

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078988.D
 Acq On : 22 Aug 2023 12:46
 Operator : JC\MD
 Sample : PB154968ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154968ZHE#03

Quant Time: Aug 23 03:00:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

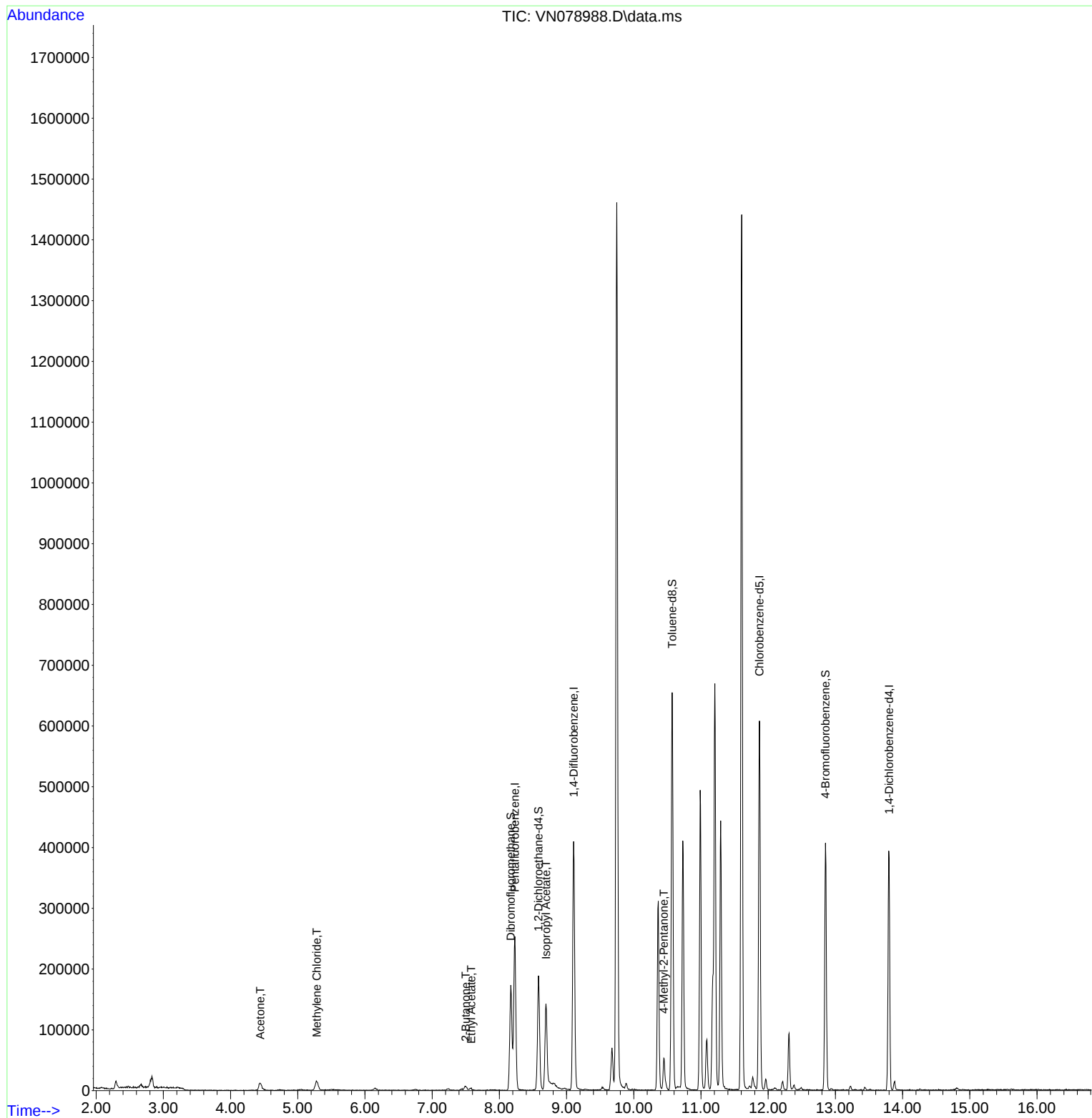
Internal Standards						
1) Pentafluorobenzene	8.230	168	175931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	335797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	100297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	144162	52.659	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.320%			
35) Dibromofluoromethane	8.171	113	118553	51.735	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.480%			
50) Toluene-d8	10.571	98	432248	50.801	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.600%			
62) 4-Bromofluorobenzene	12.853	95	132168	47.523	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.040%			
Target Compounds					Qvalue	
16) Acetone	4.442	43	24399	21.600	ug/l #	78
20) Methylene Chloride	5.283	84	11227	4.664	ug/l #	86
25) 2-Butanone	7.500	43	10966	6.055	ug/l #	62
37) Ethyl Acetate	7.583	43	5147	1.335	ug/l #	86
43) Isopropyl Acetate	8.694	43	177062	25.974	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	39746	9.831	ug/l #	85

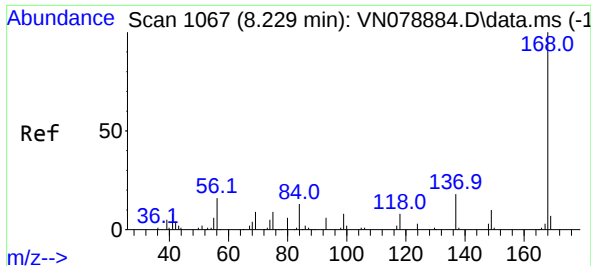
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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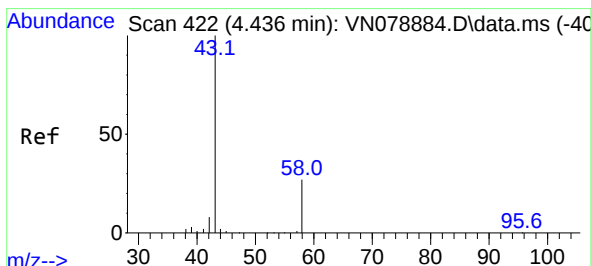
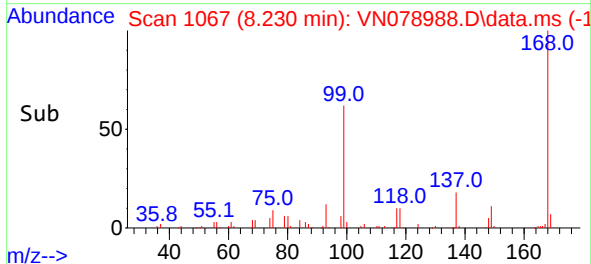
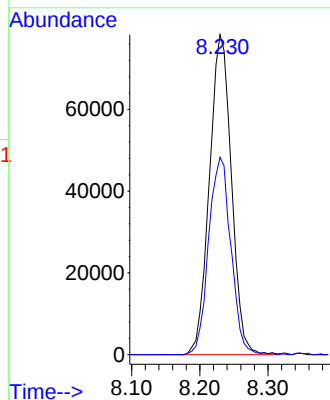
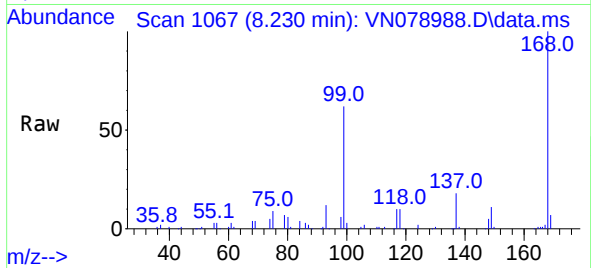




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078988.D
Acq: 22 Aug 2023 12:46

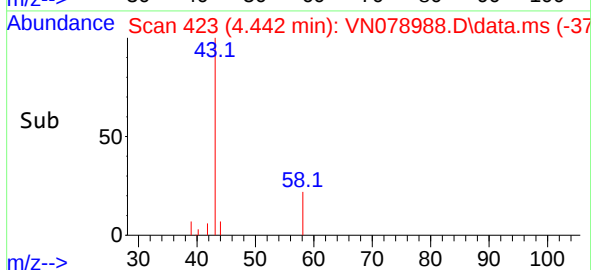
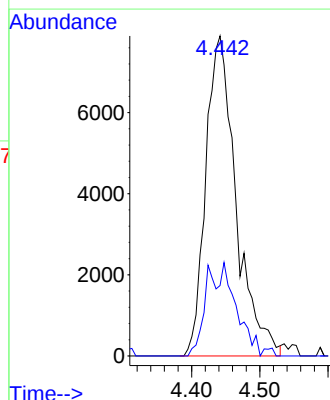
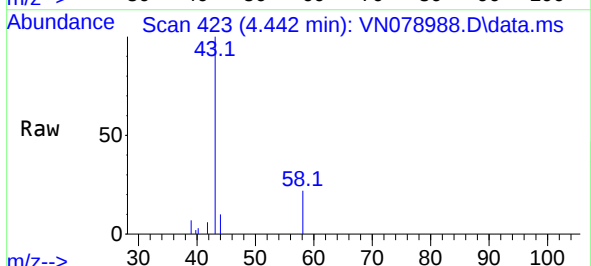
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#03

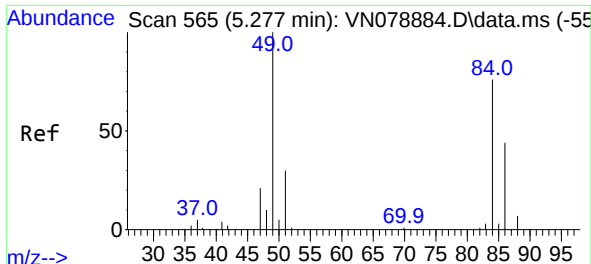
Tgt Ion:168 Resp: 175931
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#16
Acetone
Concen: 21.600 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078988.D
Acq: 22 Aug 2023 12:46

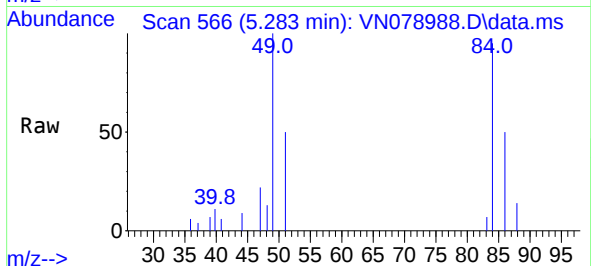
Tgt Ion: 43 Resp: 24399
Ion Ratio Lower Upper
43 100
58 22.0 28.0 42.0#





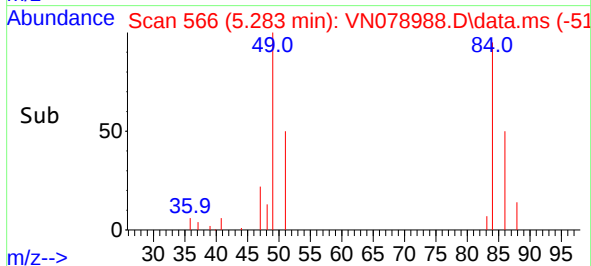
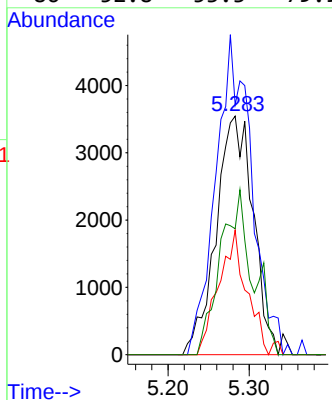
#20
Methylene Chloride
Concen: 4.664 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078988.D
Acq: 22 Aug 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#03



Tgt Ion: 84 Resp: 11227

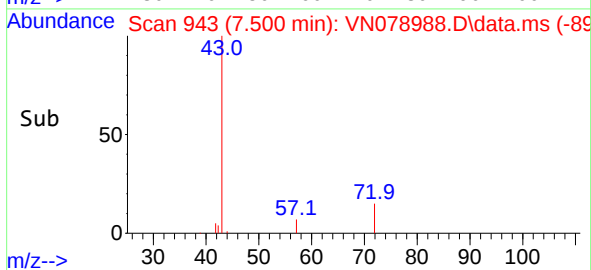
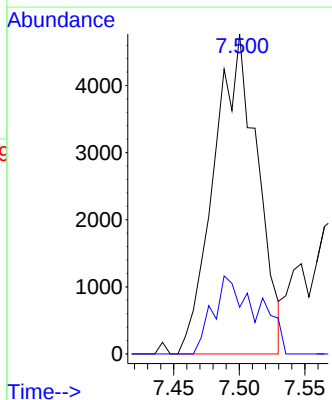
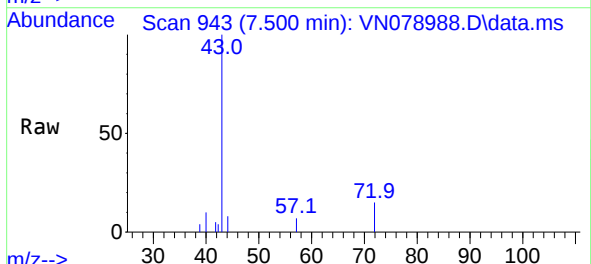
Ion	Ratio	Lower	Upper
84	100		
49	104.8	79.7	119.5
51	52.3	25.2	37.8#
86	52.8	53.3	79.9#

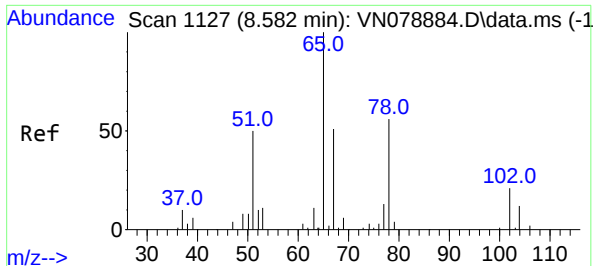


#25
2-Butanone
Concen: 6.055 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078988.D
Acq: 22 Aug 2023 12:46

Tgt Ion: 43 Resp: 10966

Ion	Ratio	Lower	Upper
43	100		
72	14.6	30.2	45.2#

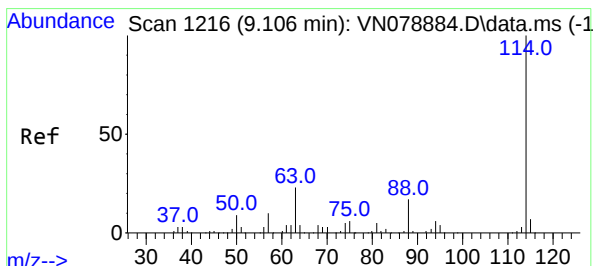
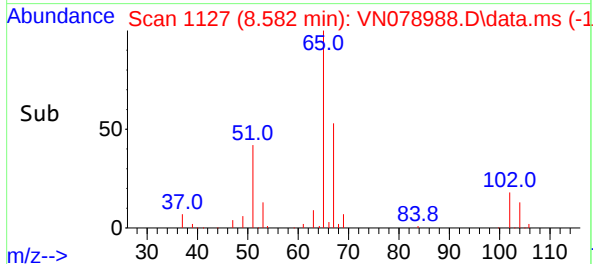
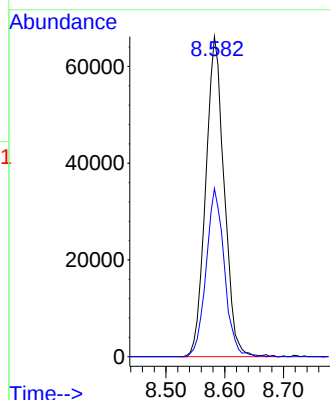
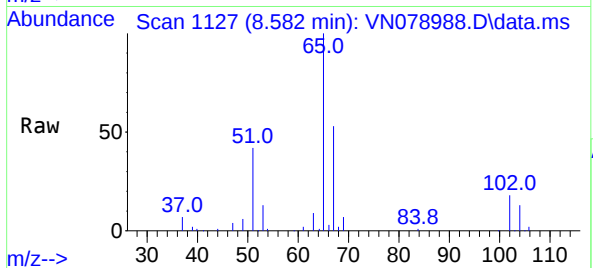




#33
1,2-Dichloroethane-d4
Concen: 52.659 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078988.D
Acq: 22 Aug 2023 12:46

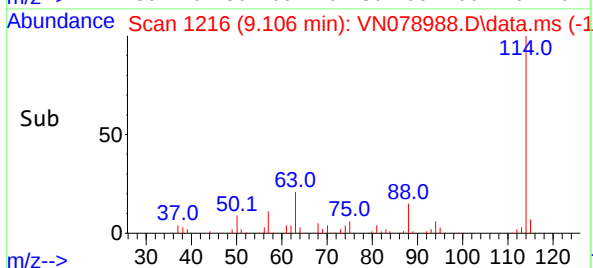
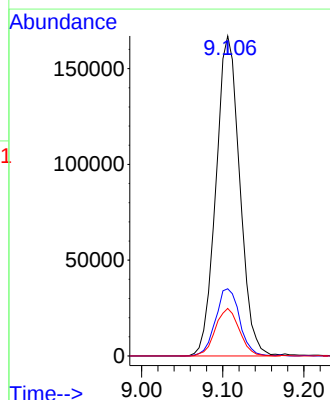
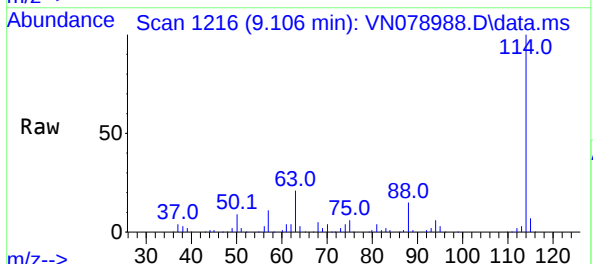
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#03

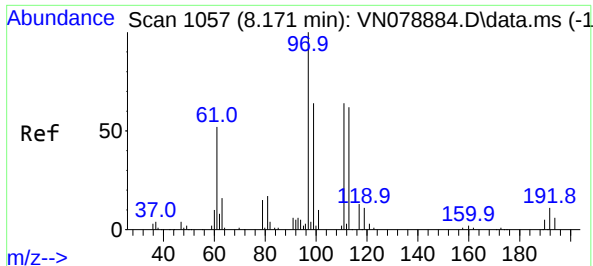
Tgt Ion: 65 Resp: 144162
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078988.D
Acq: 22 Aug 2023 12:46

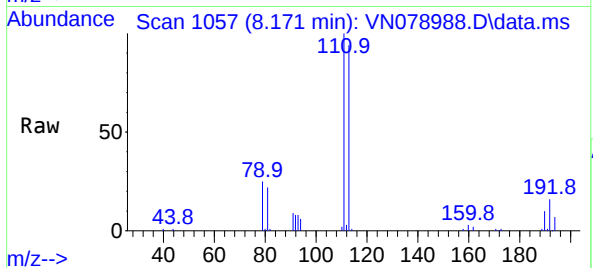
Tgt Ion: 114 Resp: 340419
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 14.9 0.0 30.6



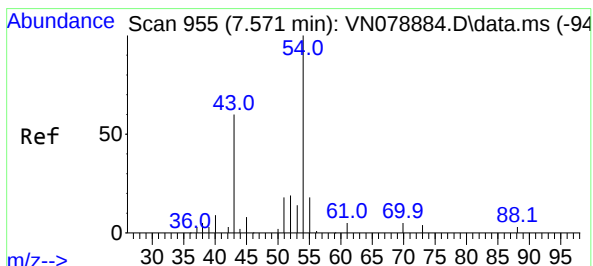
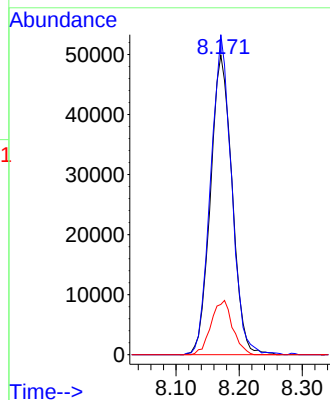
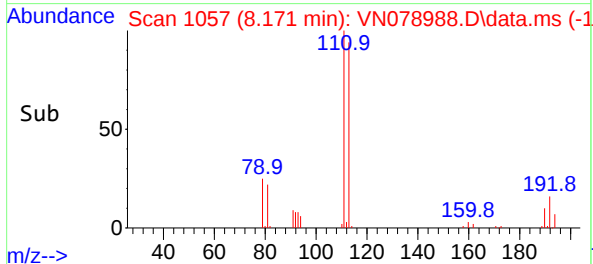


#35
Dibromofluoromethane
Concen: 51.735 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078988.D
Acq: 22 Aug 2023 12:46

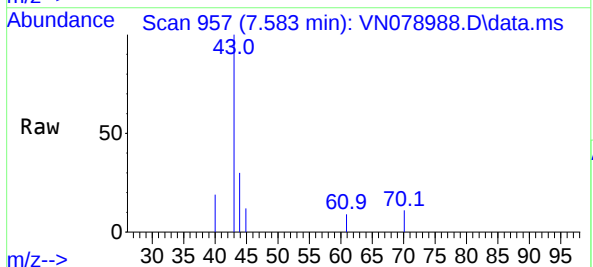
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#03



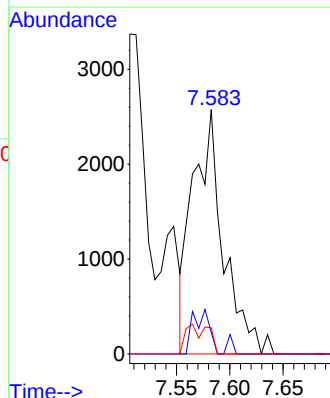
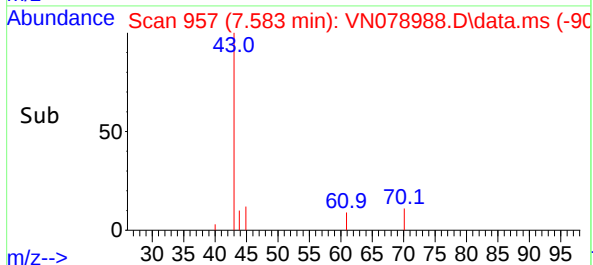
Tgt Ion:113 Resp: 118553
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 18.0 12.7 19.1

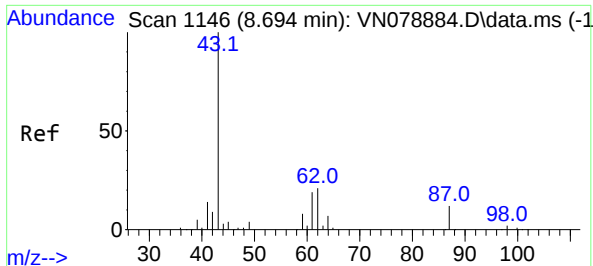


#37
Ethyl Acetate
Concen: 1.335 ug/l
RT: 7.583 min Scan# 957
Delta R.T. 0.012 min
Lab File: VN078988.D
Acq: 22 Aug 2023 12:46



Tgt Ion: 43 Resp: 5147
Ion Ratio Lower Upper
43 100
61 9.7 13.2 19.8#
70 9.0 11.3 16.9#

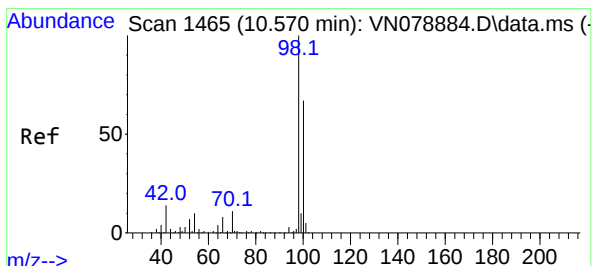
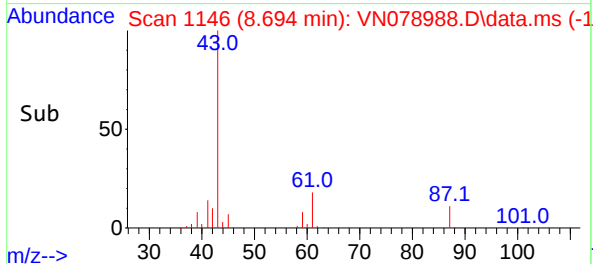
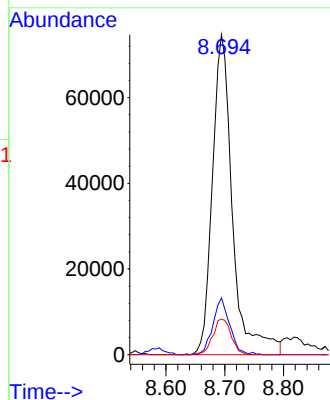
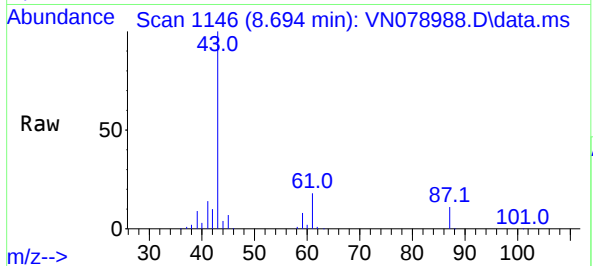




#43
Isopropyl Acetate
Concen: 25.974 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078988.D
Acq: 22 Aug 2023 12:46

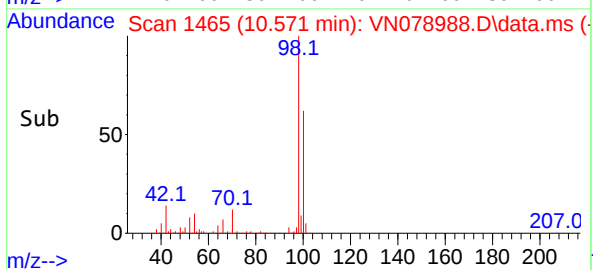
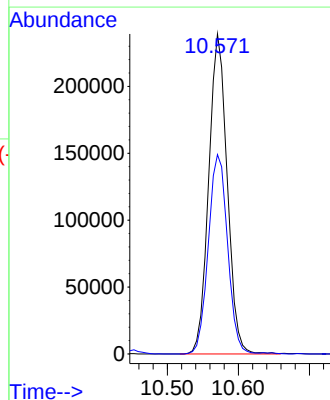
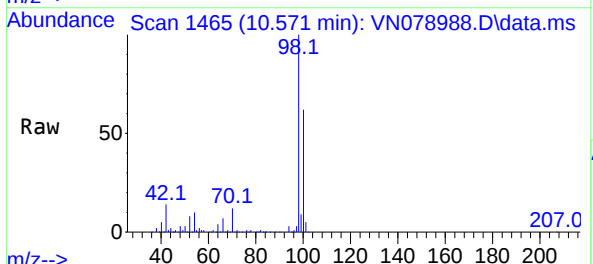
Instrument :
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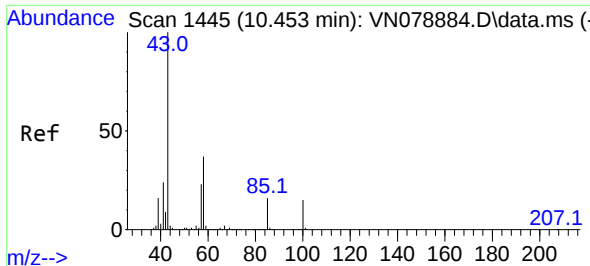
Tgt Ion: 43 Resp: 177062
Ion Ratio Lower Upper
43 100
61 14.7 24.7 37.1#
87 10.1 14.6 21.8#



#50
Toluene-d8
Concen: 50.801 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078988.D
Acq: 22 Aug 2023 12:46

Tgt Ion: 98 Resp: 432248
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 9.831 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN078988.D

Acq: 22 Aug 2023 12:46

Instrument :

MSVOA_N

ClientSampleId :

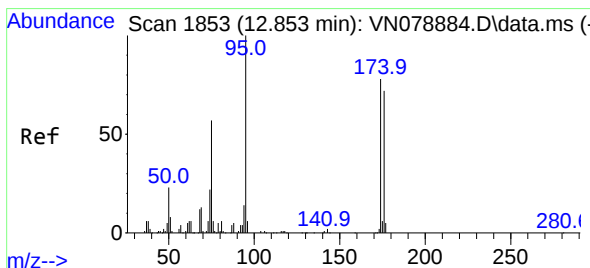
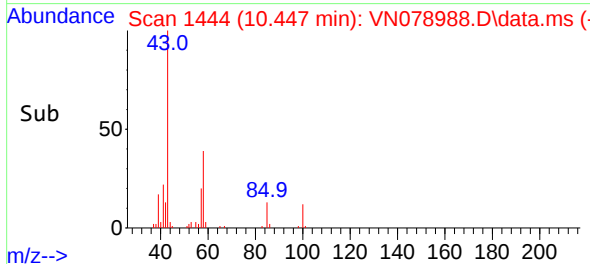
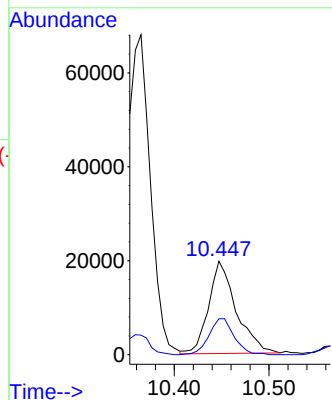
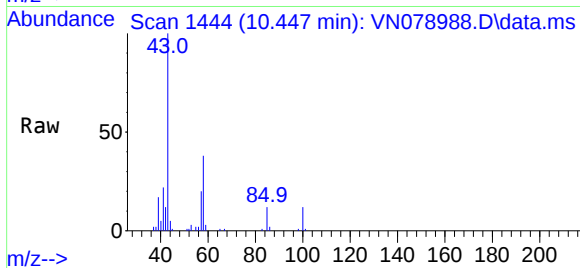
PB154968ZHE#03

Tgt Ion: 43 Resp: 39746

Ion Ratio Lower Upper

43 100

58 35.6 36.6 54.8#



#62

4-Bromofluorobenzene

Concen: 47.523 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN078988.D

Acq: 22 Aug 2023 12:46

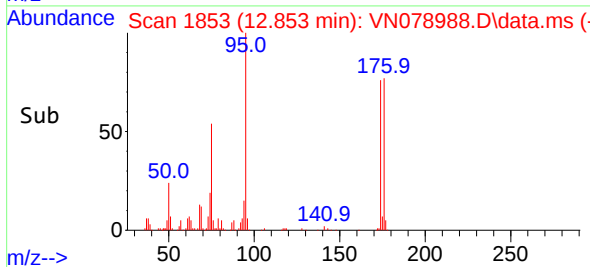
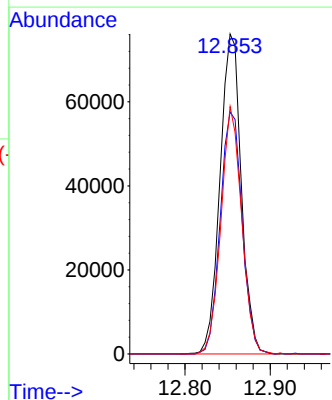
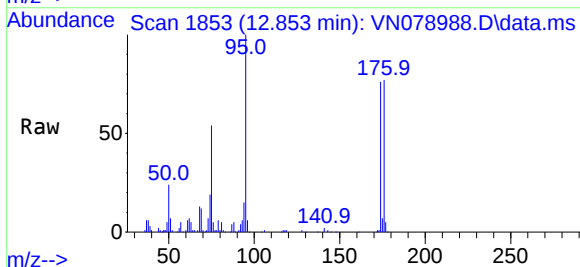
Tgt Ion: 95 Resp: 132168

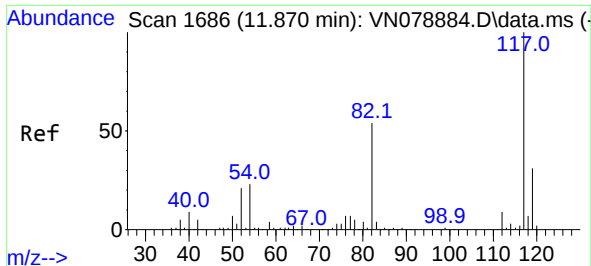
Ion Ratio Lower Upper

95 100

174 78.0 0.0 143.8

176 75.4 0.0 135.8

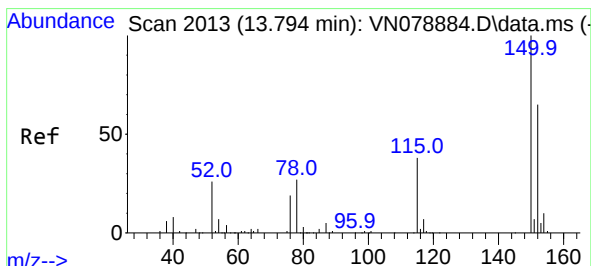
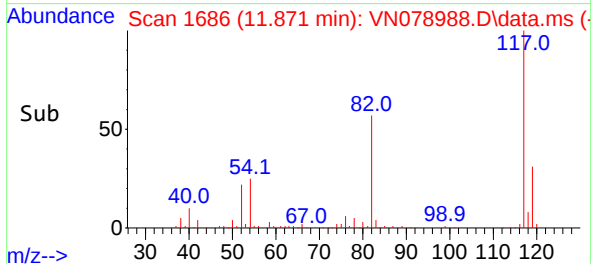
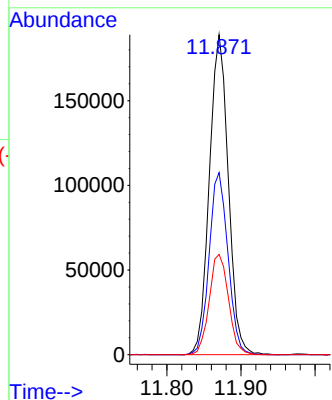
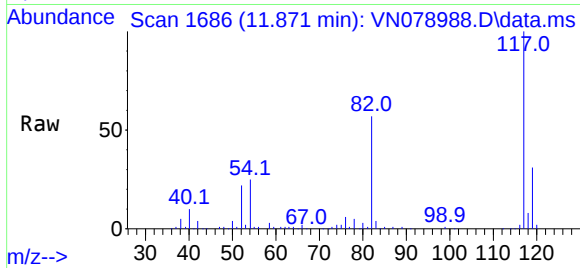




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN078988.D
Acq: 22 Aug 2023 12:46

Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#03

Tgt Ion:117 Resp: 335797
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN078988.D
Acq: 22 Aug 2023 12:46

Tgt Ion:152 Resp: 100297
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 158.9 0.0 355.8

