

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078294.D
 Acq On : 19 Jun 2023 21:27
 Operator : JC\MD
 Sample : 03321-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-25

Quant Time: Jun 20 01:36:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

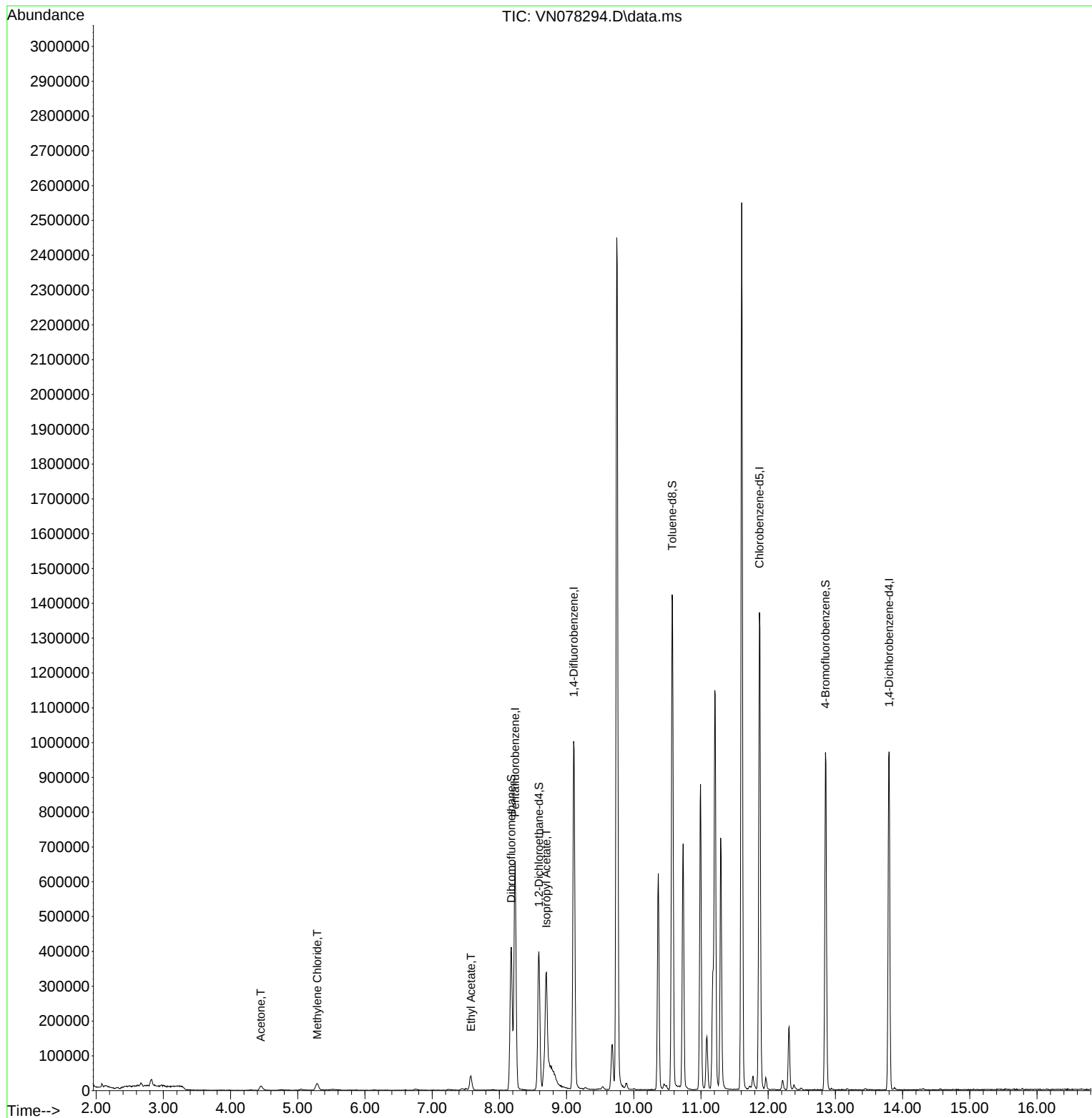
Internal Standards						
1) Pentafluorobenzene	8.235	168	469396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	883133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	820196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	272615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	330746	52.848	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.700%	
35) Dibromofluoromethane	8.177	113	294235	52.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.380%	
50) Toluene-d8	10.571	98	1041569	48.385	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.780%	
62) 4-Bromofluorobenzene	12.853	95	346108	51.719	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.440%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	24333	13.508	ug/l	91
20) Methylene Chloride	5.289	84	16618	2.792	ug/l #	87
37) Ethyl Acetate	7.577	43	59978	9.586	ug/l	97
43) Isopropyl Acetate	8.700	43	564773	47.197	ug/l #	68

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

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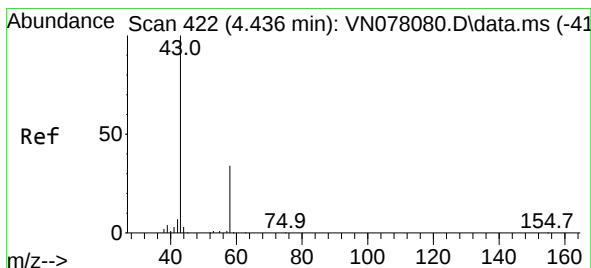
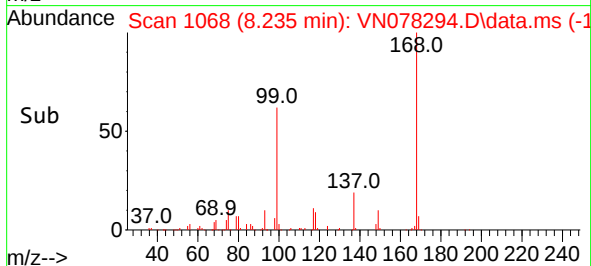
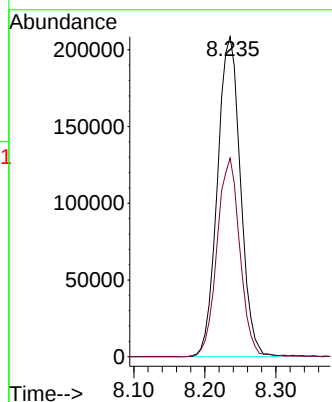
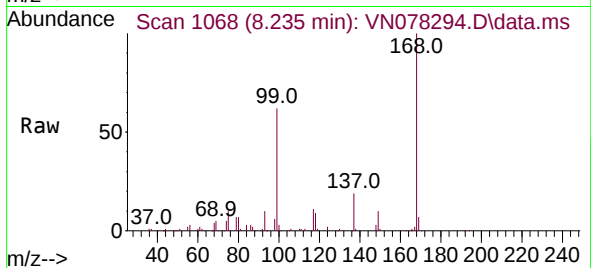




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078294.D
Acq: 19 Jun 2023 21:27

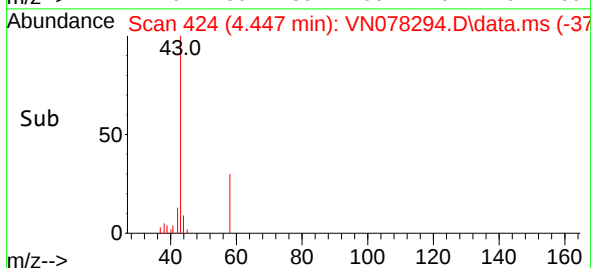
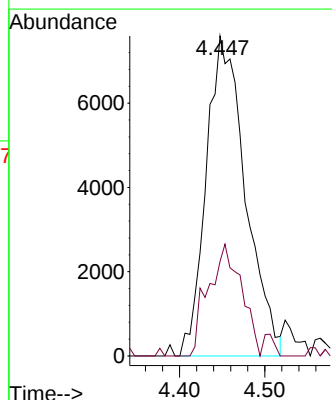
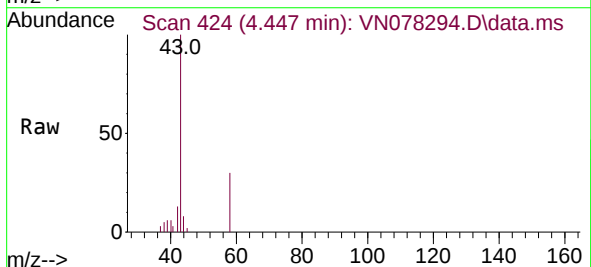
Instrument :
MSVOA_N
ClientSampleId :
WC-25

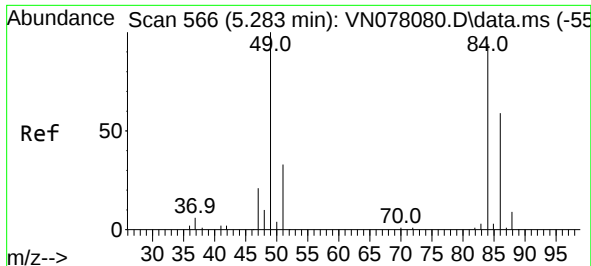
Tgt Ion:168 Resp: 469396
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#16
Acetone
Concen: 13.508 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078294.D
Acq: 19 Jun 2023 21:27

Tgt Ion: 43 Resp: 24333
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0

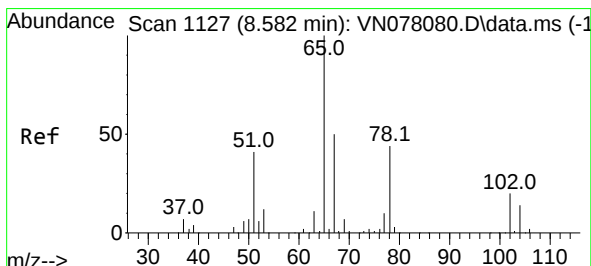
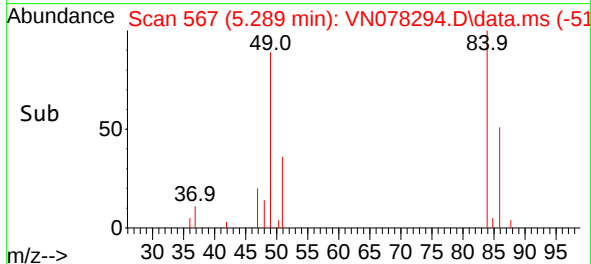
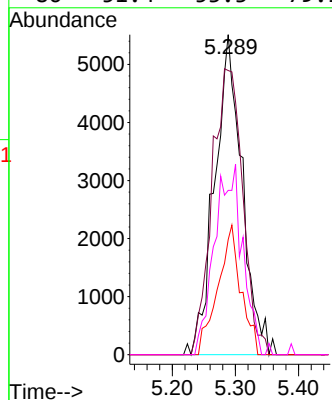
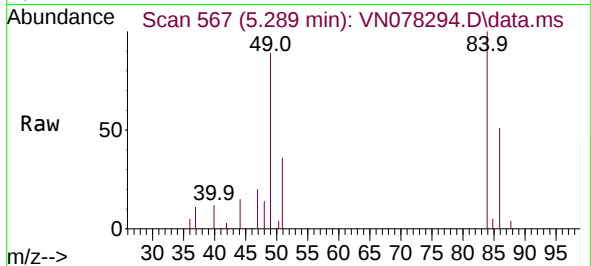




#20
Methylene Chloride
Concen: 2.792 ug/l
RT: 5.289 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN078294.D
Acq: 19 Jun 2023 21:27

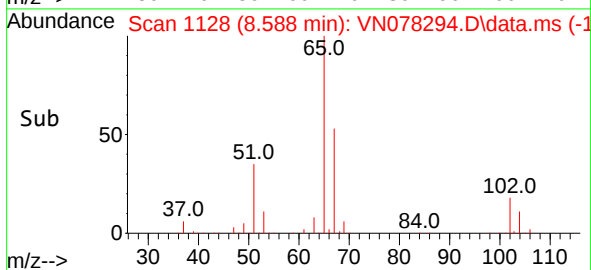
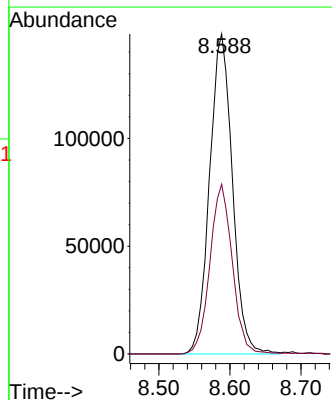
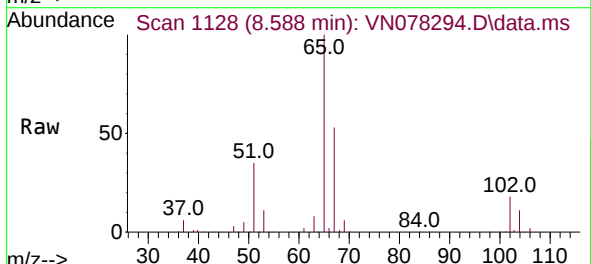
Instrument :
MSVOA_N
ClientSampleId :
WC-25

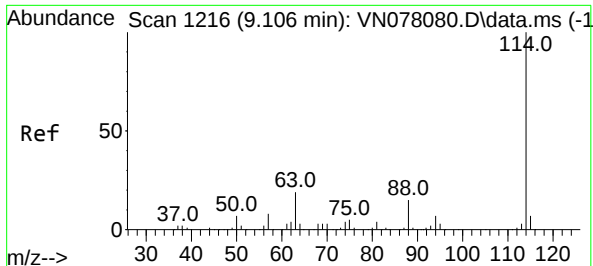
Tgt Ion: 84	Resp: 16618
Ion Ratio	Lower Upper
84 100	
49 88.8	79.7 119.5
51 36.0	25.2 37.8
86 51.4	53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 52.848 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078294.D
Acq: 19 Jun 2023 21:27

Tgt Ion: 65	Resp: 330746
Ion Ratio	Lower Upper
65 100	
67 52.1	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078294.D

Acq: 19 Jun 2023 21:27

Instrument :

MSVOA_N

ClientSampleId :

WC-25

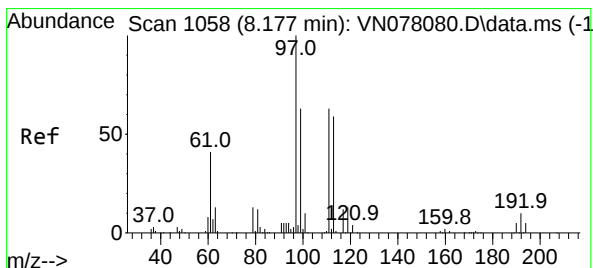
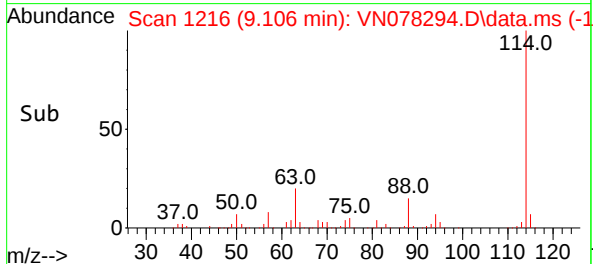
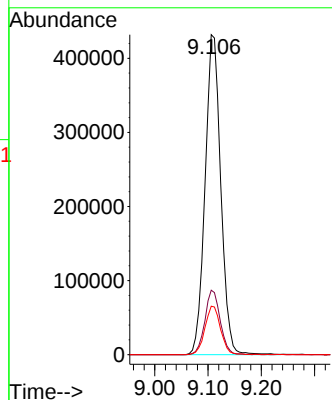
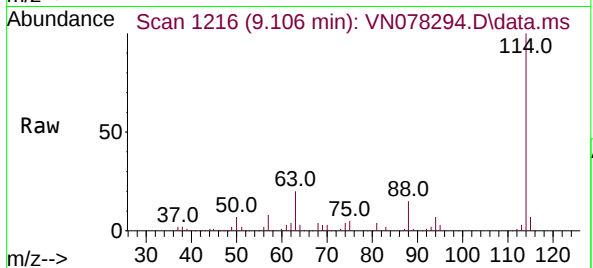
Tgt Ion:114 Resp: 883133

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.693 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078294.D

Acq: 19 Jun 2023 21:27

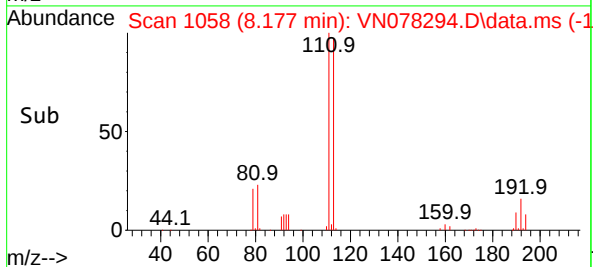
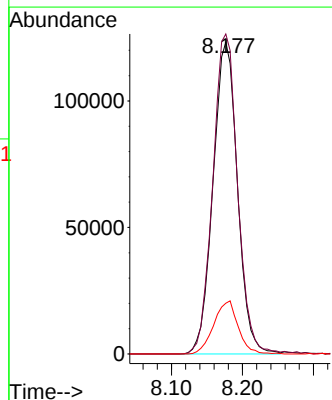
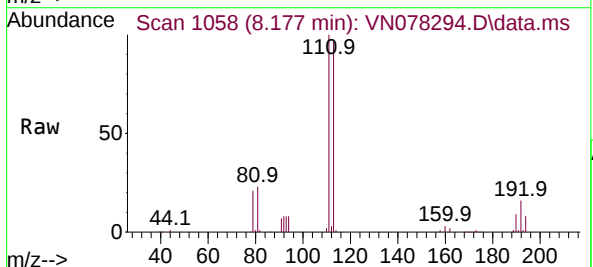
Tgt Ion:113 Resp: 294235

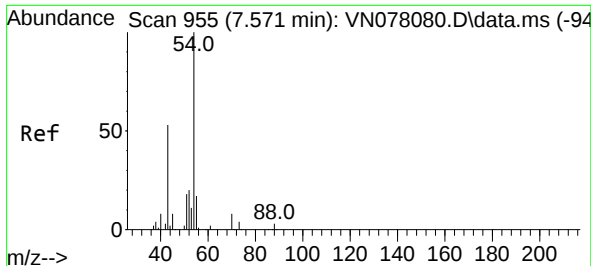
Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

192 17.0 12.7 19.1

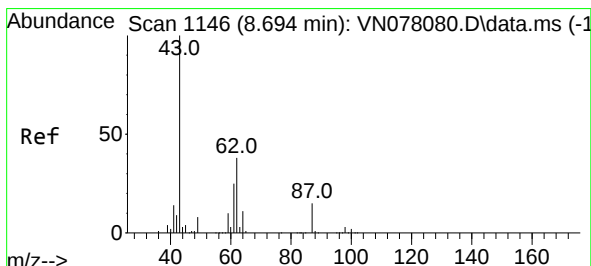
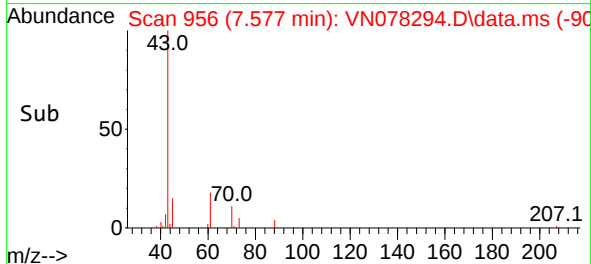
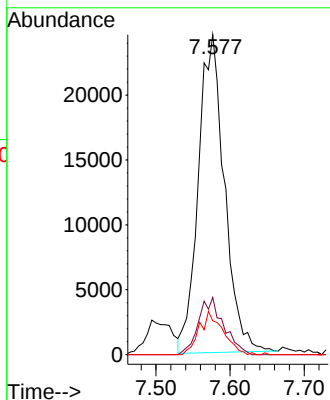
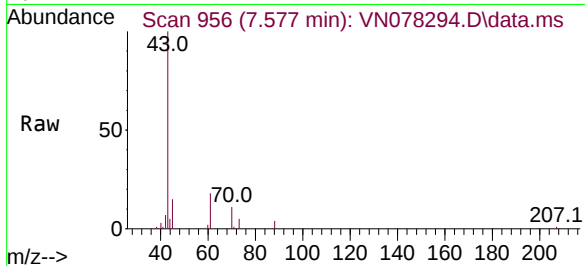




#37
Ethyl Acetate
Concen: 9.586 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078294.D
Acq: 19 Jun 2023 21:27

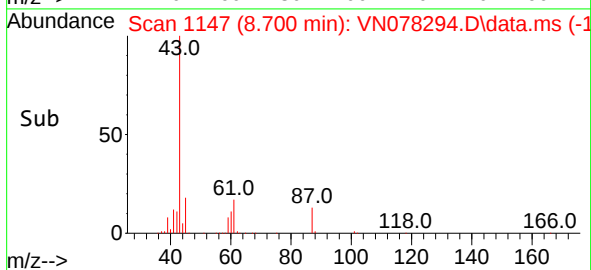
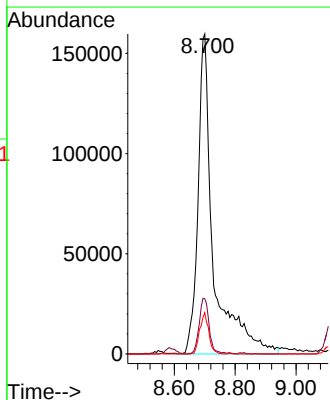
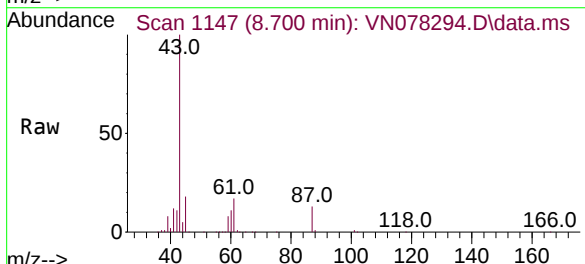
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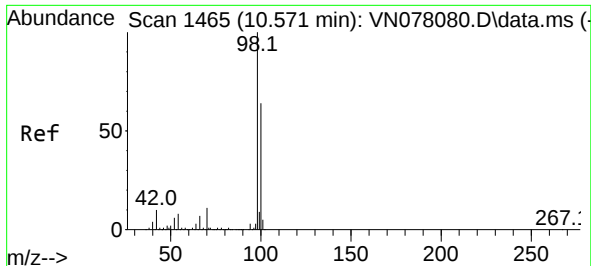
Tgt Ion: 43 Resp: 59978
Ion Ratio Lower Upper
43 100
61 17.3 13.2 19.8
70 12.4 11.3 16.9



#43
Isopropyl Acetate
Concen: 47.197 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078294.D
Acq: 19 Jun 2023 21:27

Tgt Ion: 43 Resp: 564773
Ion Ratio Lower Upper
43 100
61 11.2 24.7 37.1#
87 7.4 14.6 21.8#

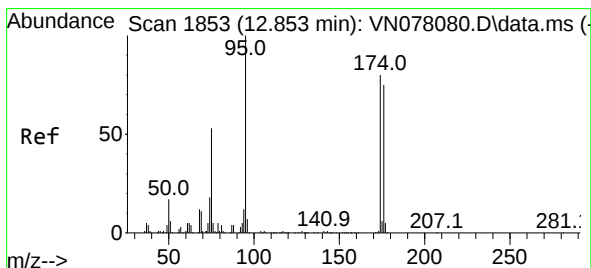
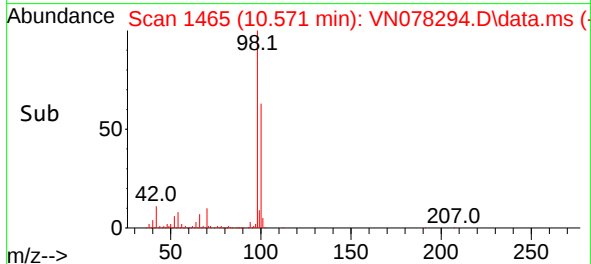
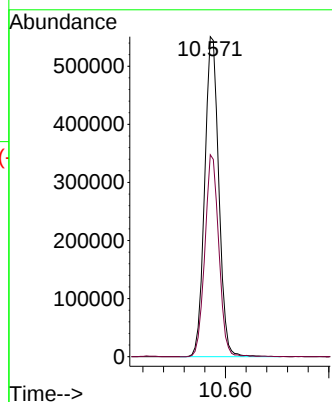
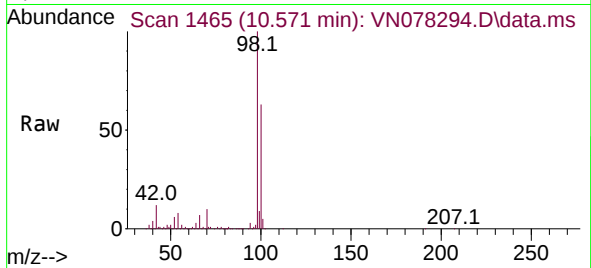




#50
Toluene-d8
Concen: 48.385 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078294.D
Acq: 19 Jun 2023 21:27

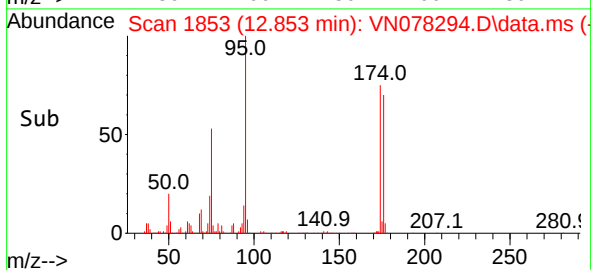
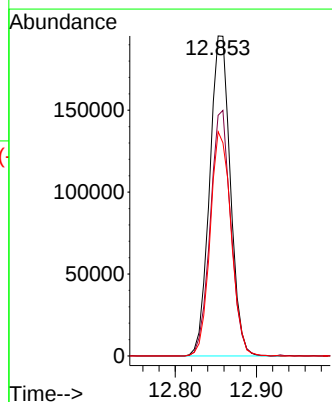
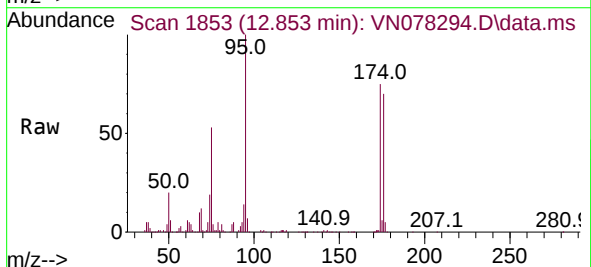
Instrument :
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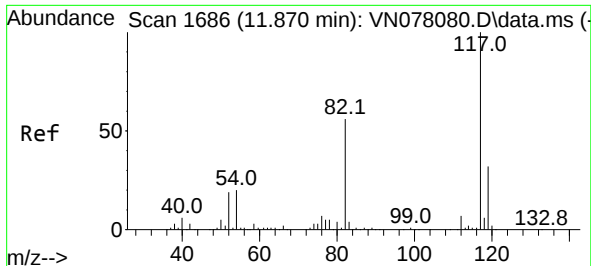
Tgt Ion: 98 Resp: 1041569
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.719 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078294.D
Acq: 19 Jun 2023 21:27

Tgt Ion: 95 Resp: 346108
Ion Ratio Lower Upper
95 100
174 76.1 0.0 143.8
176 70.8 0.0 135.8

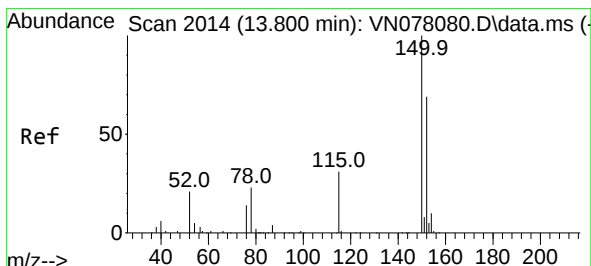
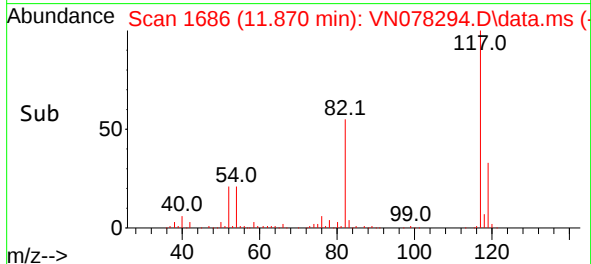
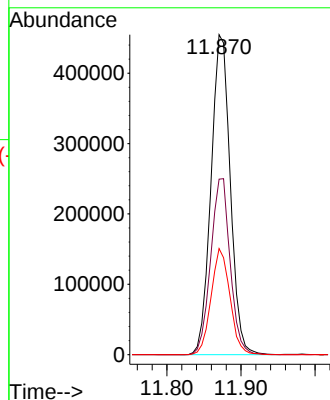
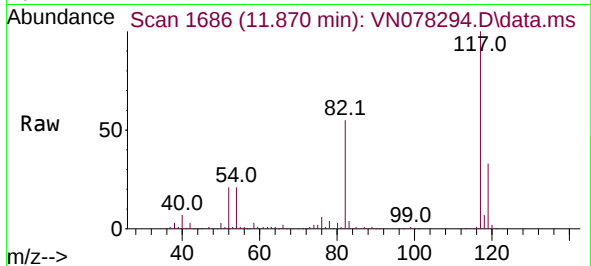




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078294.D
Acq: 19 Jun 2023 21:27

Instrument :
MSVOA_N
ClientSampleId :
WC-25

Tgt Ion:117 Resp: 820196
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 33.2 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: VN078294.D
Acq: 19 Jun 2023 21:27

Tgt Ion:152 Resp: 272615
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 155.4 0.0 355.8

