

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078994.D
 Acq On : 22 Aug 2023 15:11
 Operator : JC\MD
 Sample : PB154968ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154968ZHE#09

Quant Time: Aug 23 03:03:28 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)

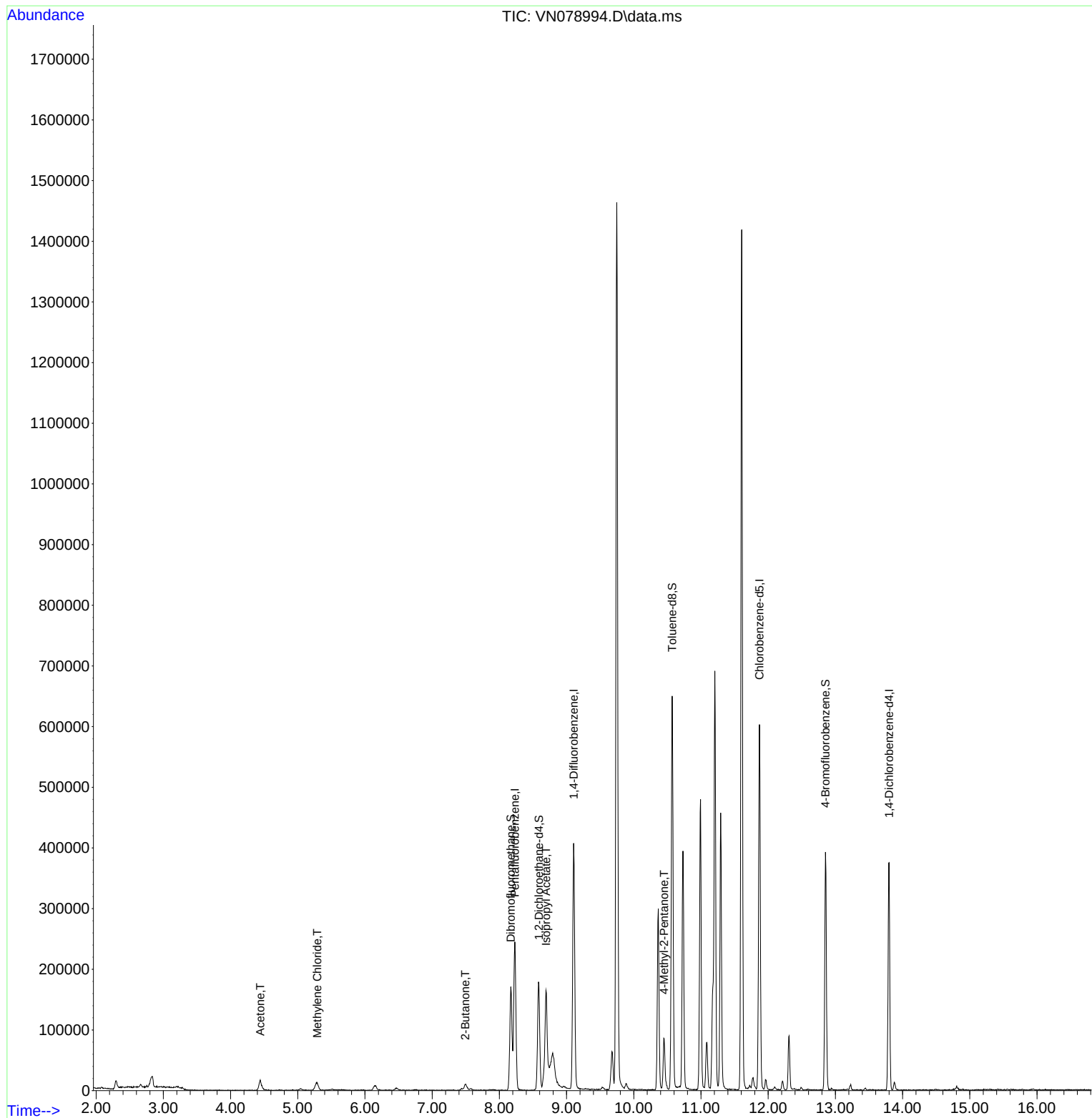
Internal Standards						
1) Pentafluorobenzene	8.229	168	170968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	339764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	331071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	96287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	142713	53.643	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	107.280%	
35) Dibromofluoromethane	8.171	113	116687	51.019	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	102.040%	
50) Toluene-d8	10.570	98	436572	51.408	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	102.820%	
62) 4-Bromofluorobenzene	12.853	95	129376	46.609	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	93.220%	
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	30420	27.712	ug/l #	84
20) Methylene Chloride	5.288	84	9944	4.251	ug/l #	87
25) 2-Butanone	7.494	43	17403	9.888	ug/l #	81
43) Isopropyl Acetate	8.694	43	213201	31.336	ug/l #	72
51) 4-Methyl-2-Pentanone	10.453	43	66227	16.412	ug/l #	80

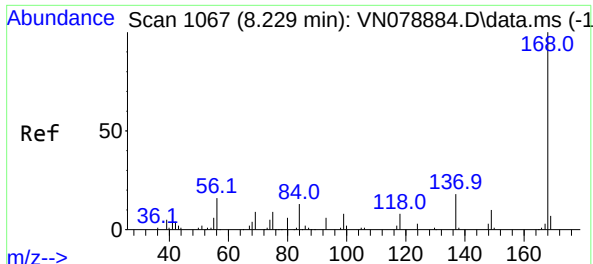
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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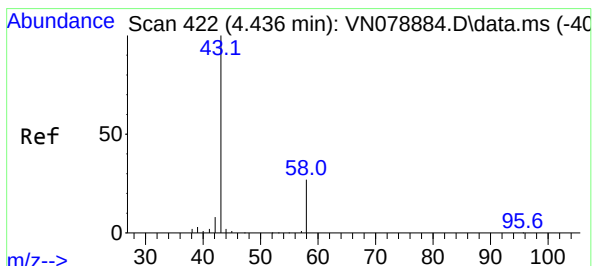
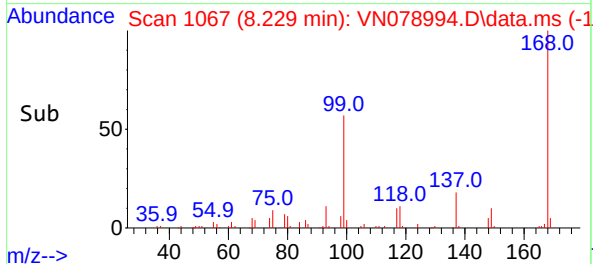
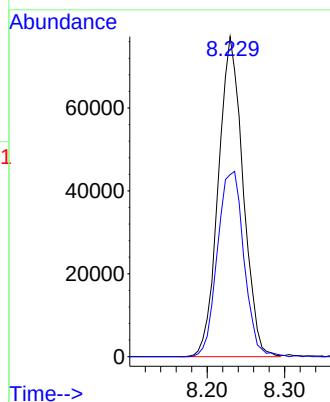
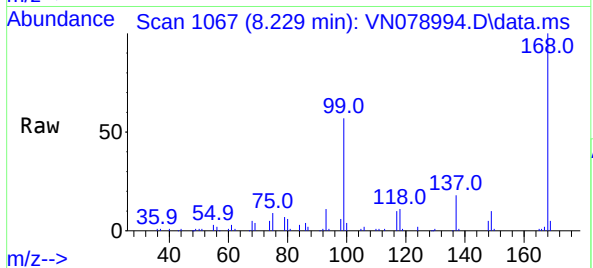




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078994.D
Acq: 22 Aug 2023 15:11

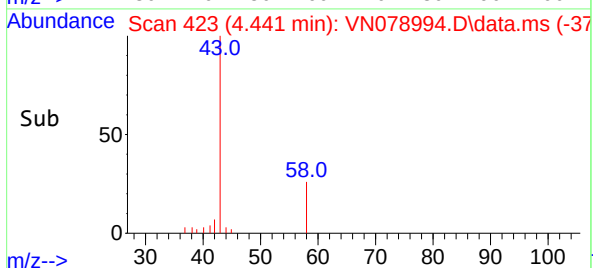
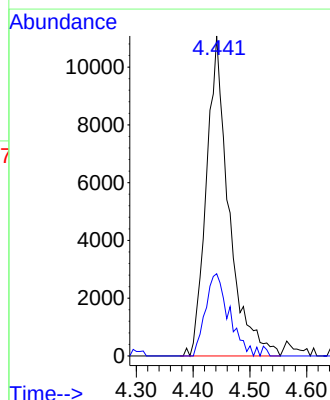
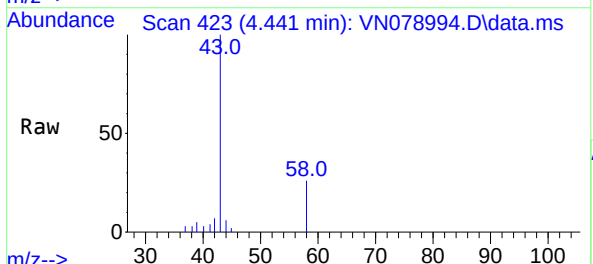
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#09

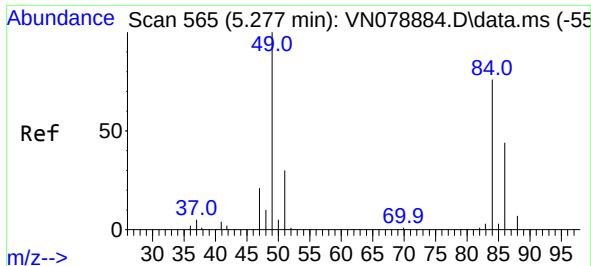
Tgt Ion:168 Resp: 170968
Ion Ratio Lower Upper
168 100
99 56.9 53.0 79.6



#16
Acetone
Concen: 27.712 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078994.D
Acq: 22 Aug 2023 15:11

Tgt Ion: 43 Resp: 30420
Ion Ratio Lower Upper
43 100
58 25.7 28.0 42.0#

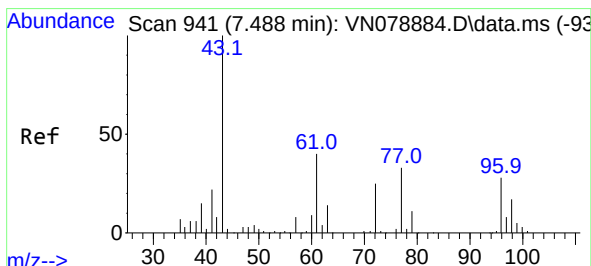
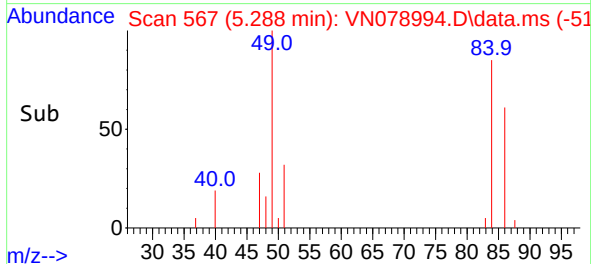
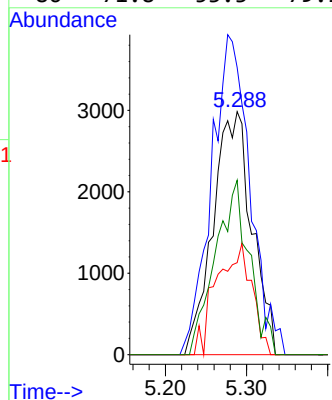
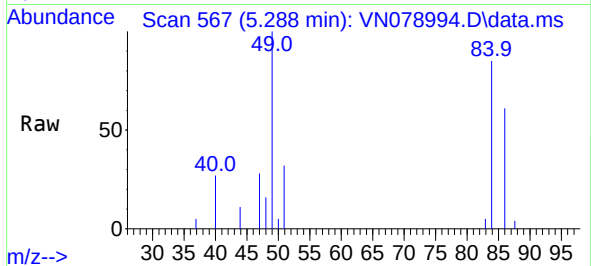




#20
Methylene Chloride
Concen: 4.251 ug/l
RT: 5.288 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN078994.D
Acq: 22 Aug 2023 15:11

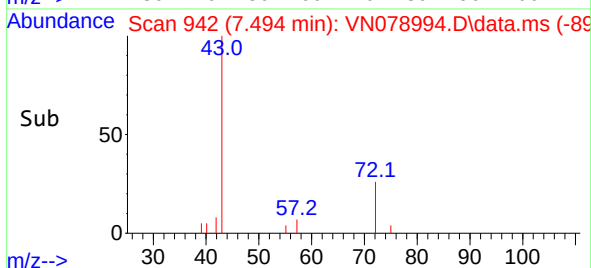
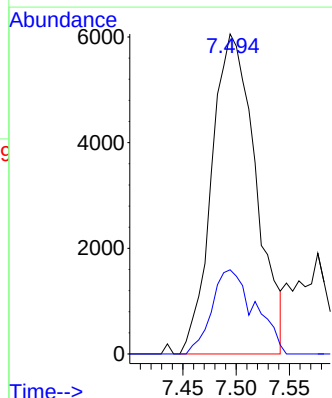
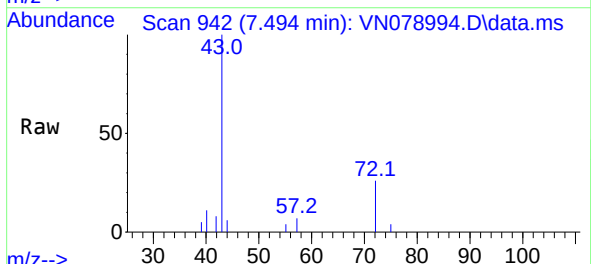
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#09

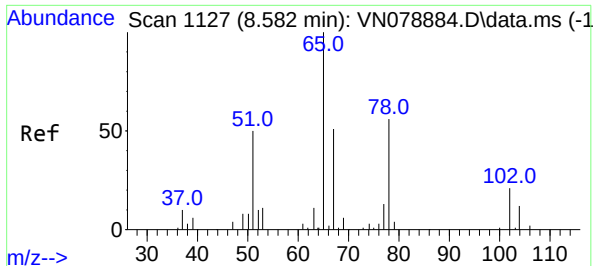
Tgt Ion:	84	Resp:	9944
Ion	Ratio	Lower	Upper
84	100		
49	118.2	79.7	119.5
51	37.9	25.2	37.8#
86	71.8	53.3	79.9



#25
2-Butanone
Concen: 9.888 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078994.D
Acq: 22 Aug 2023 15:11

Tgt Ion:	43	Resp:	17403
Ion	Ratio	Lower	Upper
43	100		
72	26.3	30.2	45.2#

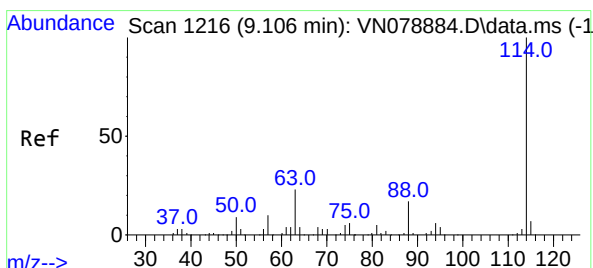
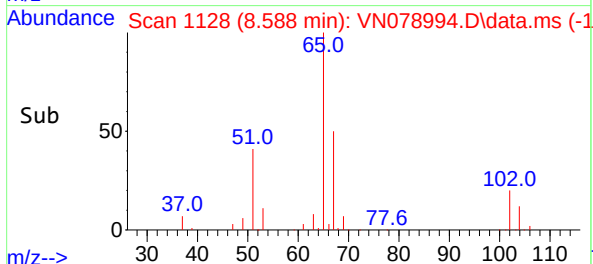
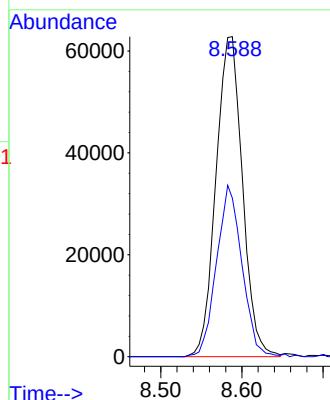
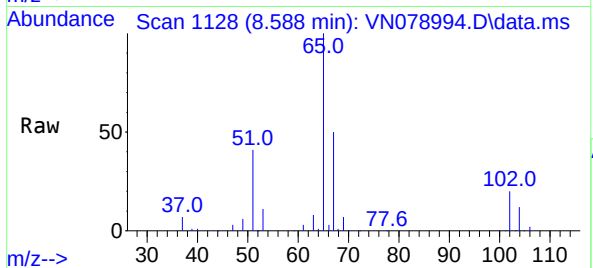




#33
1,2-Dichloroethane-d4
Concen: 53.643 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078994.D
Acq: 22 Aug 2023 15:11

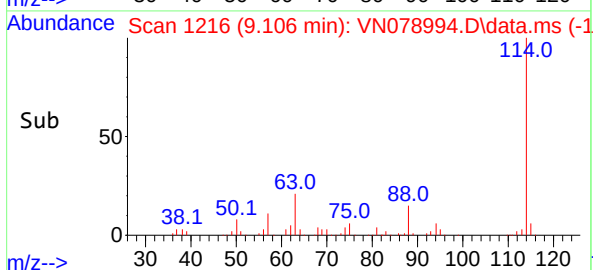
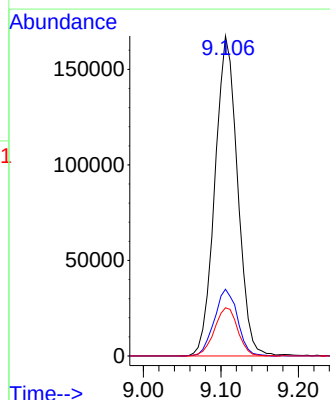
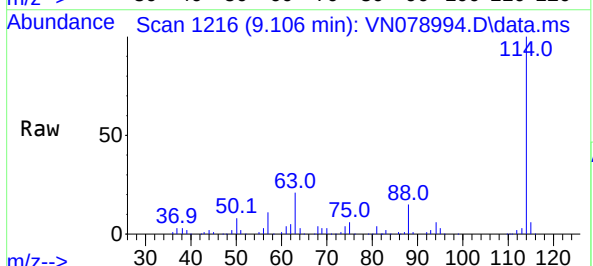
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#09

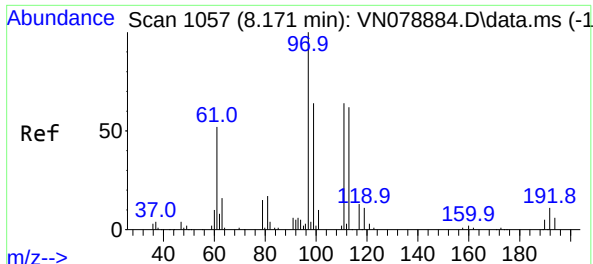
Tgt Ion: 65 Resp: 142713
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078994.D
Acq: 22 Aug 2023 15:11

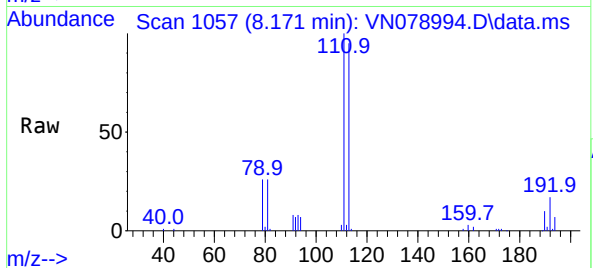
Tgt Ion: 114 Resp: 339764
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.4
88 15.0 0.0 30.6



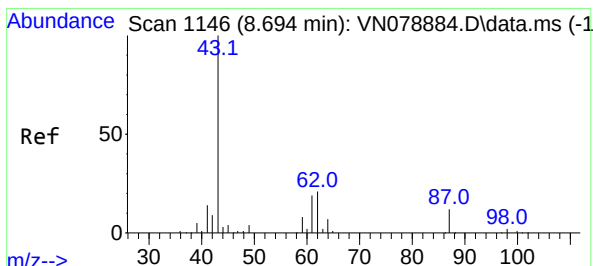
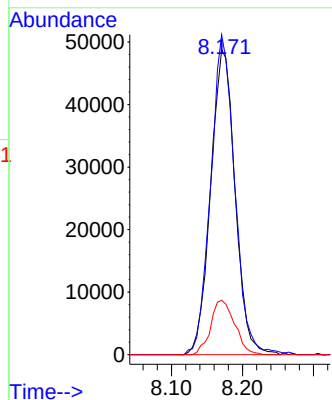
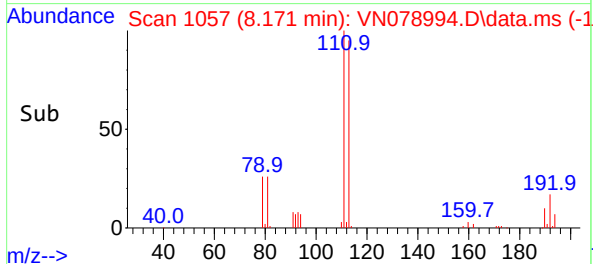


#35
Dibromofluoromethane
Concen: 51.019 ug/l
RT: 8.171 min Scan# 11057
Delta R.T. -0.000 min
Lab File: VN078994.D
Acq: 22 Aug 2023 15:11

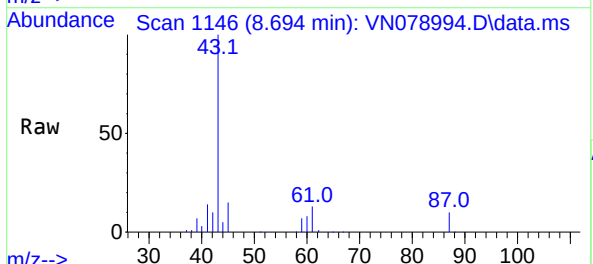
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#09



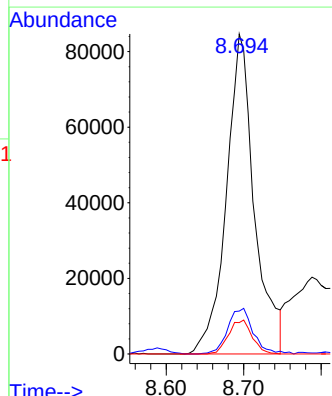
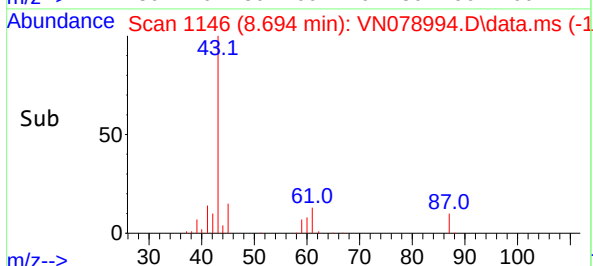
Tgt Ion:113 Resp: 116687
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 17.5 12.7 19.1

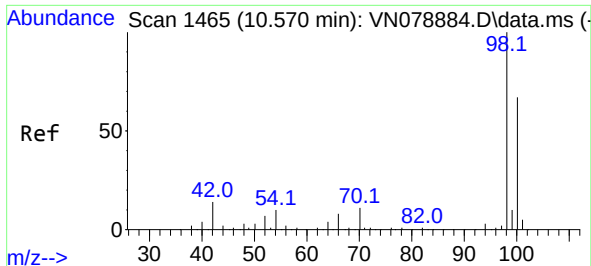


#43
Isopropyl Acetate
Concen: 31.336 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078994.D
Acq: 22 Aug 2023 15:11



Tgt Ion: 43 Resp: 213201
Ion Ratio Lower Upper
43 100
61 13.0 24.7 37.1#
87 8.9 14.6 21.8#

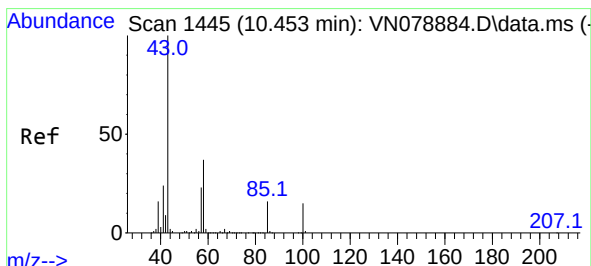
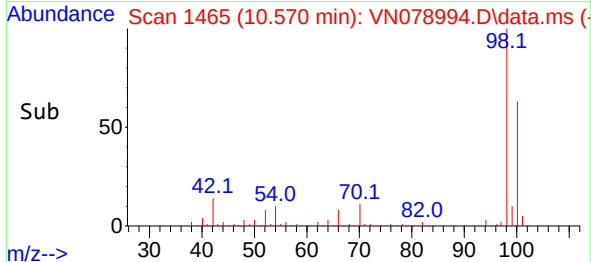
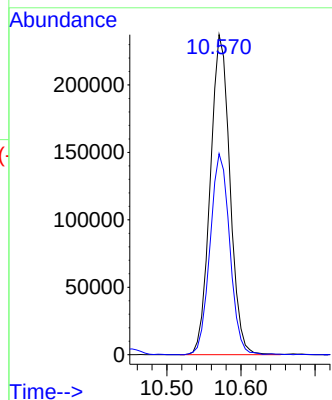
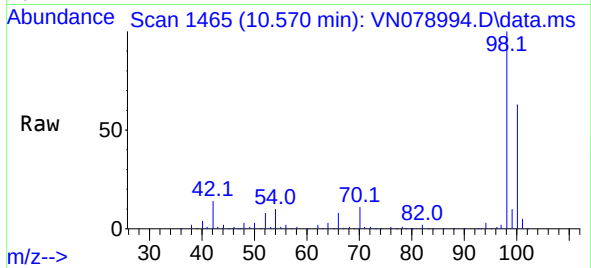




#50
Toluene-d8
Concen: 51.408 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN078994.D
Acq: 22 Aug 2023 15:11

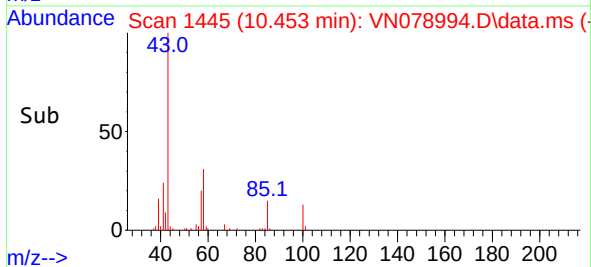
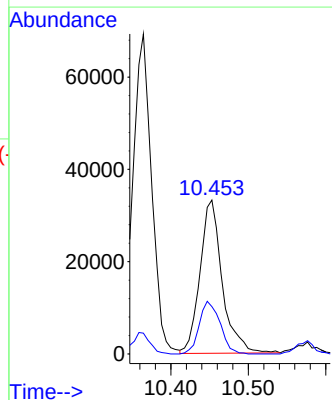
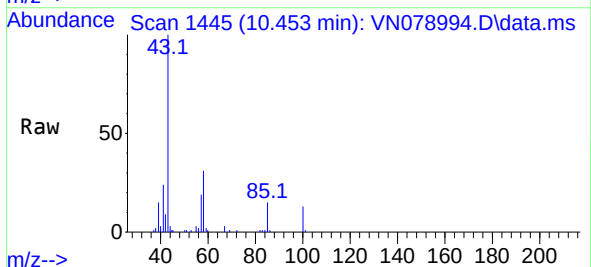
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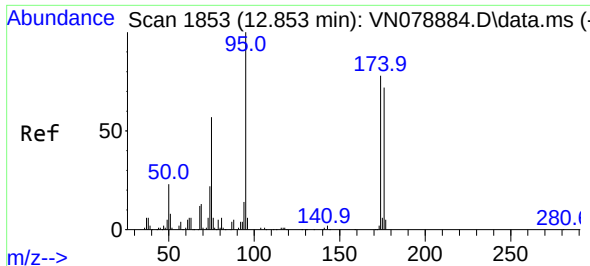
Tgt Ion: 98 Resp: 436572
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 16.412 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078994.D
Acq: 22 Aug 2023 15:11

Tgt Ion: 43 Resp: 66227
Ion Ratio Lower Upper
43 100
58 32.2 36.6 54.8#

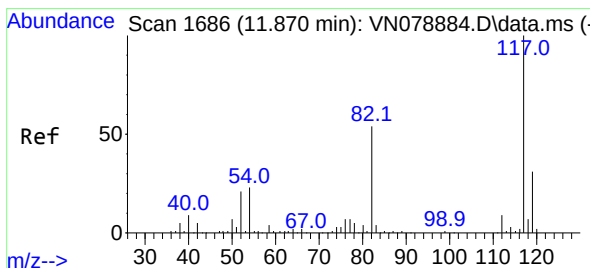
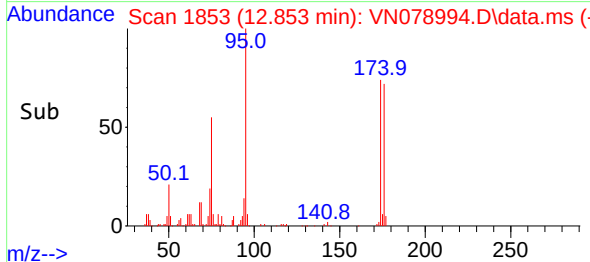
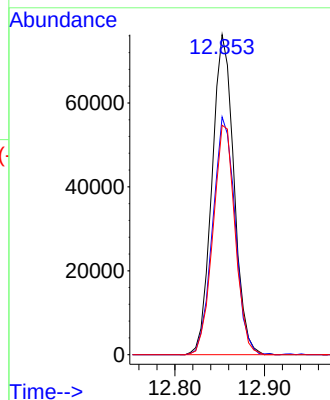
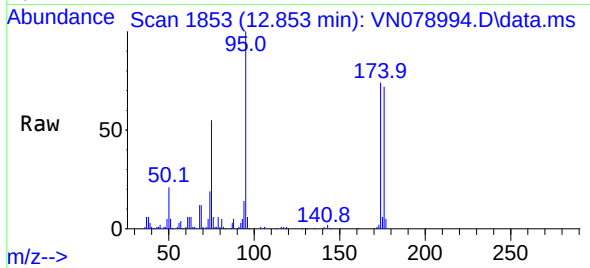




#62
4-Bromofluorobenzene
Concen: 46.609 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078994.D
Acq: 22 Aug 2023 15:11

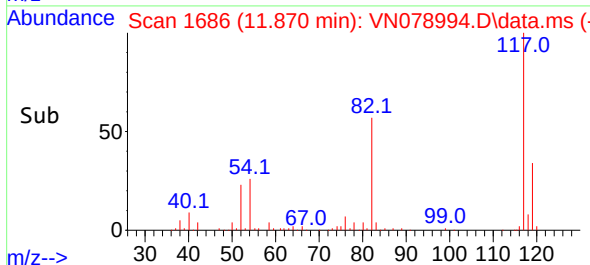
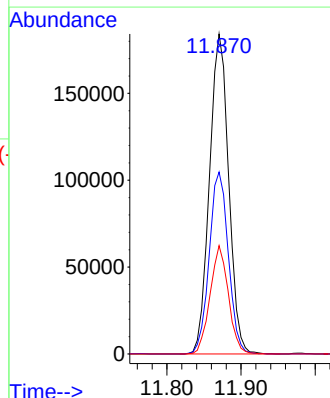
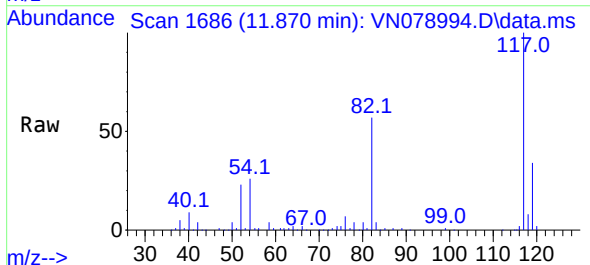
Instrument :
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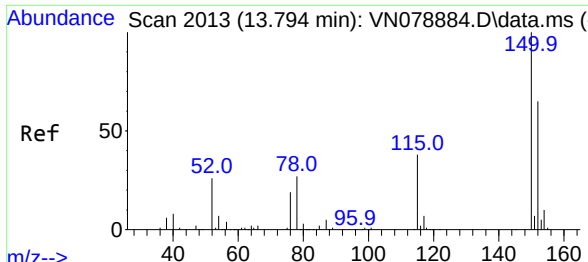
Tgt Ion: 95 Resp: 129376
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 72.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078994.D
Acq: 22 Aug 2023 15:11

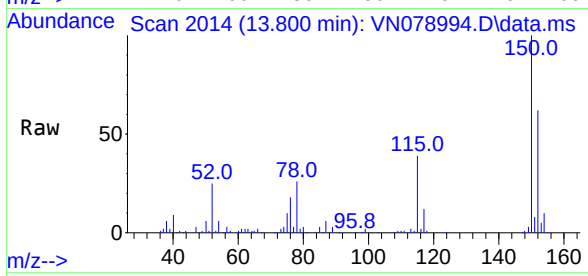
Tgt Ion: 117 Resp: 331071
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 33.8 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078994.D
Acq: 22 Aug 2023 15:11

Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#09



Tgt Ion:152 Resp: 96287

Ion	Ratio	Lower	Upper
152	100		
115	59.9	32.3	96.8
150	156.4	0.0	355.8

