

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078289.D
 Acq On : 19 Jun 2023 19:26
 Operator : JC\MD
 Sample : 03320-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-12

Quant Time: Jun 20 01:33:40 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)

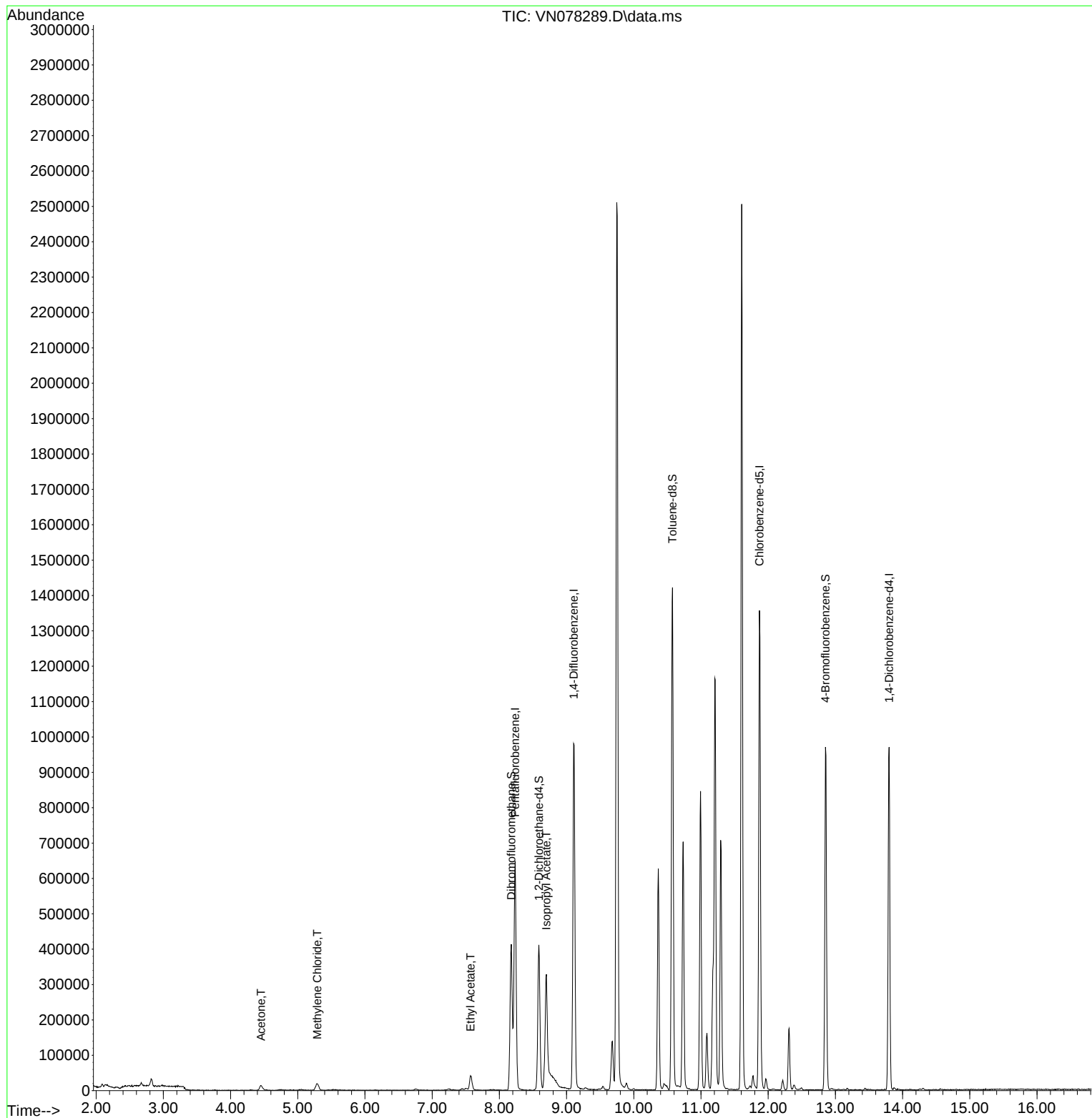
Internal Standards						
1) Pentafluorobenzene	8.235	168	459771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	867593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	813327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	269197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	332164	54.185	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.380%		
35) Dibromofluoromethane	8.177	113	294530	53.691	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.380%		
50) Toluene-d8	10.576	98	1032653	48.830	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.660%		
62) 4-Bromofluorobenzene	12.853	95	345738	52.589	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.180%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	25975	14.721	ug/l	94
20) Methylene Chloride	5.288	84	15828	2.715	ug/l #	86
37) Ethyl Acetate	7.571	43	63266	10.292	ug/l	96
43) Isopropyl Acetate	8.700	43	413642	35.186	ug/l #	76

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

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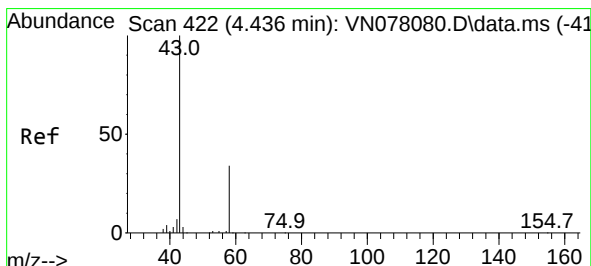
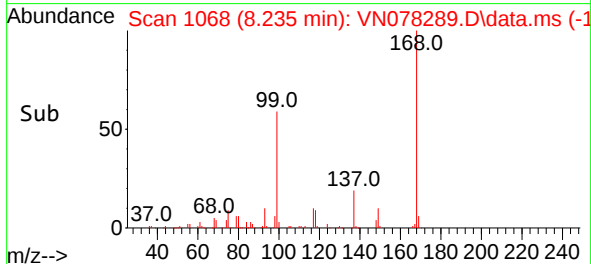
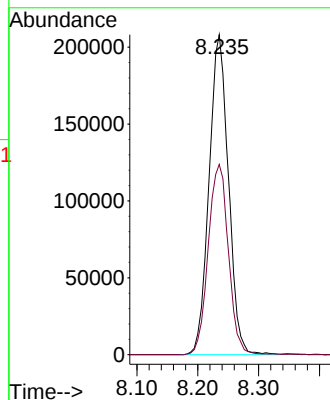
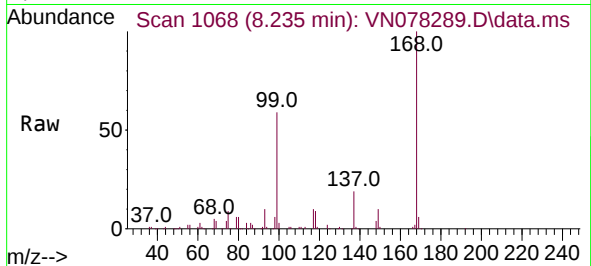




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078289.D
Acq: 19 Jun 2023 19:26

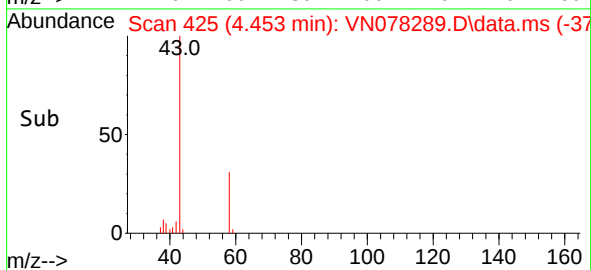
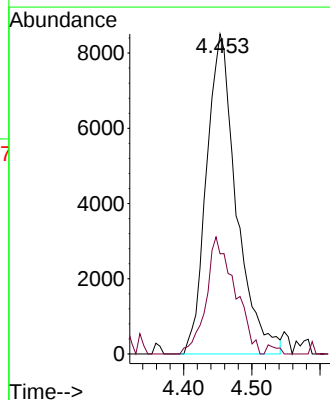
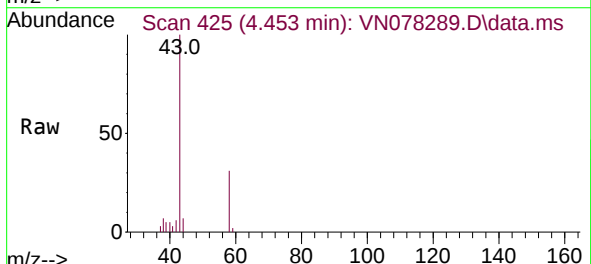
Instrument :
MSVOA_N
ClientSampleId :
WC-12

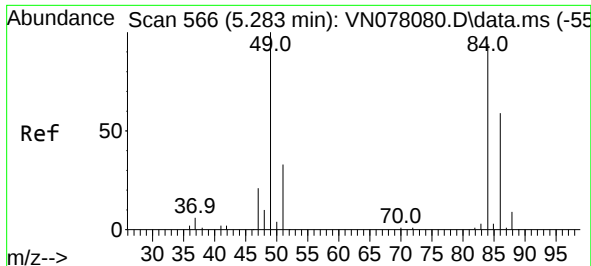
Tgt Ion:168 Resp: 459771
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6



#16
Acetone
Concen: 14.721 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078289.D
Acq: 19 Jun 2023 19:26

Tgt Ion: 43 Resp: 25975
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0

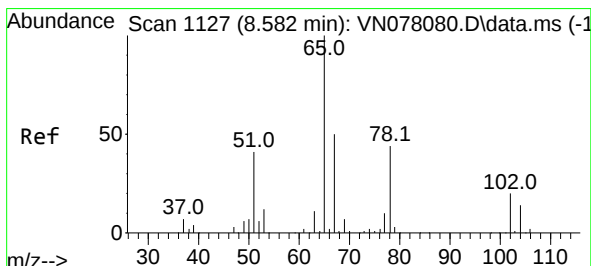
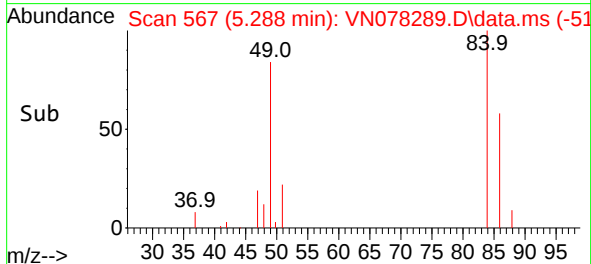
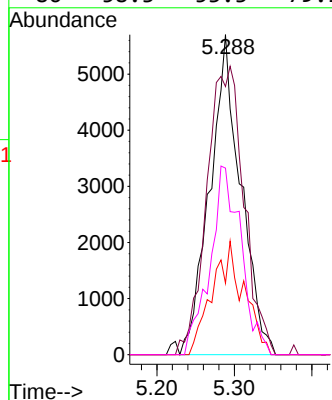
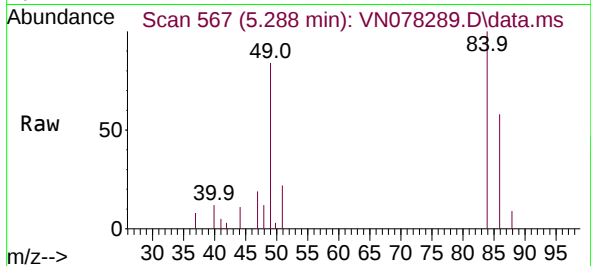




#20
Methylene Chloride
Concen: 2.715 ug/l
RT: 5.288 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078289.D
Acq: 19 Jun 2023 19:26

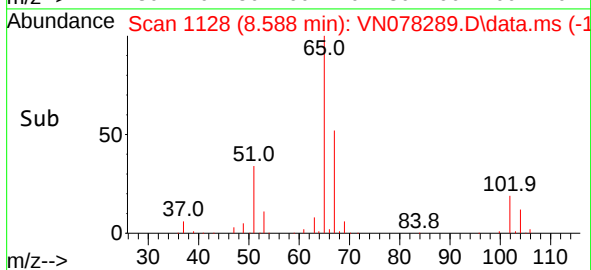
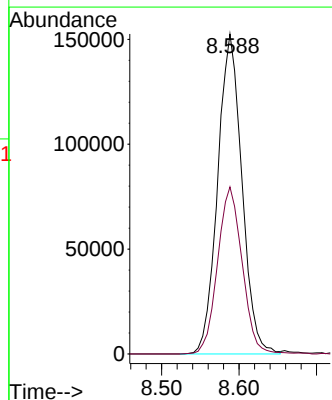
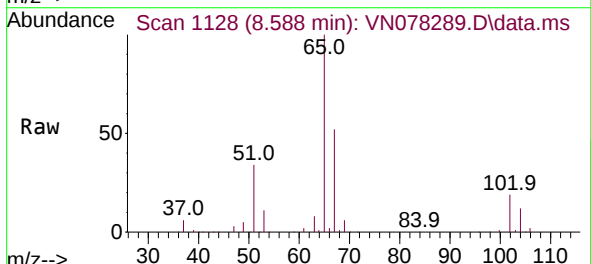
Instrument :
MSVOA_N
ClientSampleId :
WC-12

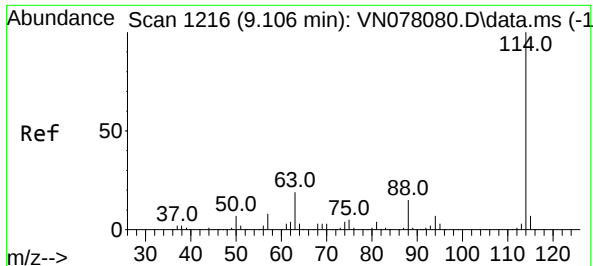
Tgt Ion: 84	Resp: 15828
Ion Ratio	Lower Upper
84 100	
49 83.8	79.7 119.5
51 22.4	25.2 37.8#
86 58.3	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 54.185 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078289.D
Acq: 19 Jun 2023 19:26

Tgt Ion: 65	Resp: 332164
Ion Ratio	Lower Upper
65 100	
67 53.0	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: VN078289.D

Acq: 19 Jun 2023 19:26

Instrument :

MSVOA_N

ClientSampleId :

WC-12

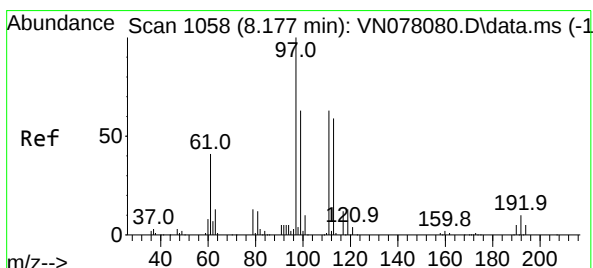
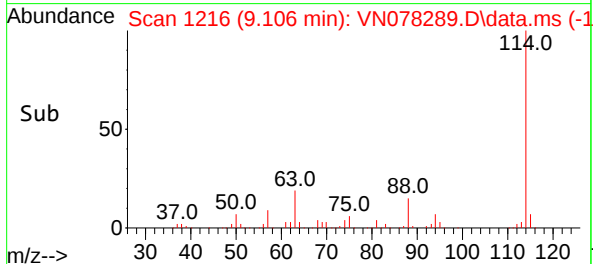
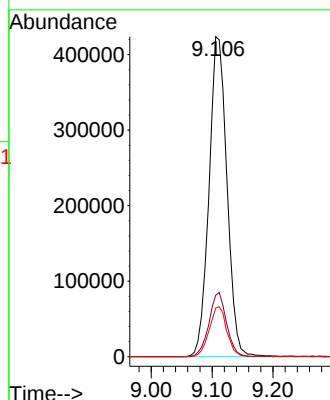
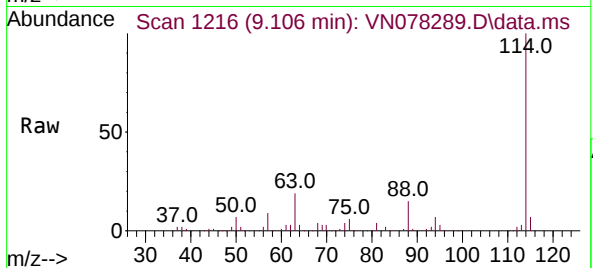
Tgt Ion:114 Resp: 867593

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.691 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078289.D

Acq: 19 Jun 2023 19:26

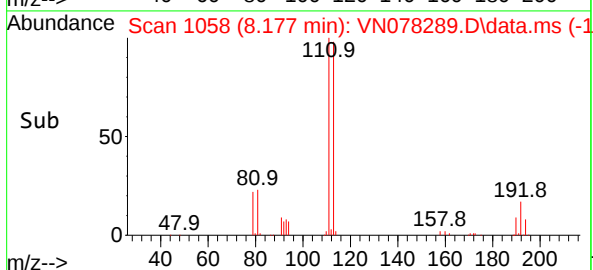
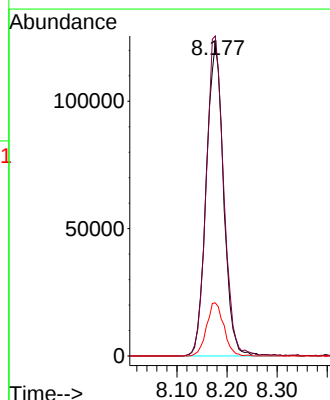
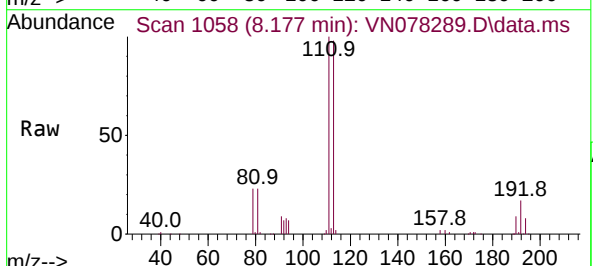
Tgt Ion:113 Resp: 294530

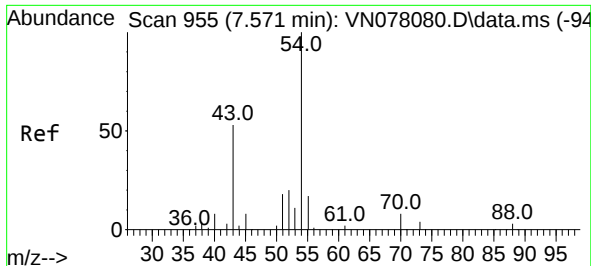
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 16.9 12.7 19.1

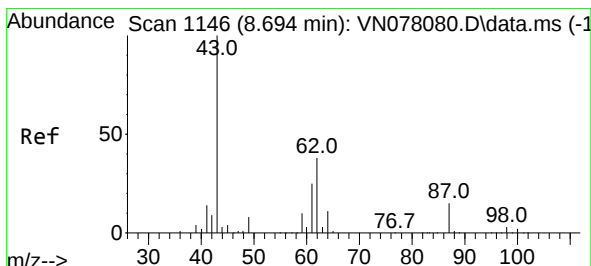
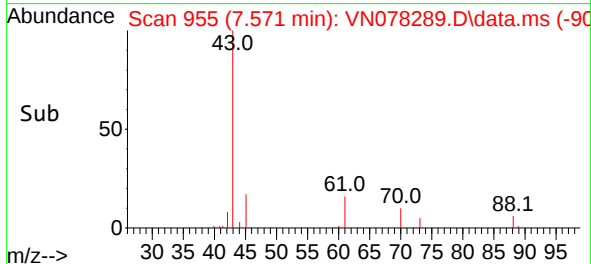
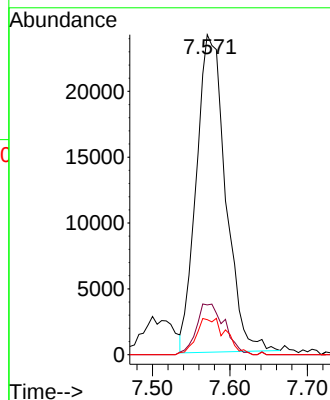
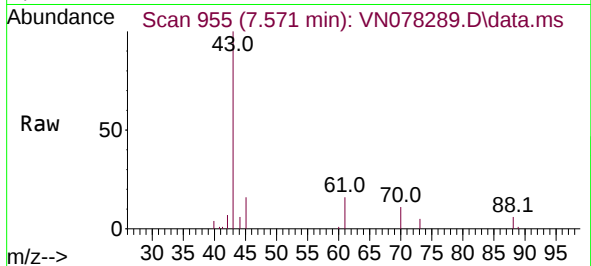




#37
Ethyl Acetate
Concen: 10.292 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078289.D
Acq: 19 Jun 2023 19:26

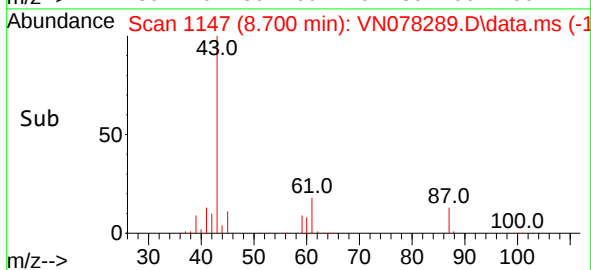
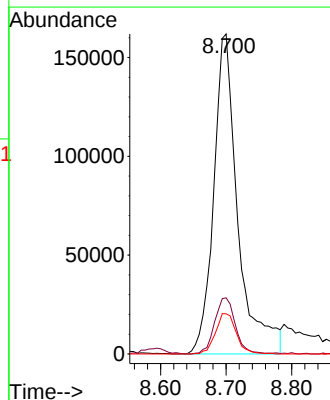
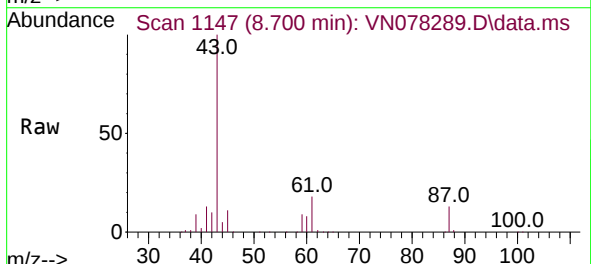
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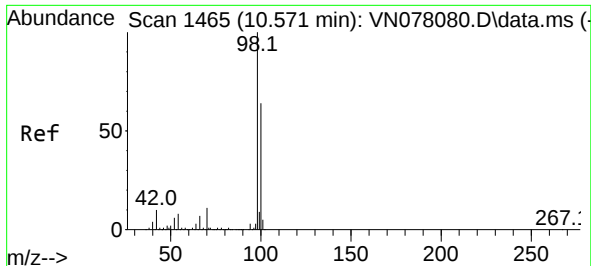
Tgt Ion:	43	Resp:	63266
Ion	Ratio	Lower	Upper
43	100		
61	15.5	13.2	19.8
70	11.6	11.3	16.9



#43
Isopropyl Acetate
Concen: 35.186 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078289.D
Acq: 19 Jun 2023 19:26

Tgt Ion:	43	Resp:	413642
Ion	Ratio	Lower	Upper
43	100		
61	15.0	24.7	37.1#
87	10.9	14.6	21.8#

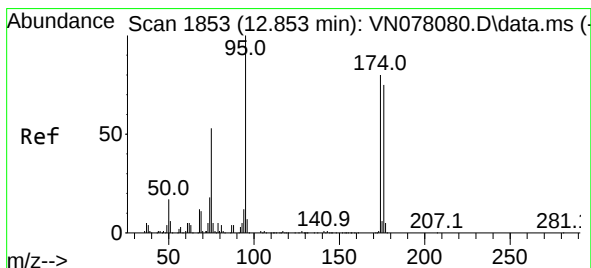
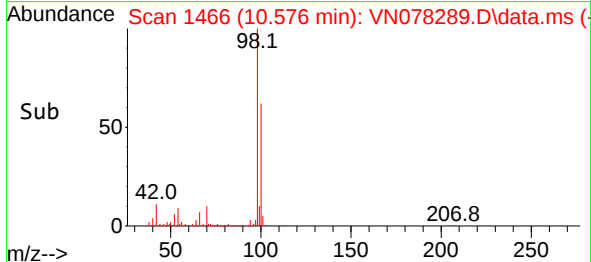
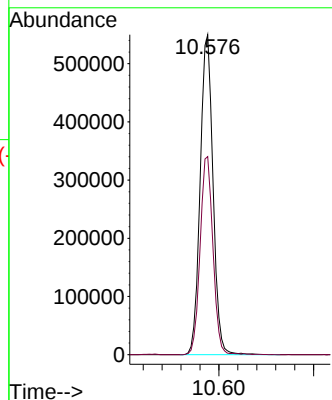
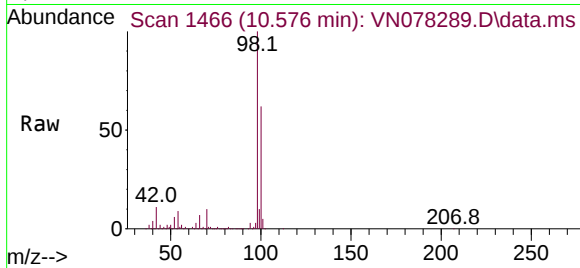




#50
Toluene-d8
Concen: 48.830 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078289.D
Acq: 19 Jun 2023 19:26

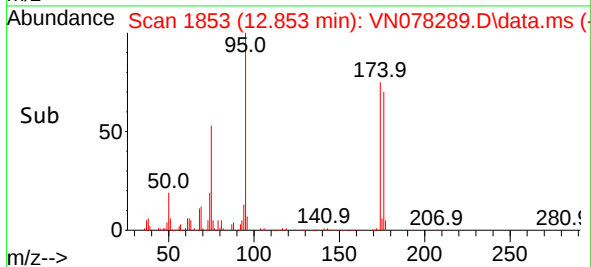
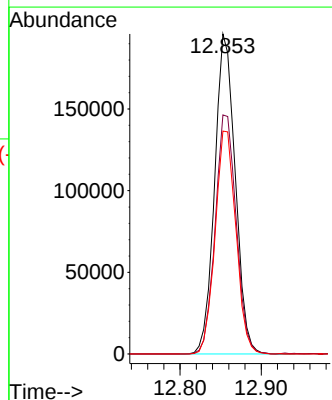
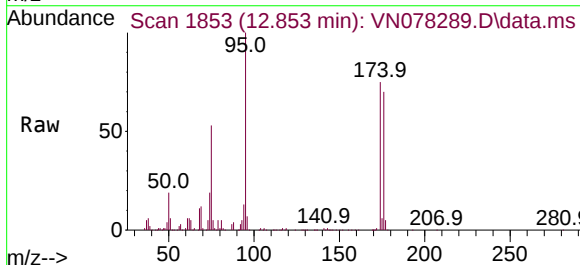
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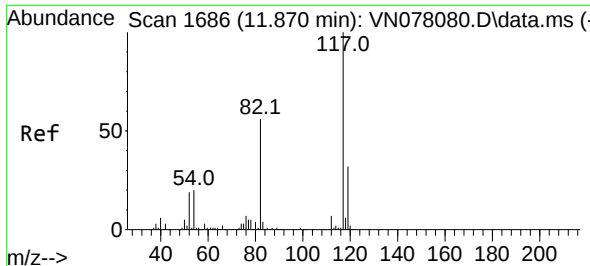
Tgt Ion: 98 Resp: 1032653
Ion Ratio Lower Upper
98 100
100 62.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.589 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078289.D
Acq: 19 Jun 2023 19:26

Tgt Ion: 95 Resp: 345738
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 70.2 0.0 135.8

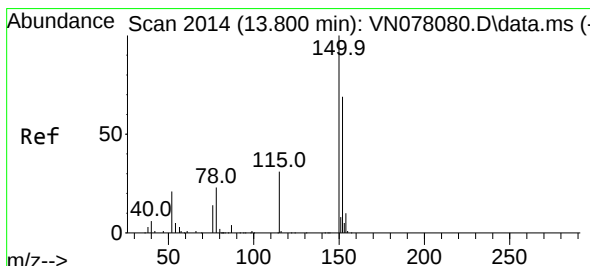
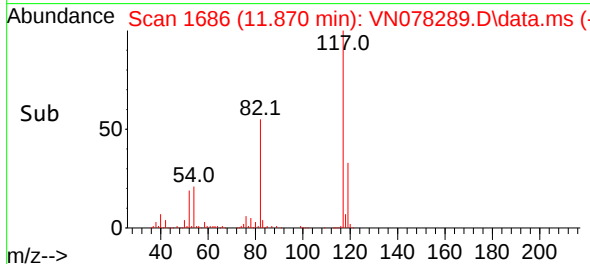
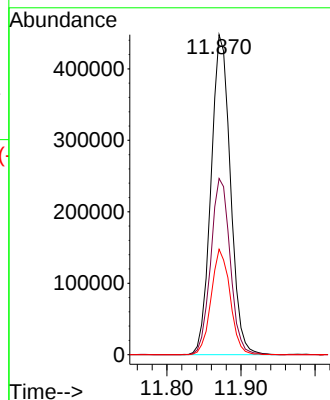
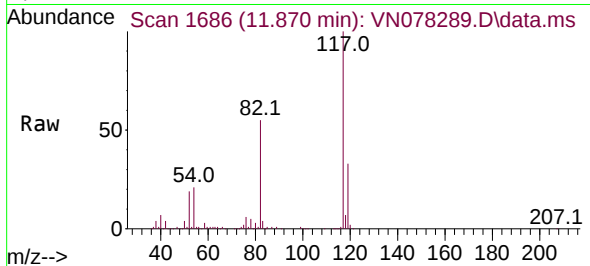




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078289.D
Acq: 19 Jun 2023 19:26

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 813327
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 33.0 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: VN078289.D
Acq: 19 Jun 2023 19:26

Tgt Ion:152 Resp: 269197
Ion Ratio Lower Upper
152 100
115 60.0 32.3 96.8
150 155.4 0.0 355.8

