

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078947.D
 Acq On : 18 Aug 2023 17:11
 Operator : JC\MD
 Sample : PB154902ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#04

Quant Time: Aug 18 23:45:02 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)

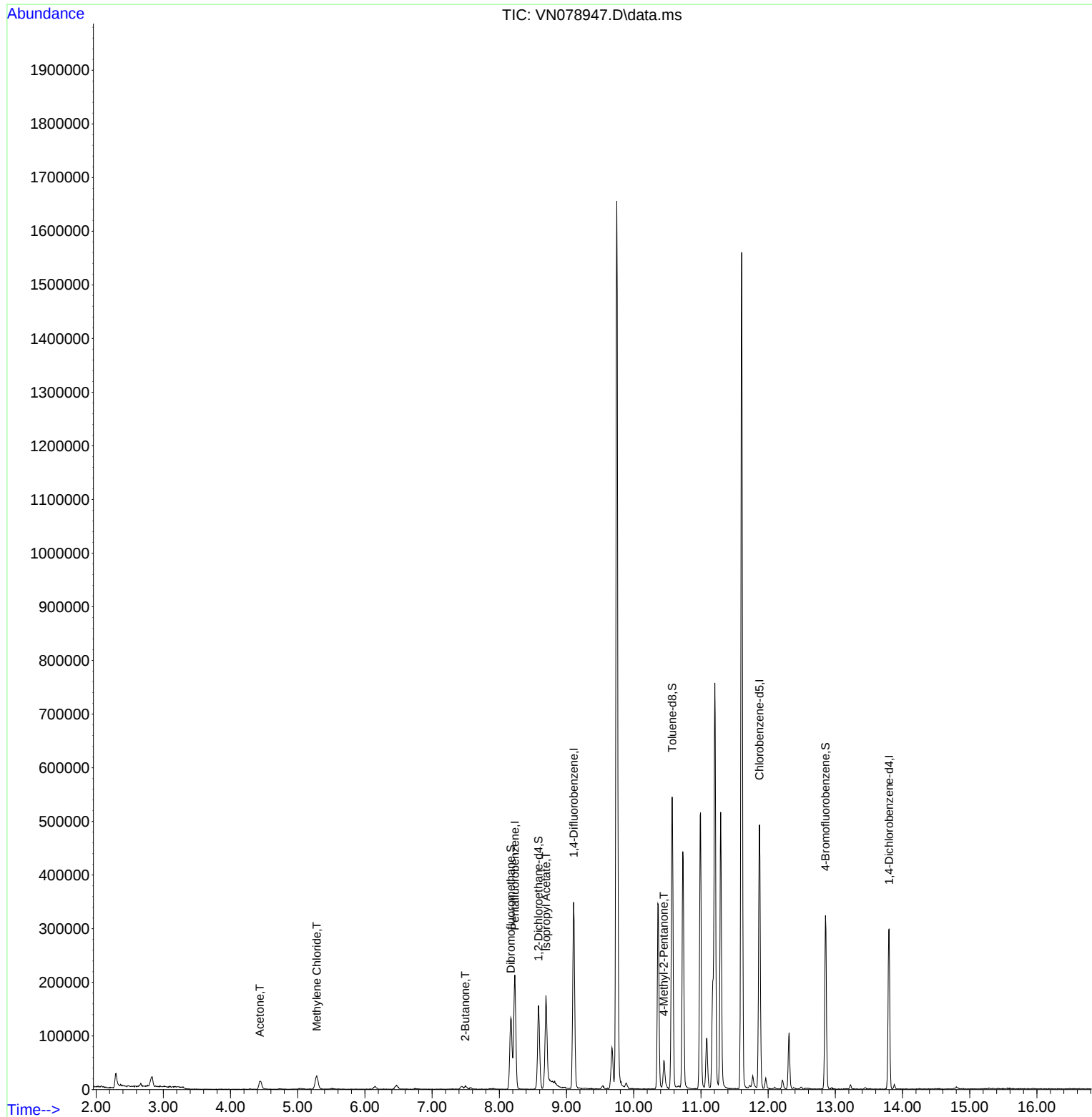
Internal Standards						
1) Pentafluorobenzene	8.230	168	149595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	275884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	81514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117123	50.314	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.620%	
35) Dibromofluoromethane	8.171	113	95930	50.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.340%	
50) Toluene-d8	10.571	98	369102	52.506	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.020%	
62) 4-Bromofluorobenzene	12.853	95	103494	45.042	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.080%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	30217	31.460	ug/l	91
20) Methylene Chloride	5.283	84	18050	8.818	ug/l #	71
25) 2-Butanone	7.494	43	8788	5.707	ug/l	99
43) Isopropyl Acetate	8.694	43	197739	35.110	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	41760	12.502	ug/l #	81

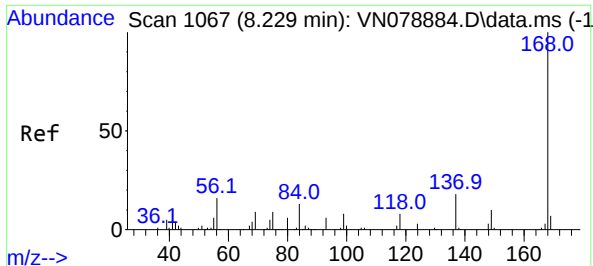
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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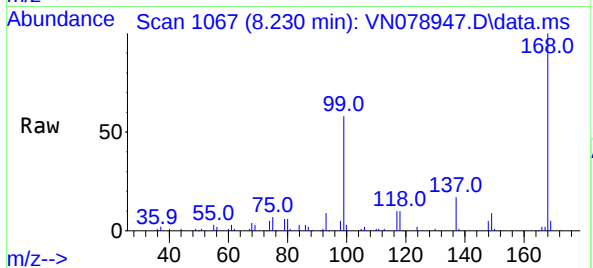
Quant Time: Aug 18 23:45:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
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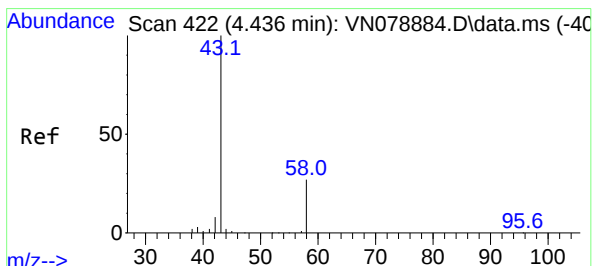
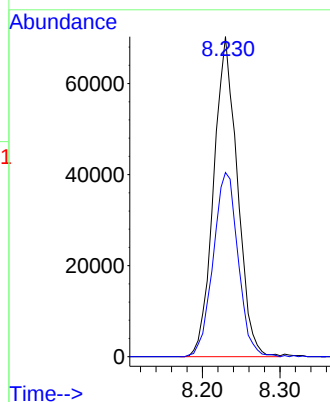
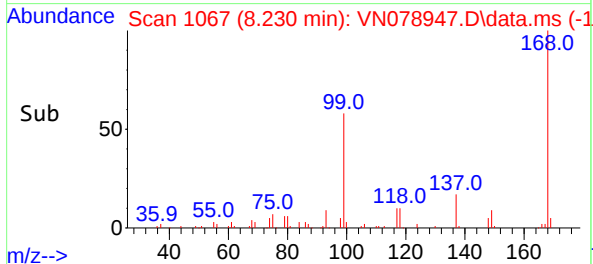


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078947.D
Acq: 18 Aug 2023 17:11

Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#04

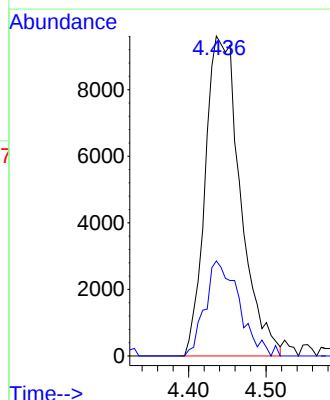
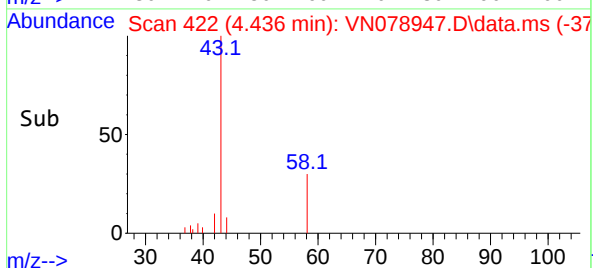
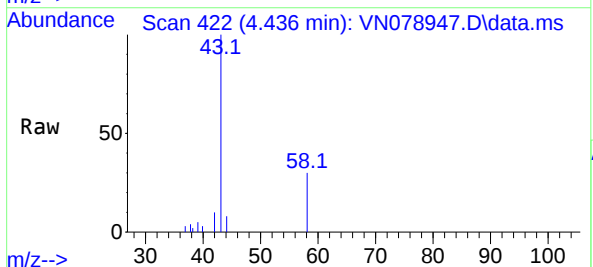


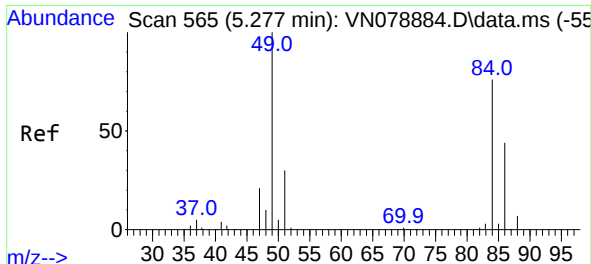
Tgt Ion:168 Resp: 149595
Ion Ratio Lower Upper
168 100
99 57.5 53.0 79.6



#16
Acetone
Concen: 31.460 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078947.D
Acq: 18 Aug 2023 17:11

Tgt Ion: 43 Resp: 30217
Ion Ratio Lower Upper
43 100
58 29.7 28.0 42.0

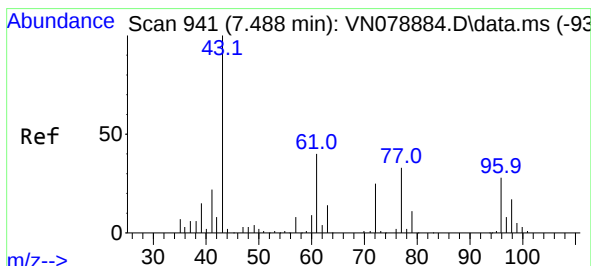
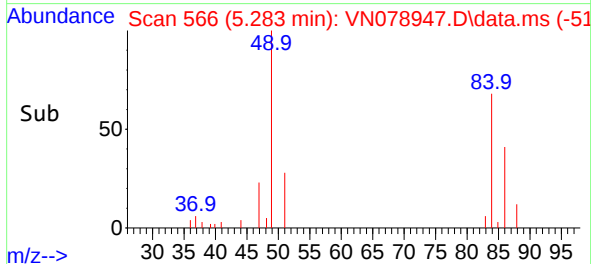
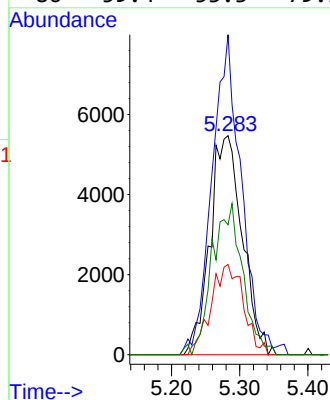
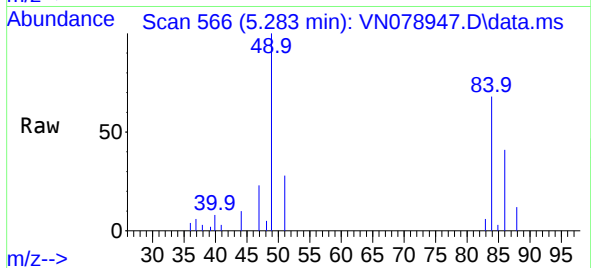




#20
Methylene Chloride
Concen: 8.818 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078947.D
Acq: 18 Aug 2023 17:11

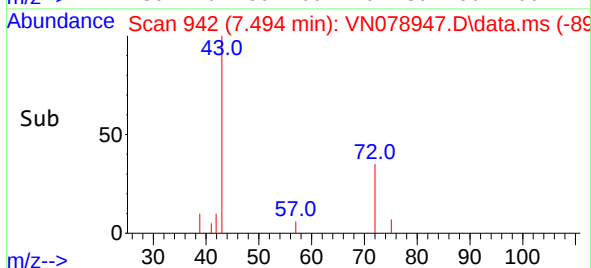
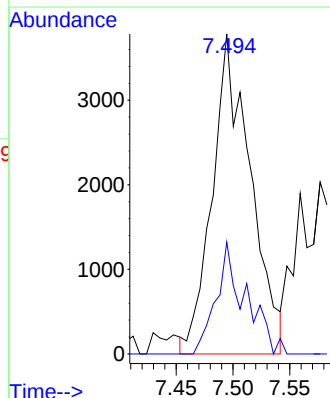
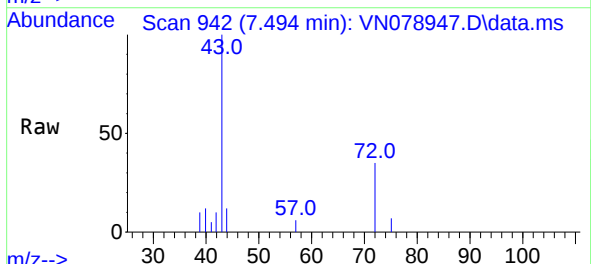
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#04

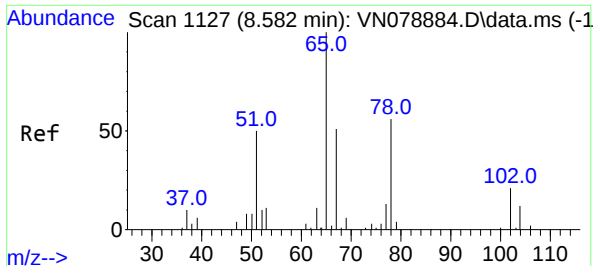
Tgt Ion:	84	Resp:	18050
Ion	Ratio	Lower	Upper
84	100		
49	146.1	79.7	119.5#
51	41.2	25.2	37.8#
86	59.4	53.3	79.9



#25
2-Butanone
Concen: 5.707 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078947.D
Acq: 18 Aug 2023 17:11

Tgt Ion:	43	Resp:	8788
Ion	Ratio	Lower	Upper
43	100		
72	36.9	30.2	45.2

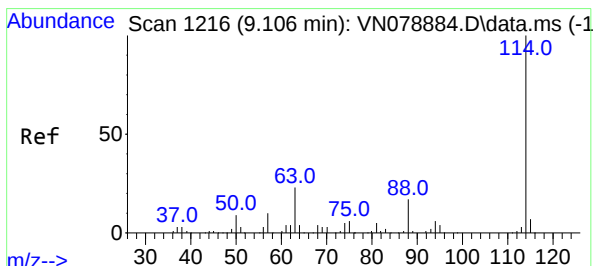
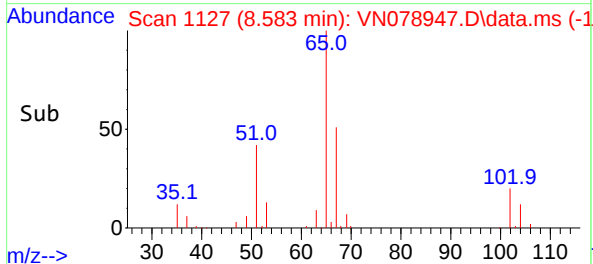
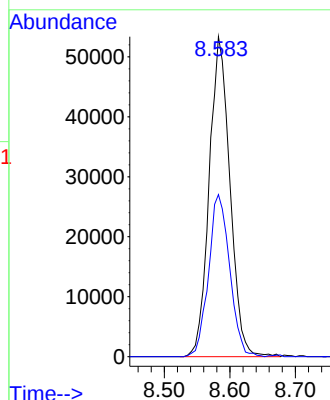
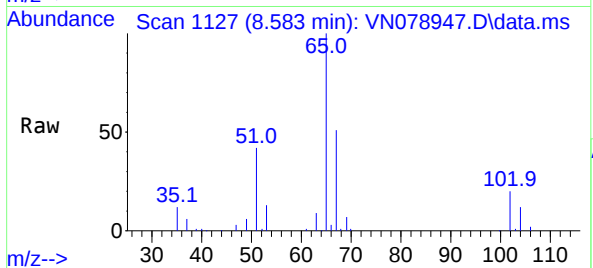




#33
1,2-Dichloroethane-d4
Concen: 50.314 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078947.D
Acq: 18 Aug 2023 17:11

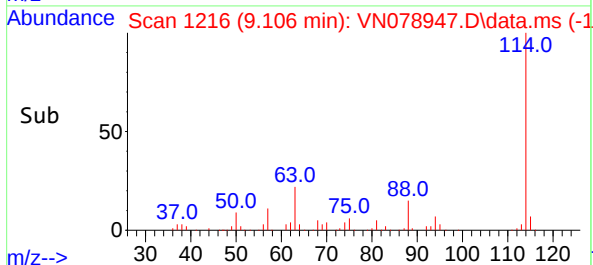
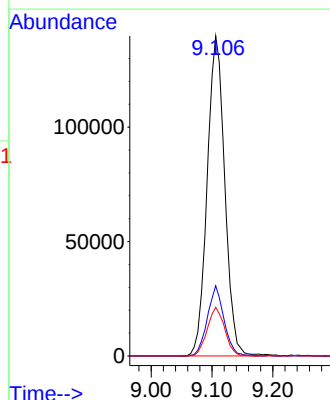
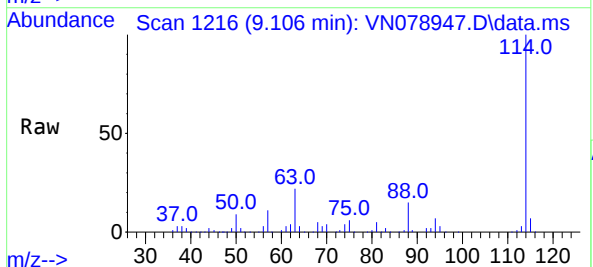
Instrument :
MSVOA_N
ClientSampleId :
PB154902ZHE#04

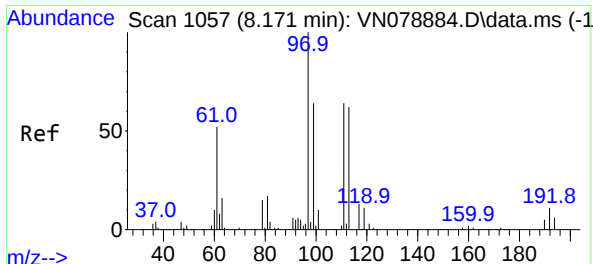
Tgt Ion: 65 Resp: 117123
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078947.D
Acq: 18 Aug 2023 17:11

Tgt Ion: 114 Resp: 281251
Ion Ratio Lower Upper
114 100
63 22.0 0.0 36.4
88 15.2 0.0 30.6

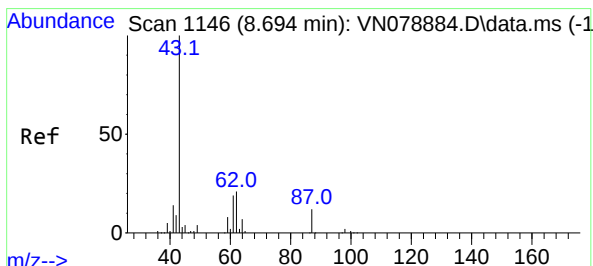
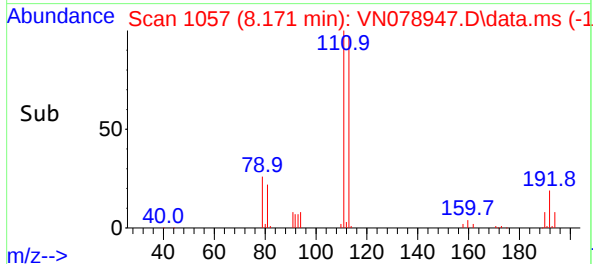
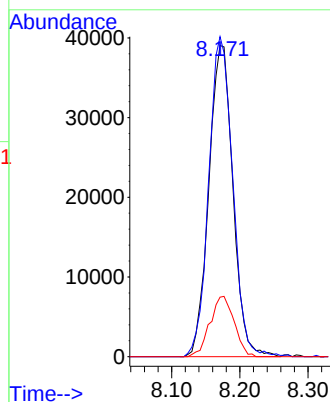
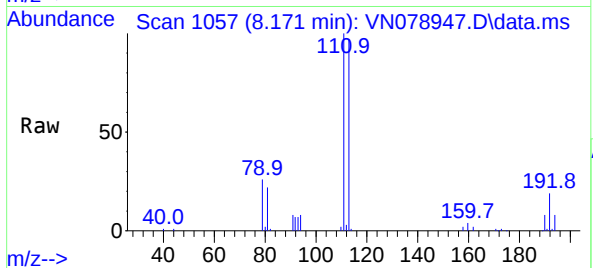




#35
Dibromofluoromethane
Concen: 50.670 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078947.D
Acq: 18 Aug 2023 17:11

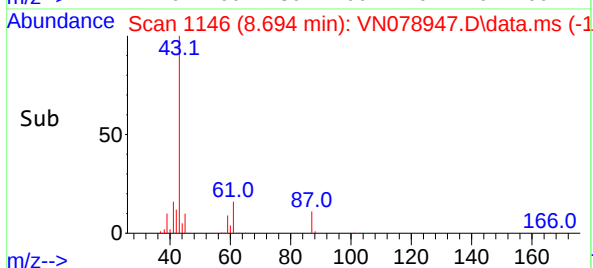
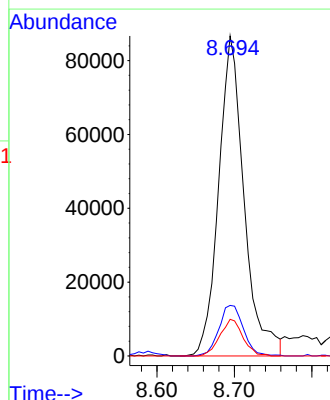
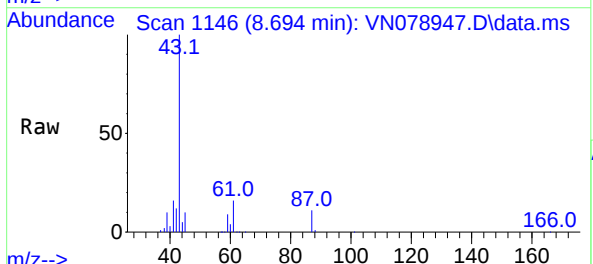
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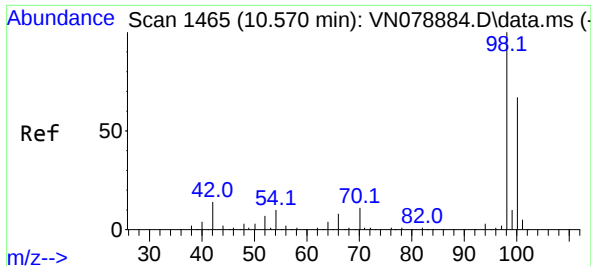
Tgt Ion:113 Resp: 95930
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 19.5 12.7 19.1#



#43
Isopropyl Acetate
Concen: 35.110 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078947.D
Acq: 18 Aug 2023 17:11

Tgt Ion: 43 Resp: 197739
Ion Ratio Lower Upper
43 100
61 15.3 24.7 37.1#
87 10.4 14.6 21.8#

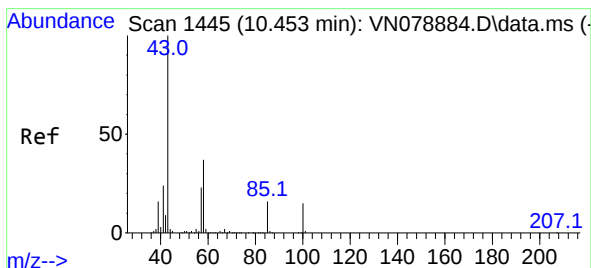
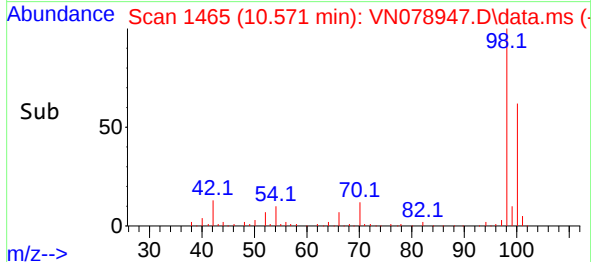
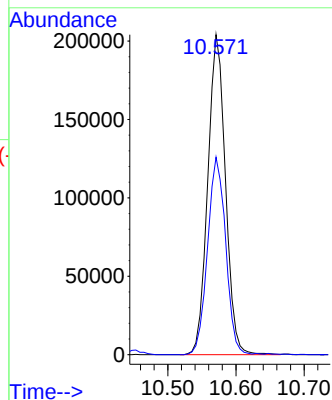
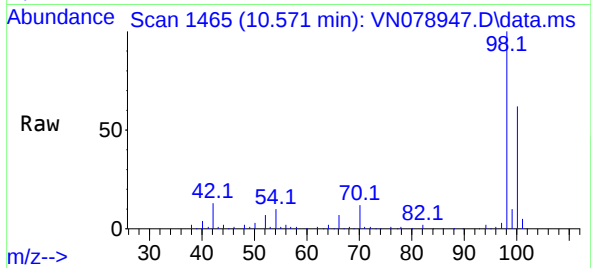




#50
Toluene-d8
Concen: 52.506 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078947.D
Acq: 18 Aug 2023 17:11

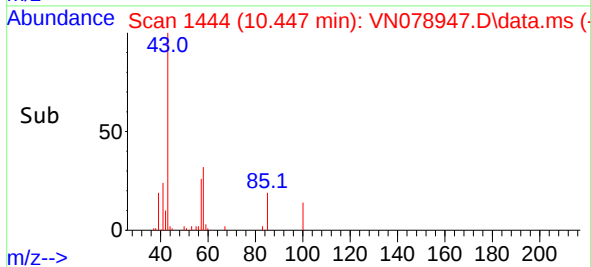
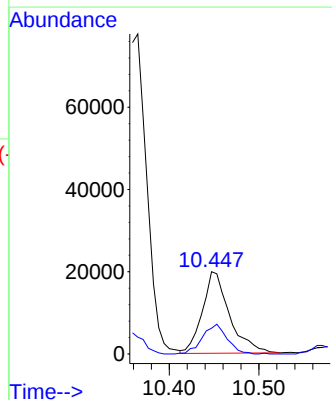
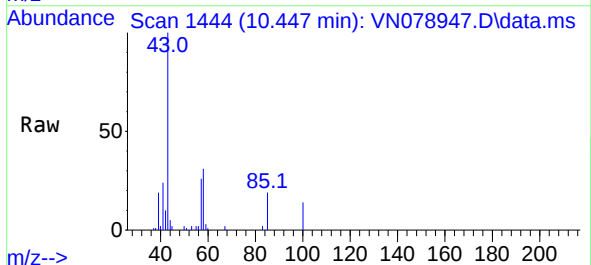
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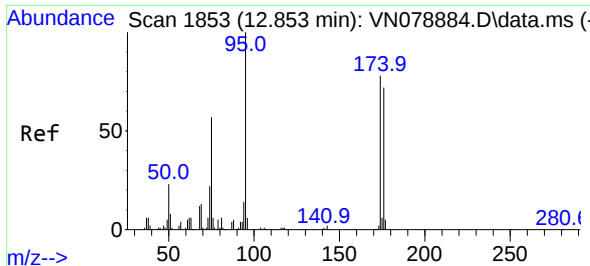
Tgt Ion: 98 Resp: 369102
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 12.502 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078947.D
Acq: 18 Aug 2023 17:11

Tgt Ion: 43 Resp: 41760
Ion Ratio Lower Upper
43 100
58 33.0 36.6 54.8#

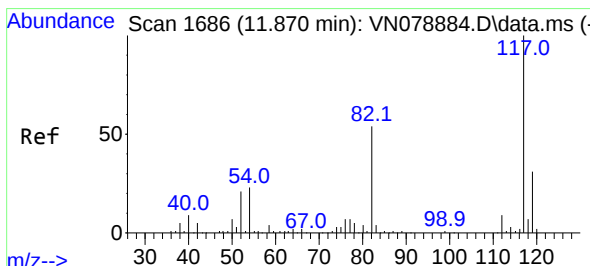
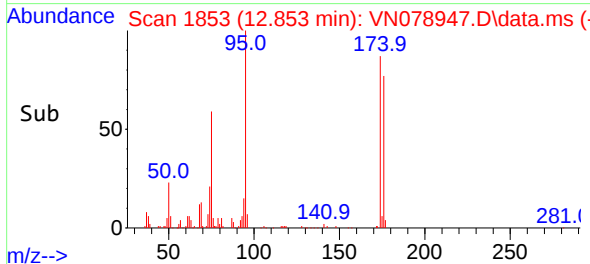
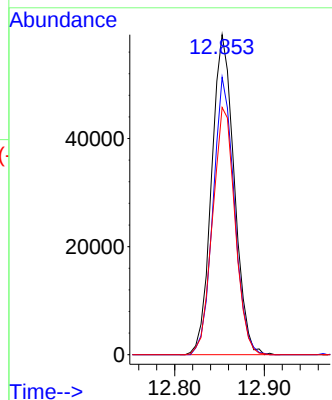
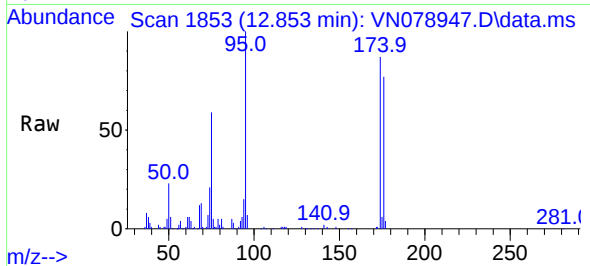




#62
4-Bromofluorobenzene
Concen: 45.042 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078947.D
Acq: 18 Aug 2023 17:11

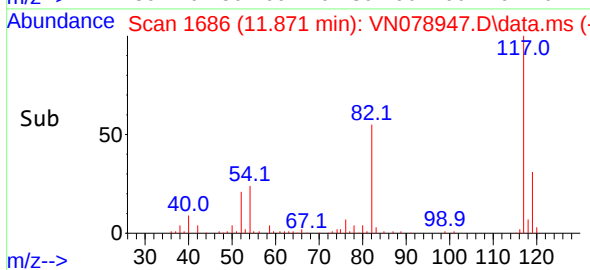
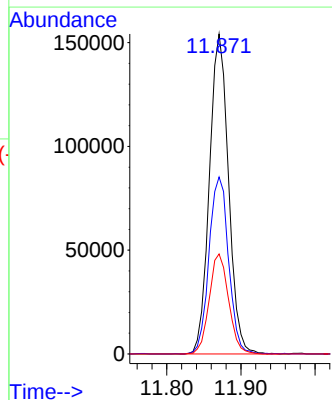
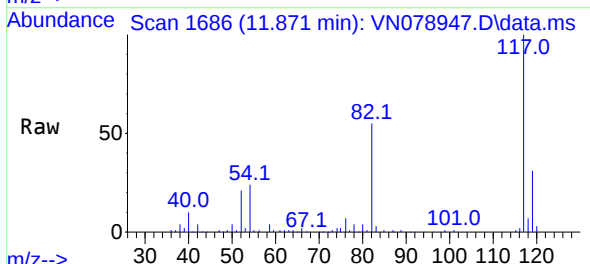
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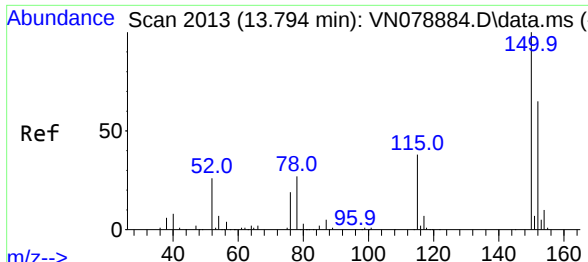
Tgt Ion: 95 Resp: 103494
Ion Ratio Lower Upper
95 100
174 81.6 0.0 143.8
176 76.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078947.D
Acq: 18 Aug 2023 17:11

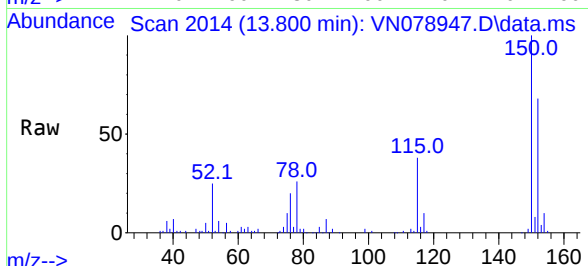
Tgt Ion: 117 Resp: 275884
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 31.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN078947.D
 Acq: 18 Aug 2023 17:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902ZHE#04



Tgt Ion:152 Resp: 81514
 Ion Ratio Lower Upper
 152 100
 115 59.2 32.3 96.8
 150 151.6 0.0 355.8

