

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078991.D
 Acq On : 22 Aug 2023 13:59
 Operator : JC\MD
 Sample : PB154968ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154968ZHE#06

Quant Time: Aug 23 03:02:09 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)

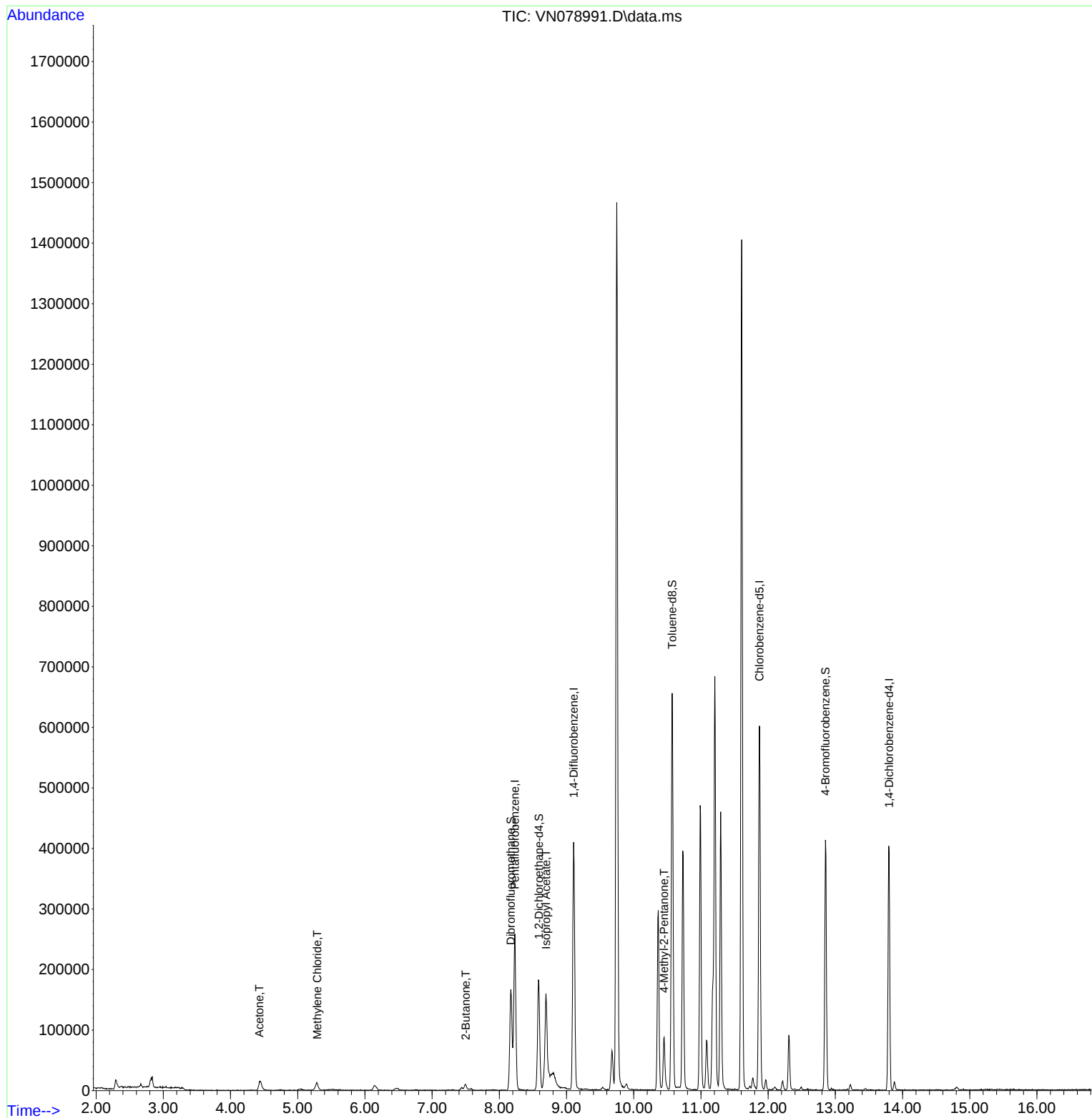
Internal Standards						
1) Pentafluorobenzene	8.230	168	176568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	338571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	337304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	105576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	145600	52.993	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.980%	
35) Dibromofluoromethane	8.171	113	117000	51.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.680%	
50) Toluene-d8	10.571	98	440563	52.061	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.120%	
62) 4-Bromofluorobenzene	12.853	95	136257	49.261	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	28601	25.228	ug/l	89
20) Methylene Chloride	5.289	84	8293	3.433	ug/l #	81
25) 2-Butanone	7.500	43	15430	8.489	ug/l #	71
43) Isopropyl Acetate	8.694	43	195465	28.831	ug/l #	74
51) 4-Methyl-2-Pentanone	10.453	43	65030	16.172	ug/l #	81

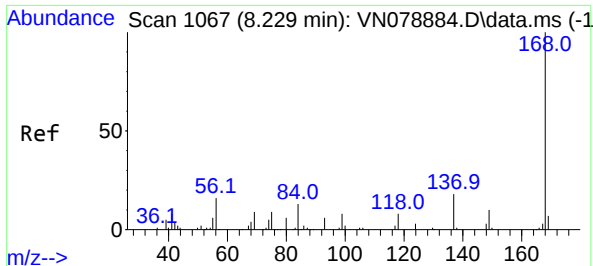
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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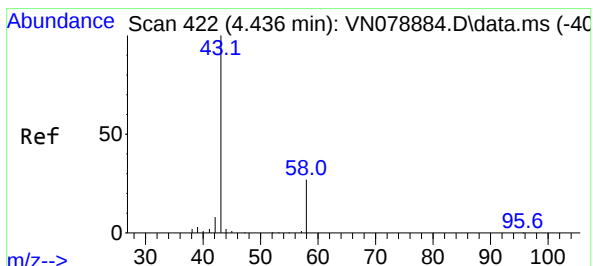
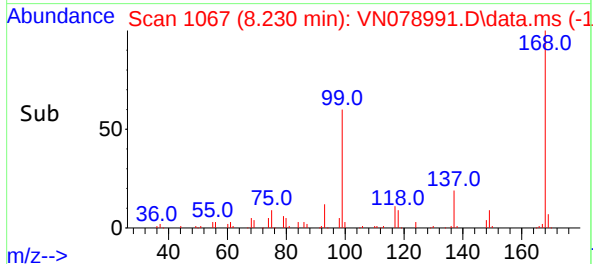
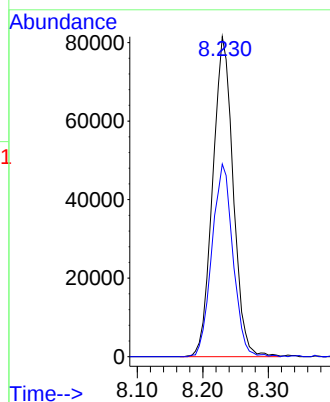
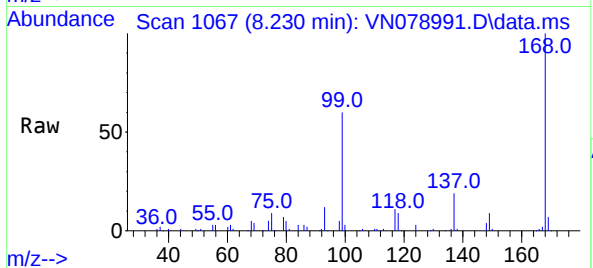




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078991.D
Acq: 22 Aug 2023 13:59

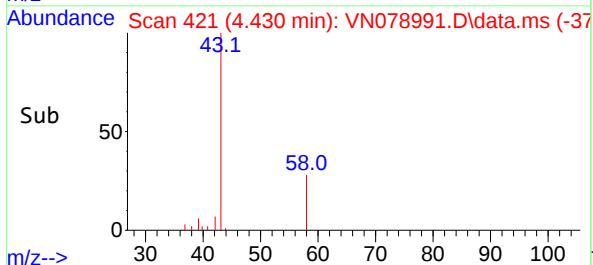
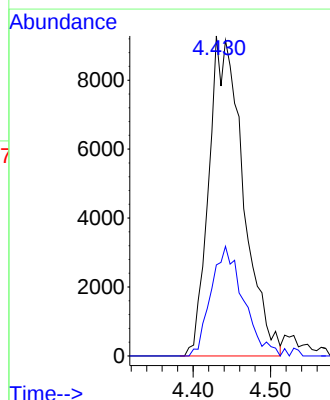
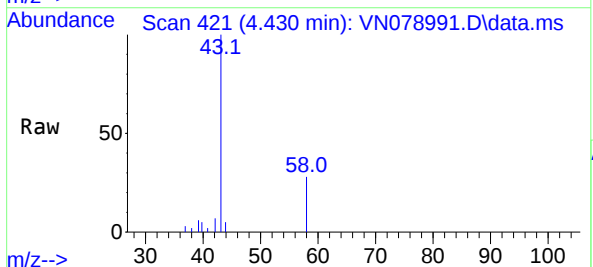
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#06

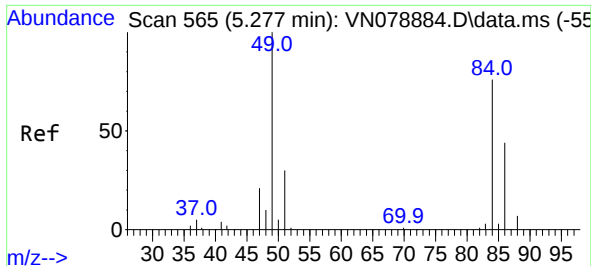
Tgt Ion:168 Resp: 176568
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6



#16
Acetone
Concen: 25.228 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN078991.D
Acq: 22 Aug 2023 13:59

Tgt Ion: 43 Resp: 28601
Ion Ratio Lower Upper
43 100
58 28.4 28.0 42.0

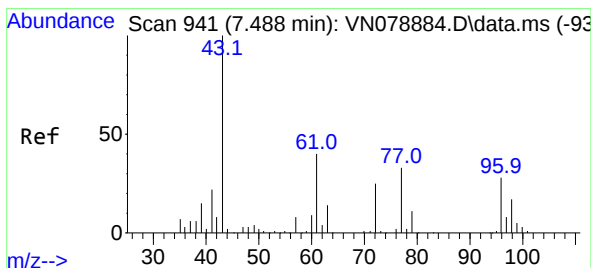
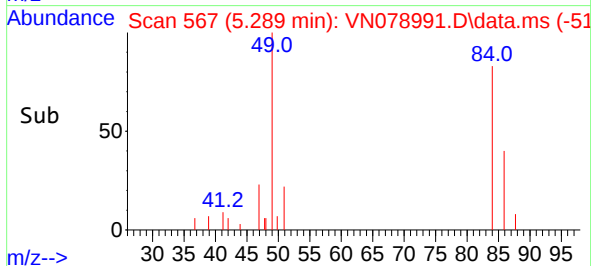
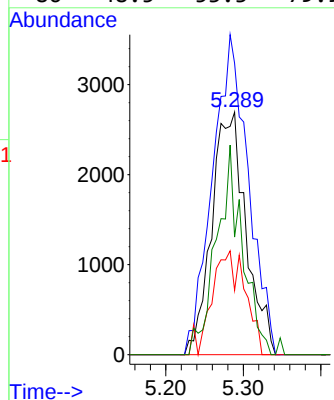
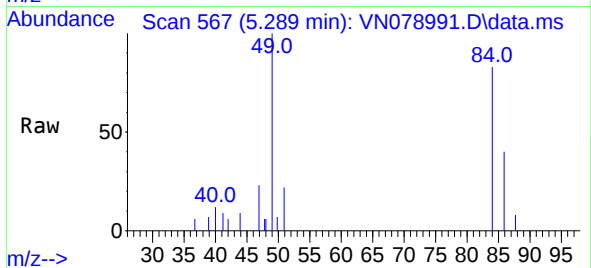




#20
Methylene Chloride
Concen: 3.433 ug/l
RT: 5.289 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN078991.D
Acq: 22 Aug 2023 13:59

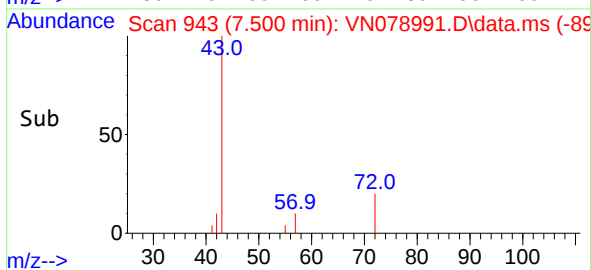
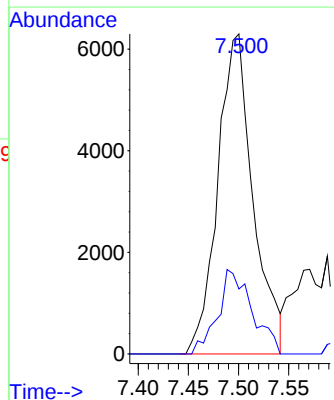
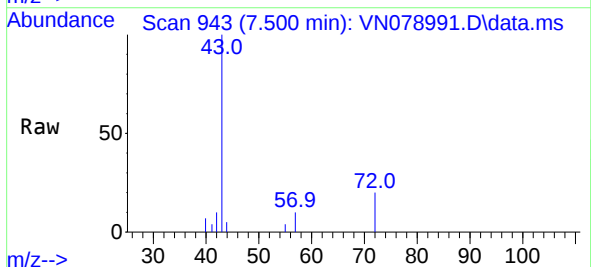
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#06

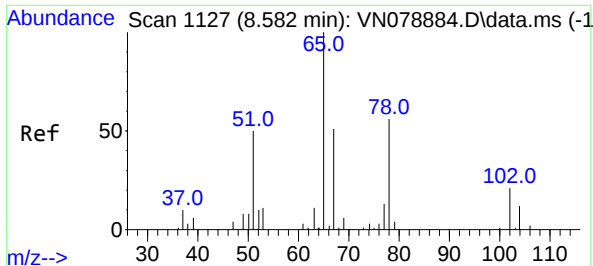
Tgt Ion:	84	Resp:	8293
Ion	Ratio	Lower	Upper
84	100		
49	120.2	79.7	119.5#
51	26.5	25.2	37.8
86	48.5	53.3	79.9#



#25
2-Butanone
Concen: 8.489 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078991.D
Acq: 22 Aug 2023 13:59

Tgt Ion:	43	Resp:	15430
Ion	Ratio	Lower	Upper
43	100		
72	20.3	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 52.993 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078991.D

Acq: 22 Aug 2023 13:59

Instrument :

MSVOA_N

ClientSampleId :

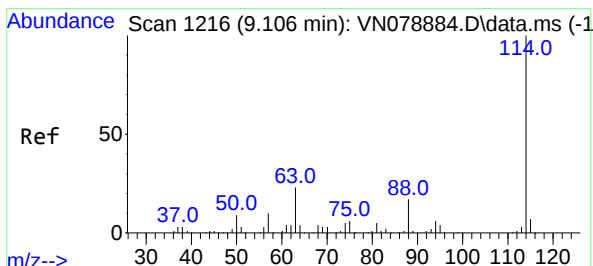
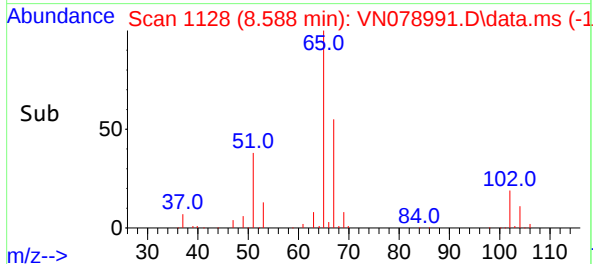
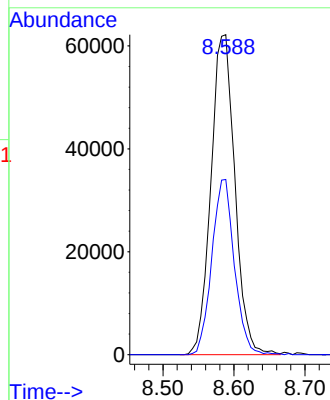
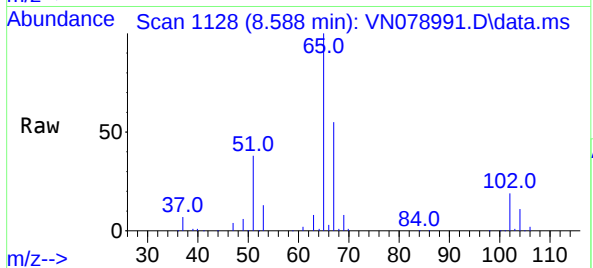
PB154968ZHE#06

Tgt Ion: 65 Resp: 145600

Ion Ratio Lower Upper

65 100

67 51.6 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: VN078991.D

Acq: 22 Aug 2023 13:59

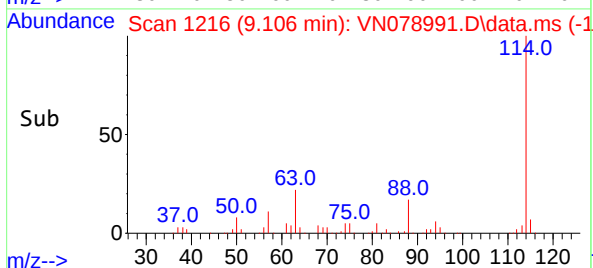
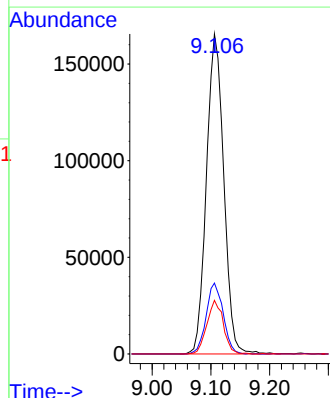
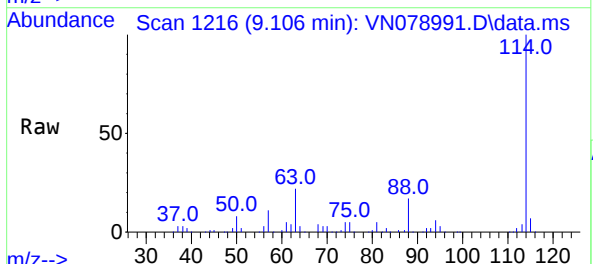
Tgt Ion: 114 Resp: 338571

Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

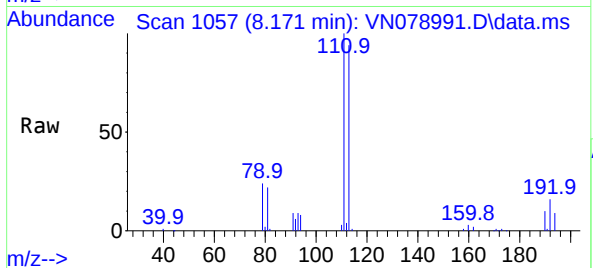
88 16.8 0.0 30.6



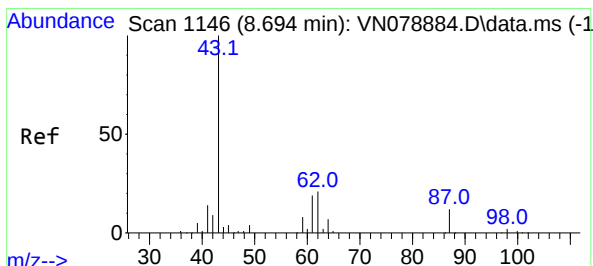
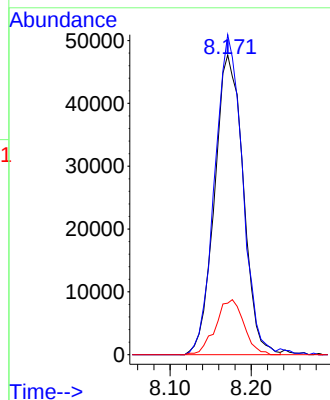
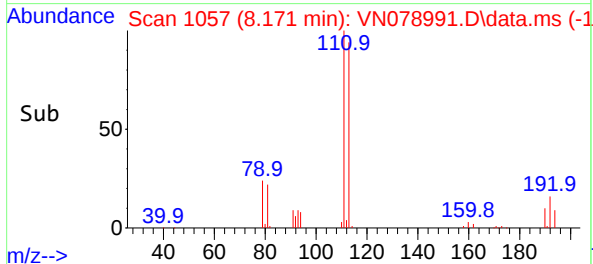


#35
Dibromofluoromethane
Concen: 51.336 ug/l
RT: 8.171 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN078991.D
Acq: 22 Aug 2023 13:59

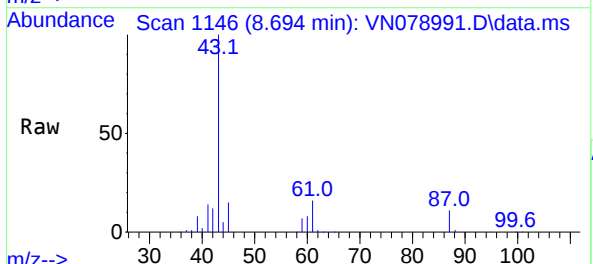
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#06



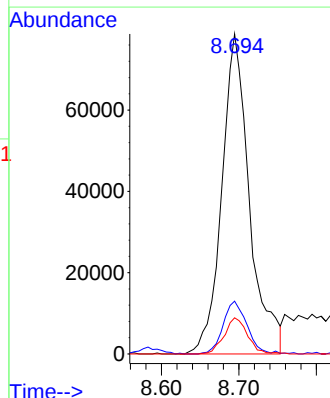
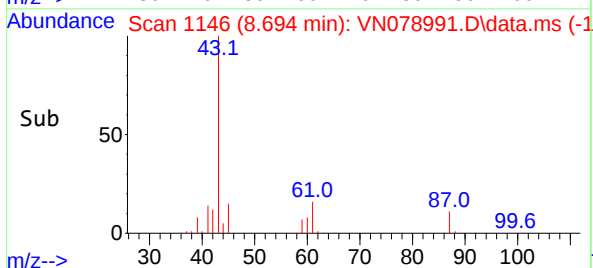
Tgt Ion:113 Resp: 117000
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 18.1 12.7 19.1

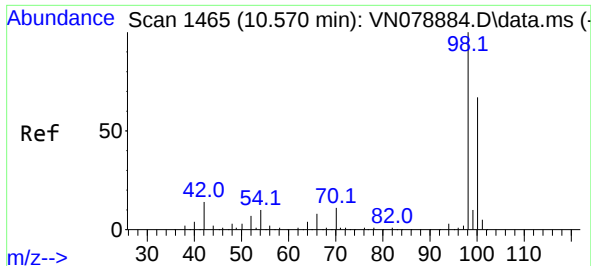


#43
Isopropyl Acetate
Concen: 28.831 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078991.D
Acq: 22 Aug 2023 13:59



Tgt Ion: 43 Resp: 195465
Ion Ratio Lower Upper
43 100
61 14.4 24.7 37.1#
87 9.6 14.6 21.8#

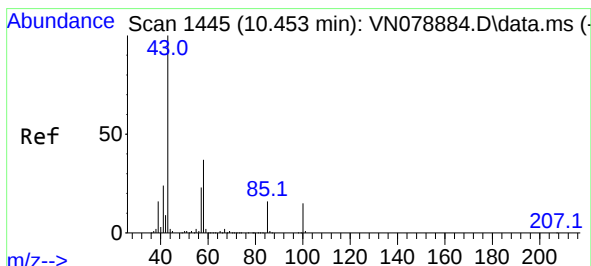
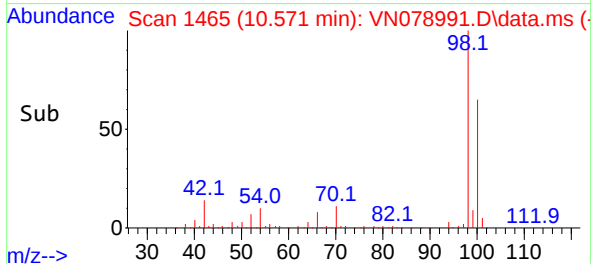
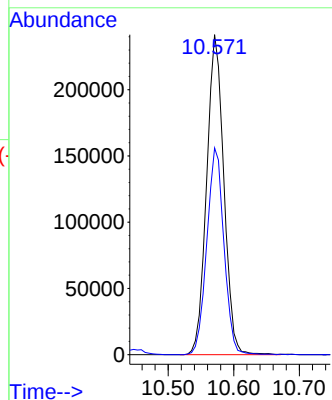
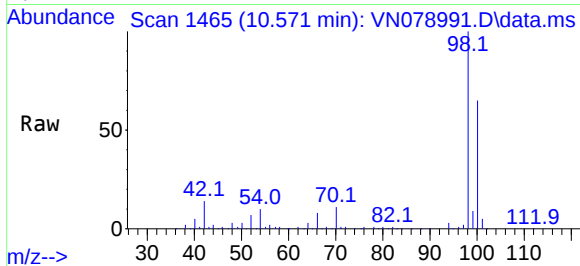




#50
Toluene-d8
Concen: 52.061 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078991.D
Acq: 22 Aug 2023 13:59

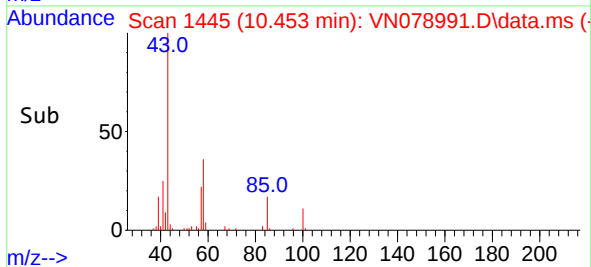
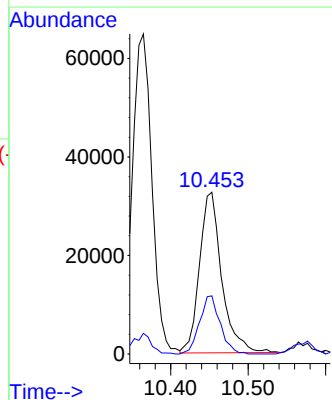
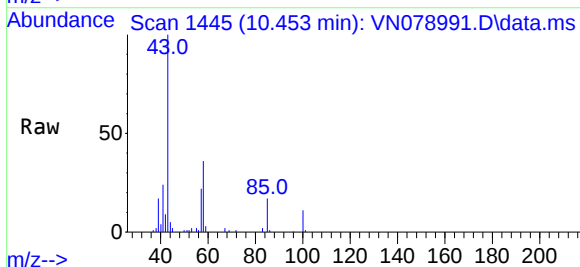
Instrument :
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PB154968ZHE#06

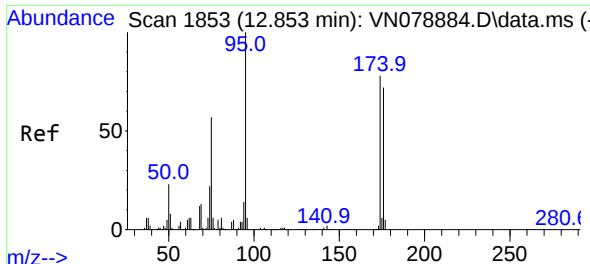
Tgt Ion: 98 Resp: 440563
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 16.172 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078991.D
Acq: 22 Aug 2023 13:59

Tgt Ion: 43 Resp: 65030
Ion Ratio Lower Upper
43 100
58 33.4 36.6 54.8#

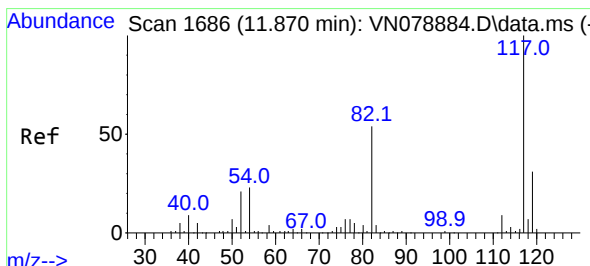
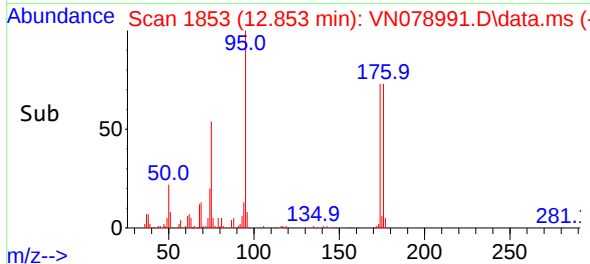
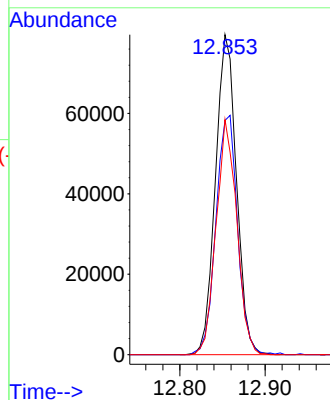
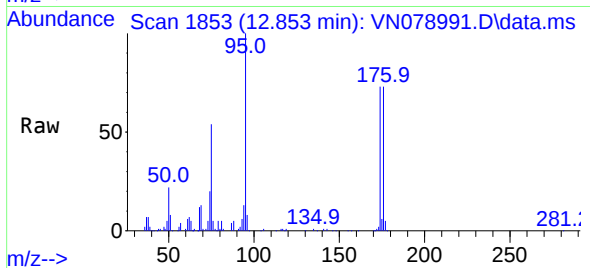




#62
4-Bromofluorobenzene
Concen: 49.261 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078991.D
Acq: 22 Aug 2023 13:59

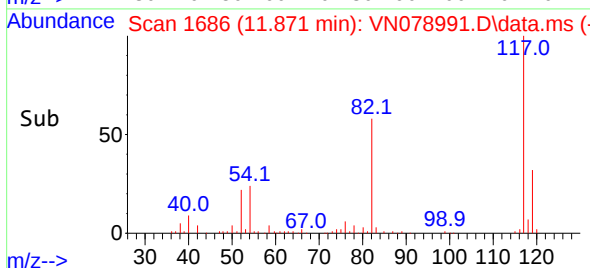
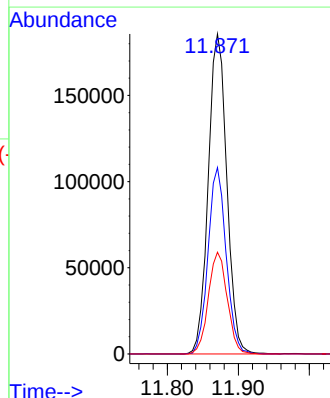
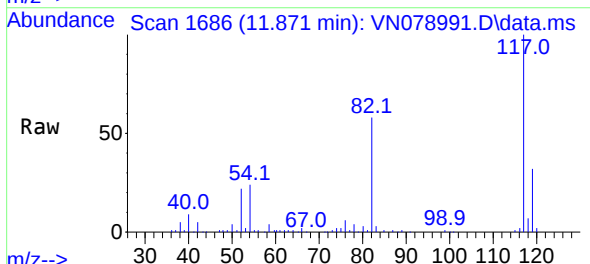
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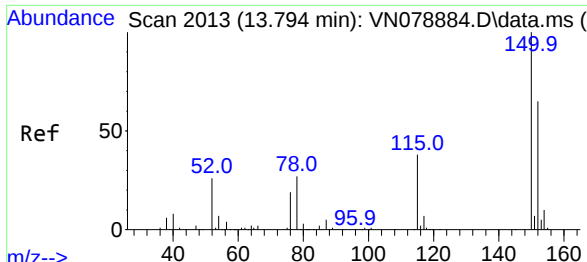
Tgt Ion: 95 Resp: 136257
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 72.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078991.D
Acq: 22 Aug 2023 13:59

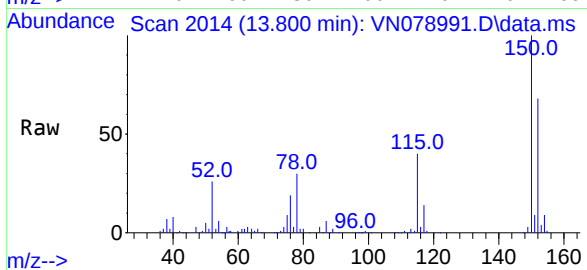
Tgt Ion: 117 Resp: 337304
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 31.8 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078991.D
Acq: 22 Aug 2023 13:59

Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#06



Tgt Ion:152 Resp: 105576
Ion Ratio Lower Upper
152 100
115 59.8 32.3 96.8
150 156.5 0.0 355.8

