

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078336.D
 Acq On : 21 Jun 2023 20:47
 Operator : JC\MD
 Sample : 03337-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15

Quant Time: Jun 22 04:56:06 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)

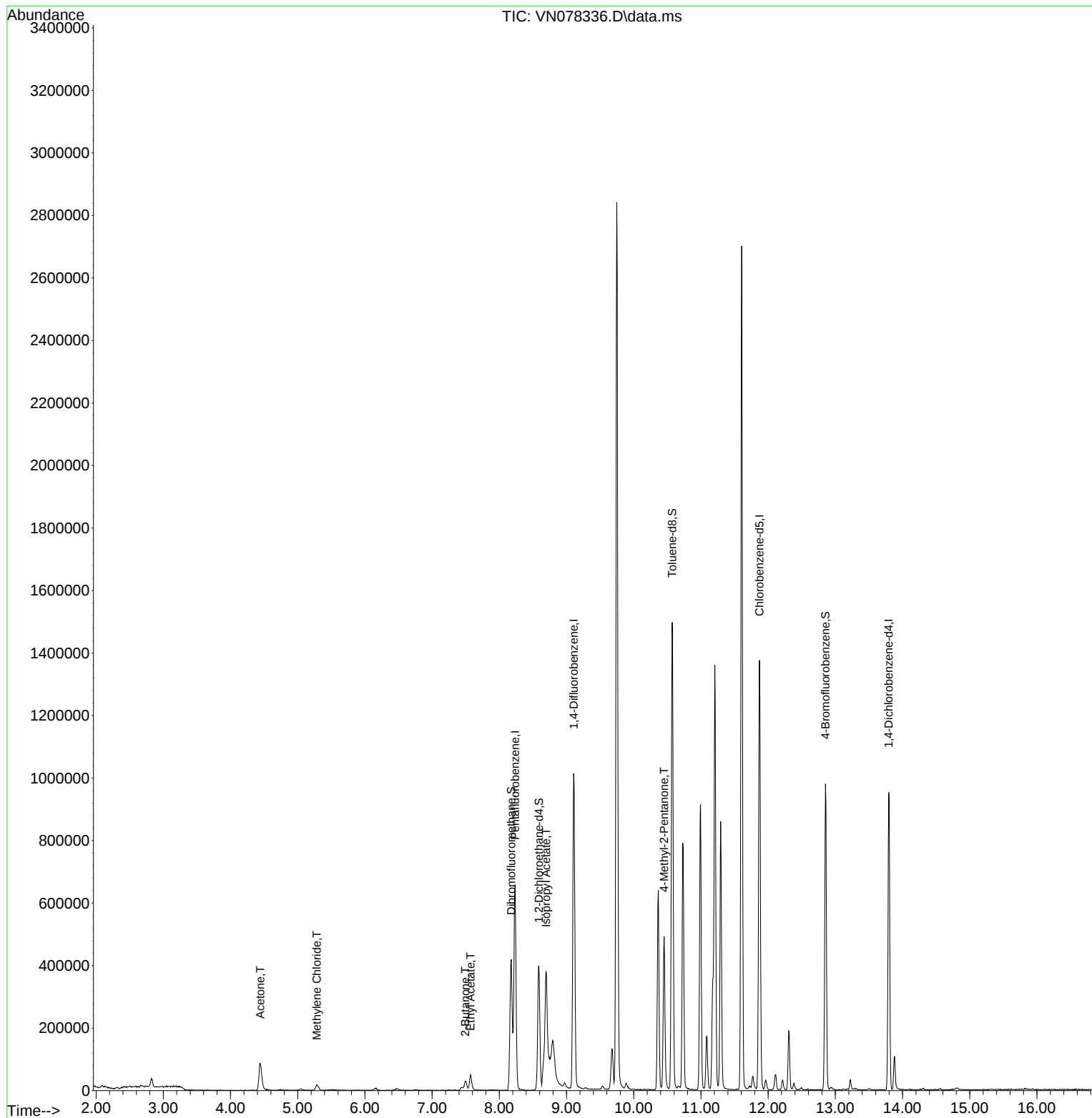
Internal Standards						
1) Pentafluorobenzene	8.236	168	468812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	906141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	835670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	266552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	325472	52.070	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.140%	
35) Dibromofluoromethane	8.177	113	307722	53.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.420%	
50) Toluene-d8	10.571	98	1074790	48.661	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.320%	
62) 4-Bromofluorobenzene	12.853	95	340676	49.615	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.220%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	165146	91.790	ug/l	96
20) Methylene Chloride	5.283	84	13099	2.203	ug/l	90
25) 2-Butanone	7.494	43	45292	16.370	ug/l	93
37) Ethyl Acetate	7.571	43	70606	10.998	ug/l	96
43) Isopropyl Acetate	8.694	43	511516	41.661	ug/l #	72
51) 4-Methyl-2-Pentanone	10.453	43	324463	50.184	ug/l	90

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

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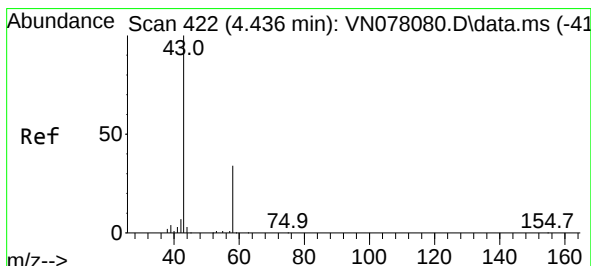
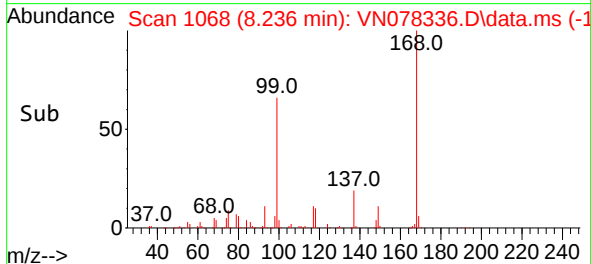
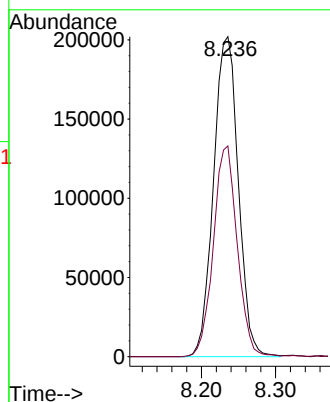
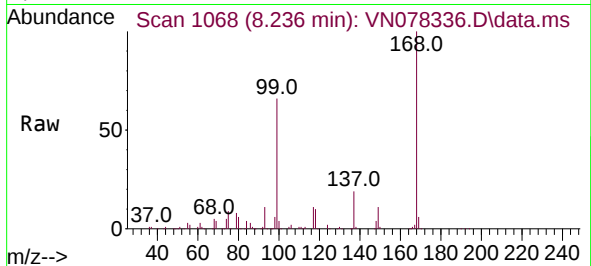




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078336.D
Acq: 21 Jun 2023 20:47

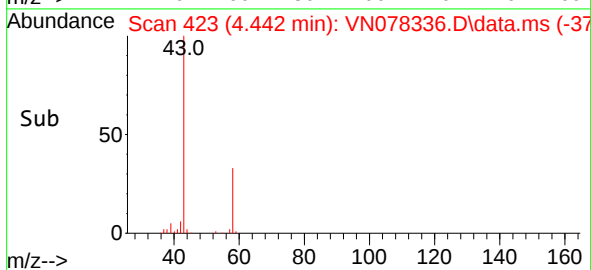
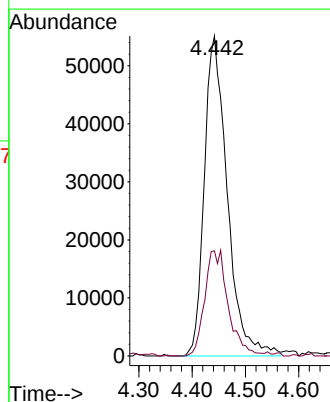
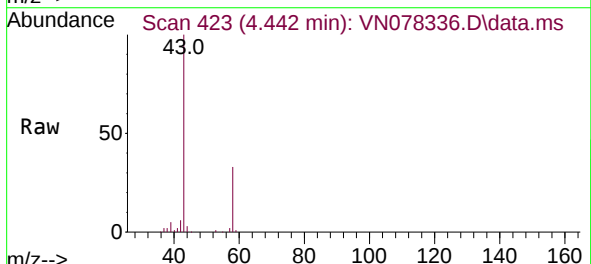
Instrument :
MSVOA_N
ClientSampleId :
WC-15

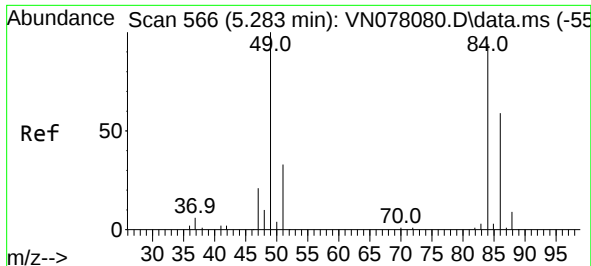
Tgt Ion:168 Resp: 468812
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#16
Acetone
Concen: 91.790 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078336.D
Acq: 21 Jun 2023 20:47

Tgt Ion: 43 Resp: 165146
Ion Ratio Lower Upper
43 100
58 32.9 28.0 42.0

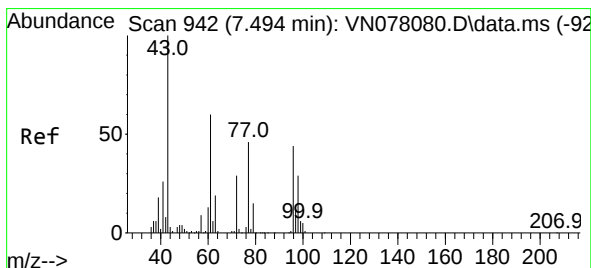
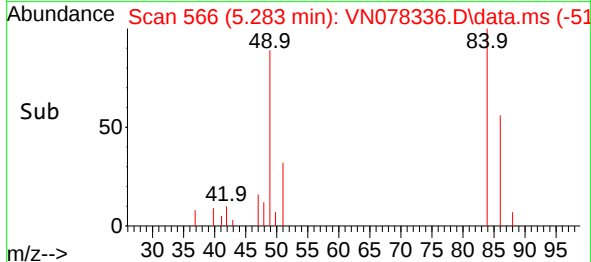
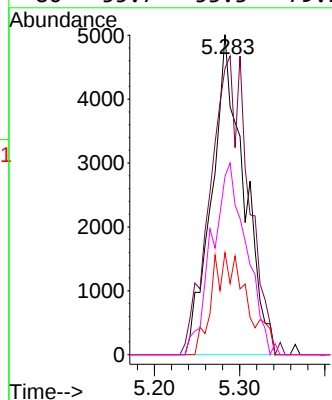
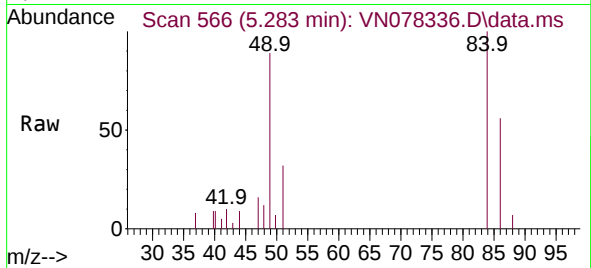




#20
Methylene Chloride
Concen: 2.203 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN078336.D
Acq: 21 Jun 2023 20:47

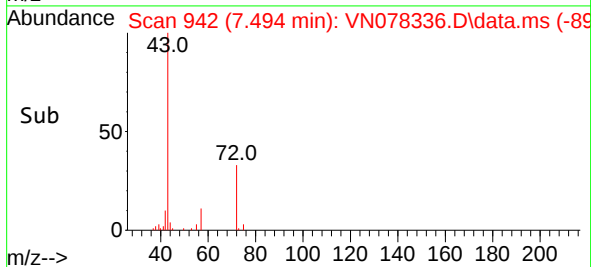
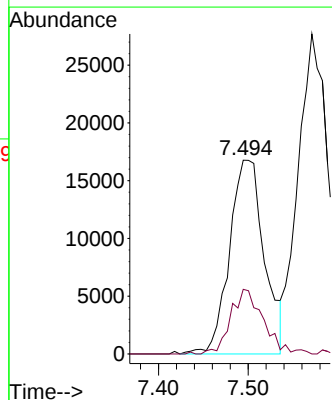
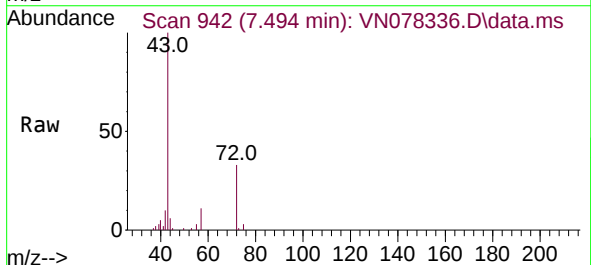
Instrument :
MSVOA_N
ClientSampleId :
WC-15

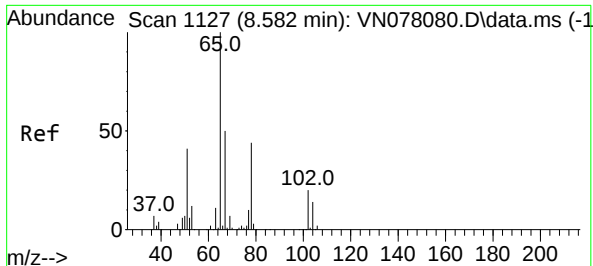
Tgt Ion: 84	Resp: 13099
Ion Ratio	Lower Upper
84 100	
49 89.5	79.7 119.5
51 31.9	25.2 37.8
86 55.7	53.3 79.9



#25
2-Butanone
Concen: 16.370 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078336.D
Acq: 21 Jun 2023 20:47

Tgt Ion: 43	Resp: 45292
Ion Ratio	Lower Upper
43 100	
72 33.3	30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 52.070 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078336.D

Acq: 21 Jun 2023 20:47

Instrument :

MSVOA_N

ClientSampleId :

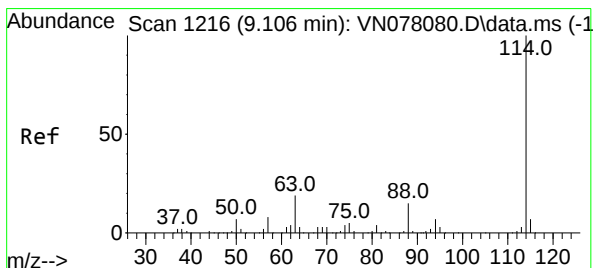
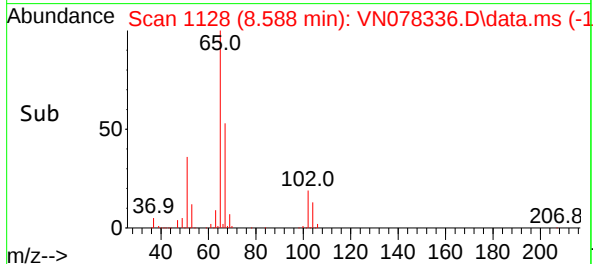
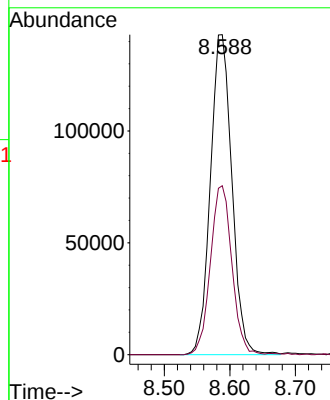
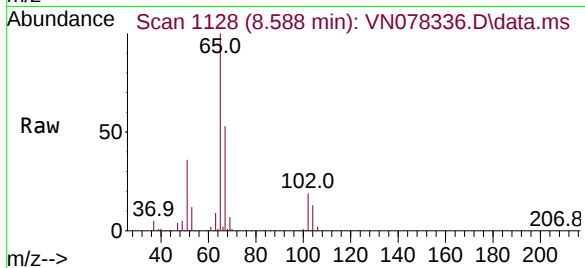
WC-15

Tgt Ion: 65 Resp: 325472

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078336.D

Acq: 21 Jun 2023 20:47

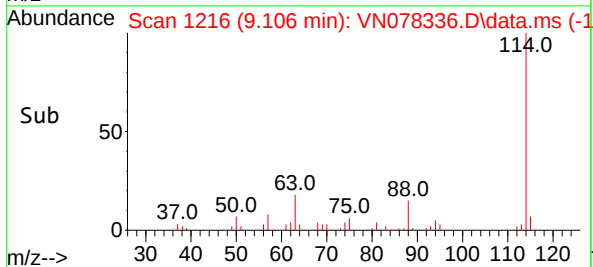
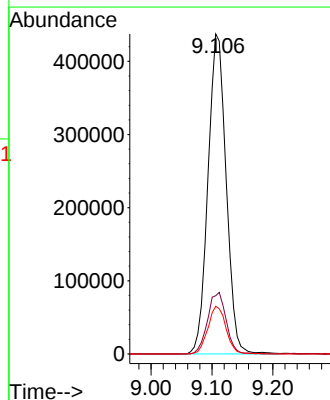
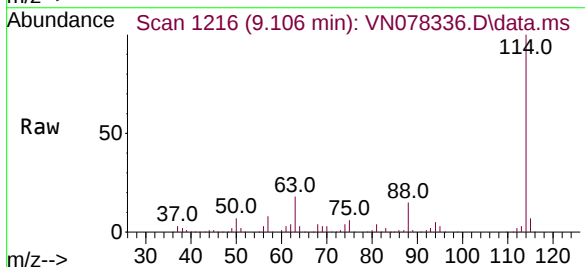
Tgt Ion: 114 Resp: 906141

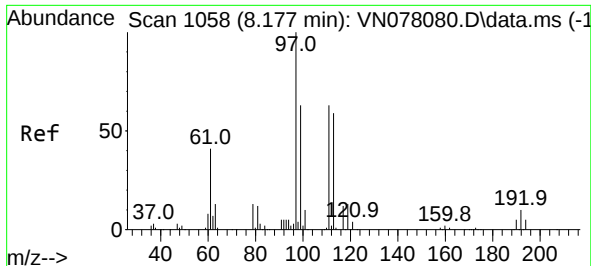
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.4

88 14.9 0.0 30.6

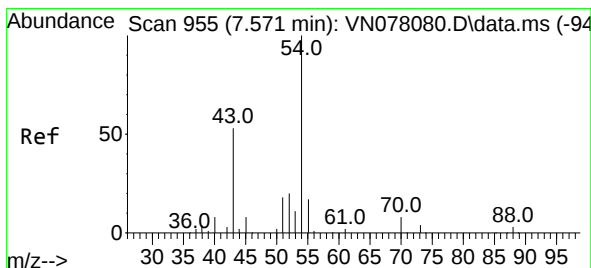
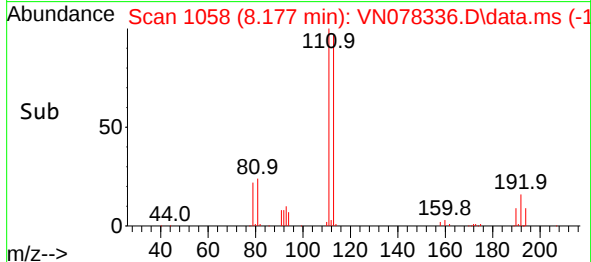
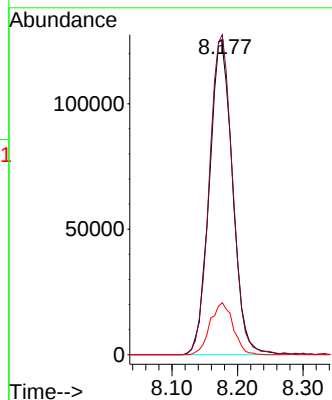
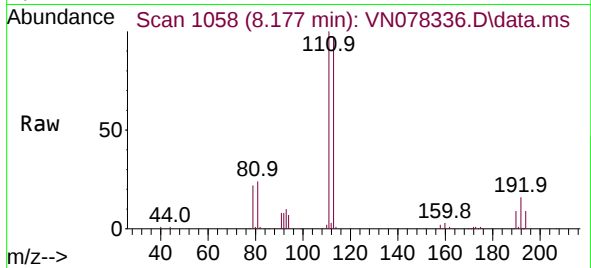




#35
 Dibromofluoromethane
 Concen: 53.709 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.000 min
 Lab File: VN078336.D
 Acq: 21 Jun 2023 20:47

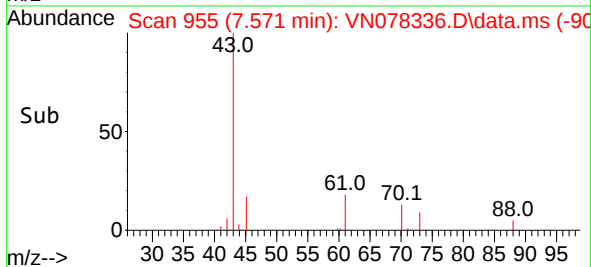
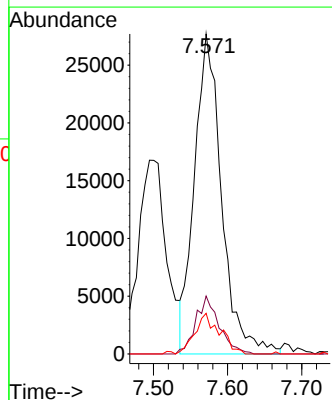
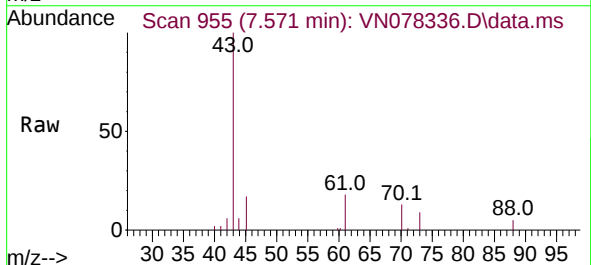
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-15

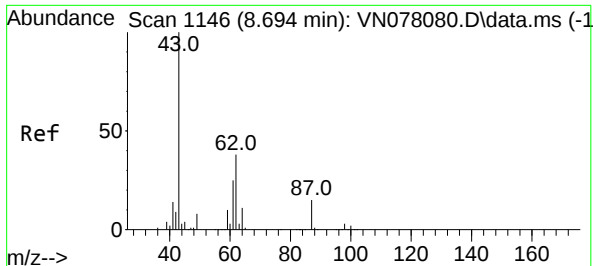
Tgt Ion:113 Resp: 307722
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.6 123.8
 192 16.4 12.7 19.1



#37
 Ethyl Acetate
 Concen: 10.998 ug/l
 RT: 7.571 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VN078336.D
 Acq: 21 Jun 2023 20:47

Tgt Ion: 43 Resp: 70606
 Ion Ratio Lower Upper
 43 100
 61 15.6 13.2 19.8
 70 11.6 11.3 16.9





#43

Isopropyl Acetate

Concen: 41.661 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078336.D

Acq: 21 Jun 2023 20:47

Instrument :

MSVOA_N

ClientSampleId :

WC-15

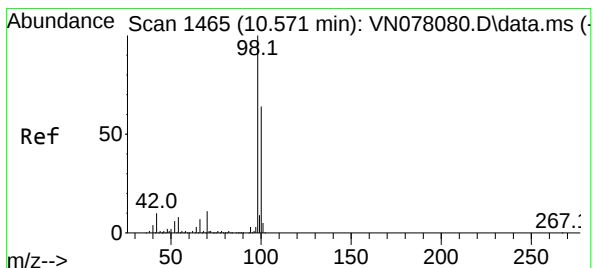
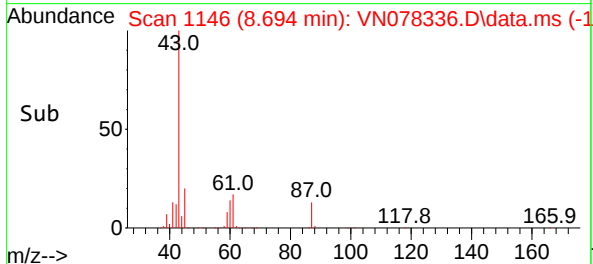
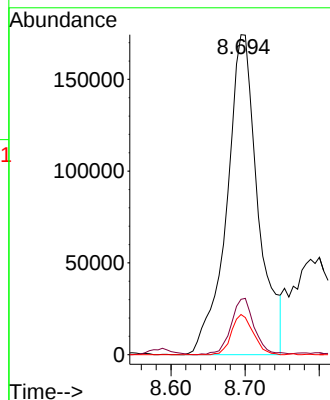
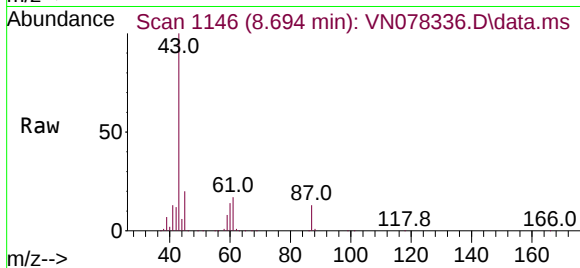
Tgt Ion: 43 Resp: 511516

Ion Ratio Lower Upper

43 100

61 13.0 24.7 37.1#

87 8.7 14.6 21.8#



#50

Toluene-d8

Concen: 48.661 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078336.D

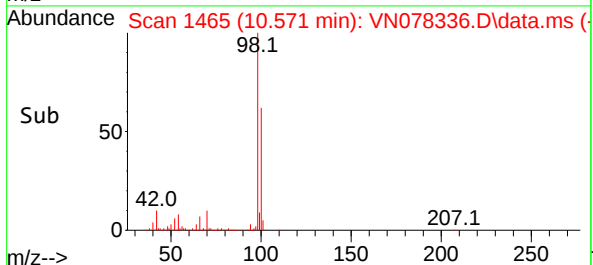
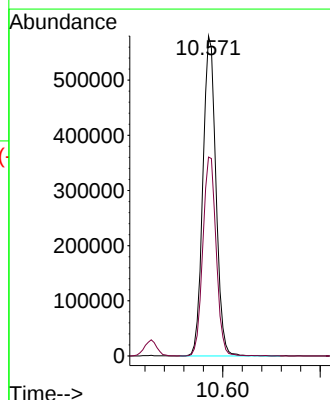
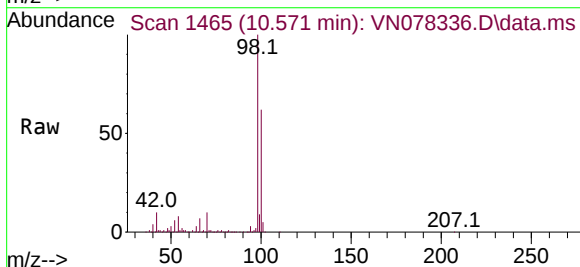
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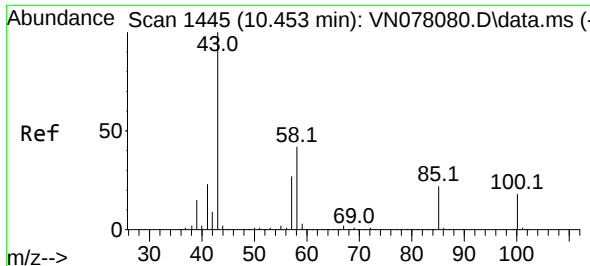
Tgt Ion: 98 Resp: 1074790

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 50.184 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VN078336.D

Acq: 21 Jun 2023 20:47

Instrument :

MSVOA_N

ClientSampleId :

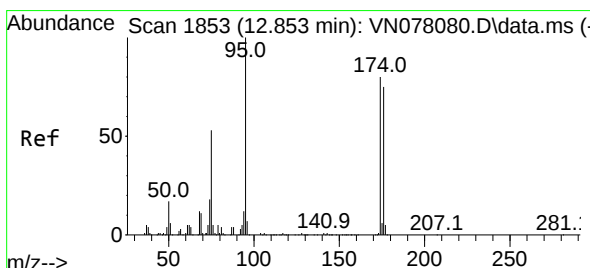
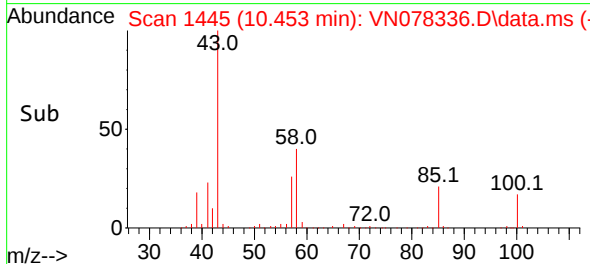
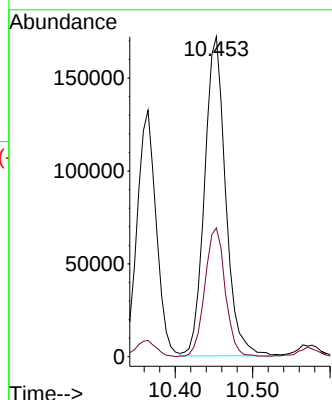
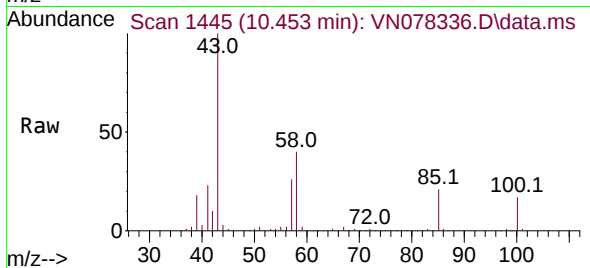
WC-15

Tgt Ion: 43 Resp: 324463

Ion Ratio Lower Upper

43 100

58 39.1 36.6 54.8



#62

4-Bromofluorobenzene

Concen: 49.615 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078336.D

Acq: 21 Jun 2023 20:47

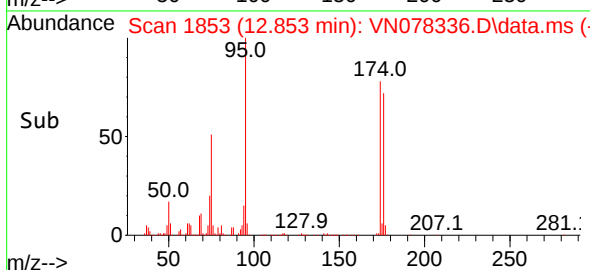
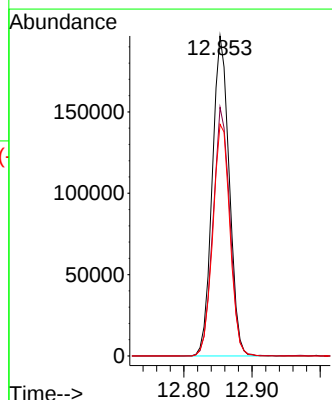
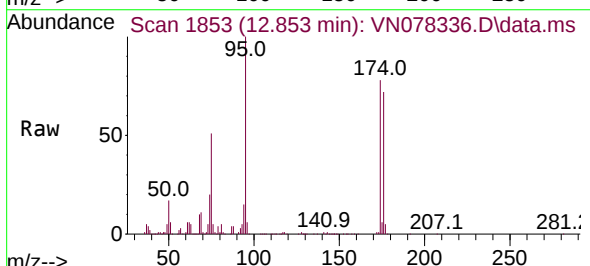
Tgt Ion: 95 Resp: 340676

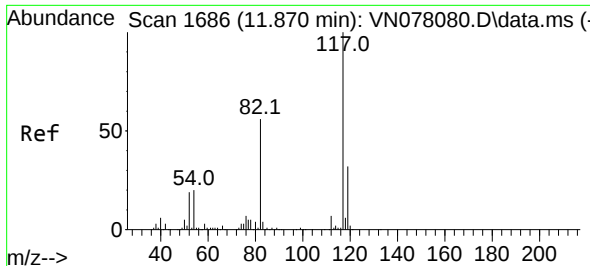
Ion Ratio Lower Upper

95 100

174 77.0 0.0 143.8

176 73.1 0.0 135.8

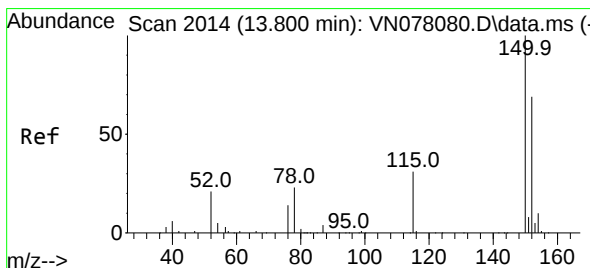
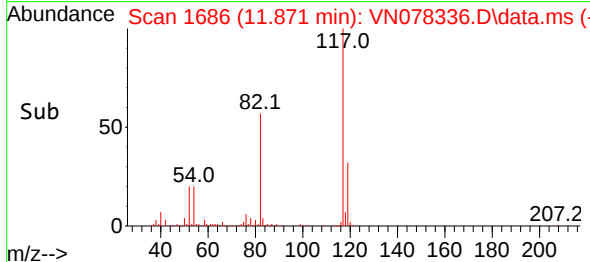
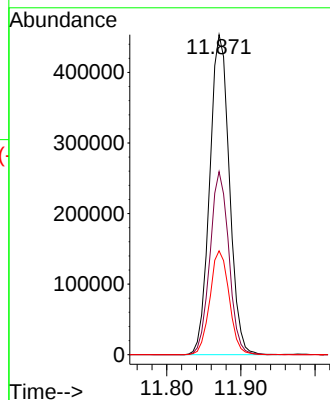
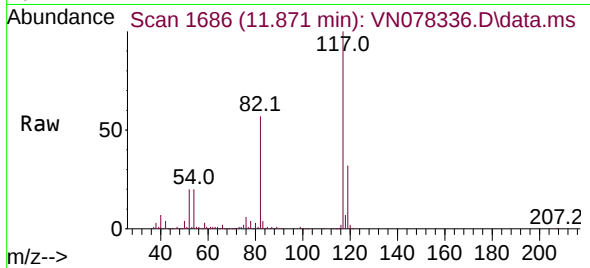




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078336.D
Acq: 21 Jun 2023 20:47

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 835670
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078336.D
Acq: 21 Jun 2023 20:47

Tgt Ion:152 Resp: 266552
Ion Ratio Lower Upper
152 100
115 60.2 32.3 96.8
150 156.1 0.0 355.8

