

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078331.D
 Acq On : 21 Jun 2023 18:47
 Operator : JC\MD
 Sample : 03337-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-18

Quant Time: Jun 22 04:53:54 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)

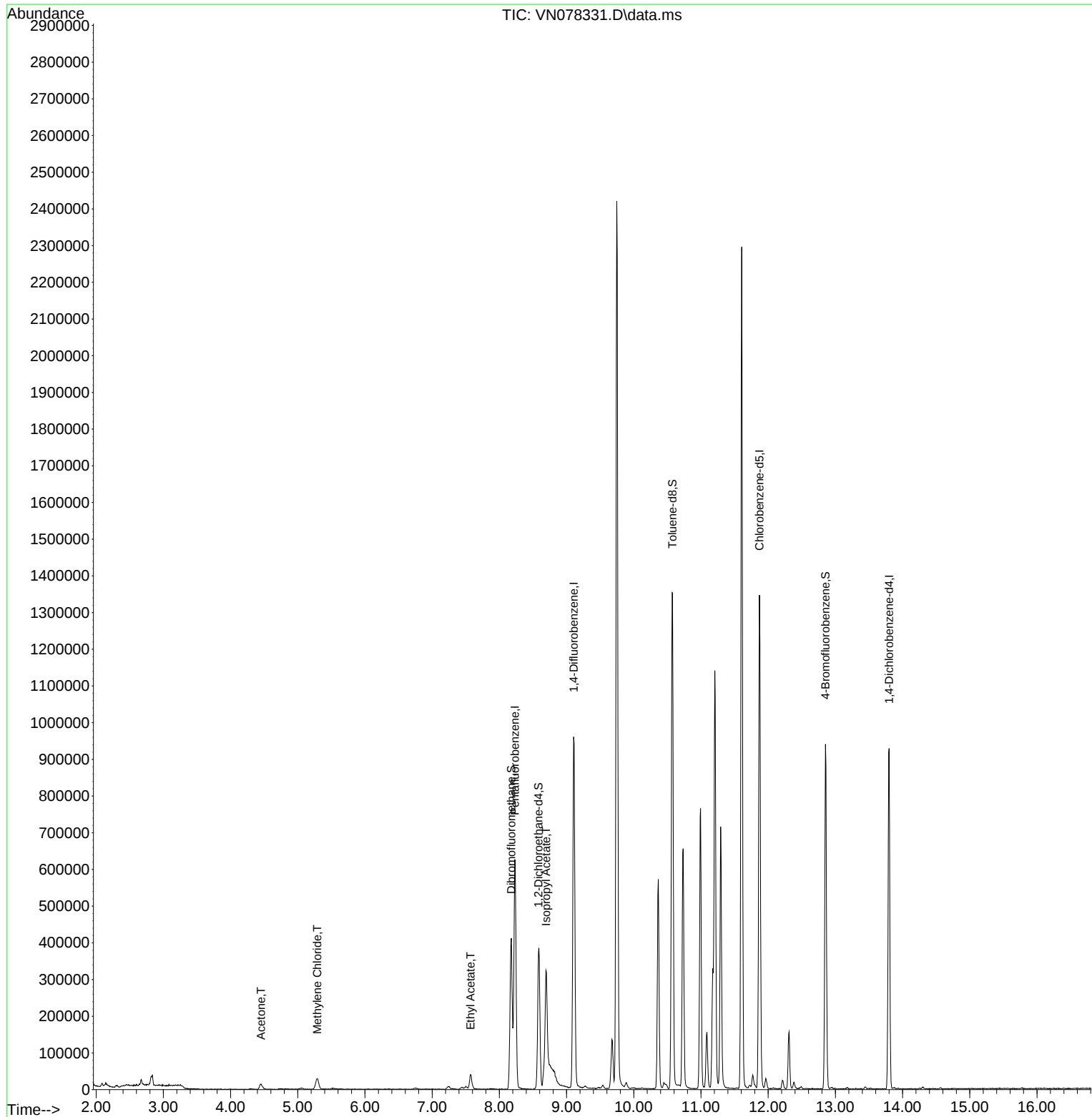
Internal Standards						
1) Pentafluorobenzene	8.230	168	441597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	864346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	805759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	259352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	326220	55.406	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.820%	
35) Dibromofluoromethane	8.177	113	295283	54.030	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	108.060%	
50) Toluene-d8	10.576	98	1015260	48.188	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.380%	
62) 4-Bromofluorobenzene	12.853	95	330238	50.420	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.840%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	25497	15.045	ug/l	93
20) Methylene Chloride	5.289	84	24955	4.456	ug/l #	91
37) Ethyl Acetate	7.571	43	57911	9.457	ug/l	97
43) Isopropyl Acetate	8.694	43	414120	35.359	ug/l #	75

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

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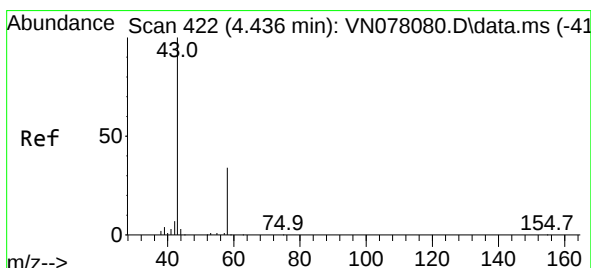
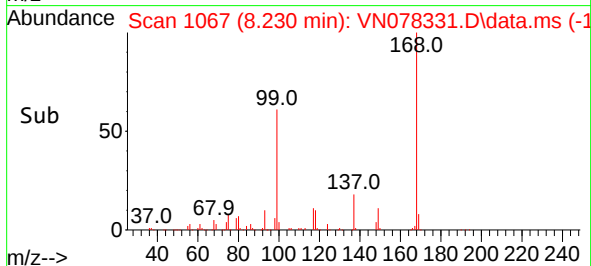
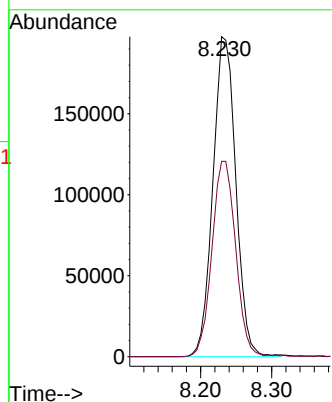
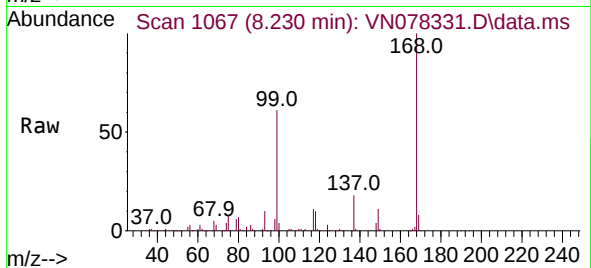




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN078331.D
Acq: 21 Jun 2023 18:47

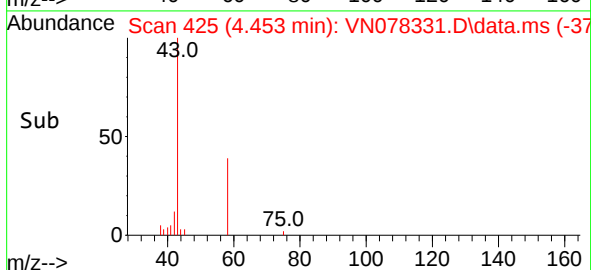
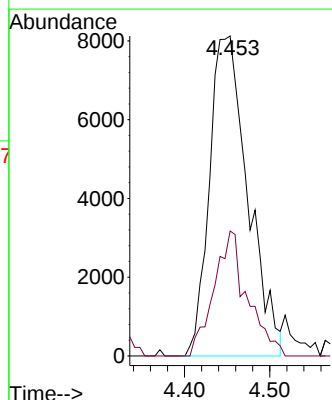
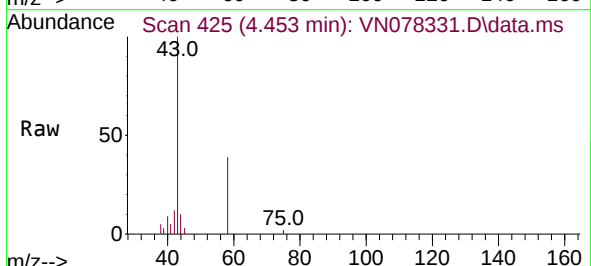
Instrument :
MSVOA_N
ClientSampleId :
WC-18

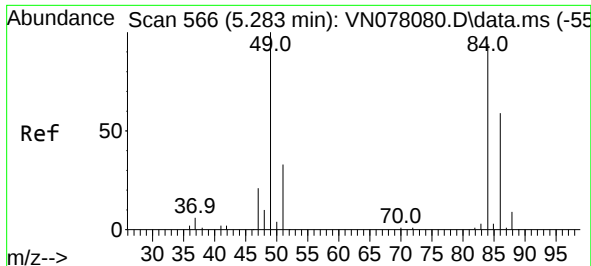
Tgt Ion:168 Resp: 441597
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#16
Acetone
Concen: 15.045 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078331.D
Acq: 21 Jun 2023 18:47

Tgt Ion: 43 Resp: 25497
Ion Ratio Lower Upper
43 100
58 39.0 28.0 42.0

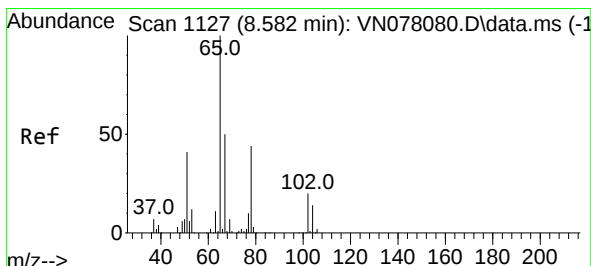
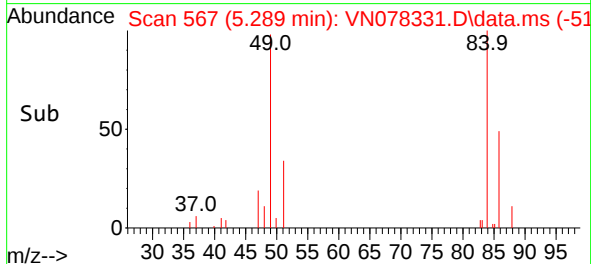
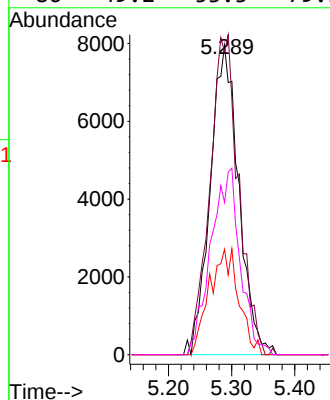
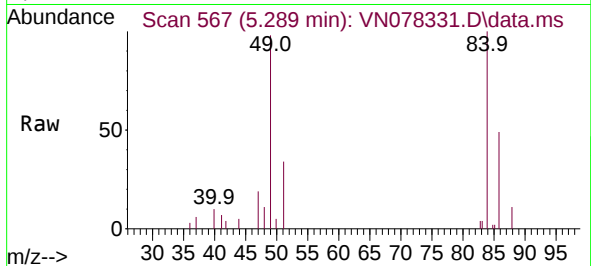




#20
Methylene Chloride
Concen: 4.456 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078331.D
Acq: 21 Jun 2023 18:47

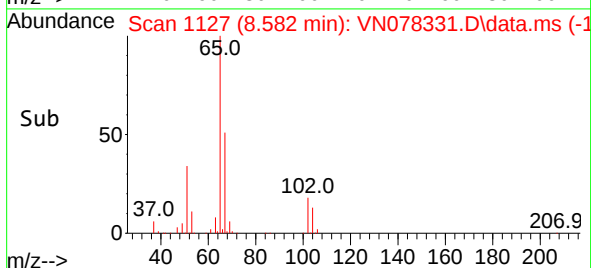
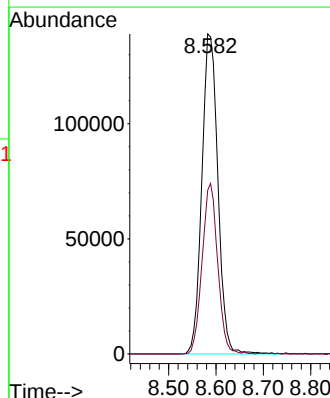
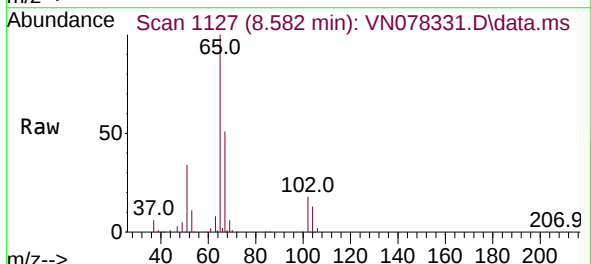
Instrument :
MSVOA_N
ClientSampleId :
WC-18

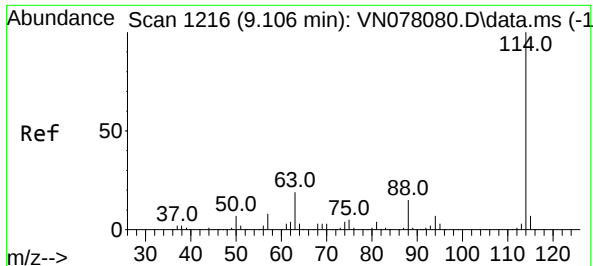
Tgt Ion:	84	Resp:	24955
Ion	Ratio	Lower	Upper
84	100		
49	97.9	79.7	119.5
51	34.1	25.2	37.8
86	49.2	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 55.406 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078331.D
Acq: 21 Jun 2023 18:47

Tgt Ion:	65	Resp:	326220
Ion	Ratio	Lower	Upper
65	100		
67	51.7	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: VN078331.D

Acq: 21 Jun 2023 18:47

Instrument :

MSVOA_N

ClientSampleId :

WC-18

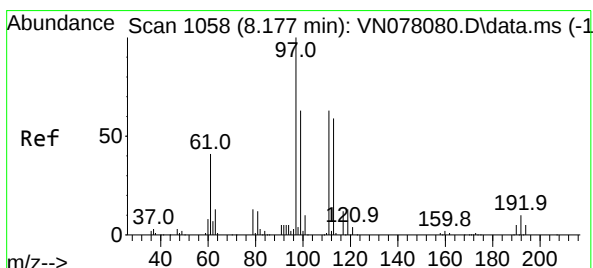
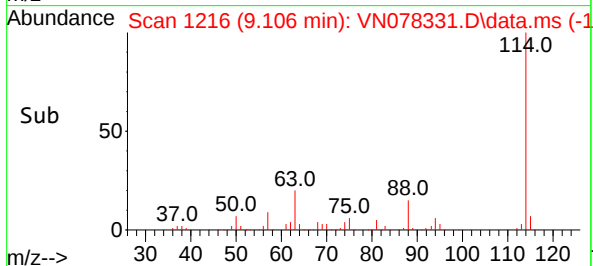
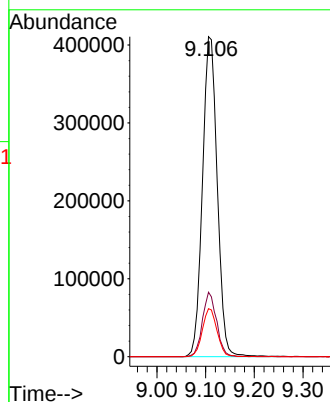
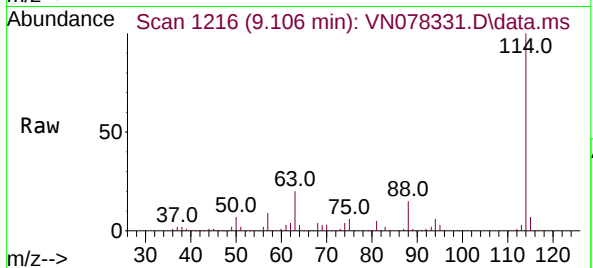
Tgt Ion:114 Resp: 864346

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.030 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078331.D

Acq: 21 Jun 2023 18:47

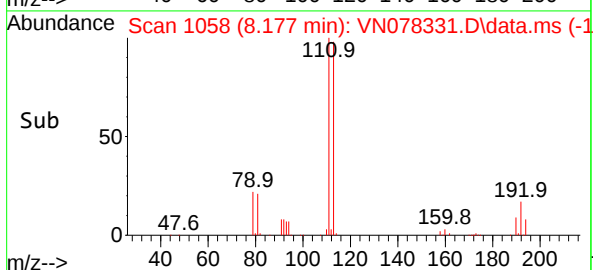
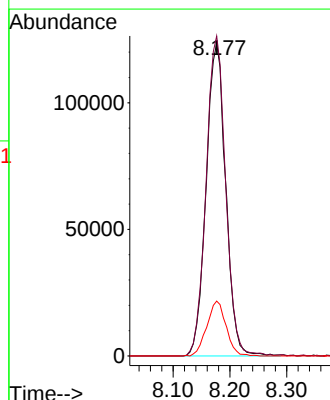
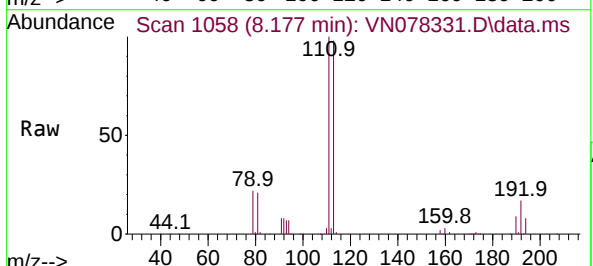
Tgt Ion:113 Resp: 295283

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 17.3 12.7 19.1

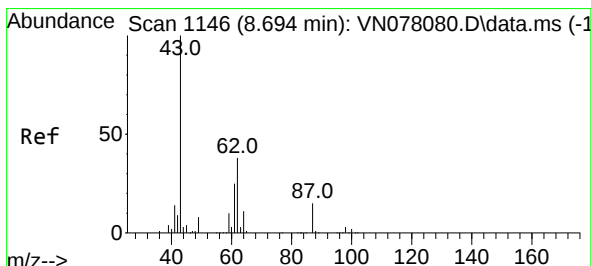
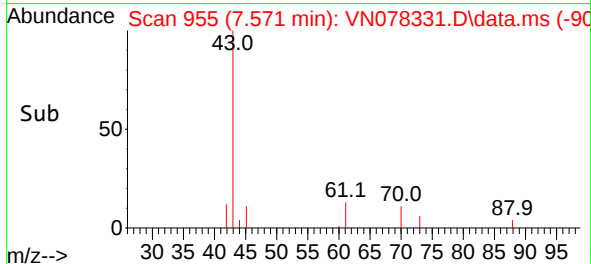
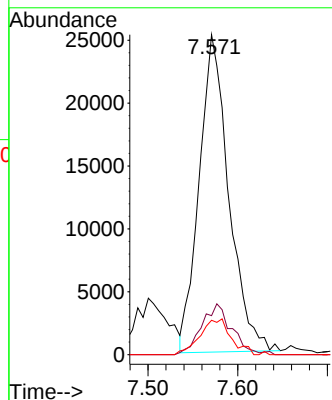
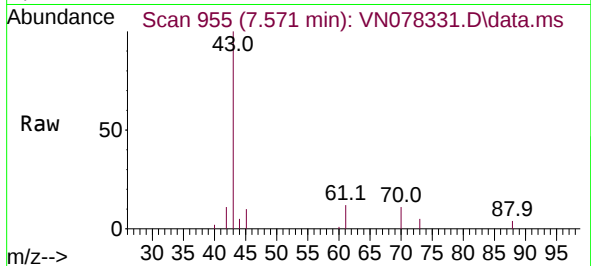




#37
Ethyl Acetate
Concen: 9.457 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078331.D
Acq: 21 Jun 2023 18:47

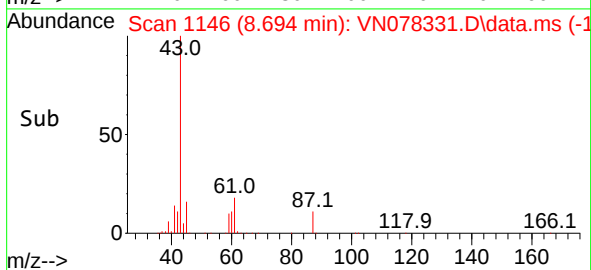
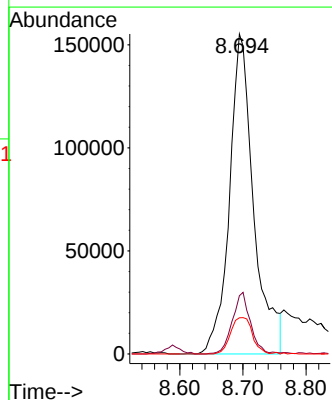
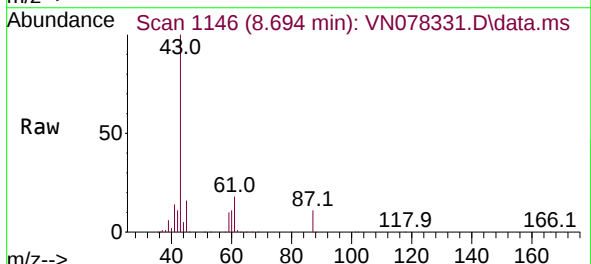
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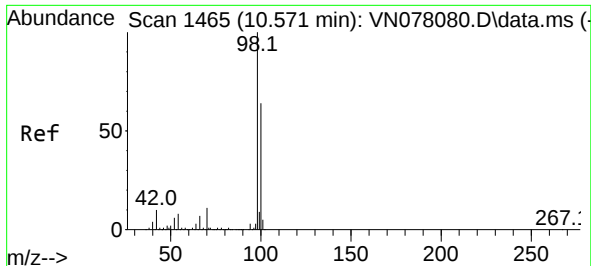
Tgt Ion: 43 Resp: 57911
Ion Ratio Lower Upper
43 100
61 16.3 13.2 19.8
70 11.7 11.3 16.9



#43
Isopropyl Acetate
Concen: 35.359 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078331.D
Acq: 21 Jun 2023 18:47

Tgt Ion: 43 Resp: 414120
Ion Ratio Lower Upper
43 100
61 14.6 24.7 37.1#
87 10.2 14.6 21.8#

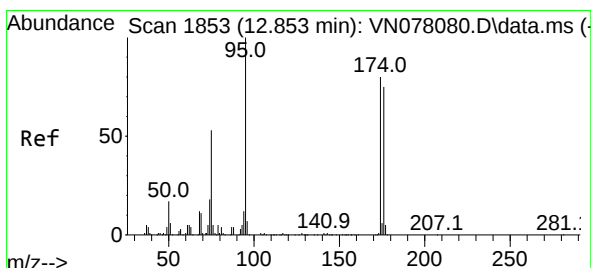
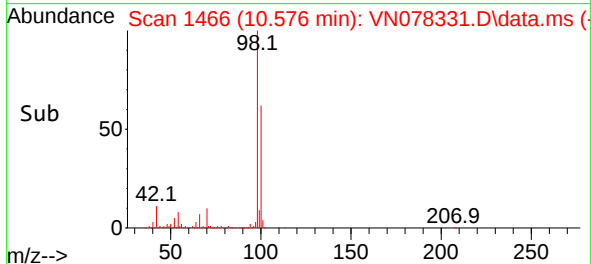
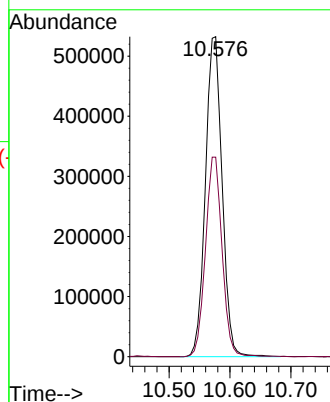
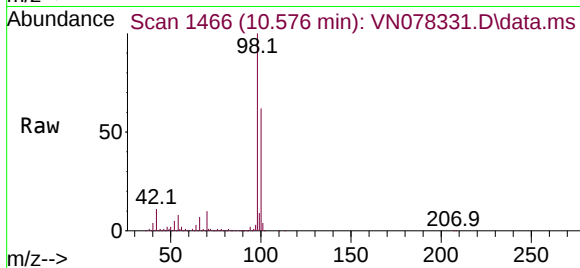




#50
Toluene-d8
Concen: 48.188 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078331.D
Acq: 21 Jun 2023 18:47

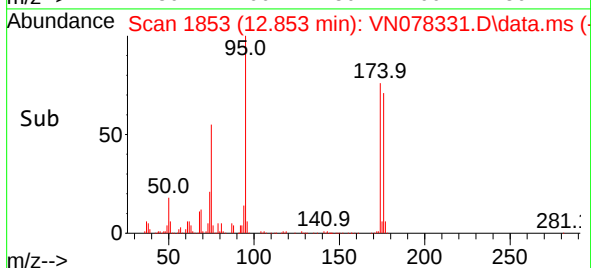
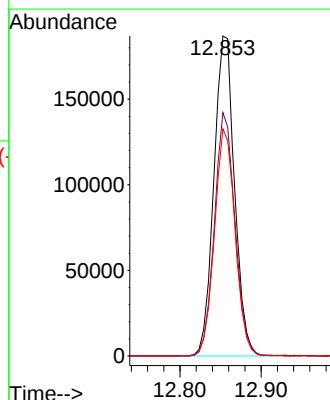
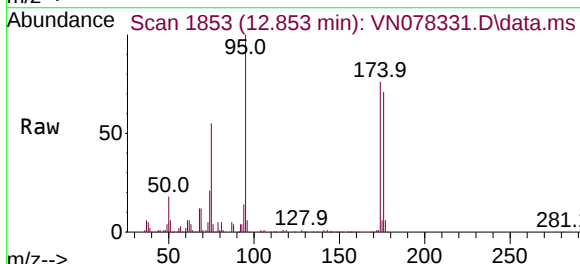
Instrument :
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WC-18

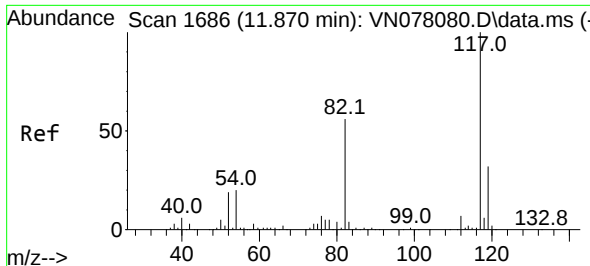
Tgt Ion: 98 Resp: 1015260
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.420 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078331.D
Acq: 21 Jun 2023 18:47

Tgt Ion: 95 Resp: 330238
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 70.9 0.0 135.8

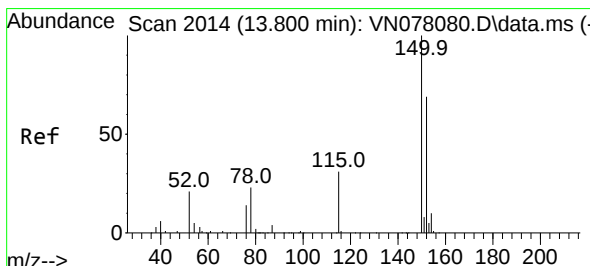
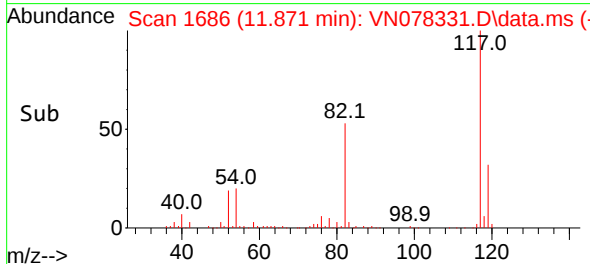
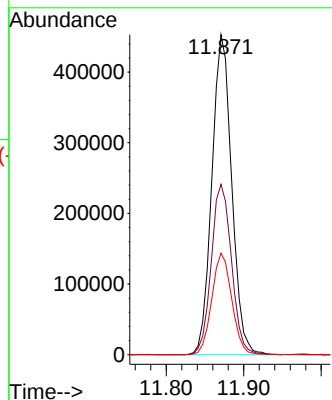
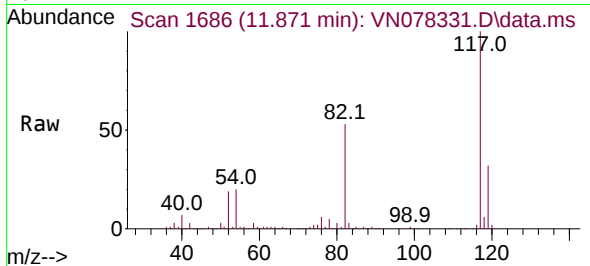




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078331.D
Acq: 21 Jun 2023 18:47

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 805759
Ion Ratio Lower Upper
117 100
82 53.2 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: VN078331.D
Acq: 21 Jun 2023 18:47

Tgt Ion:152 Resp: 259352
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 152.7 0.0 355.8

