

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078357.D
 Acq On : 22 Jun 2023 18:04
 Operator : JC\MD
 Sample : 03360-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CE-88N-062023

Quant Time: Jun 23 08:03:47 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)

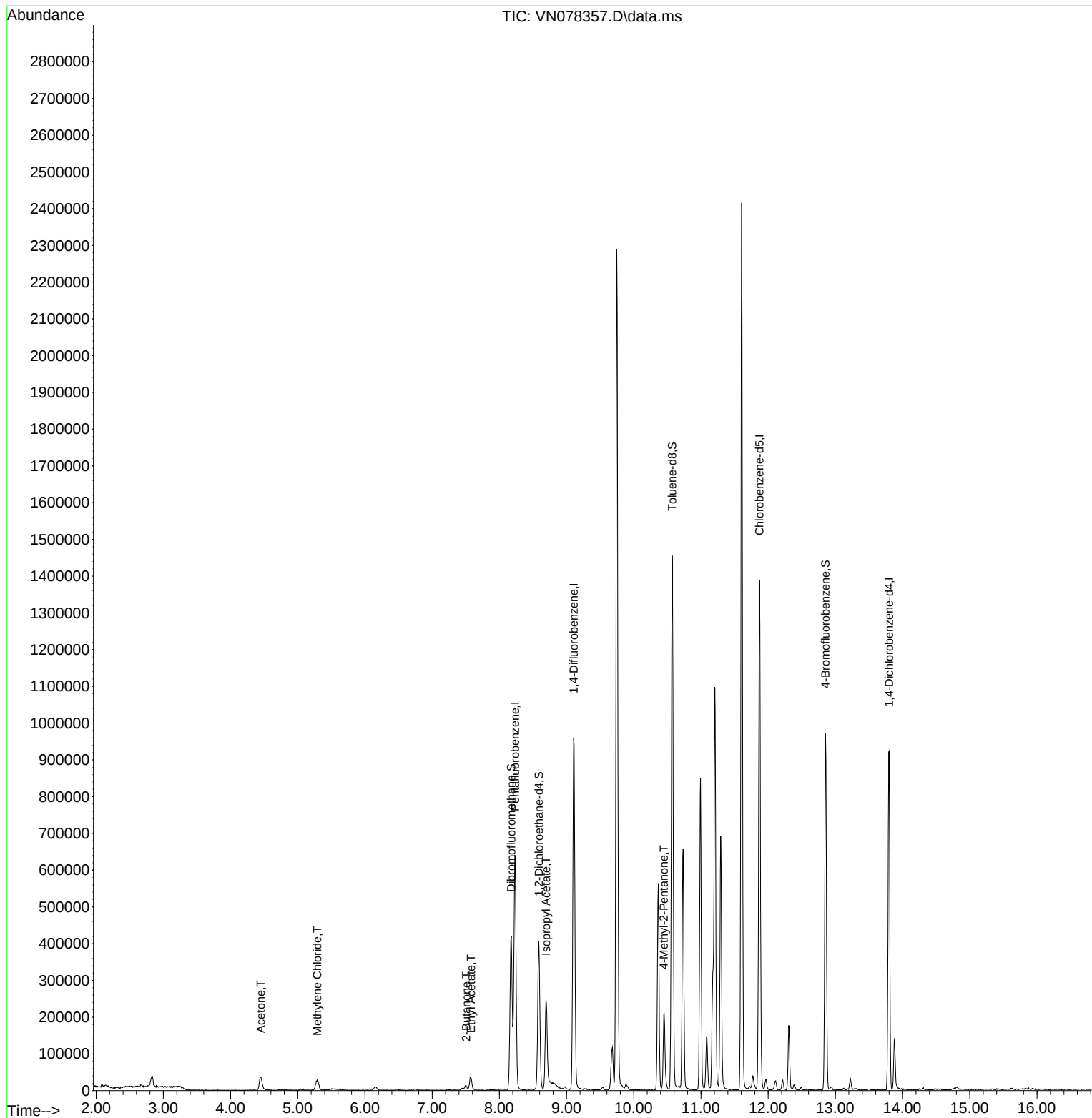
Internal Standards						
1) Pentafluorobenzene	8.235	168	465916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	872501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	823142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	262757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	328869	52.940	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.880%	
35) Dibromofluoromethane	8.177	113	303182	54.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.920%	
50) Toluene-d8	10.571	98	1036848	48.753	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	12.853	95	341480	51.649	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	68682	38.411	ug/l #	79
20) Methylene Chloride	5.289	84	22863	3.869	ug/l #	89
25) 2-Butanone	7.506	43	19164	6.970	ug/l #	70
37) Ethyl Acetate	7.577	43	53902	8.720	ug/l	97
43) Isopropyl Acetate	8.694	43	282754	23.917	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	147007	23.614	ug/l	87

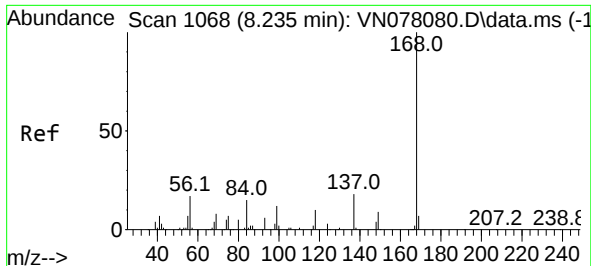
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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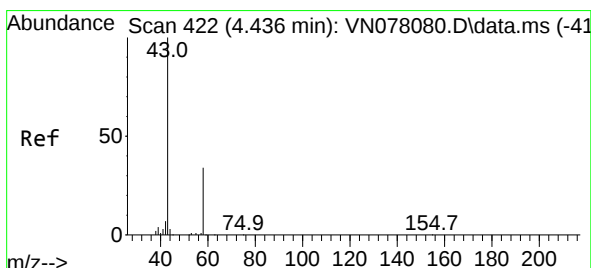
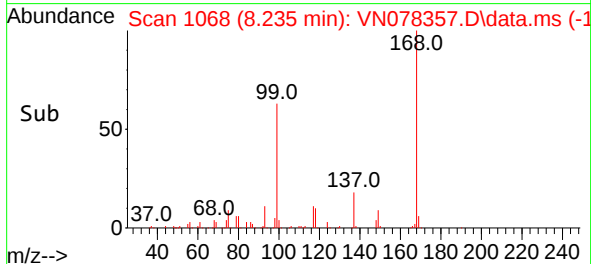
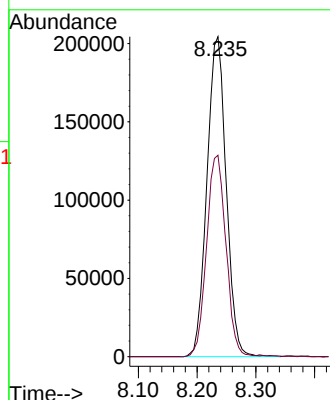
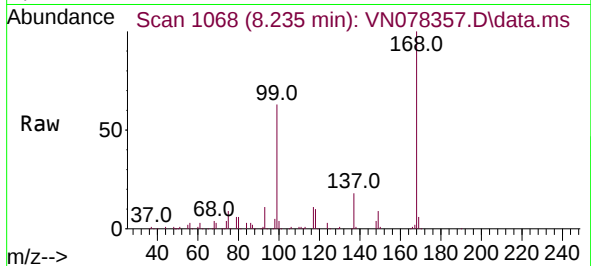




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078357.D
Acq: 22 Jun 2023 18:04

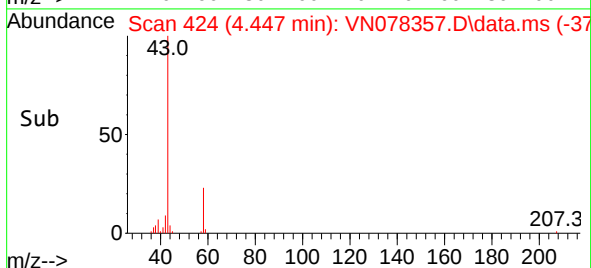
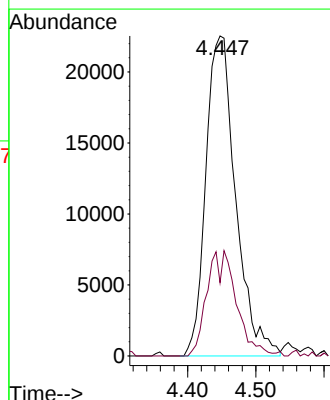
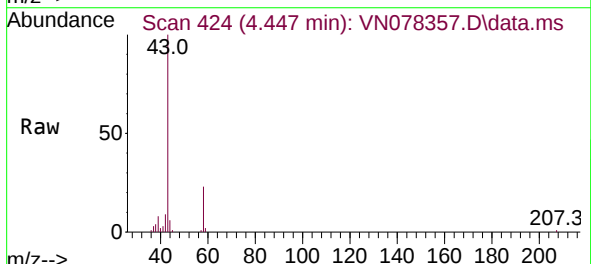
Instrument :
MSVOA_N
ClientSampleId :
CE-88N-062023

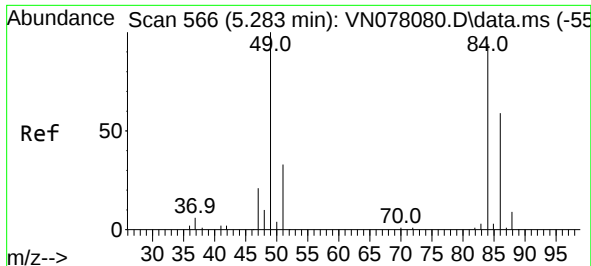
Tgt Ion:168 Resp: 465916
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#16
Acetone
Concen: 38.411 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078357.D
Acq: 22 Jun 2023 18:04

Tgt Ion: 43 Resp: 68682
Ion Ratio Lower Upper
43 100
58 22.9 28.0 42.0#

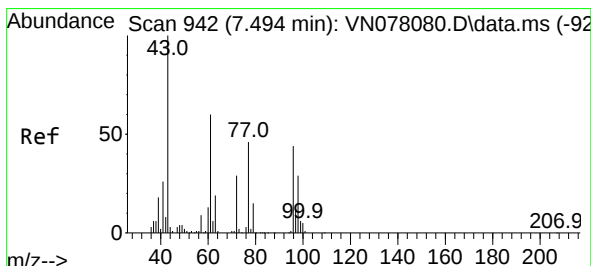
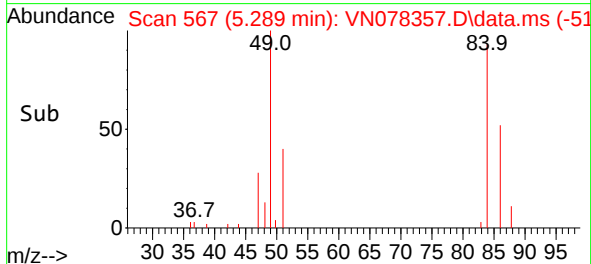
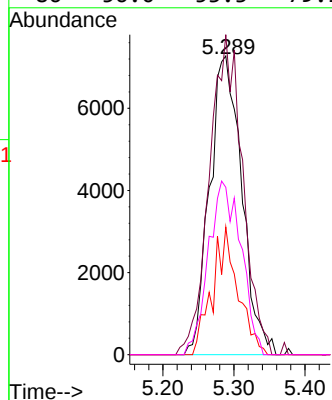
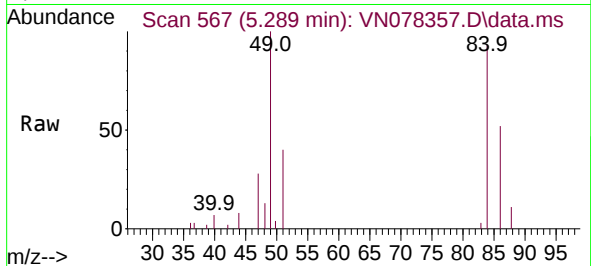




#20
Methylene Chloride
Concen: 3.869 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078357.D
Acq: 22 Jun 2023 18:04

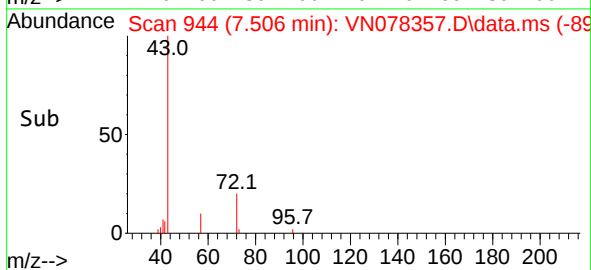
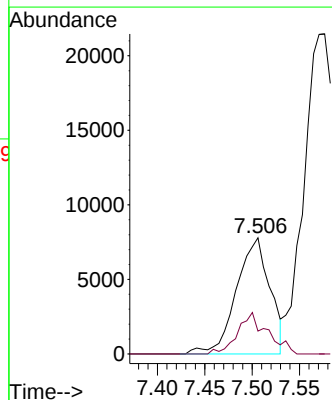
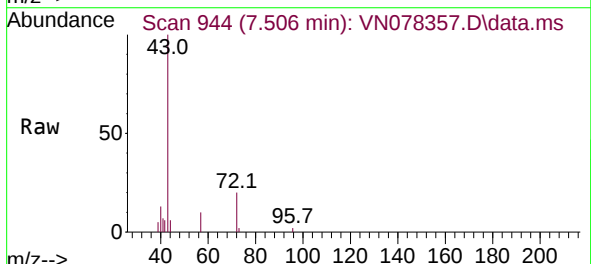
Instrument :
MSVOA_N
ClientSampleId :
CE-88N-062023

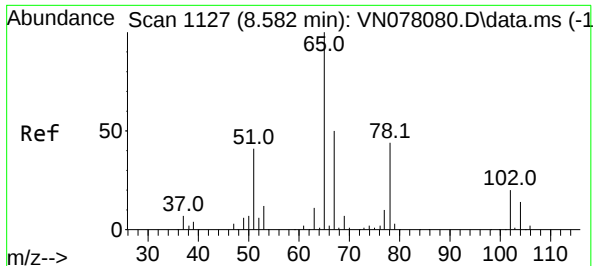
Tgt Ion:	84	Resp:	22863
Ion	Ratio	Lower	Upper
84	100		
49	107.1	79.7	119.5
51	42.8	25.2	37.8#
86	56.0	53.3	79.9



#25
2-Butanone
Concen: 6.970 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078357.D
Acq: 22 Jun 2023 18:04

Tgt Ion:	43	Resp:	19164
Ion	Ratio	Lower	Upper
43	100		
72	19.7	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 52.940 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078357.D

Acq: 22 Jun 2023 18:04

Instrument :

MSVOA_N

ClientSampleId :

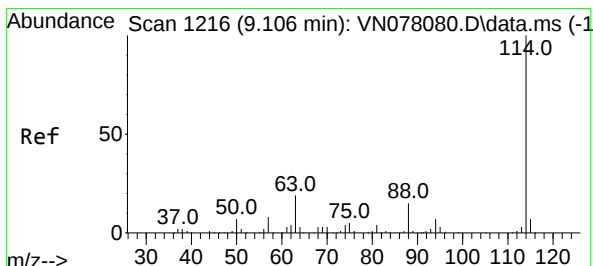
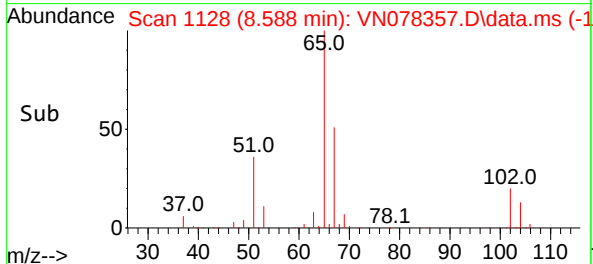
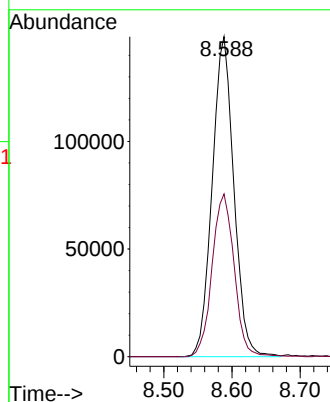
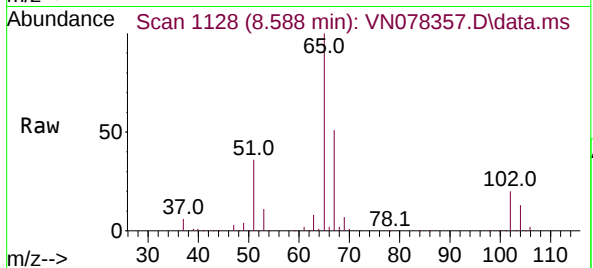
CE-88N-062023

Tgt Ion: 65 Resp: 328869

Ion Ratio Lower Upper

65 100

67 51.8 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: VN078357.D

Acq: 22 Jun 2023 18:04

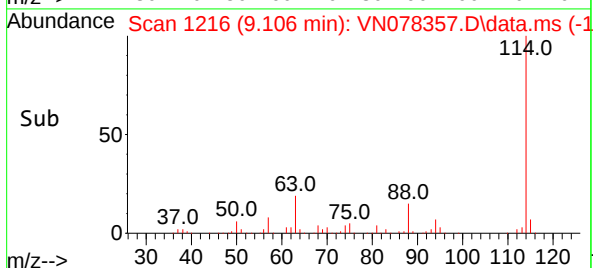
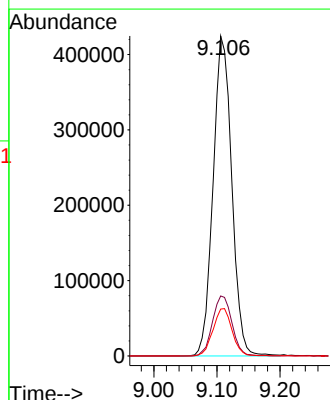
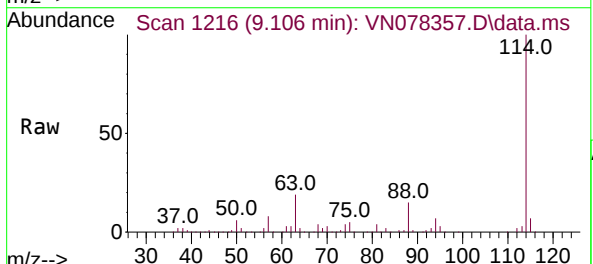
Tgt Ion: 114 Resp: 872501

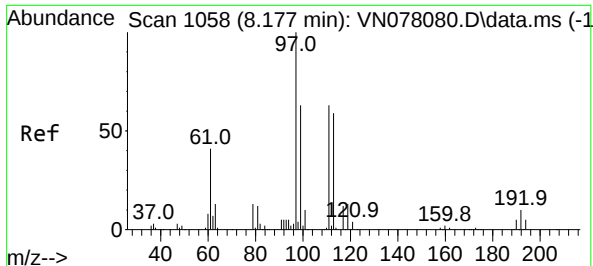
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.4

88 14.6 0.0 30.6

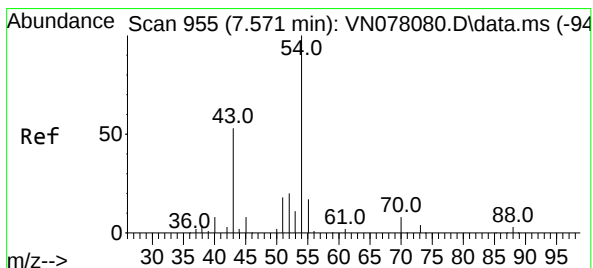
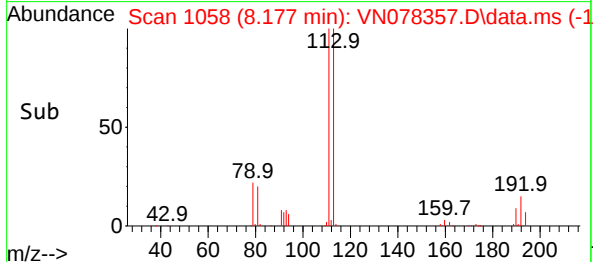
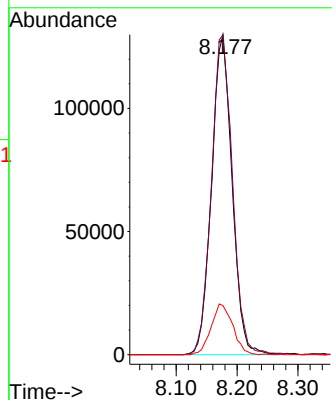
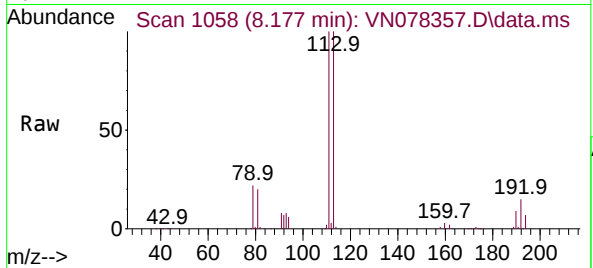




#35
Dibromofluoromethane
Concen: 54.957 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078357.D
Acq: 22 Jun 2023 18:04

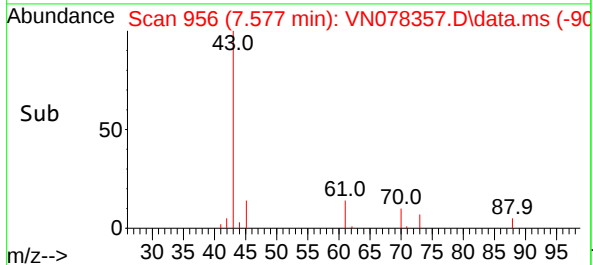
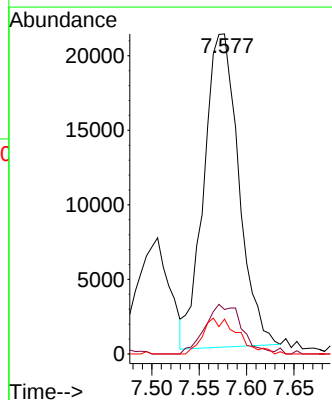
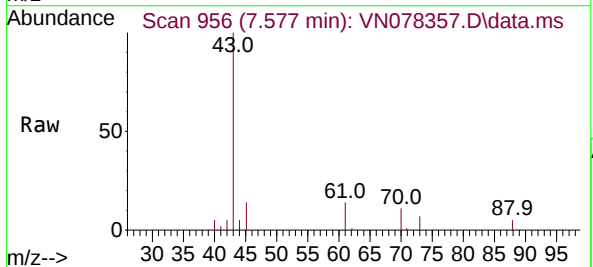
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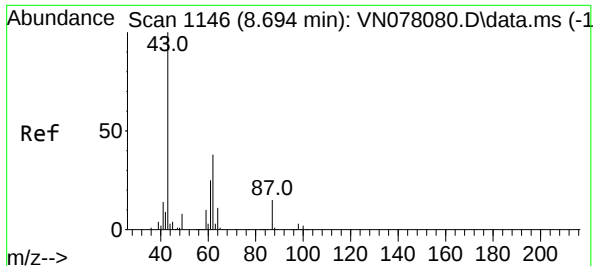
Tgt Ion:113 Resp: 303182
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 16.7 12.7 19.1



#37
Ethyl Acetate
Concen: 8.720 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078357.D
Acq: 22 Jun 2023 18:04

Tgt Ion: 43 Resp: 53902
Ion Ratio Lower Upper
43 100
61 16.9 13.2 19.8
70 11.4 11.3 16.9

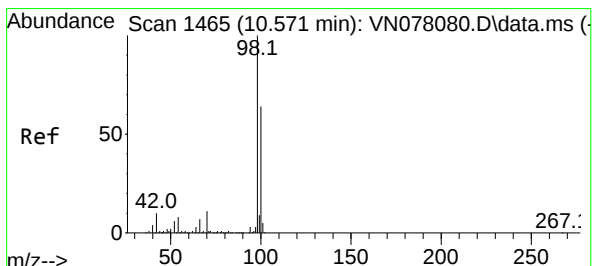
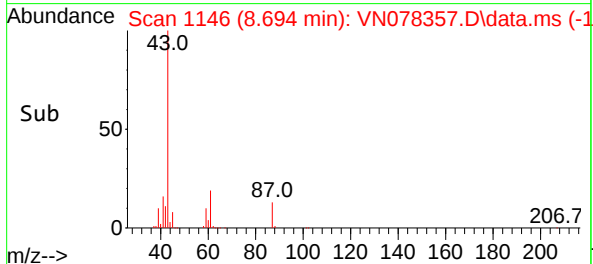
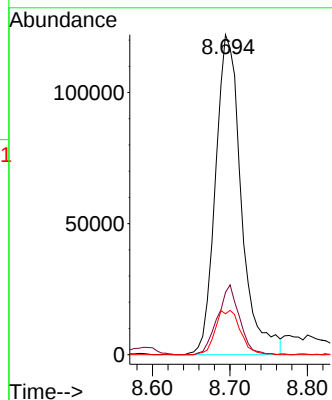
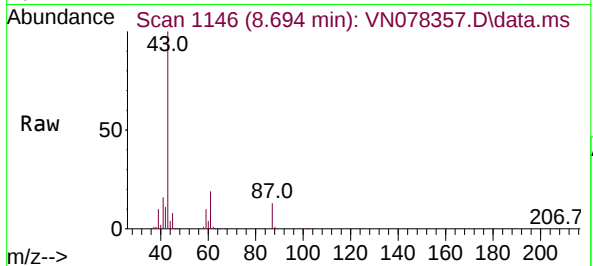




#43
Isopropyl Acetate
Concen: 23.917 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078357.D
Acq: 22 Jun 2023 18:04

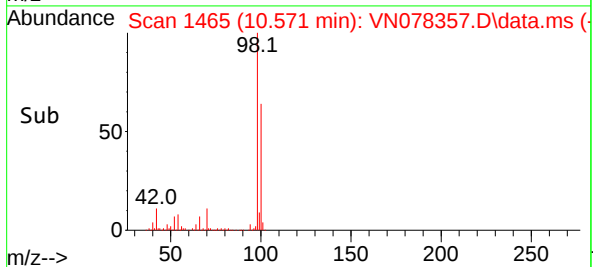
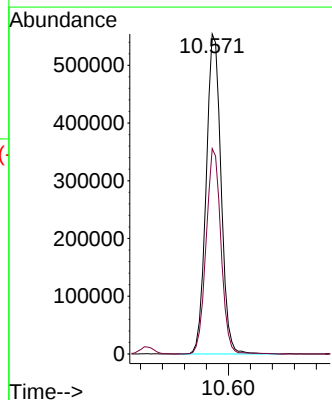
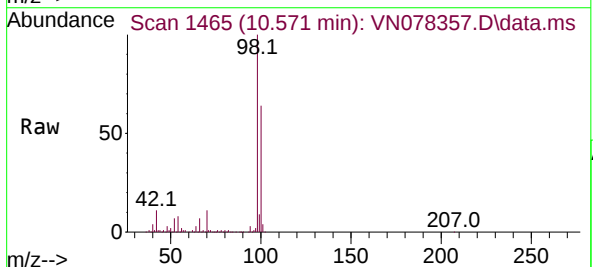
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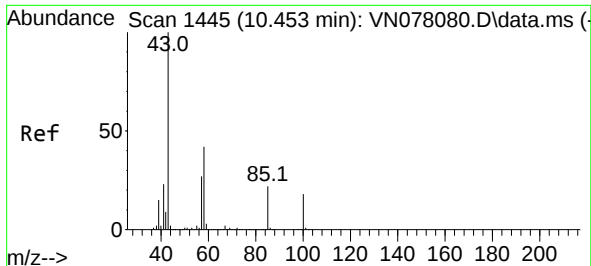
Tgt Ion: 43 Resp: 282754
Ion Ratio Lower Upper
43 100
61 18.6 24.7 37.1#
87 13.5 14.6 21.8#



#50
Toluene-d8
Concen: 48.753 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078357.D
Acq: 22 Jun 2023 18:04

Tgt Ion: 98 Resp: 1036848
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

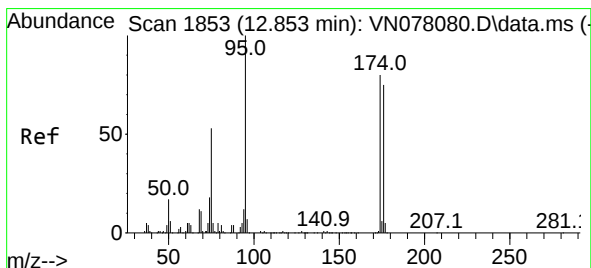
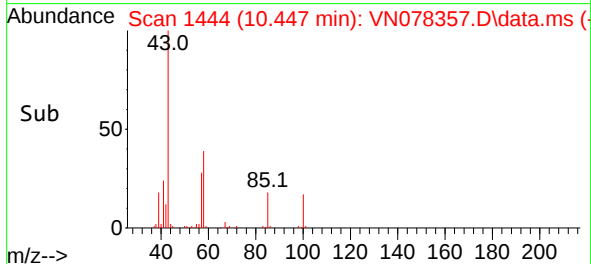
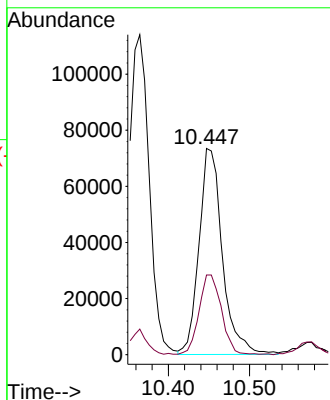
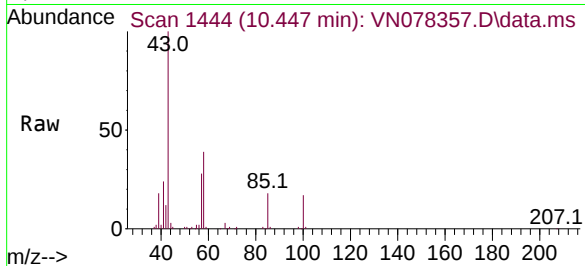




#51
4-Methyl-2-Pentanone
Concen: 23.614 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078357.D
Acq: 22 Jun 2023 18:04

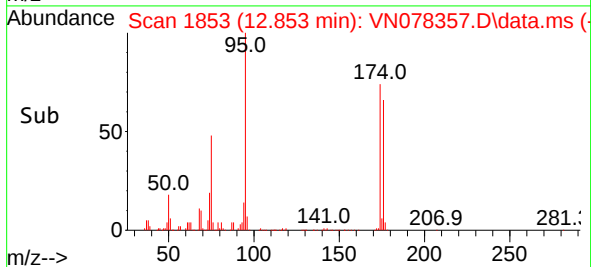
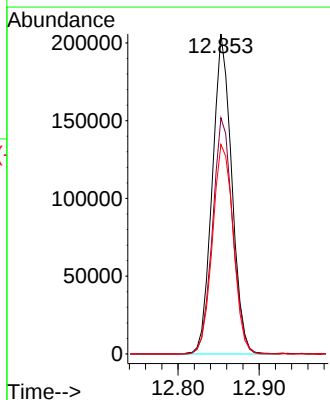
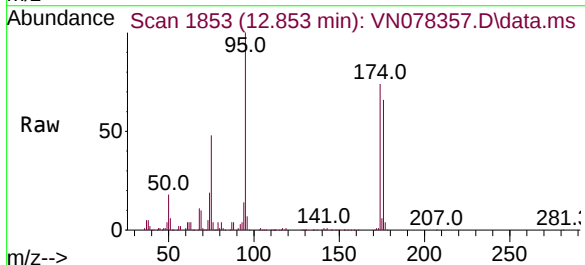
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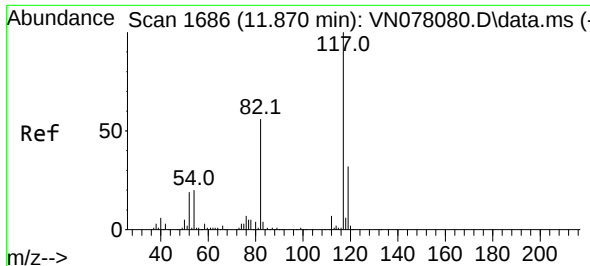
Tgt Ion: 43 Resp: 147007
Ion Ratio Lower Upper
43 100
58 37.3 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 51.649 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078357.D
Acq: 22 Jun 2023 18:04

Tgt Ion: 95 Resp: 341480
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 70.1 0.0 135.8

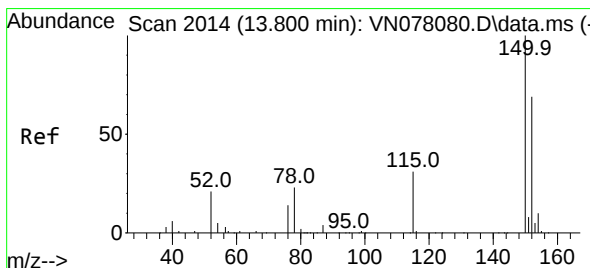
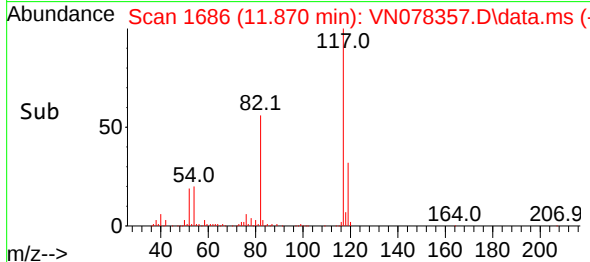
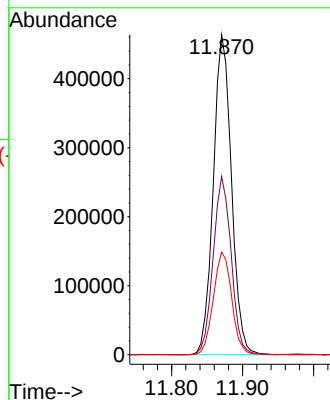
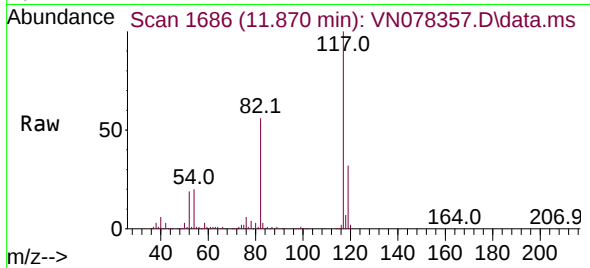




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078357.D
Acq: 22 Jun 2023 18:04

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 823142
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 32.1 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: VN078357.D
Acq: 22 Jun 2023 18:04

Tgt Ion:152 Resp: 262757
Ion Ratio Lower Upper
152 100
115 59.4 32.3 96.8
150 154.8 0.0 355.8

