

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078996.D
 Acq On : 22 Aug 2023 16:00
 Operator : JC\MD
 Sample : PB154968ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154968ZHE#11

Quant Time: Aug 23 03:04:21 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)

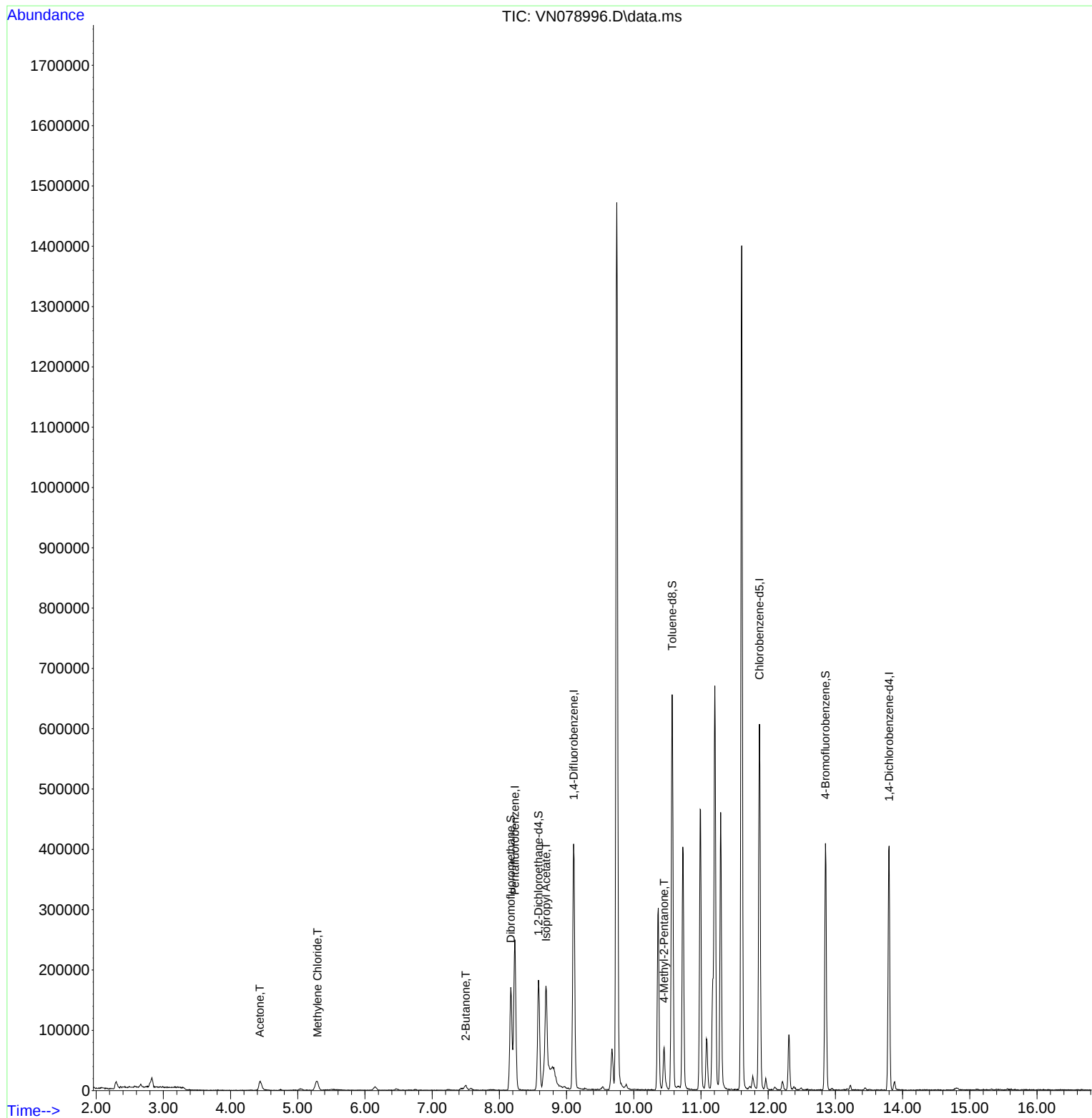
Internal Standards						
1) Pentafluorobenzene	8.229	168	173544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	341624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	342342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	103737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	142091	52.617	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.240%	
35) Dibromofluoromethane	8.171	113	115838	50.372	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.740%	
50) Toluene-d8	10.570	98	436732	51.147	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.853	95	133822	47.948	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.900%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	28772	25.822	ug/l #	78
20) Methylene Chloride	5.294	84	11504	4.845	ug/l #	80
25) 2-Butanone	7.500	43	14247	7.975	ug/l #	68
43) Isopropyl Acetate	8.694	43	234526	34.283	ug/l #	71
51) 4-Methyl-2-Pentanone	10.453	43	52657	12.978	ug/l #	82

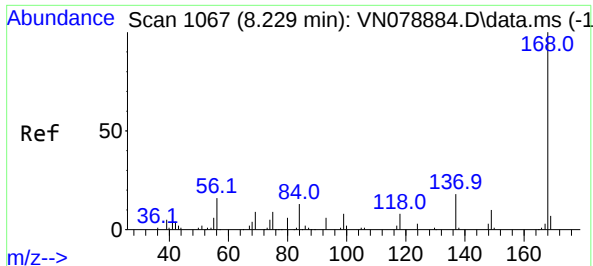
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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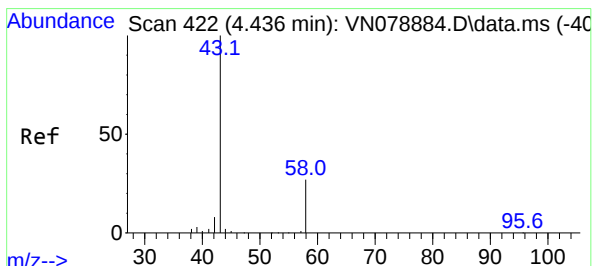
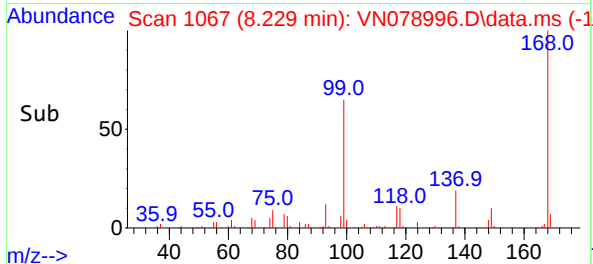
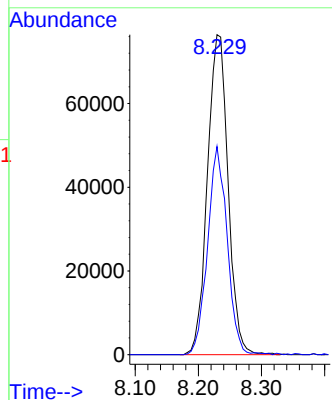
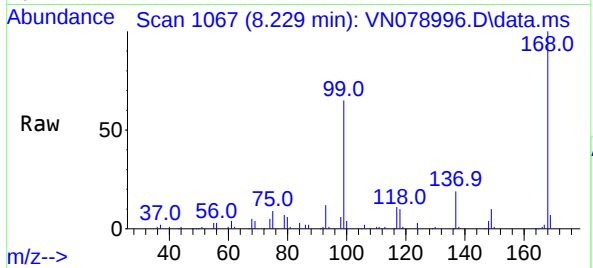




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078996.D
Acq: 22 Aug 2023 16:00

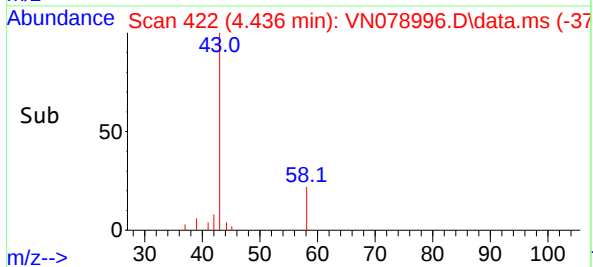
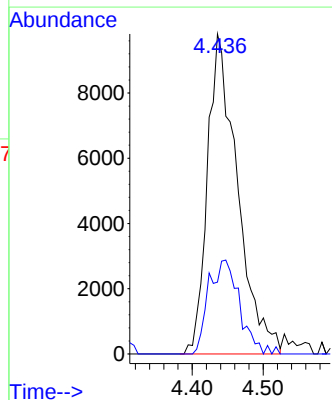
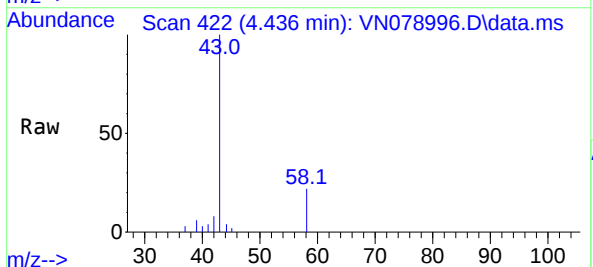
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#11

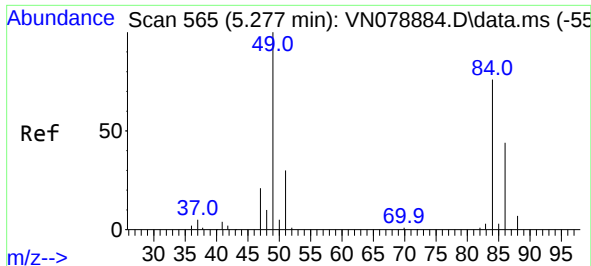
Tgt Ion:168 Resp: 173544
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#16
Acetone
Concen: 25.822 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078996.D
Acq: 22 Aug 2023 16:00

Tgt Ion: 43 Resp: 28772
Ion Ratio Lower Upper
43 100
58 22.5 28.0 42.0#



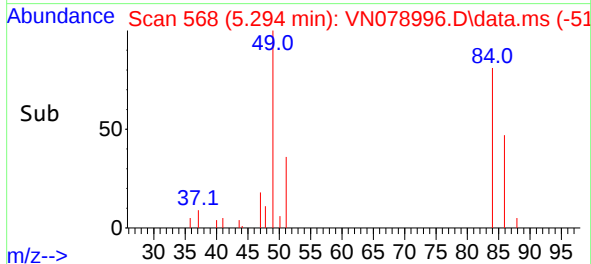
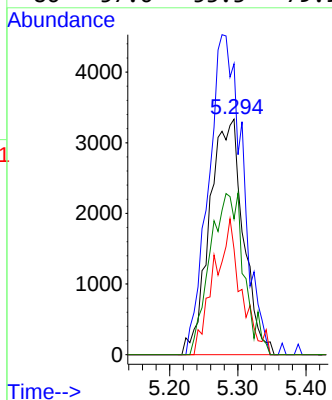
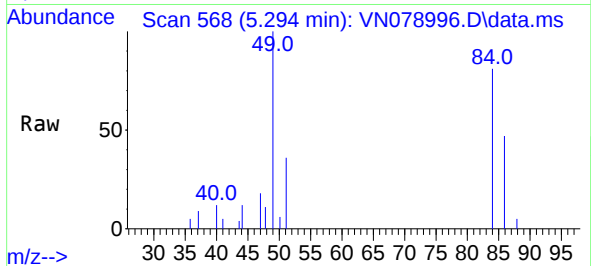


#20
Methylene Chloride
Concen: 4.845 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078996.D
Acq: 22 Aug 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#11

Tgt Ion: 84 Resp: 11504

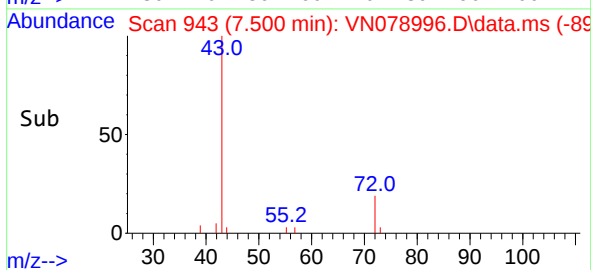
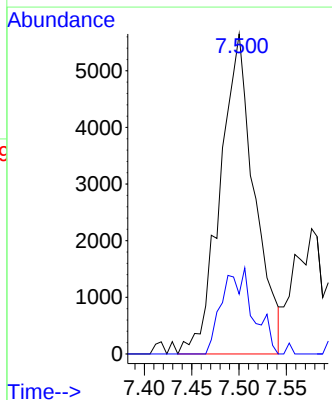
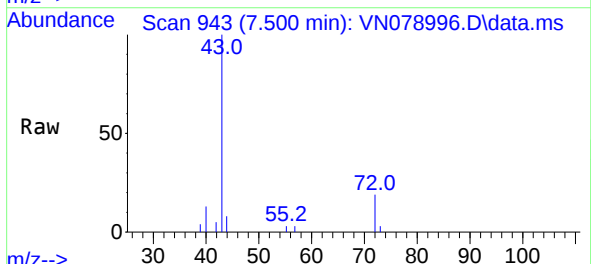
Ion	Ratio	Lower	Upper
84	100		
49	123.4	79.7	119.5#
51	44.7	25.2	37.8#
86	57.6	53.3	79.9

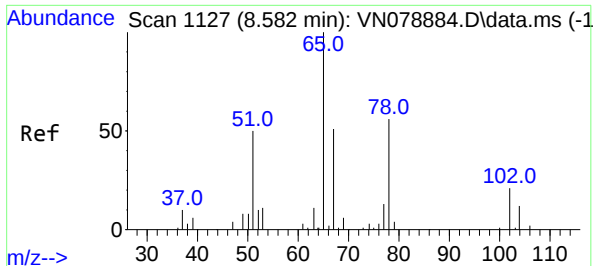


#25
2-Butanone
Concen: 7.975 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078996.D
Acq: 22 Aug 2023 16:00

Tgt Ion: 43 Resp: 14247

Ion	Ratio	Lower	Upper
43	100		
72	18.7	30.2	45.2#

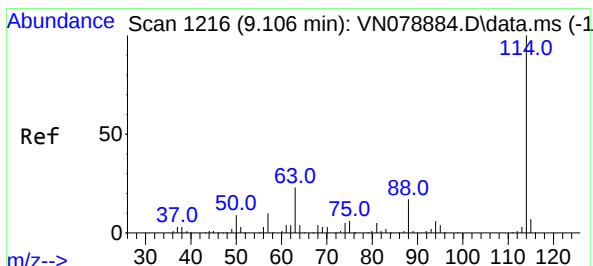
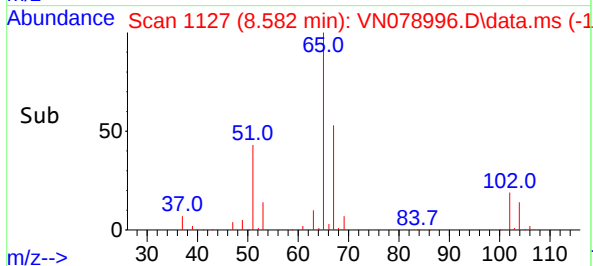
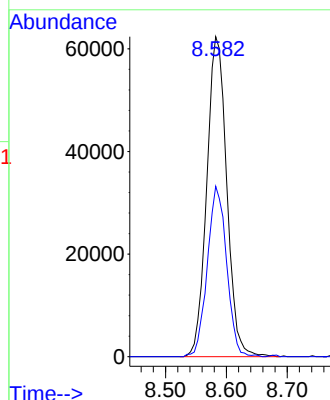
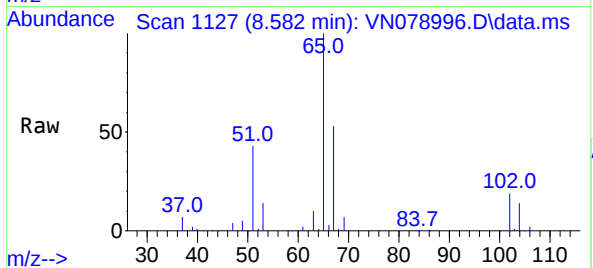




#33
1,2-Dichloroethane-d4
Concen: 52.617 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078996.D
Acq: 22 Aug 2023 16:00

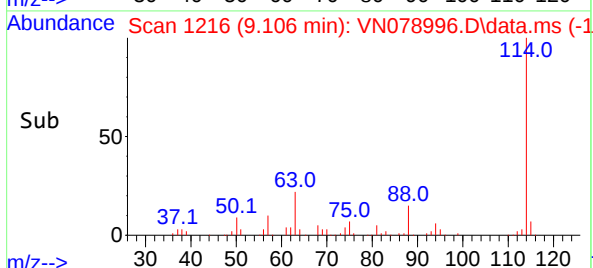
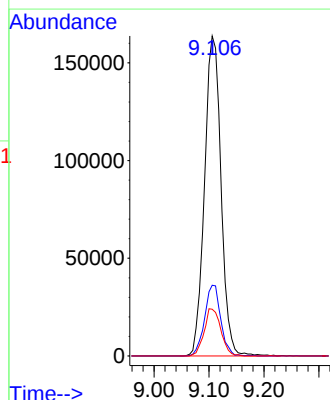
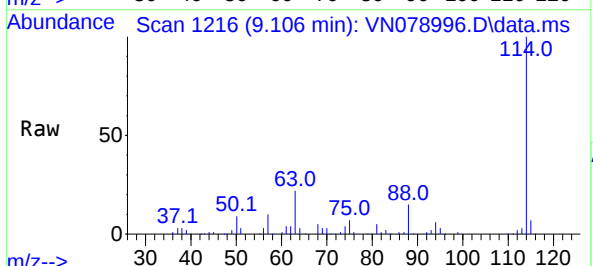
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#11

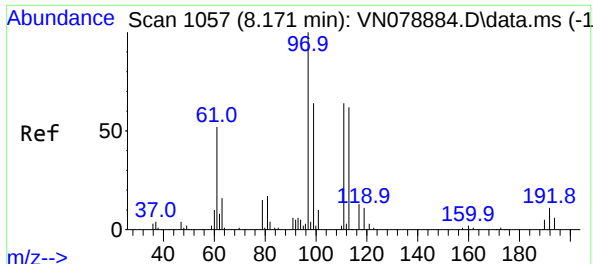
Tgt Ion: 65 Resp: 142091
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078996.D
Acq: 22 Aug 2023 16:00

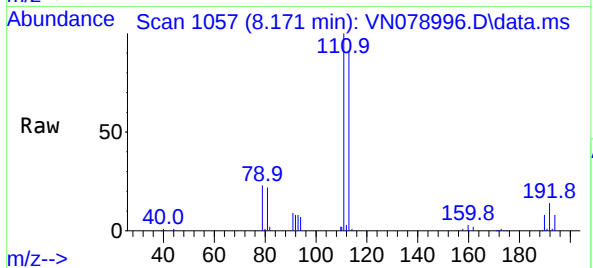
Tgt Ion: 114 Resp: 341624
Ion Ratio Lower Upper
114 100
63 22.1 0.0 36.4
88 14.6 0.0 30.6



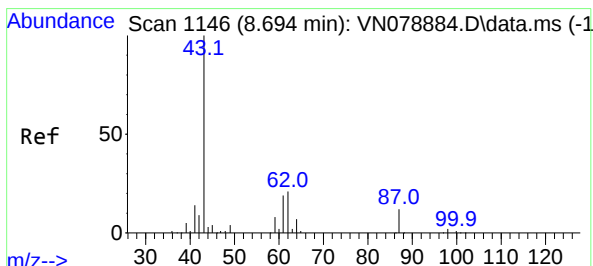
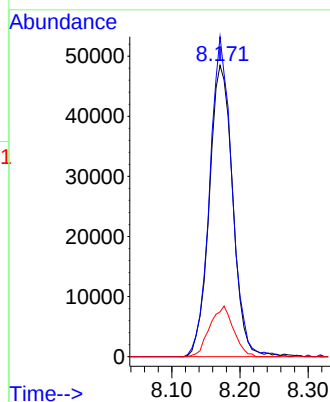
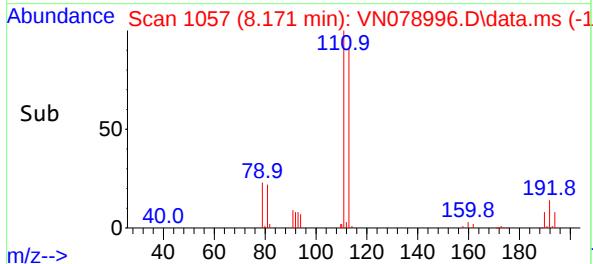


#35
Dibromofluoromethane
Concen: 50.372 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078996.D
Acq: 22 Aug 2023 16:00

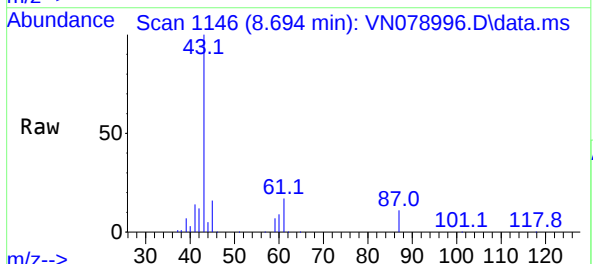
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#11



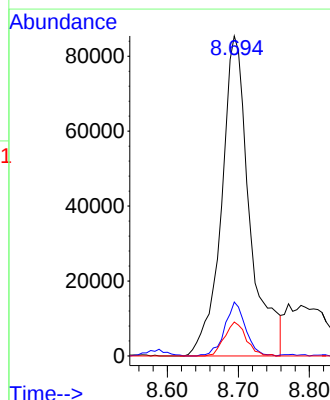
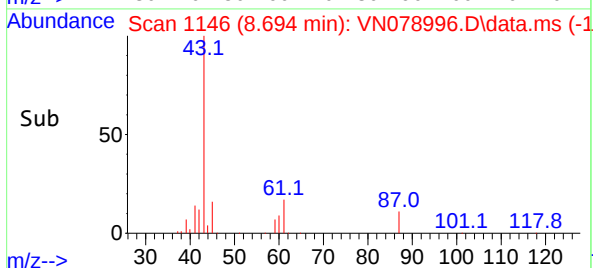
Tgt Ion:113 Resp: 115838
Ion Ratio Lower Upper
113 100
111 104.7 82.6 123.8
192 17.6 12.7 19.1

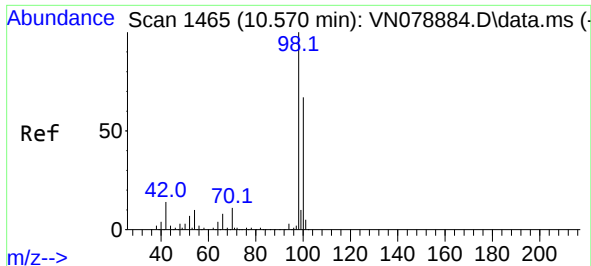


#43
Isopropyl Acetate
Concen: 34.283 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078996.D
Acq: 22 Aug 2023 16:00



Tgt Ion: 43 Resp: 234526
Ion Ratio Lower Upper
43 100
61 12.5 24.7 37.1#
87 8.2 14.6 21.8#

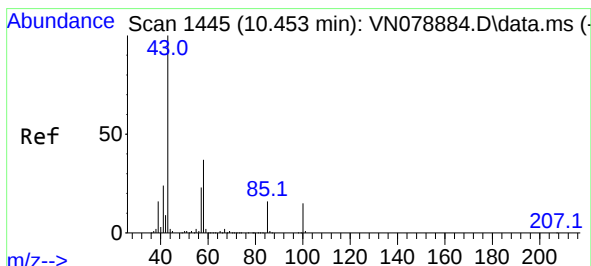
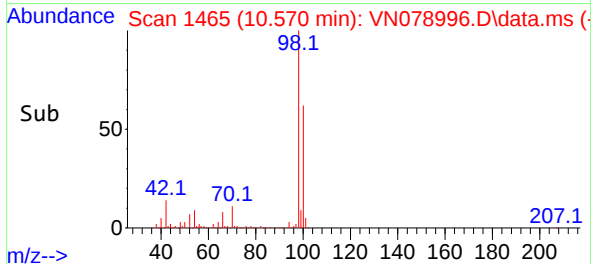
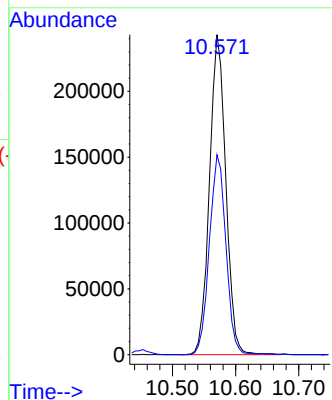
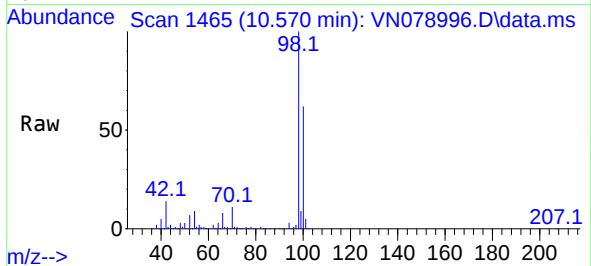




#50
Toluene-d8
Concen: 51.147 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078996.D
Acq: 22 Aug 2023 16:00

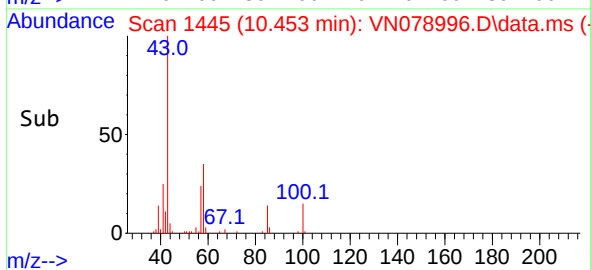
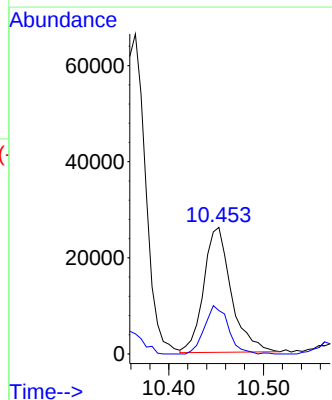
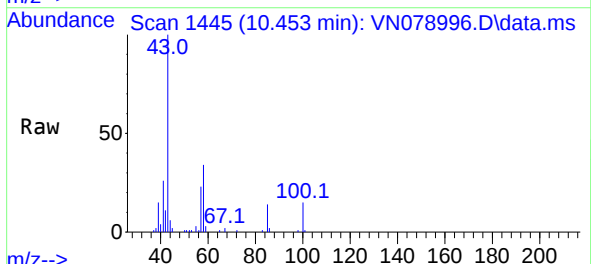
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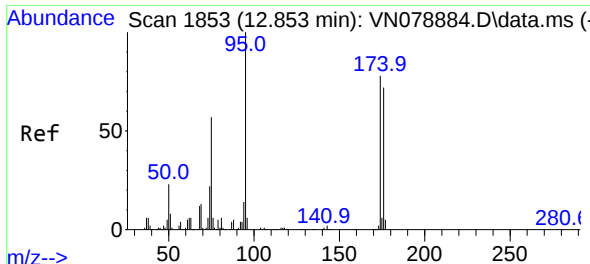
Tgt Ion: 98 Resp: 436732
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 12.978 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078996.D
Acq: 22 Aug 2023 16:00

Tgt Ion: 43 Resp: 52657
Ion Ratio Lower Upper
43 100
58 33.5 36.6 54.8#

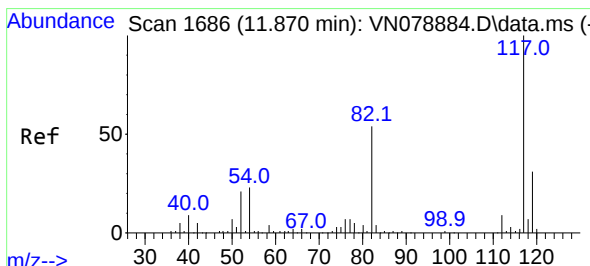
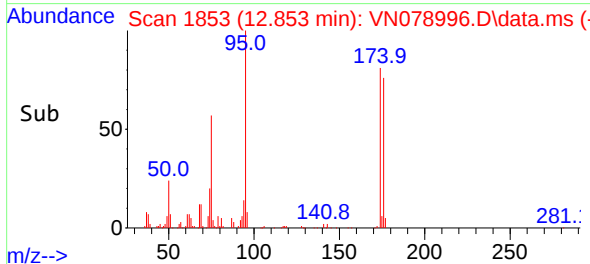
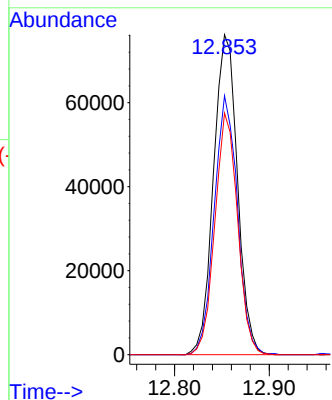
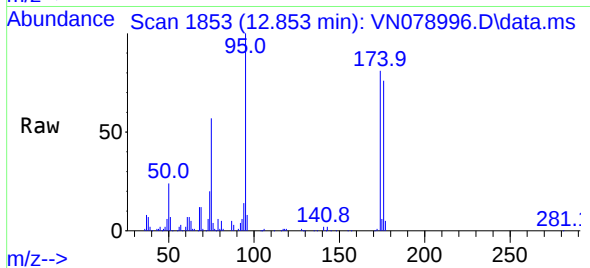




#62
4-Bromofluorobenzene
Concen: 47.948 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078996.D
Acq: 22 Aug 2023 16:00

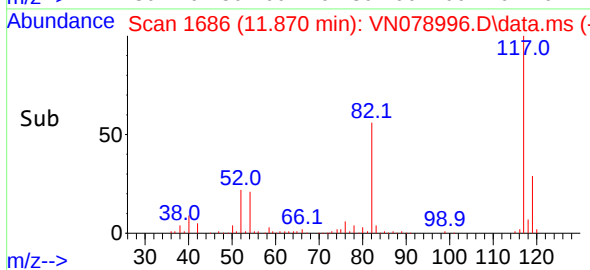
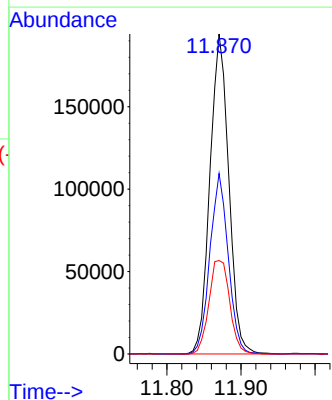
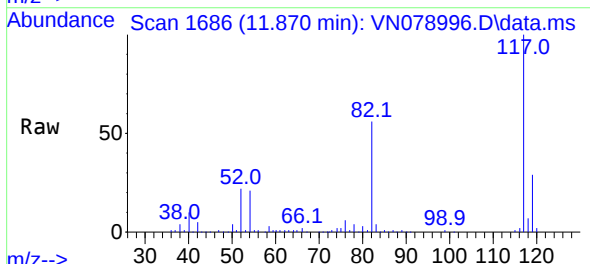
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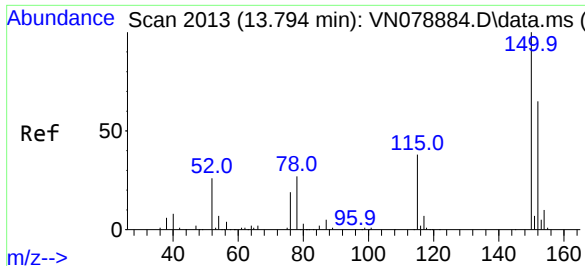
Tgt Ion: 95 Resp: 133822
Ion Ratio Lower Upper
95 100
174 78.6 0.0 143.8
176 71.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078996.D
Acq: 22 Aug 2023 16:00

Tgt Ion: 117 Resp: 342342
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 29.2 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: VN078996.D

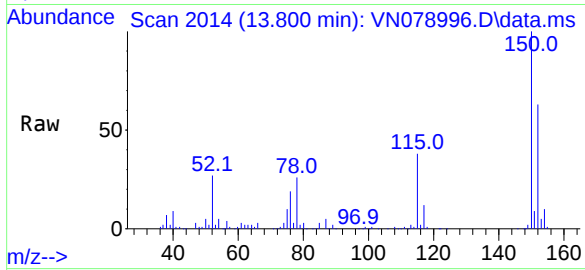
Acq: 22 Aug 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

PB154968ZHE#11



Tgt Ion:152 Resp: 103737

Ion Ratio Lower Upper

152 100

115 58.9 32.3 96.8

150 156.6 0.0 355.8

