

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078287.D
 Acq On : 19 Jun 2023 18:38
 Operator : JC\MD
 Sample : 03320-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-19

Quant Time: Jun 20 01:32:23 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)

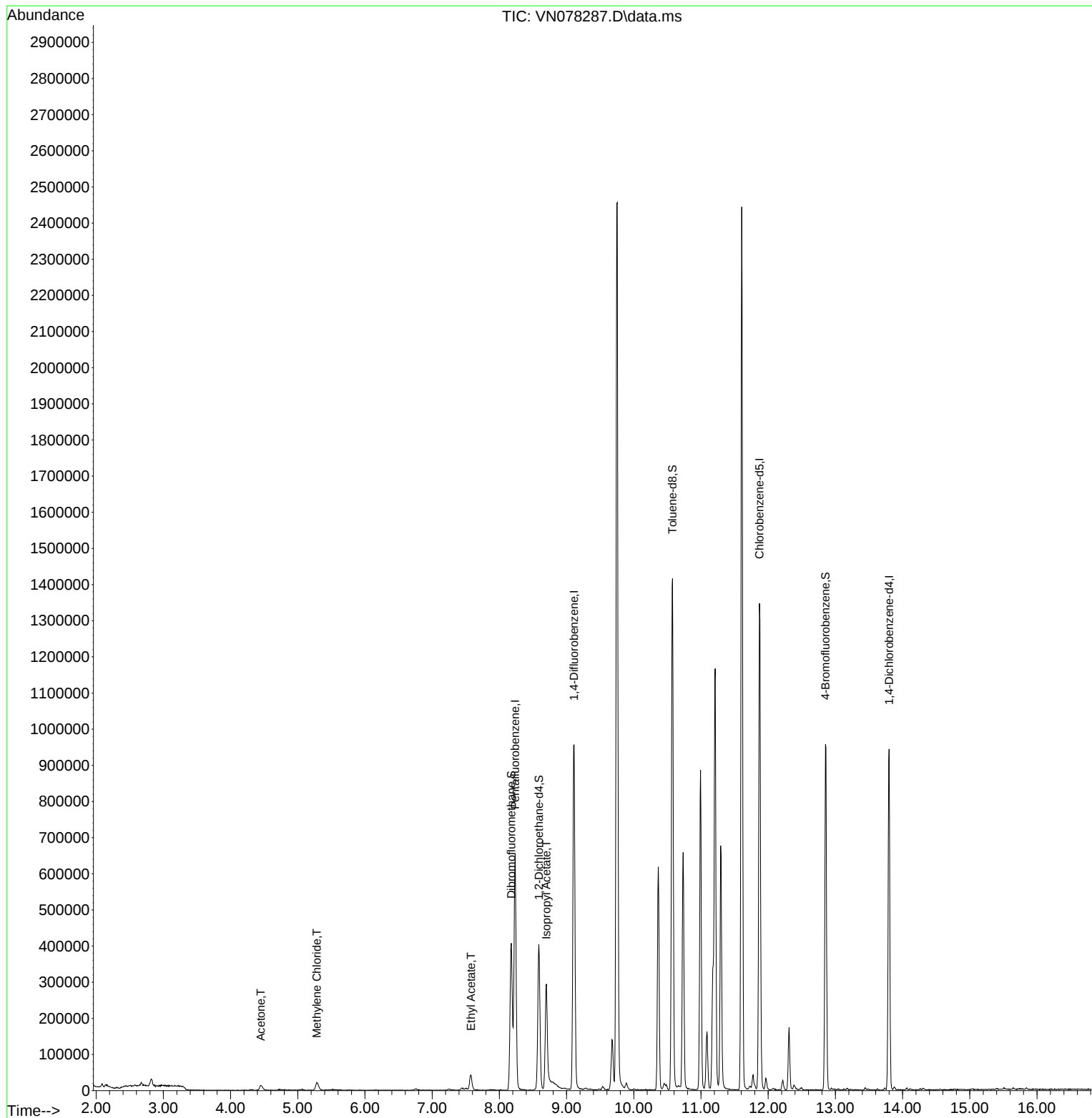
Internal Standards						
1) Pentafluorobenzene	8.235	168	455383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	863102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	807469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	254450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	329874	54.330	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.660%		
35) Dibromofluoromethane	8.177	113	296719	54.371	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.740%		
50) Toluene-d8	10.576	98	1025488	48.744	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.480%		
62) 4-Bromofluorobenzene	12.853	95	341628	52.234	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.460%		
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	27631	15.810	ug/l	95
20) Methylene Chloride	5.283	84	16034	2.776	ug/l #	81
37) Ethyl Acetate	7.577	43	63843	10.440	ug/l	97
43) Isopropyl Acetate	8.700	43	346357	29.616	ug/l #	80

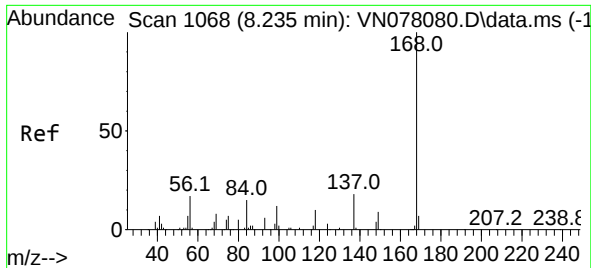
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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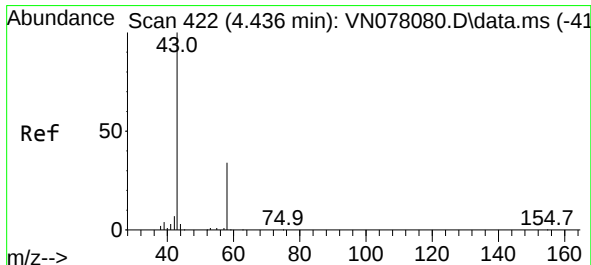
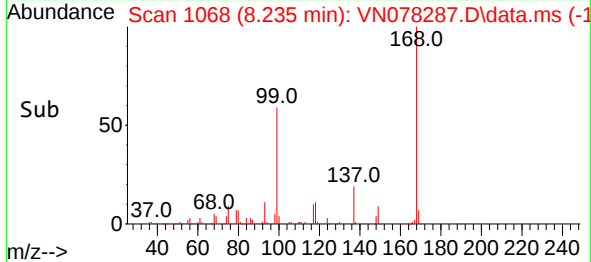
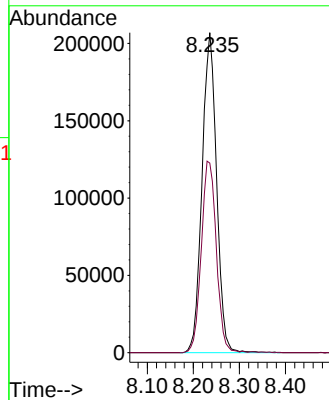
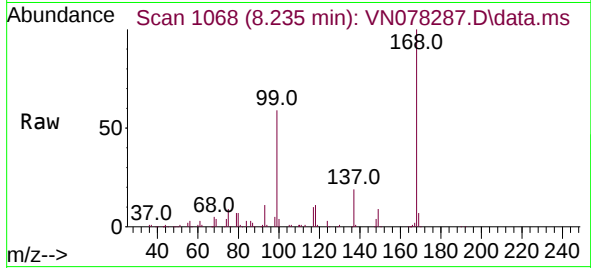




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078287.D
Acq: 19 Jun 2023 18:38

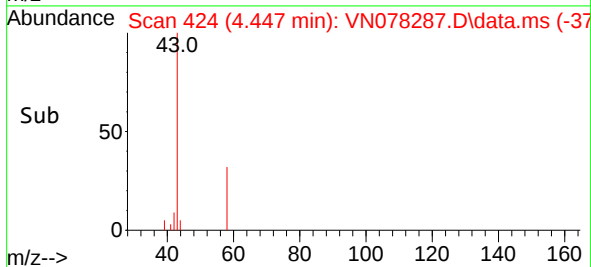
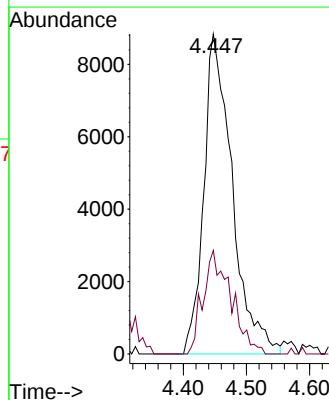
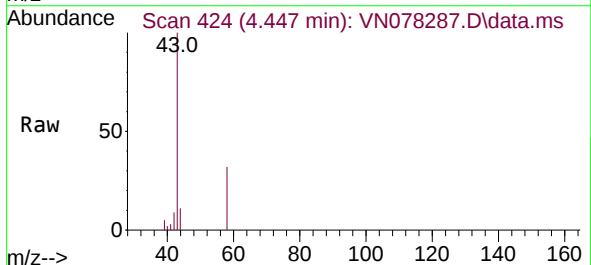
Instrument :
MSVOA_N
ClientSampleId :
WC-19

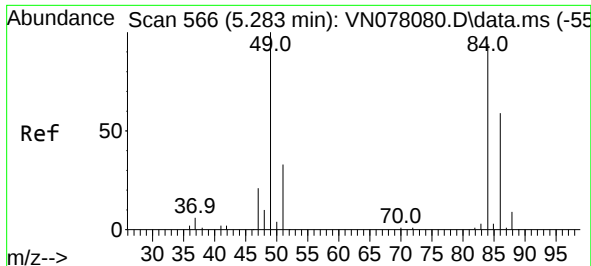
Tgt Ion:168 Resp: 455383
Ion Ratio Lower Upper
168 100
99 59.2 53.0 79.6



#16
Acetone
Concen: 15.810 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078287.D
Acq: 19 Jun 2023 18:38

Tgt Ion: 43 Resp: 27631
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0

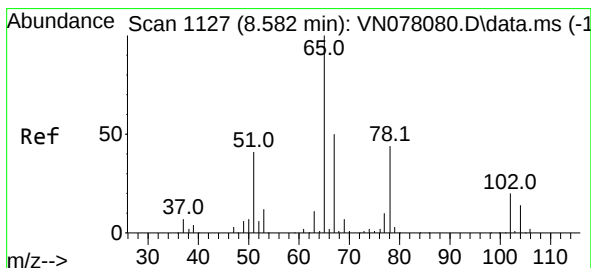
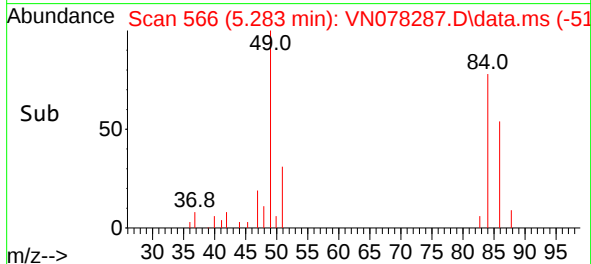
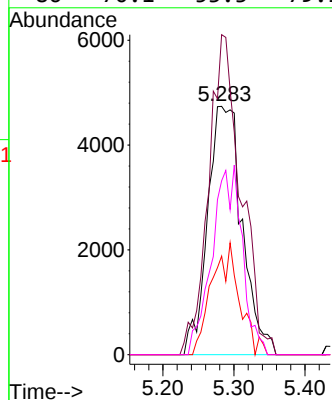
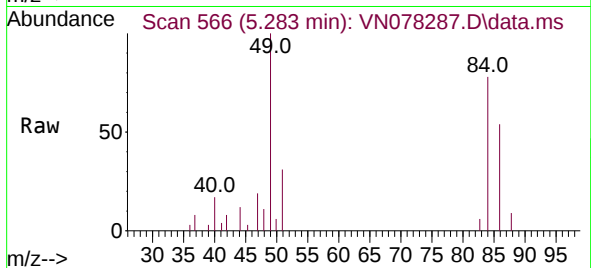




#20
Methylene Chloride
Concen: 2.776 ug/l
RT: 5.283 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN078287.D
Acq: 19 Jun 2023 18:38

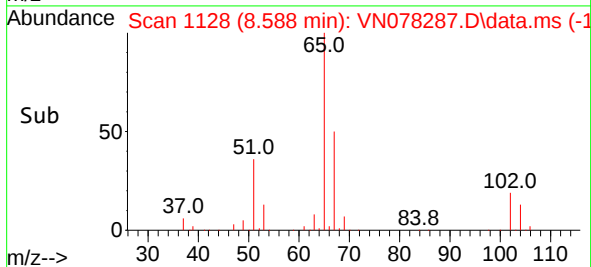
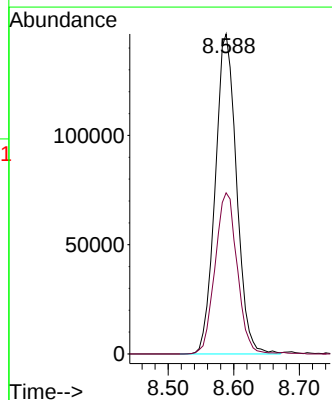
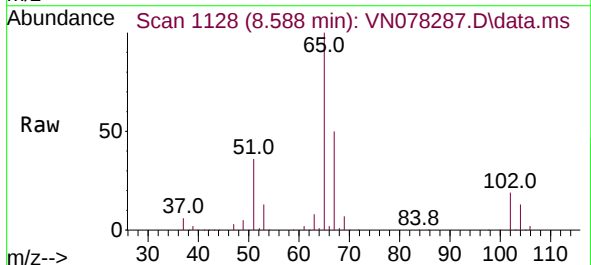
Instrument :
MSVOA_N
ClientSampleId :
WC-19

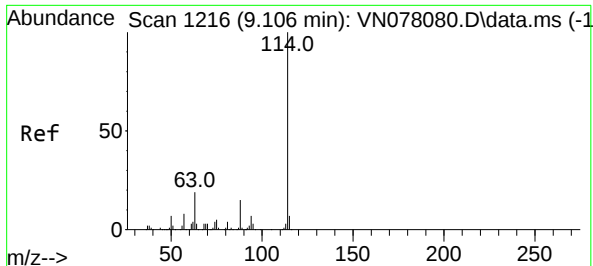
Tgt Ion: 84	Resp: 16034
Ion Ratio	Lower Upper
84 100	
49 128.8	79.7 119.5#
51 39.7	25.2 37.8#
86 70.1	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 54.330 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078287.D
Acq: 19 Jun 2023 18:38

Tgt Ion: 65	Resp: 329874
Ion Ratio	Lower Upper
65 100	
67 52.2	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078287.D

Acq: 19 Jun 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

WC-19

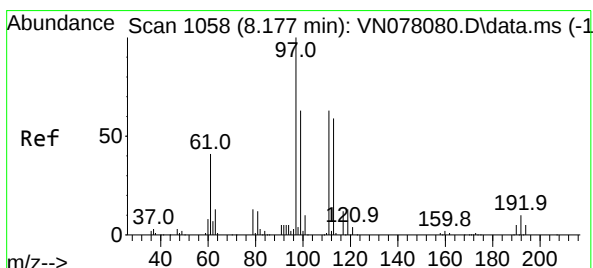
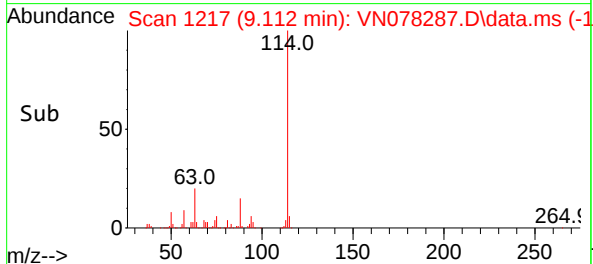
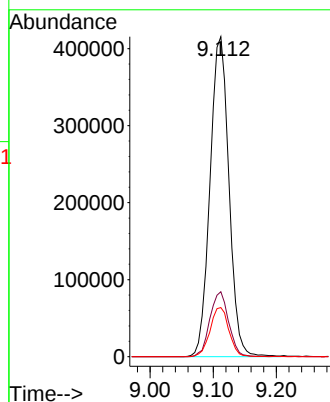
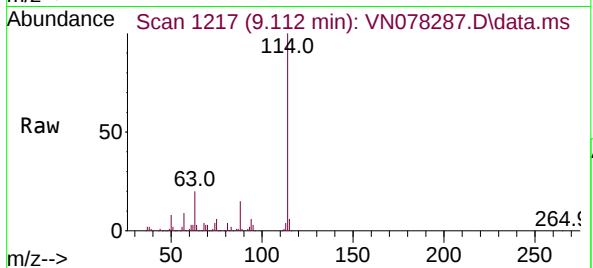
Tgt Ion:114 Resp: 863102

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.371 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078287.D

Acq: 19 Jun 2023 18:38

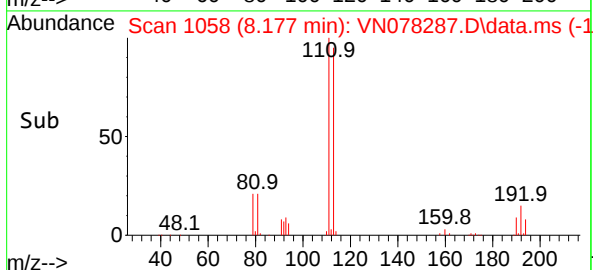
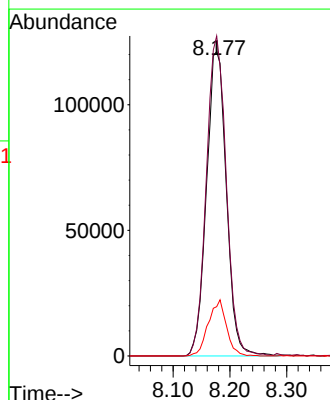
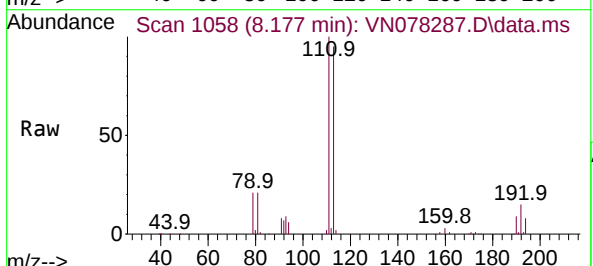
Tgt Ion:113 Resp: 296719

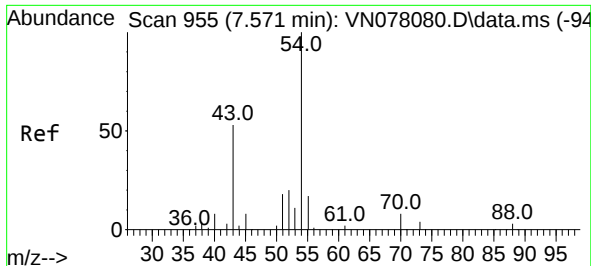
Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 16.8 12.7 19.1





#37

Ethyl Acetate

Concen: 10.440 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN078287.D

Acq: 19 Jun 2023 18:38

Instrument :

MSVOA_N

ClientSampleId :

WC-19

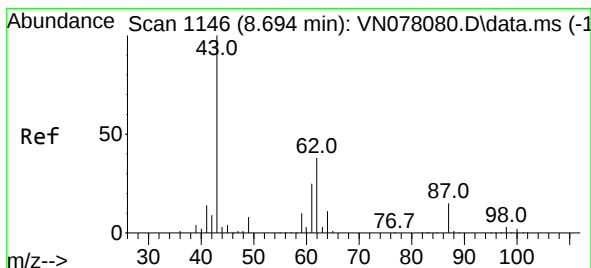
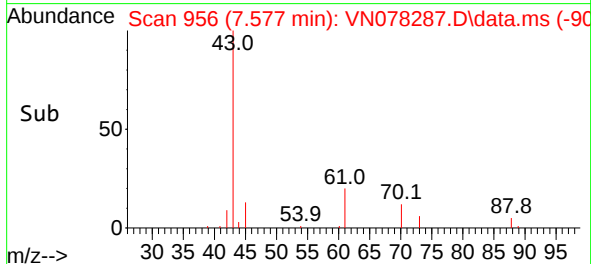
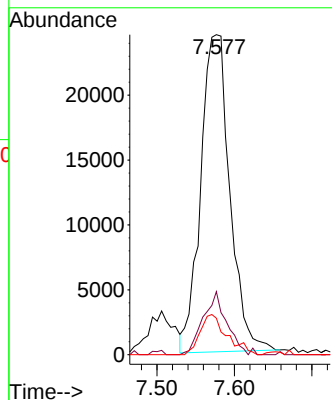
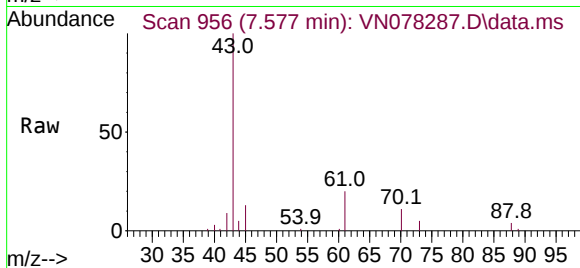
Tgt Ion: 43 Resp: 63843

Ion Ratio Lower Upper

43 100

61 16.3 13.2 19.8

70 11.6 11.3 16.9



#43

Isopropyl Acetate

Concen: 29.616 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN078287.D

Acq: 19 Jun 2023 18:38

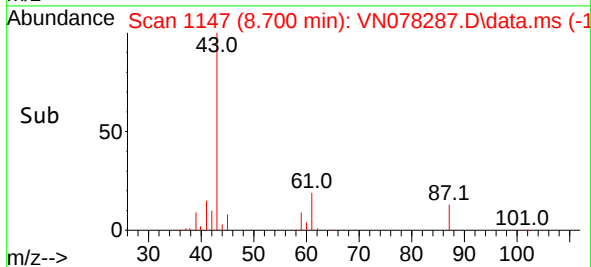
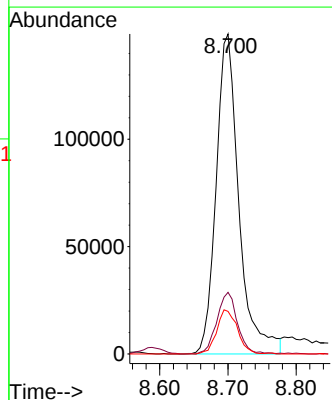
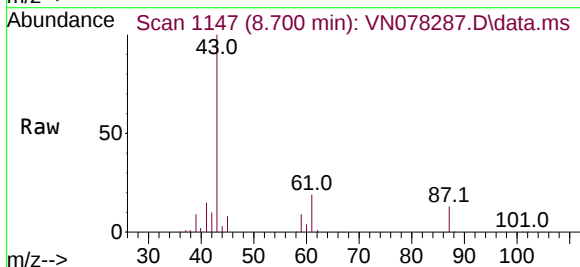
Tgt Ion: 43 Resp: 346357

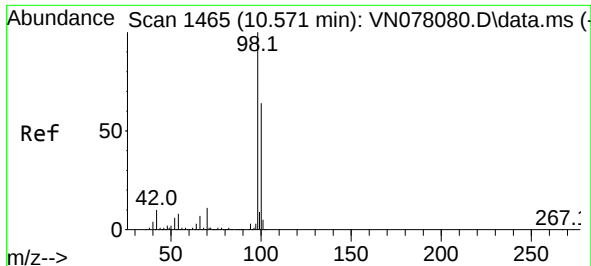
Ion Ratio Lower Upper

43 100

61 17.5 24.7 37.1#

87 12.5 14.6 21.8#

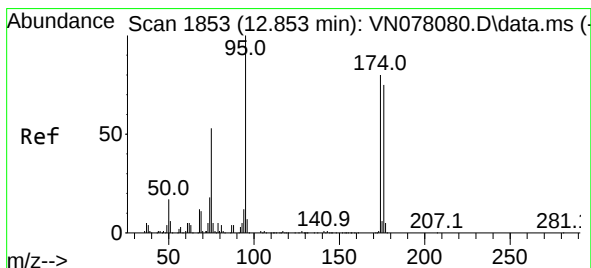
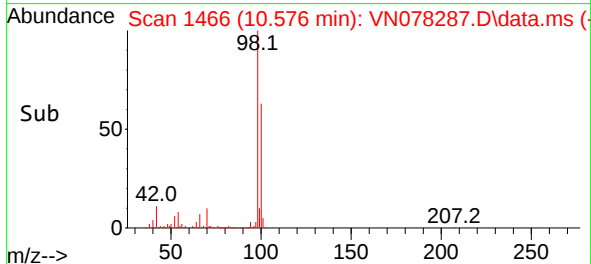
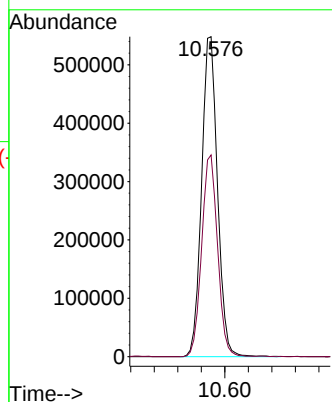
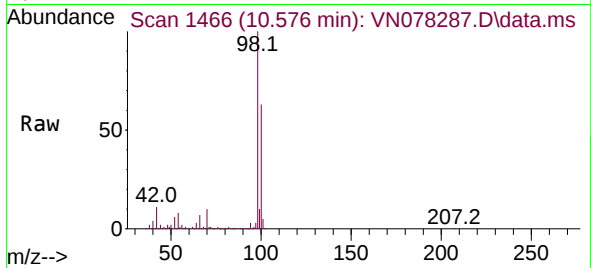




#50
Toluene-d8
Concen: 48.744 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078287.D
Acq: 19 Jun 2023 18:38

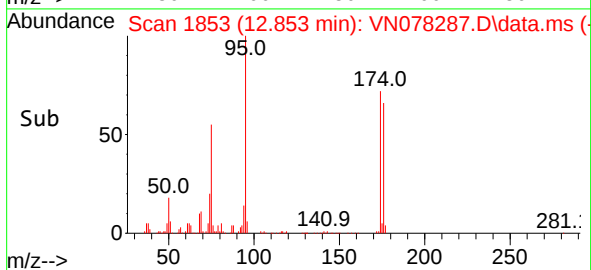
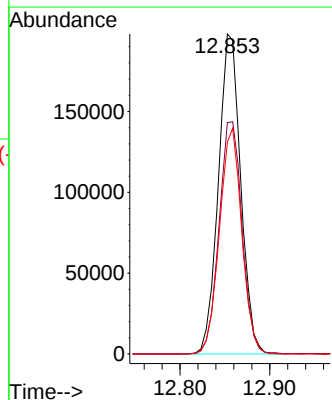
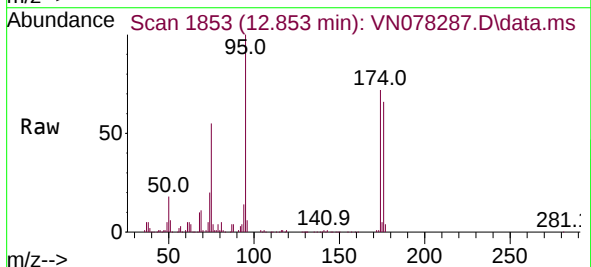
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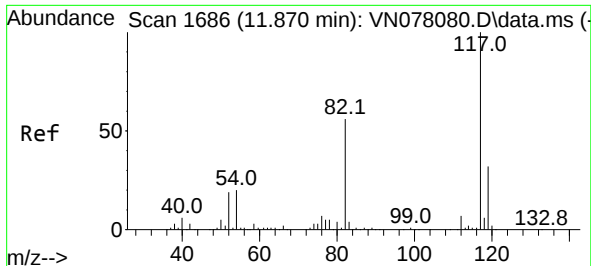
Tgt Ion: 98 Resp: 1025488
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.234 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078287.D
Acq: 19 Jun 2023 18:38

Tgt Ion: 95 Resp: 341628
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 70.5 0.0 135.8

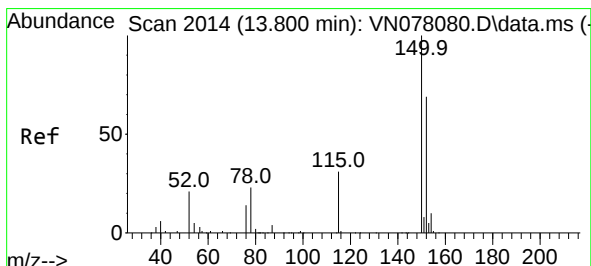
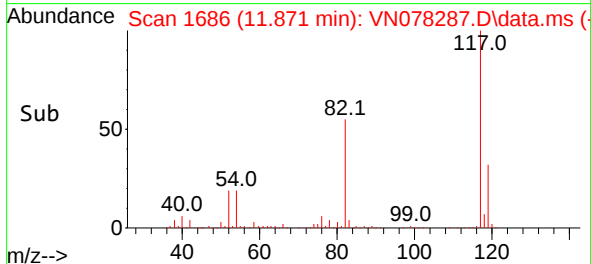
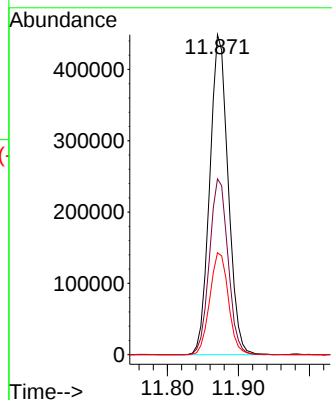
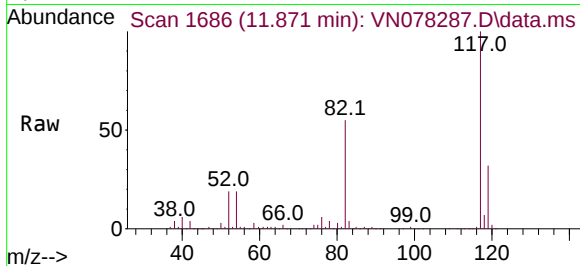




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078287.D
Acq: 19 Jun 2023 18:38

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 807469
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: VN078287.D
Acq: 19 Jun 2023 18:38

Tgt Ion:152 Resp: 254450
Ion Ratio Lower Upper
152 100
115 59.4 32.3 96.8
150 158.0 0.0 355.8

