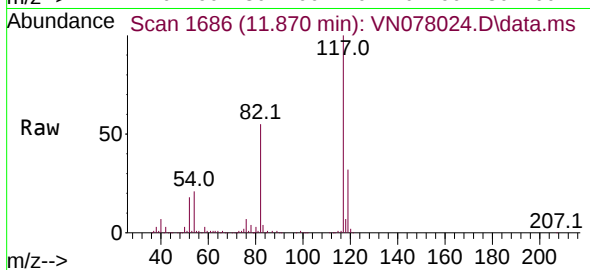
Tgt Ion:117 Resp: 711622

Ion Ratio Lower Upper

117 100

82 54.8 44.0 66.0

119 31.9 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: VN078024.D

Acq: 02 Jun 2023 12:09

Tgt Ion:152 Resp: 228420

Ion Ratio Lower Upper

152 100

115 65.1 32.3 96.8

150 158.5 0.0 355.8

