

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078951.D
 Acq On : 18 Aug 2023 18:48
 Operator : JC\MD
 Sample : PB154902ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#08

Quant Time: Aug 19 07:22:05 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)

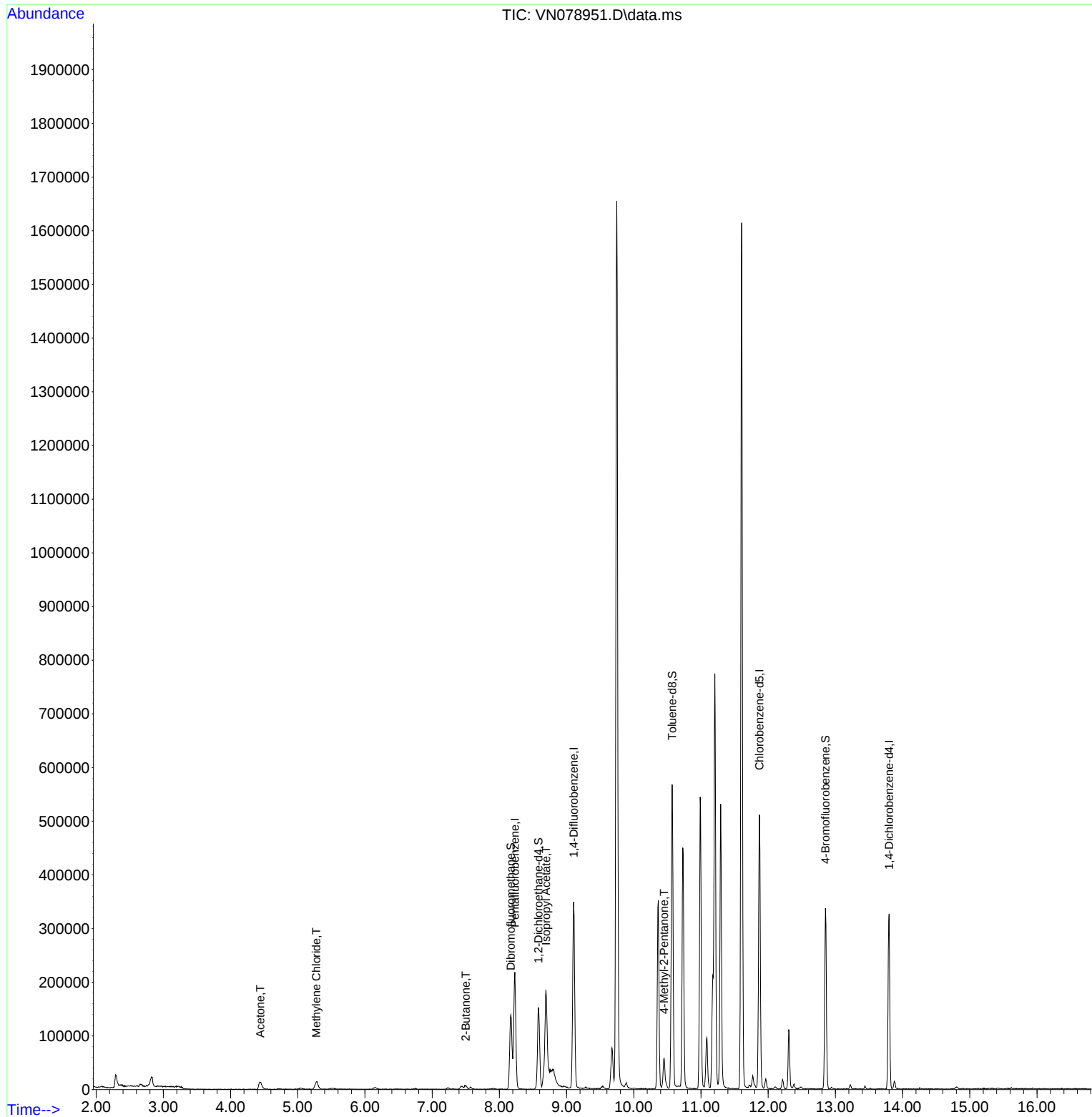
Internal Standards						
1) Pentafluorobenzene	8.229	168	153914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	289970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	288675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	85882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121877	50.887	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.780%	
35) Dibromofluoromethane	8.171	113	102145	52.330	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.660%	
50) Toluene-d8	10.571	98	379926	52.420	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	12.853	95	105589	44.572	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.140%	
Target Compounds						
						Qvalue
16) Acetone	4.441	43	28036	28.370	ug/l	90
20) Methylene Chloride	5.277	84	10741	5.100	ug/l #	77
25) 2-Butanone	7.500	43	12082	7.626	ug/l #	61
43) Isopropyl Acetate	8.694	43	240125	41.354	ug/l #	72
51) 4-Methyl-2-Pentanone	10.453	43	46680	13.554	ug/l #	80

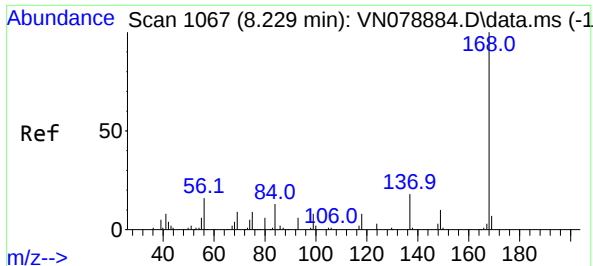
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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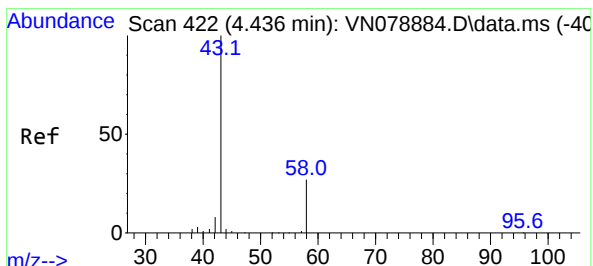
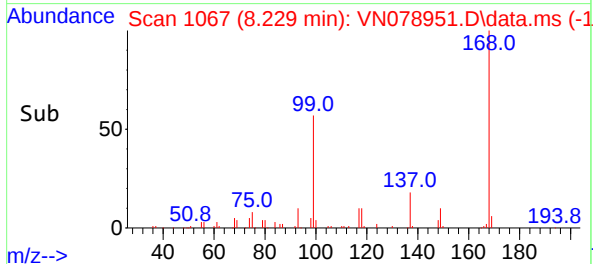
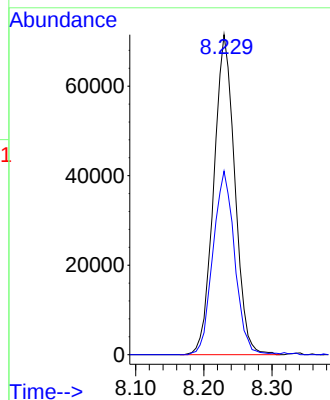
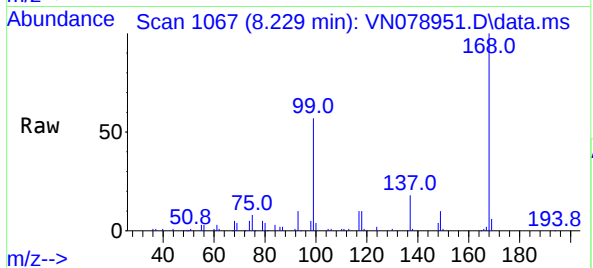




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078951.D
Acq: 18 Aug 2023 18:48

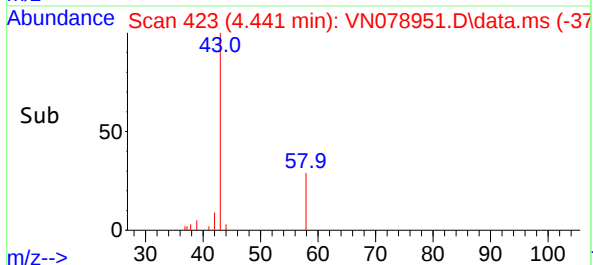
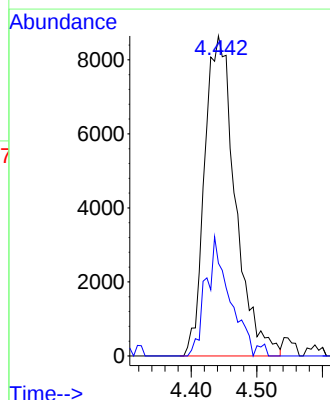
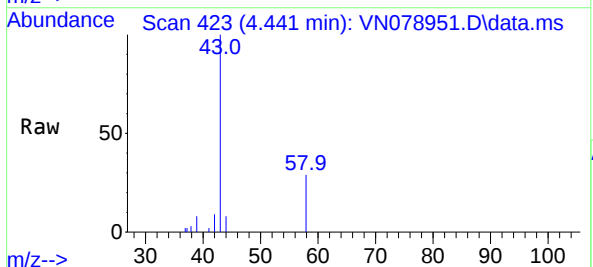
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#08

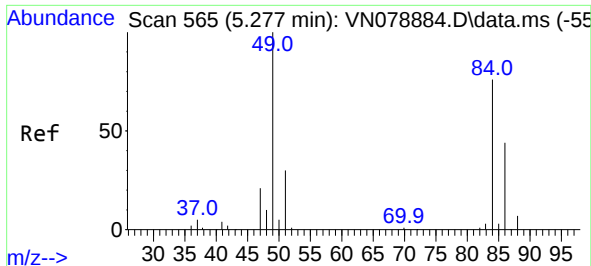
Tgt Ion:168 Resp: 153914
Ion Ratio Lower Upper
168 100
99 57.4 53.0 79.6



#16
Acetone
Concen: 28.370 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078951.D
Acq: 18 Aug 2023 18:48

Tgt Ion: 43 Resp: 28036
Ion Ratio Lower Upper
43 100
58 29.0 28.0 42.0



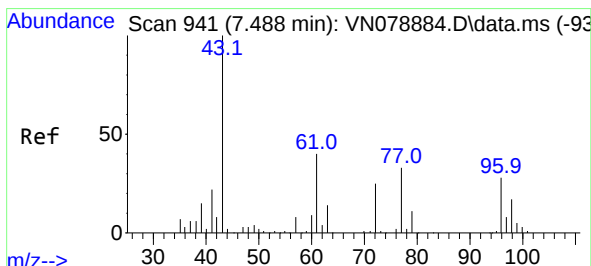
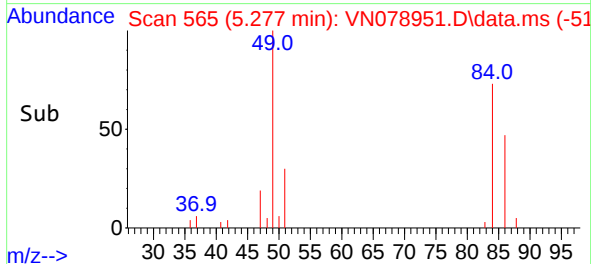
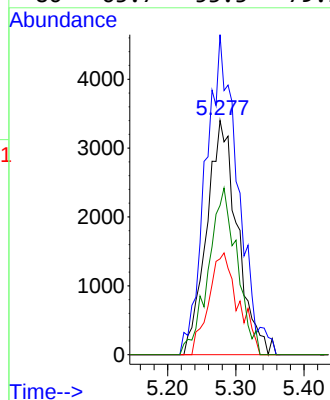
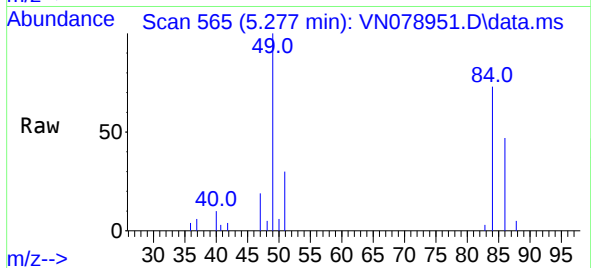


#20
Methylene Chloride
Concen: 5.100 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078951.D
Acq: 18 Aug 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#08

Tgt Ion: 84 Resp: 10741

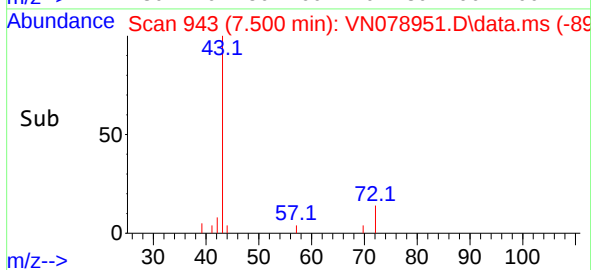
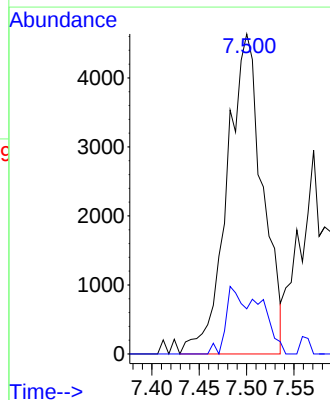
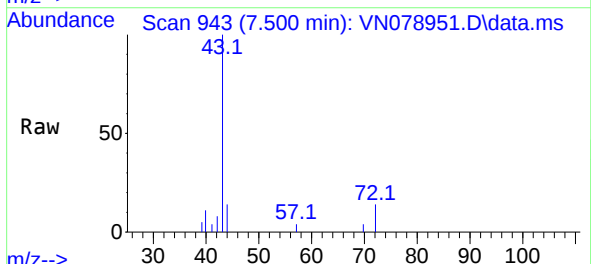
Ion	Ratio	Lower	Upper
84	100		
49	136.6	79.7	119.5#
51	40.9	25.2	37.8#
86	63.7	53.3	79.9

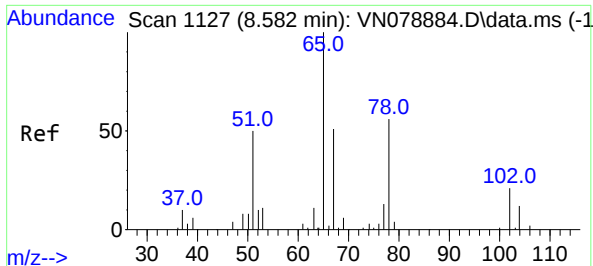


#25
2-Butanone
Concen: 7.626 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078951.D
Acq: 18 Aug 2023 18:48

Tgt Ion: 43 Resp: 12082

Ion	Ratio	Lower	Upper
43	100		
72	14.1	30.2	45.2#

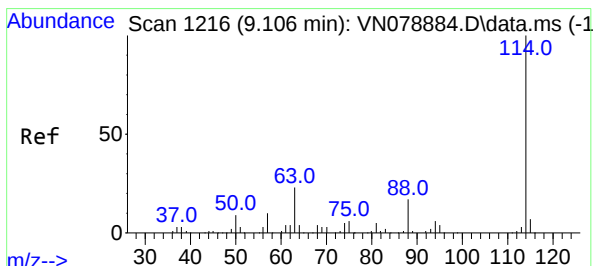
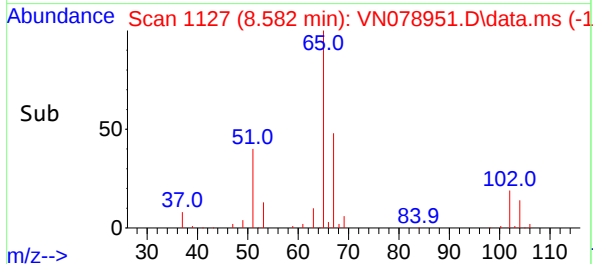
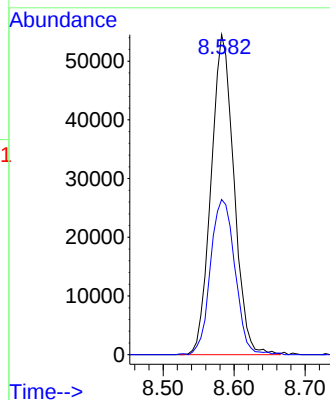
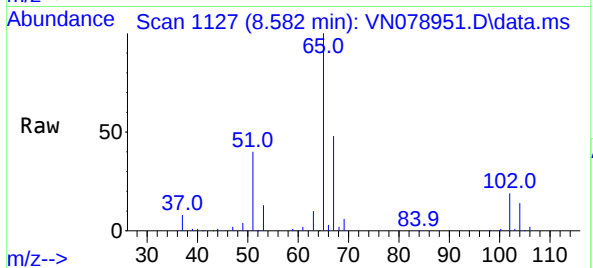




#33
1,2-Dichloroethane-d4
Concen: 50.887 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN078951.D
Acq: 18 Aug 2023 18:48

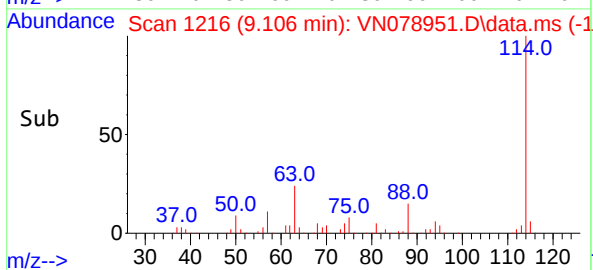
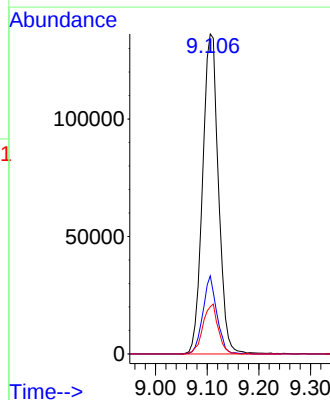
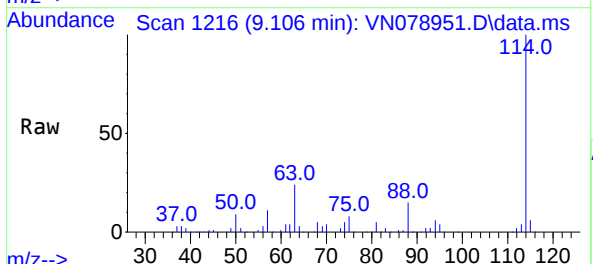
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#08

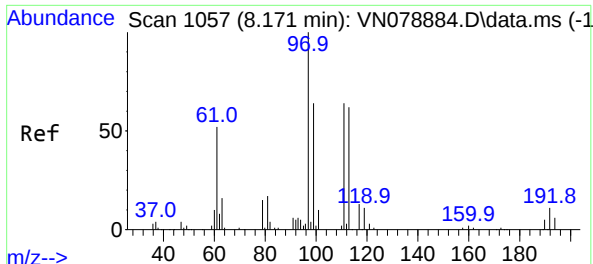
Tgt Ion: 65 Resp: 121877
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078951.D
Acq: 18 Aug 2023 18:48

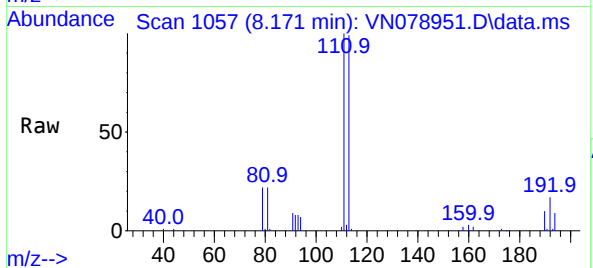
Tgt Ion: 114 Resp: 289970
Ion Ratio Lower Upper
114 100
63 24.4 0.0 36.4
88 14.7 0.0 30.6



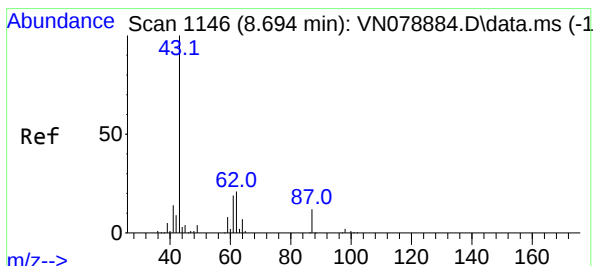
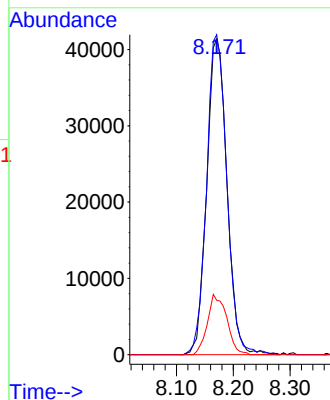
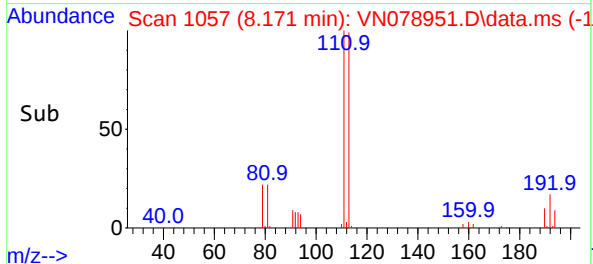


#35
Dibromofluoromethane
Concen: 52.330 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078951.D
Acq: 18 Aug 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#08

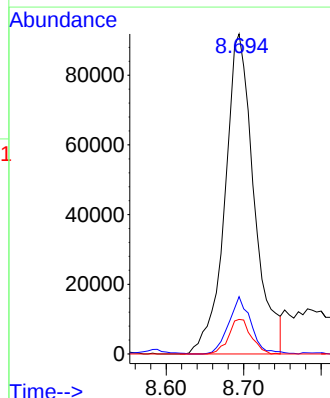
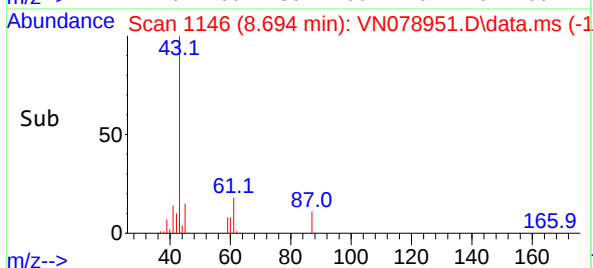
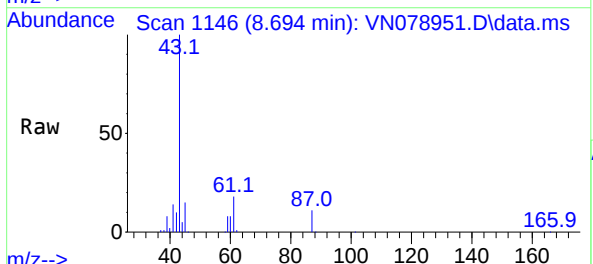


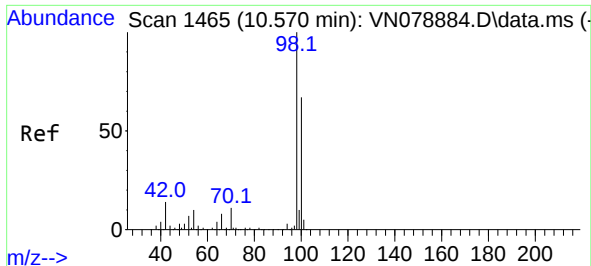
Tgt Ion:113 Resp: 102145
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 18.2 12.7 19.1



#43
Isopropyl Acetate
Concen: 41.354 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078951.D
Acq: 18 Aug 2023 18:48

Tgt Ion: 43 Resp: 240125
Ion Ratio Lower Upper
43 100
61 13.8 24.7 37.1#
87 8.4 14.6 21.8#

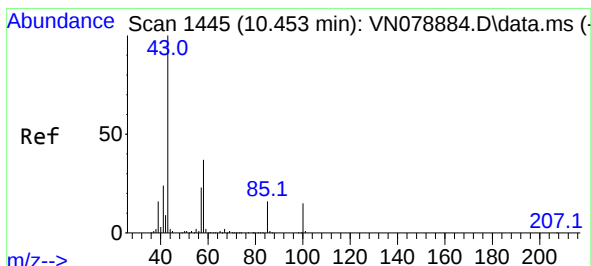
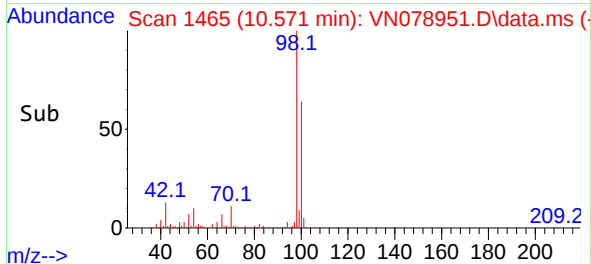
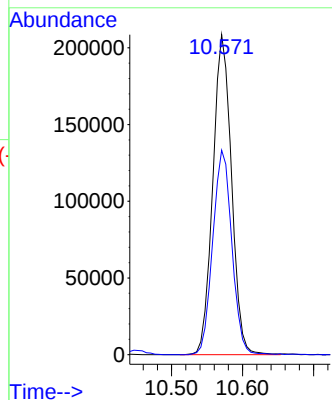
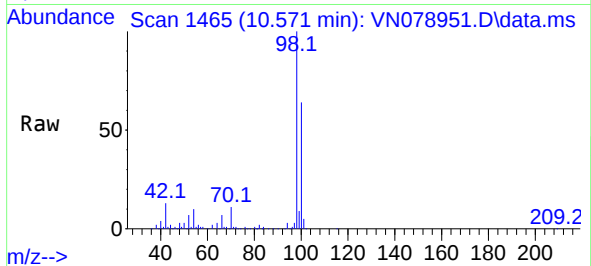




#50
Toluene-d8
Concen: 52.420 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078951.D
Acq: 18 Aug 2023 18:48

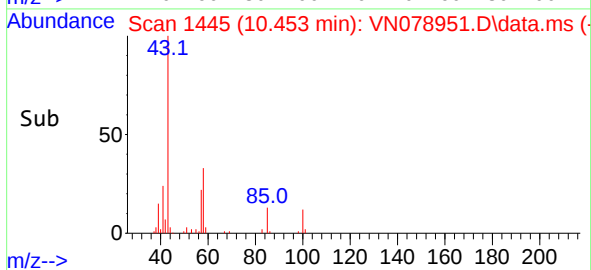
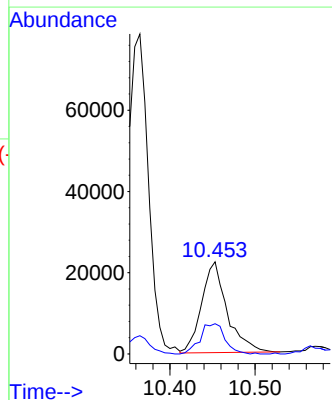
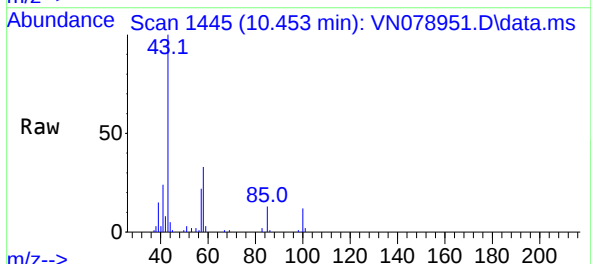
Instrument :
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PB154902ZHE#08

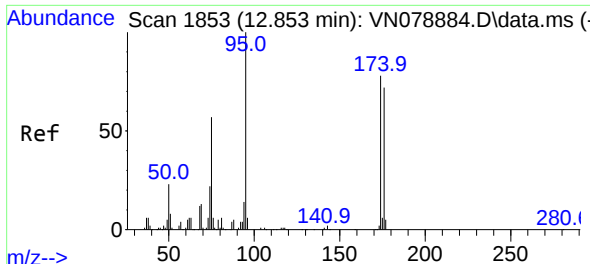
Tgt Ion: 98 Resp: 379926
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 13.554 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078951.D
Acq: 18 Aug 2023 18:48

Tgt Ion: 43 Resp: 46680
Ion Ratio Lower Upper
43 100
58 32.3 36.6 54.8#

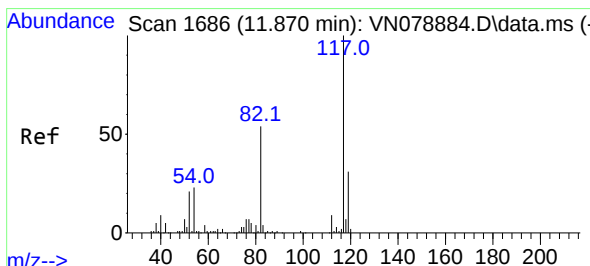
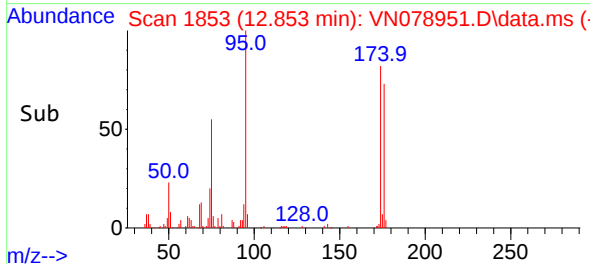
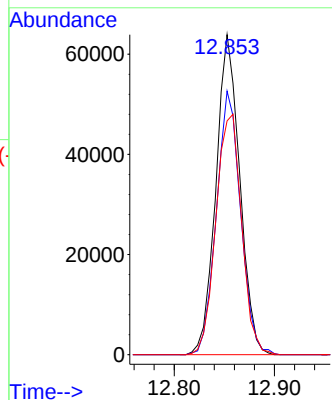
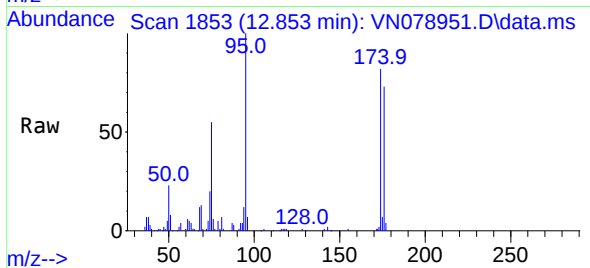




#62
4-Bromofluorobenzene
Concen: 44.572 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078951.D
Acq: 18 Aug 2023 18:48

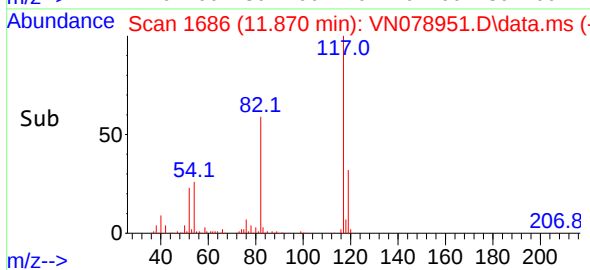
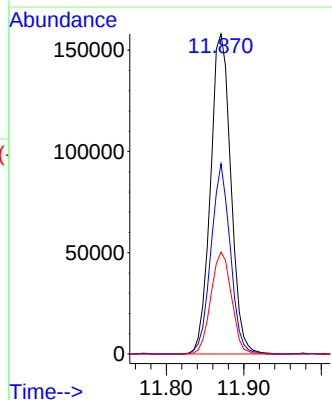
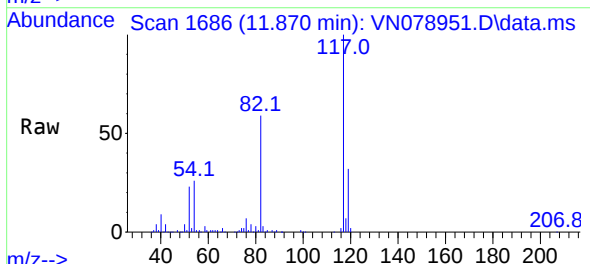
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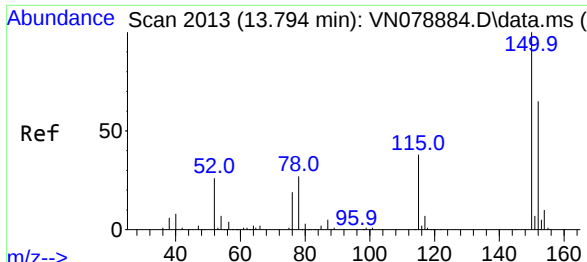
Tgt Ion: 95 Resp: 105589
Ion Ratio Lower Upper
95 100
174 83.6 0.0 143.8
176 81.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN078951.D
Acq: 18 Aug 2023 18:48

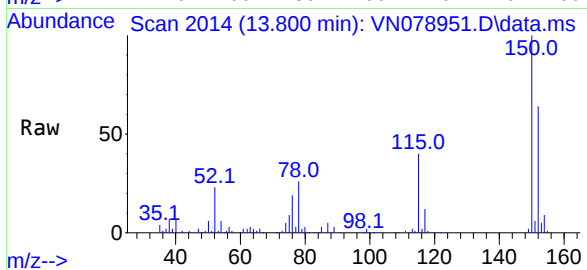
Tgt Ion: 117 Resp: 288675
Ion Ratio Lower Upper
117 100
82 59.4 44.0 66.0
119 31.8 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN078951.D
Acq: 18 Aug 2023 18:48

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#08



Tgt Ion:152 Resp: 85882
Ion Ratio Lower Upper
152 100
115 59.5 32.3 96.8
150 157.9 0.0 355.8

