

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060523\
 Data File : VN078055.D
 Acq On : 05 Jun 2023 19:33
 Operator : JC\MD
 Sample : 03018-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11991

Quant Time: Jun 06 02:06:52 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)

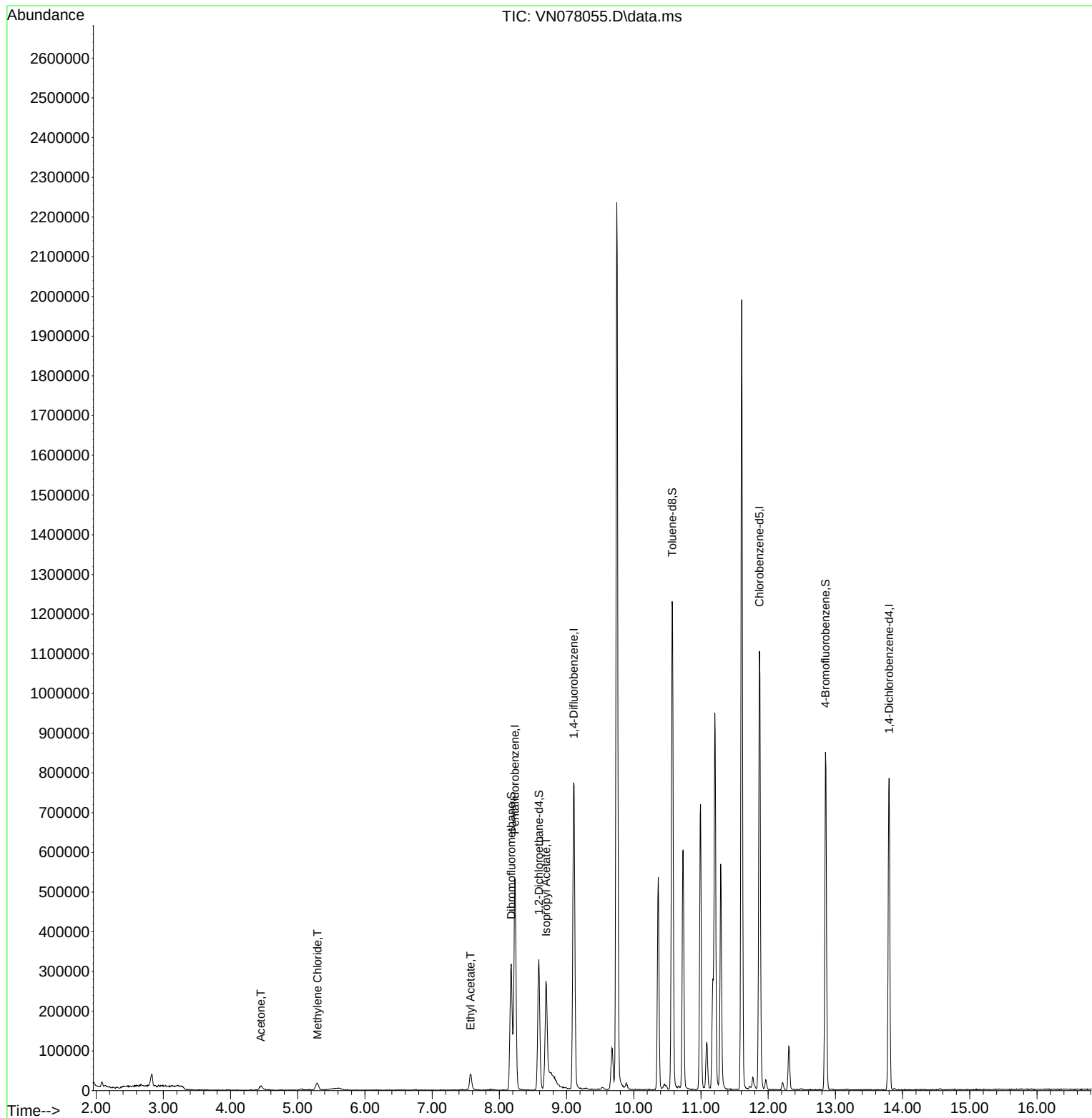
Internal Standards						
1) Pentafluorobenzene	8.230	168	383340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	709444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	669723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	215735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	263932	46.015	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.040%
35) Dibromofluoromethane	8.177	113	232047	50.159	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.320%
50) Toluene-d8	10.571	98	906279	50.896	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.800%
62) 4-Bromofluorobenzene	12.853	95	301739	47.979	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.960%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	20906	11.585	ug/l #	82
20) Methylene Chloride	5.294	84	14003	1.047	ug/l	97
37) Ethyl Acetate	7.571	43	64025	10.616	ug/l #	93
43) Isopropyl Acetate	8.694	43	321400	32.626	ug/l #	79

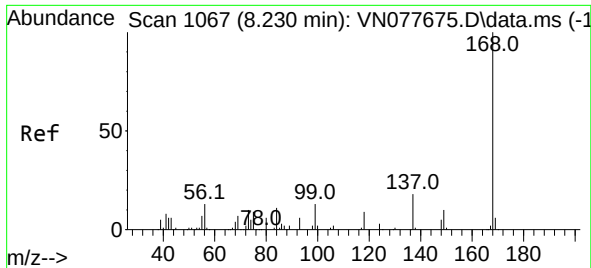
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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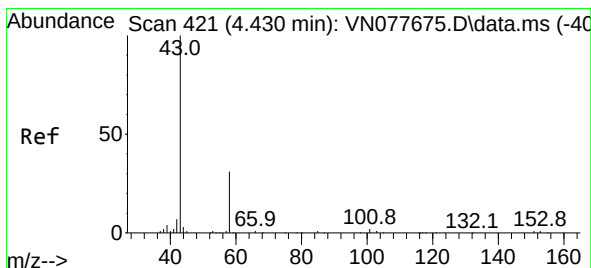
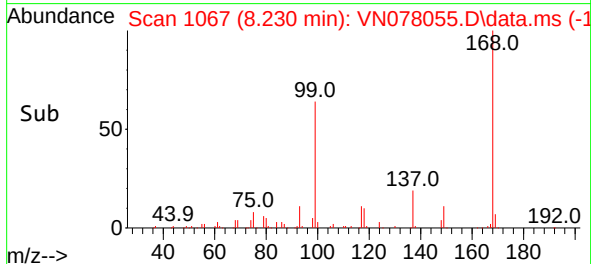
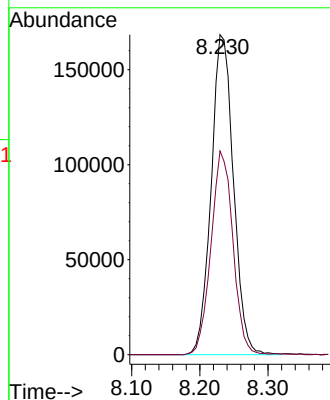
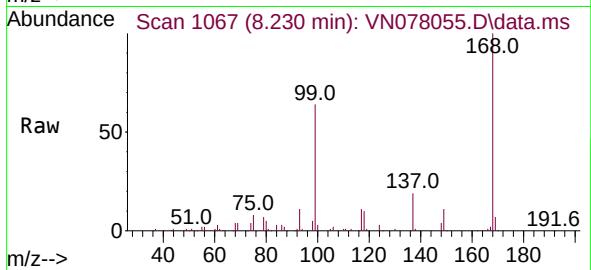




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078055.D
Acq: 05 Jun 2023 19:33

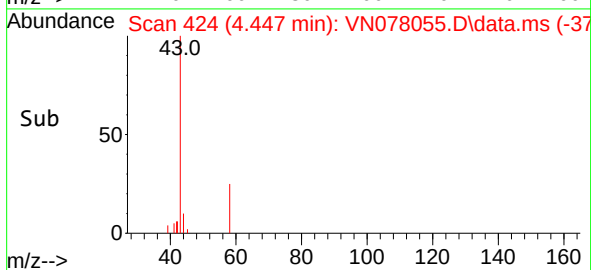
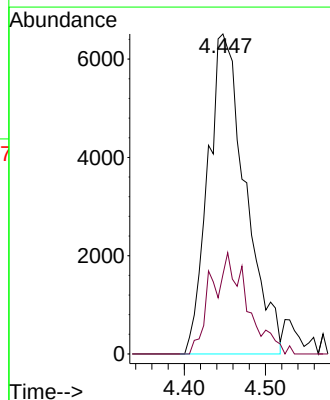
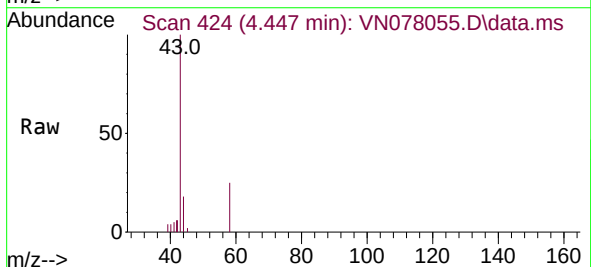
Instrument :
MSVOA_N
ClientSampleId :
72-11991

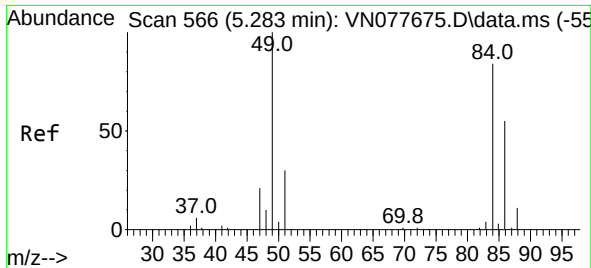
Tgt Ion:168 Resp: 383340
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6



#16
Acetone
Concen: 11.585 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN078055.D
Acq: 05 Jun 2023 19:33

Tgt Ion: 43 Resp: 20906
Ion Ratio Lower Upper
43 100
58 24.8 28.0 42.0#

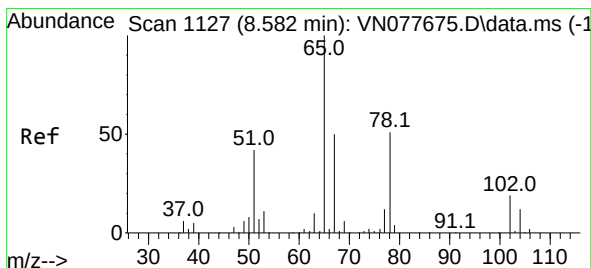
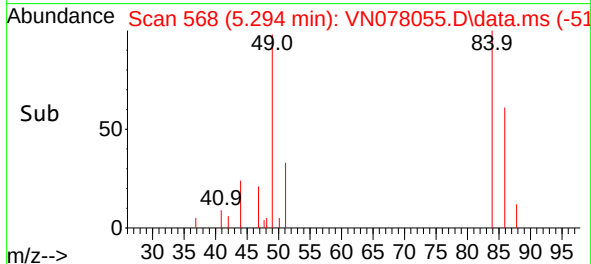
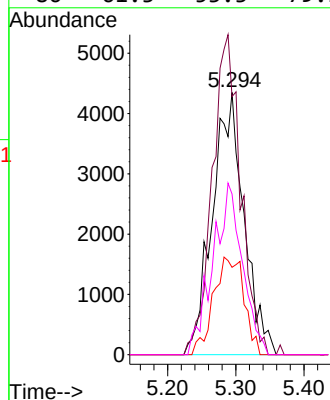
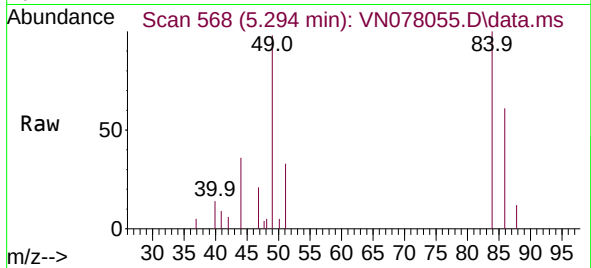




#20
Methylene Chloride
Concen: 1.047 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078055.D
Acq: 05 Jun 2023 19:33

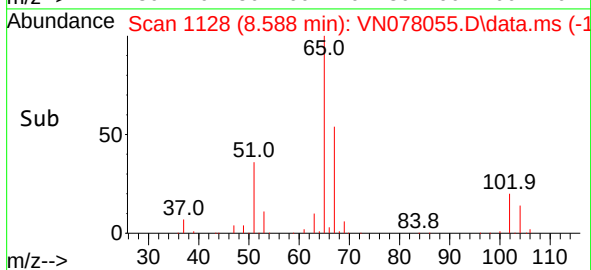
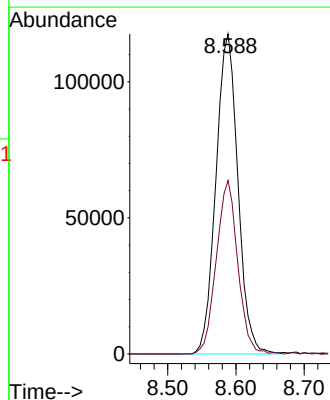
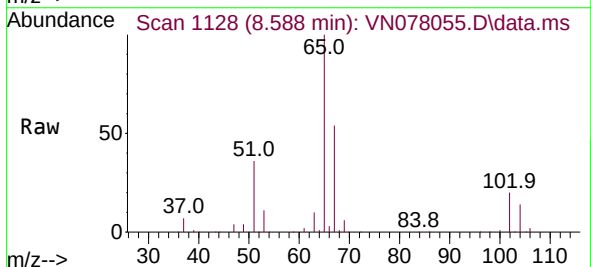
Instrument :
MSVOA_N
ClientSampleId :
72-11991

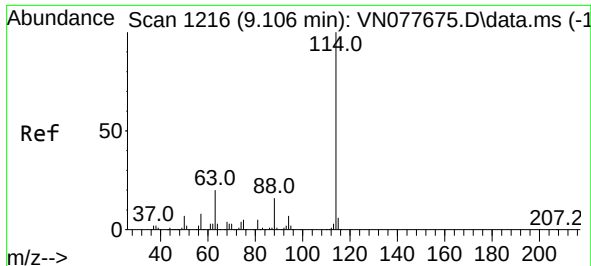
Tgt Ion: 84	Resp: 14003
Ion Ratio	Lower Upper
84 100	
49 98.4	79.7 119.5
51 33.3	25.2 37.8
86 61.3	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 46.015 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078055.D
Acq: 05 Jun 2023 19:33

Tgt Ion: 65	Resp: 263932
Ion Ratio	Lower Upper
65 100	
67 52.8	0.0 106.6

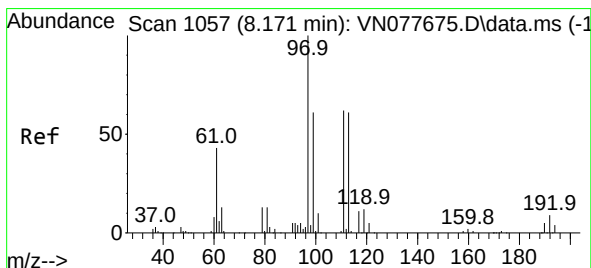
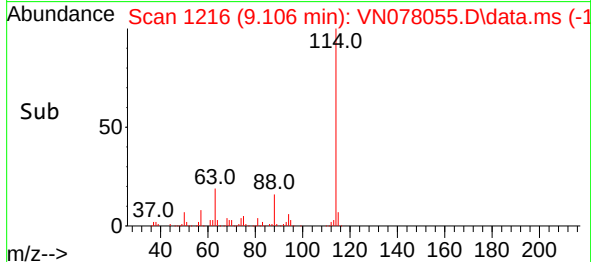
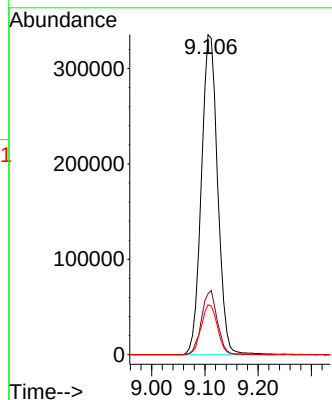
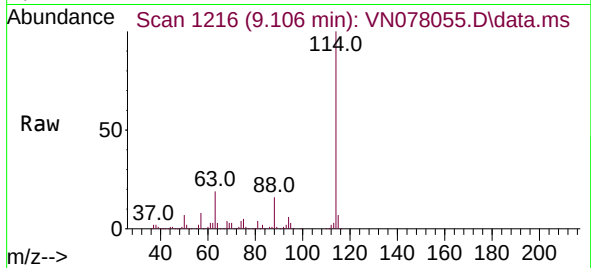




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078055.D
Acq: 05 Jun 2023 19:33

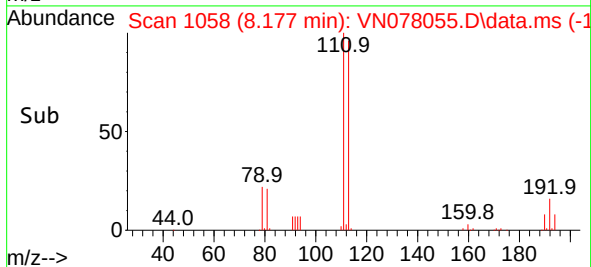
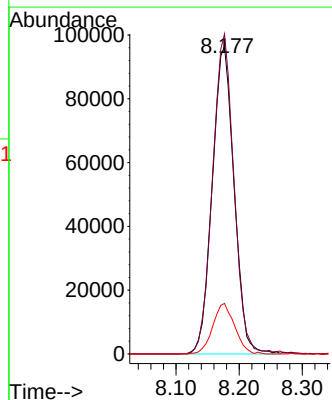
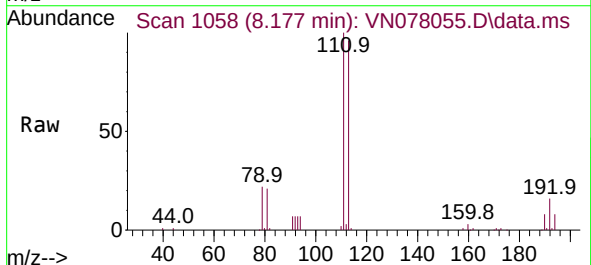
Instrument :
MSVOA_N
ClientSampleId :
72-11991

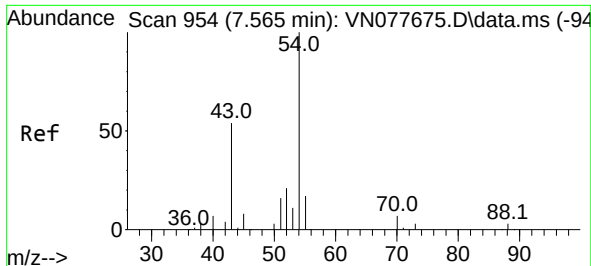
Tgt Ion:114 Resp: 709444
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.159 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078055.D
Acq: 05 Jun 2023 19:33

Tgt Ion:113 Resp: 232047
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 16.5 12.7 19.1

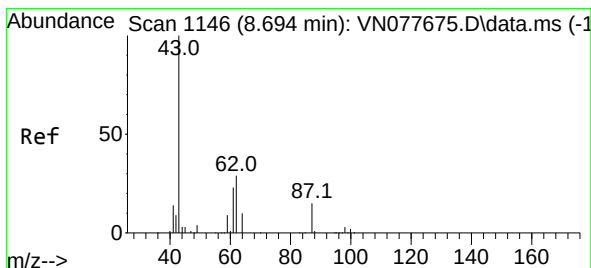
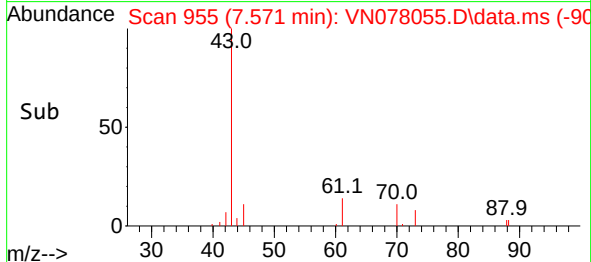
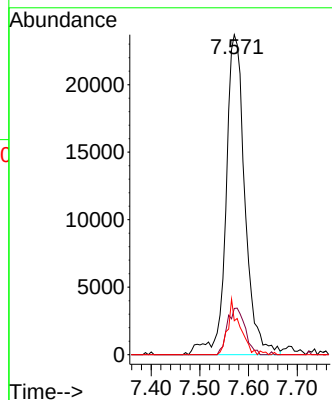
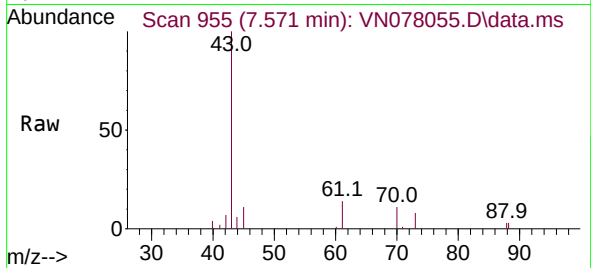




#37
Ethyl Acetate
Concen: 10.616 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078055.D
Acq: 05 Jun 2023 19:33

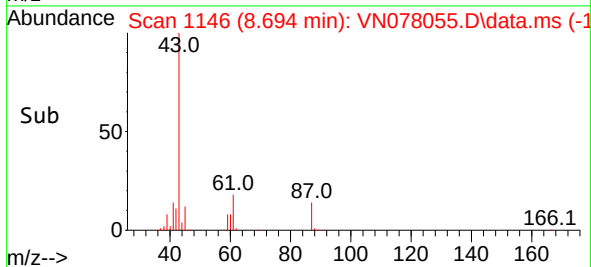
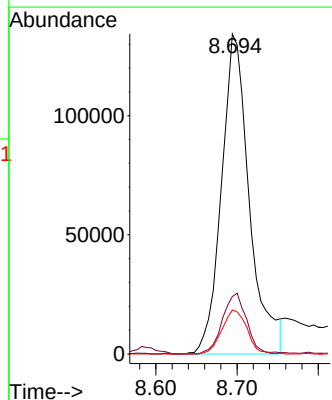
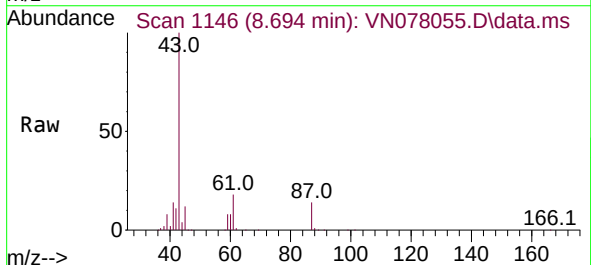
Instrument :
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ClientSampleId :
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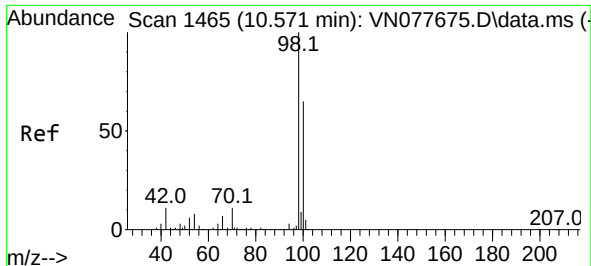
Tgt Ion: 43 Resp: 64025
Ion Ratio Lower Upper
43 100
61 13.7 13.2 19.8
70 10.9 11.3 16.9#



#43
Isopropyl Acetate
Concen: 32.626 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078055.D
Acq: 05 Jun 2023 19:33

Tgt Ion: 43 Resp: 321400
Ion Ratio Lower Upper
43 100
61 16.7 24.7 37.1#
87 12.3 14.6 21.8#

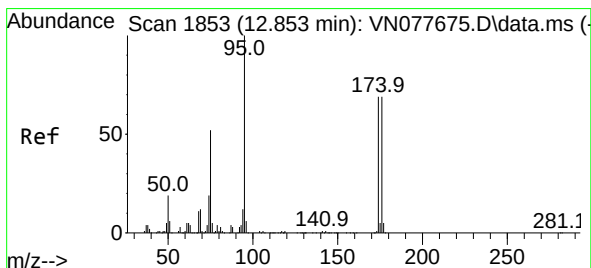
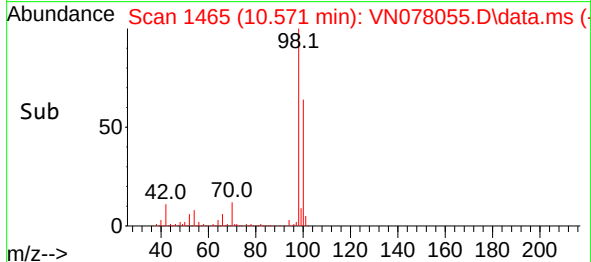
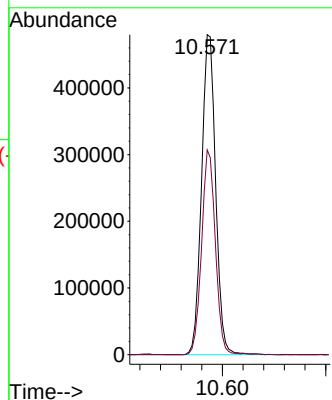
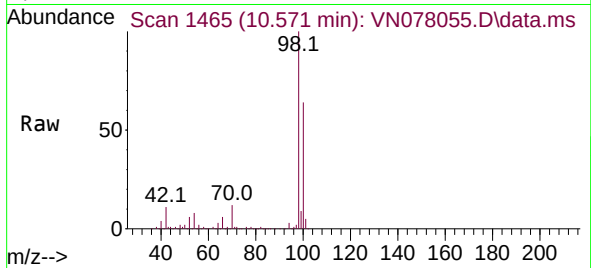




#50
Toluene-d8
Concen: 50.896 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078055.D
Acq: 05 Jun 2023 19:33

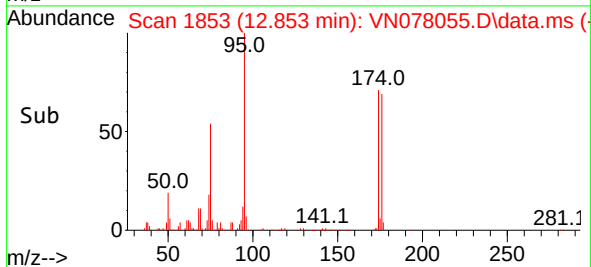
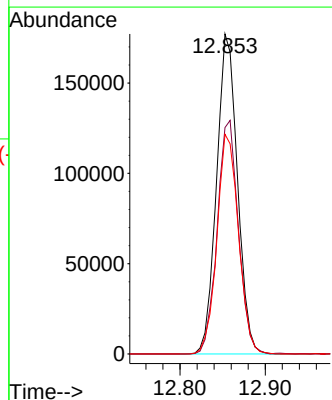
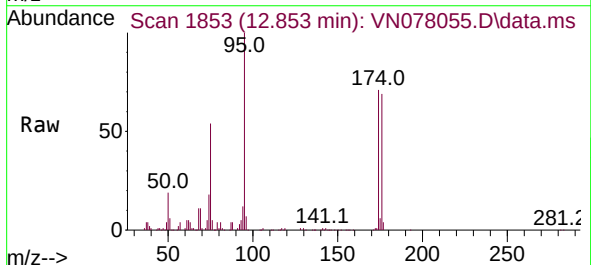
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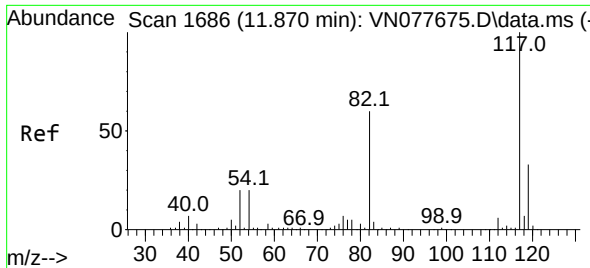
Tgt Ion: 98 Resp: 906279
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.979 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078055.D
Acq: 05 Jun 2023 19:33

Tgt Ion: 95 Resp: 301739
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 70.8 0.0 135.8

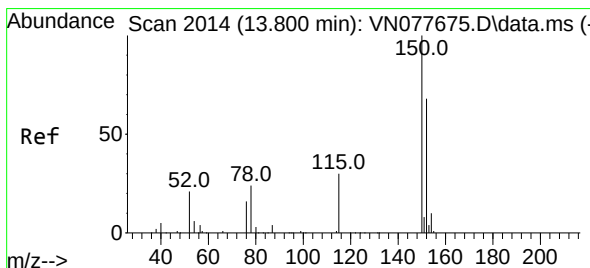
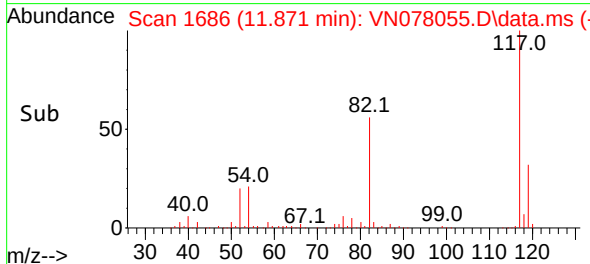
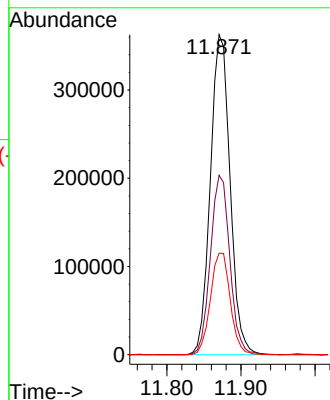
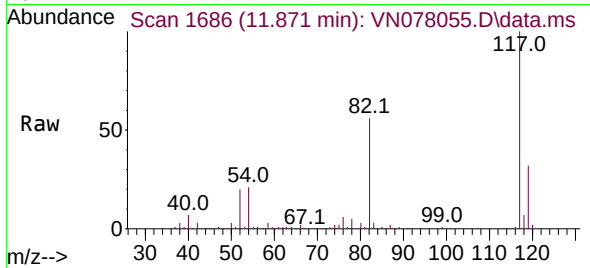




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN078055.D
Acq: 05 Jun 2023 19:33

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 669723
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 31.7 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: VN078055.D
Acq: 05 Jun 2023 19:33

Tgt Ion:152 Resp: 215735
Ion Ratio Lower Upper
152 100
115 61.5 32.3 96.8
150 159.3 0.0 355.8

