

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060523\
 Data File : VN078057.D
 Acq On : 05 Jun 2023 20:21
 Operator : JC\MD
 Sample : 03018-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT-4648

Quant Time: Jun 06 02:07:41 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)

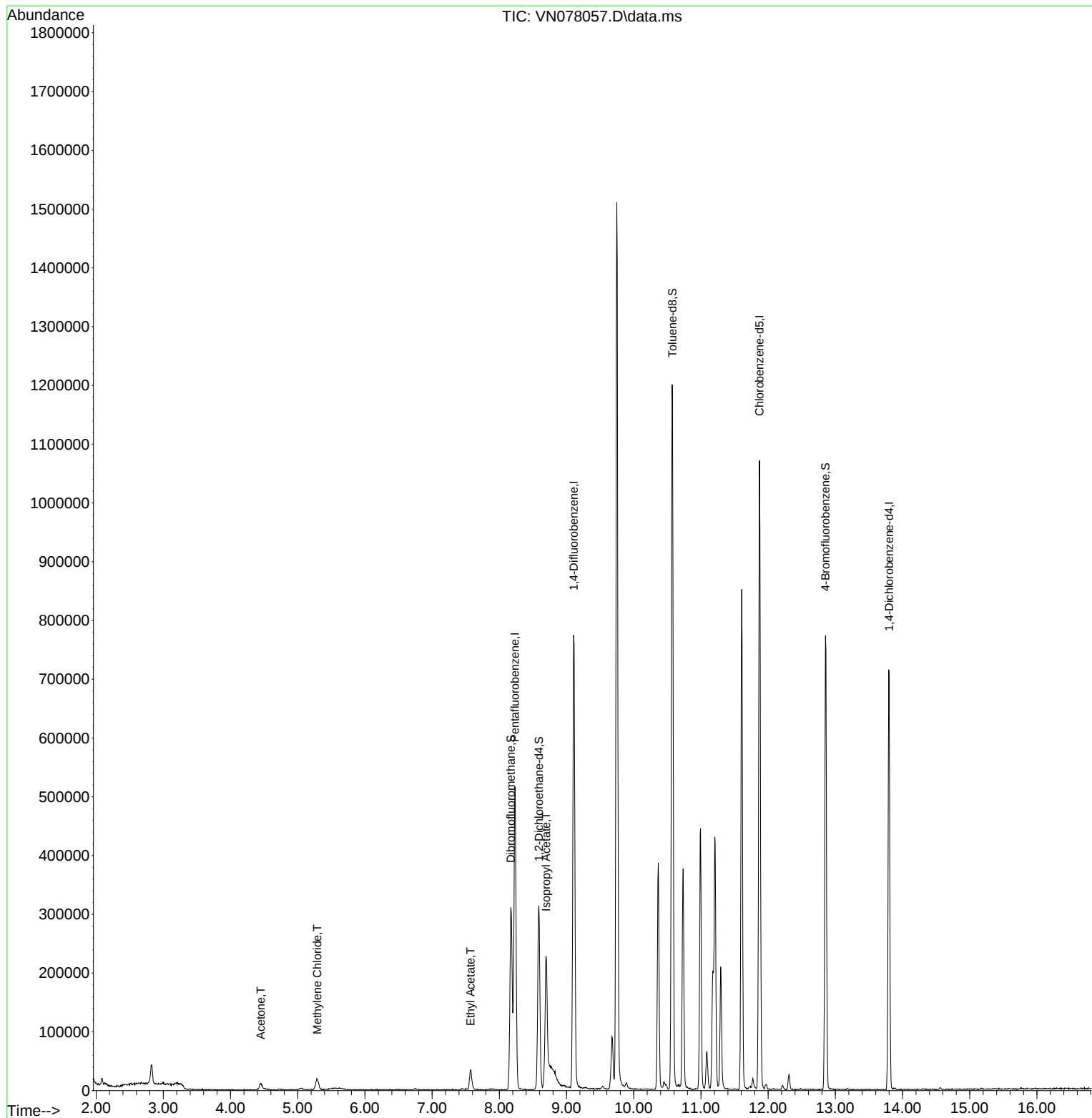
Internal Standards						
1) Pentafluorobenzene	8.230	168	372879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	697770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	635412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	197907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	257305	46.118	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.240%
35) Dibromofluoromethane	8.171	113	227075	49.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.820%
50) Toluene-d8	10.577	98	881837	50.352	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.853	95	276422	44.689	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.380%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	20965	11.944	ug/l	94
20) Methylene Chloride	5.289	84	15501	1.475	ug/l #	82
37) Ethyl Acetate	7.571	43	50287	8.477	ug/l	97
43) Isopropyl Acetate	8.694	43	279382	28.835	ug/l #	79

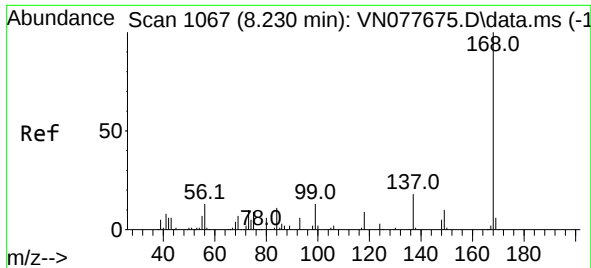
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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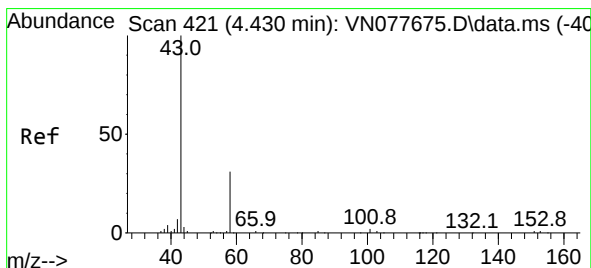
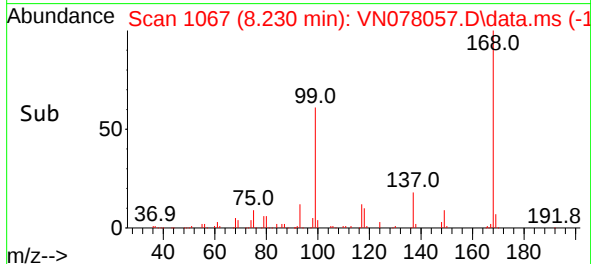
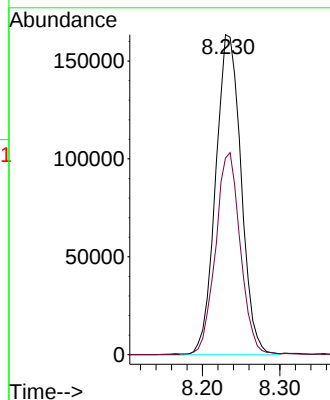
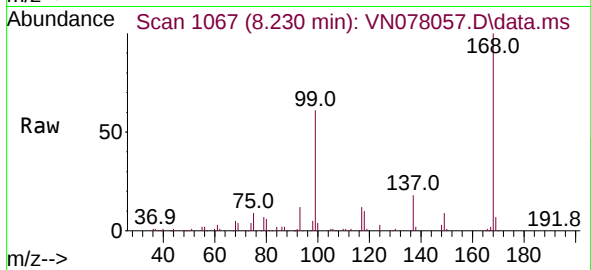




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078057.D
Acq: 05 Jun 2023 20:21

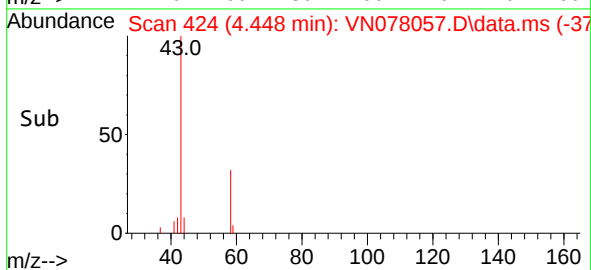
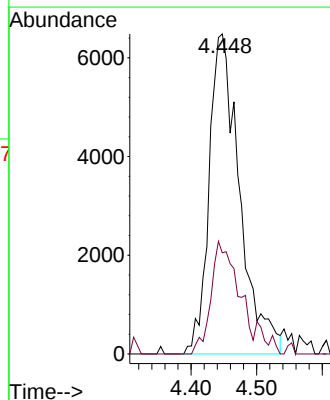
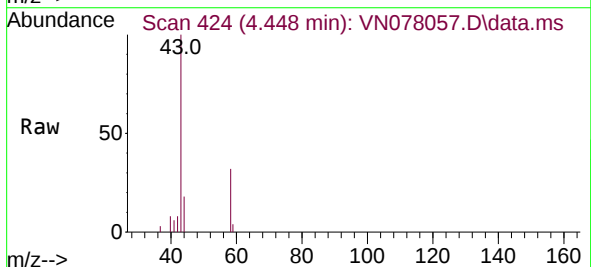
Instrument :
MSVOA_N
ClientSampleId :
RT-4648

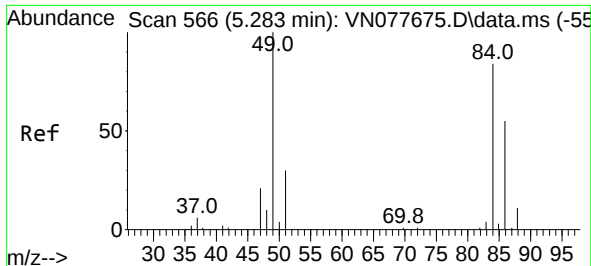
Tgt Ion:168 Resp: 372879
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#16
Acetone
Concen: 11.944 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN078057.D
Acq: 05 Jun 2023 20:21

Tgt Ion: 43 Resp: 20965
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0

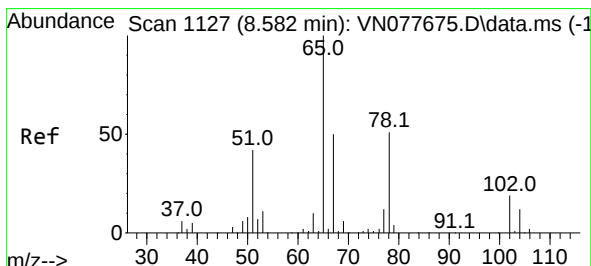
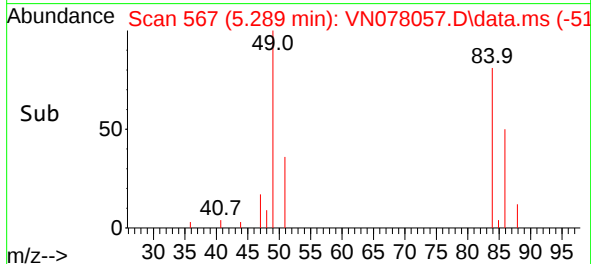
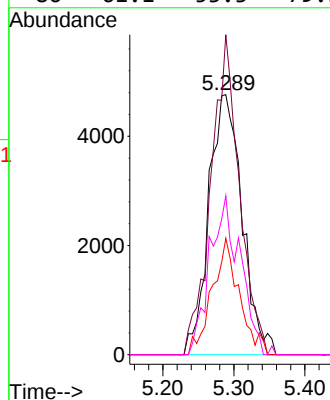
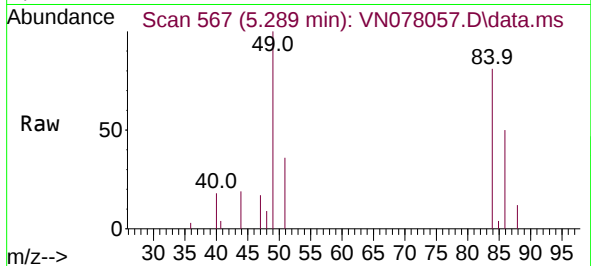




#20
Methylene Chloride
Concen: 1.475 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078057.D
Acq: 05 Jun 2023 20:21

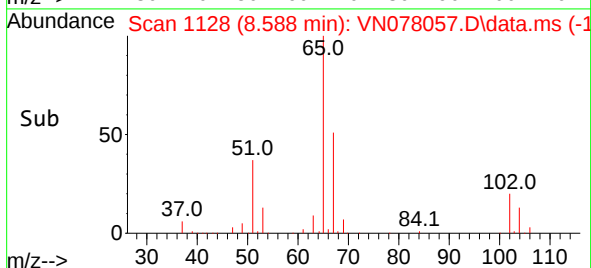
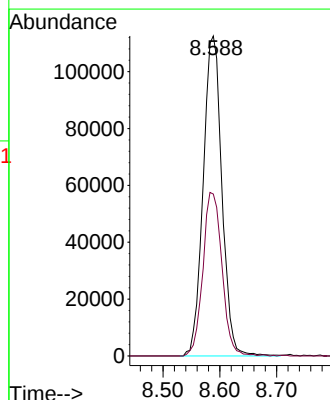
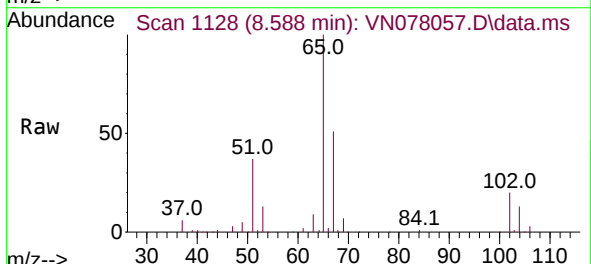
Instrument :
MSVOA_N
ClientSampleId :
RT-4648

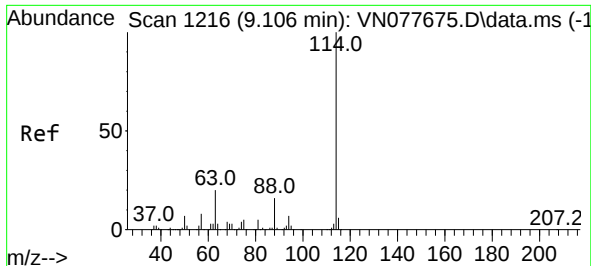
Tgt Ion: 84	Resp: 15501
Ion Ratio	Lower Upper
84 100	
49 123.1	79.7 119.5#
51 44.7	25.2 37.8#
86 61.1	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 46.118 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078057.D
Acq: 05 Jun 2023 20:21

Tgt Ion: 65	Resp: 257305
Ion Ratio	Lower Upper
65 100	
67 52.0	0.0 106.6

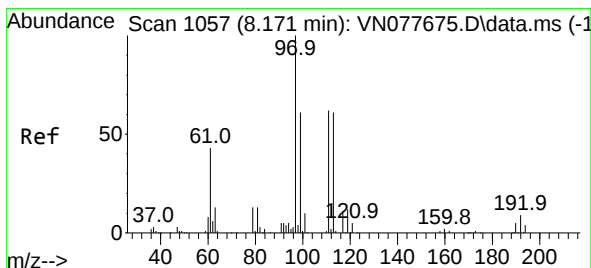
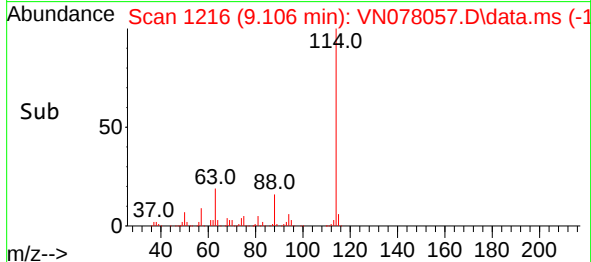
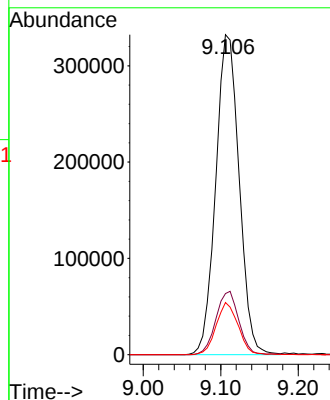
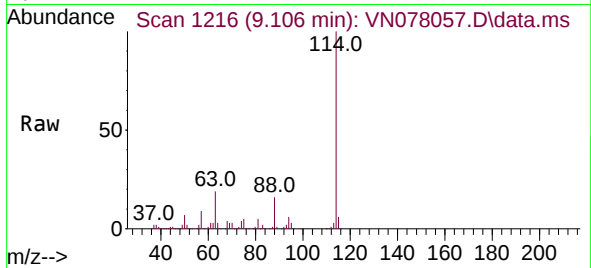




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN078057.D
Acq: 05 Jun 2023 20:21

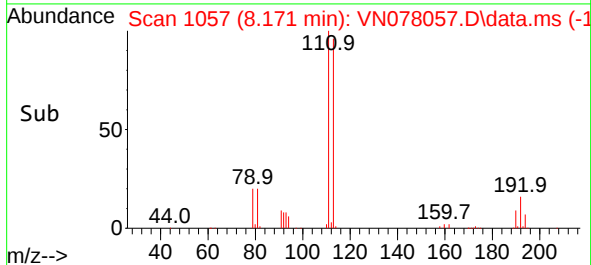
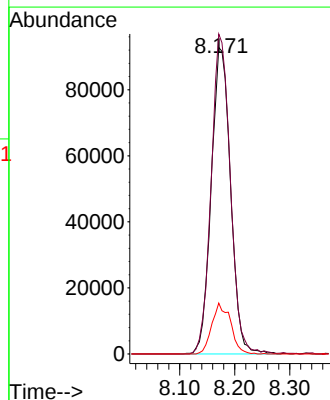
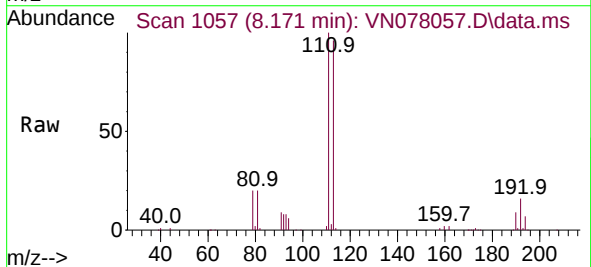
Instrument :
MSVOA_N
ClientSampleId :
RT-4648

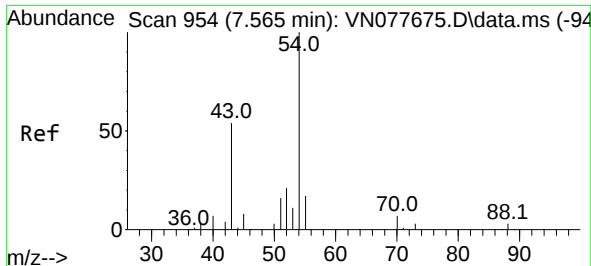
Tgt Ion:114 Resp: 697770
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.4
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.906 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078057.D
Acq: 05 Jun 2023 20:21

Tgt Ion:113 Resp: 227075
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 16.1 12.7 19.1

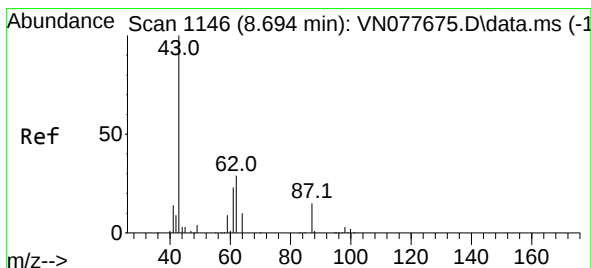
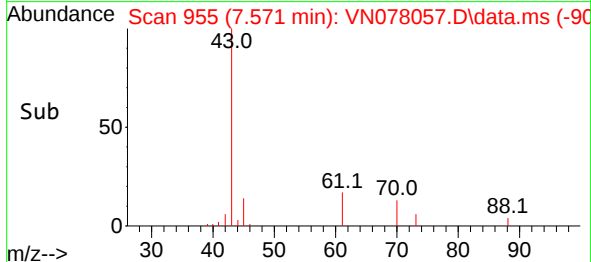
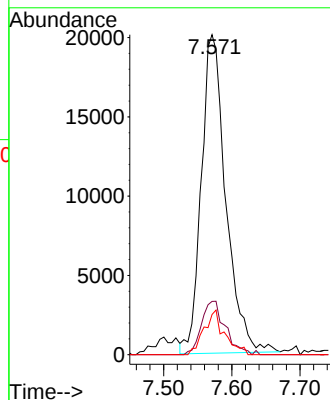
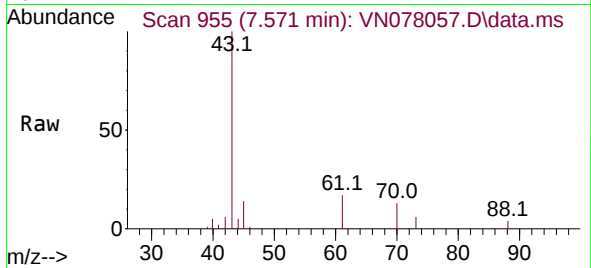




#37
Ethyl Acetate
Concen: 8.477 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078057.D
Acq: 05 Jun 2023 20:21

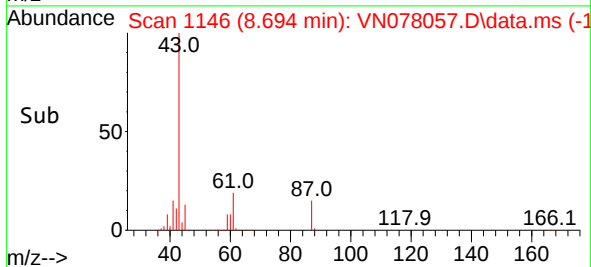
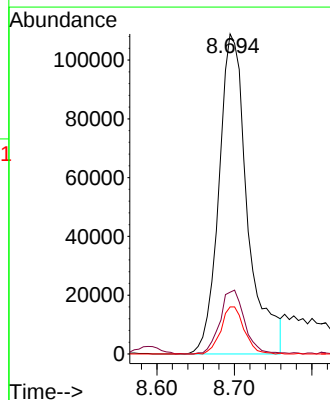
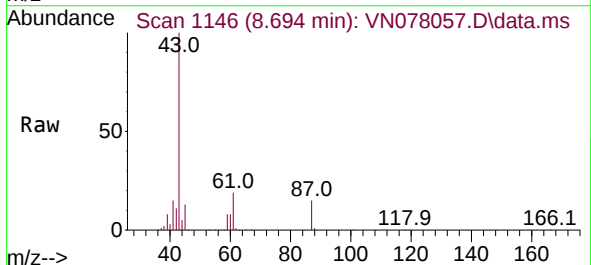
Instrument :
MSVOA_N
ClientSampleId :
RT-4648

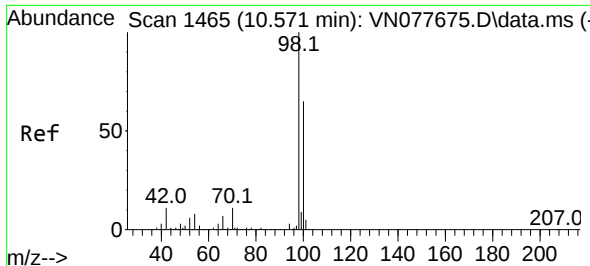
Tgt Ion: 43 Resp: 50287
Ion Ratio Lower Upper
43 100
61 16.4 13.2 19.8
70 11.7 11.3 16.9



#43
Isopropyl Acetate
Concen: 28.835 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078057.D
Acq: 05 Jun 2023 20:21

Tgt Ion: 43 Resp: 279382
Ion Ratio Lower Upper
43 100
61 17.2 24.7 37.1#
87 12.0 14.6 21.8#

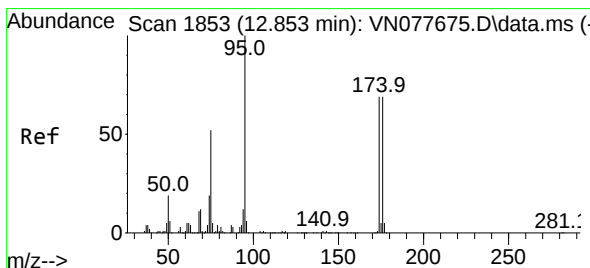
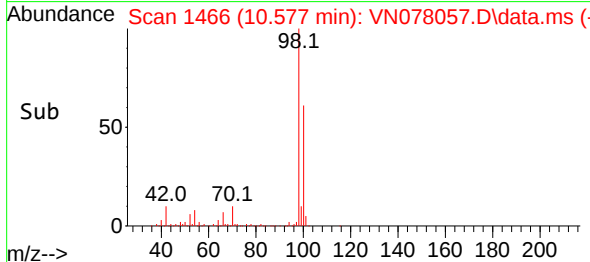
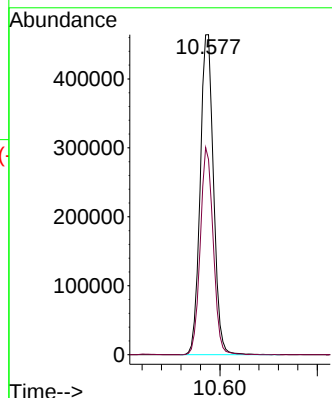
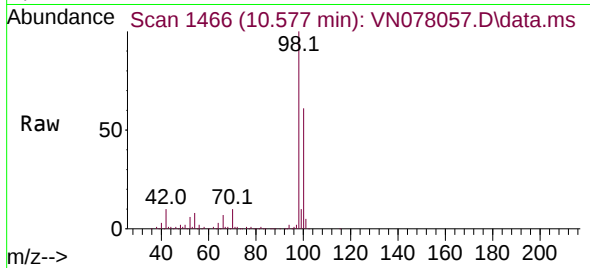




#50
Toluene-d8
Concen: 50.352 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078057.D
Acq: 05 Jun 2023 20:21

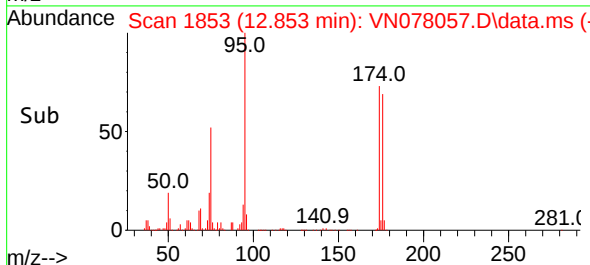
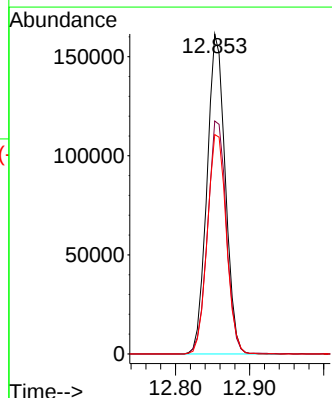
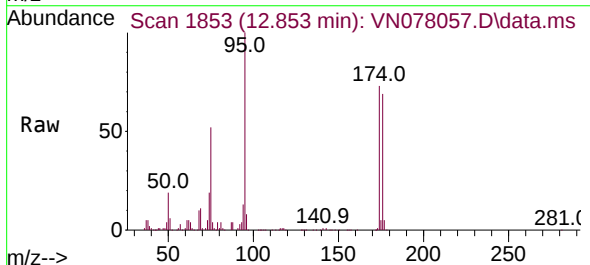
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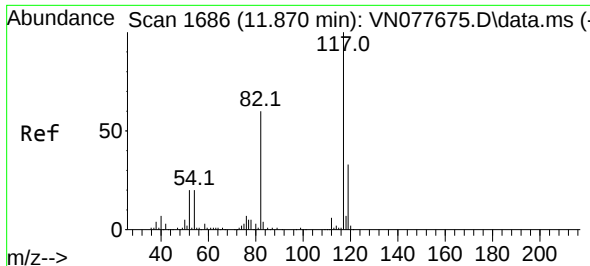
Tgt Ion: 98 Resp: 881837
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.689 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078057.D
Acq: 05 Jun 2023 20:21

Tgt Ion: 95 Resp: 276422
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 71.3 0.0 135.8

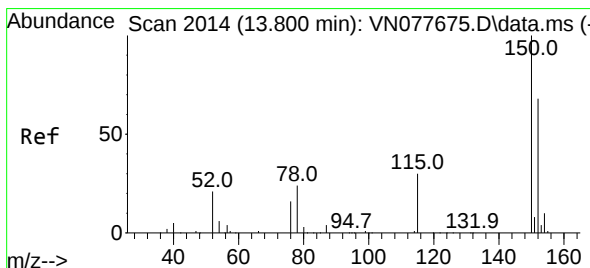
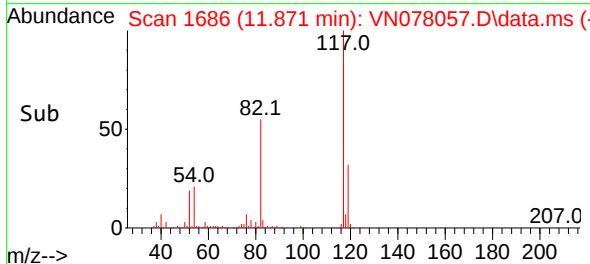
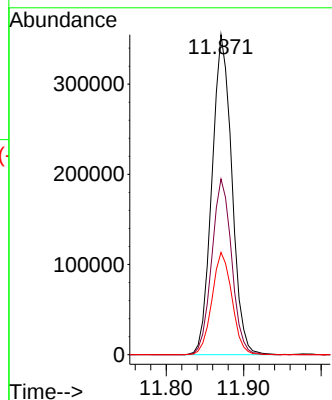
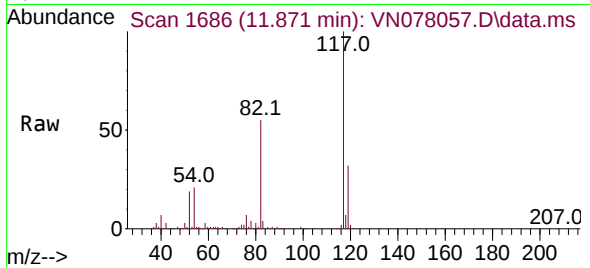




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN078057.D
Acq: 05 Jun 2023 20:21

Instrument :
MSVOA_N
ClientSampleId :
RT-4648

Tgt Ion:117 Resp: 635412
Ion Ratio Lower Upper
117 100
82 54.9 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: VN078057.D
Acq: 05 Jun 2023 20:21

Tgt Ion:152 Resp: 197907
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 156.1 0.0 355.8

