

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078847.D
 Acq On : 10 Aug 2023 19:10
 Operator : JC\MD
 Sample : PB154726ZHE#18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154726ZHE#18

Quant Time: Aug 10 23:56:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

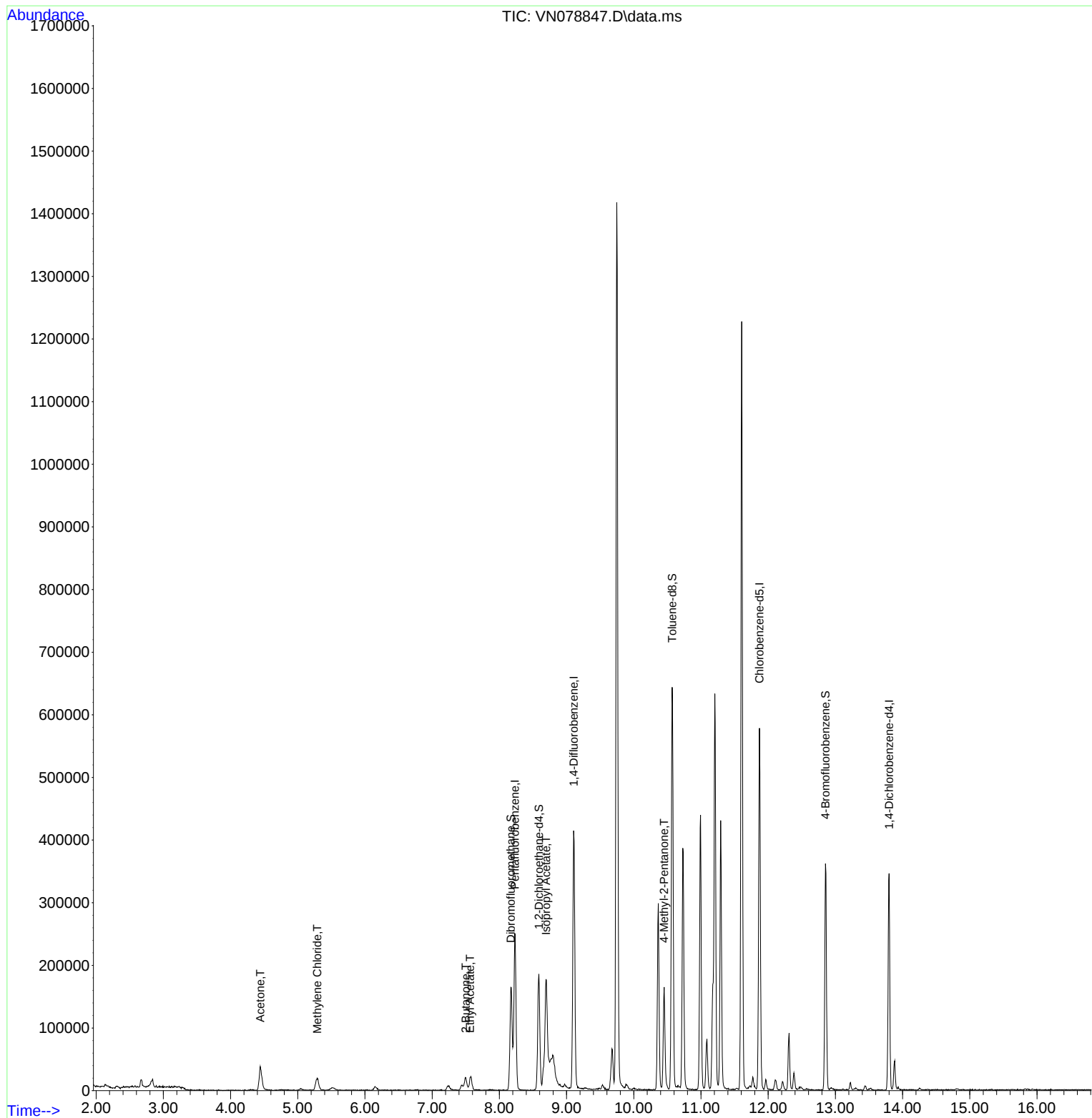
Internal Standards						
1) Pentafluorobenzene	8.230	168	169510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	313396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	86798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	142718	56.161	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.320%		
35) Dibromofluoromethane	8.171	113	114429	49.185	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.360%		
50) Toluene-d8	10.571	98	437331	51.081	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.160%		
62) 4-Bromofluorobenzene	12.853	95	117113	45.770	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.540%		
Target Compounds						
						Qvalue
16) Acetone	4.442	43	67909	69.454	ug/l	95
20) Methylene Chloride	5.289	84	14142	5.840	ug/l #	76
25) 2-Butanone	7.500	43	32451	19.600	ug/l #	77
37) Ethyl Acetate	7.565	43	35166	9.164	ug/l #	89
43) Isopropyl Acetate	8.694	43	245799	37.990	ug/l #	69
51) 4-Methyl-2-Pentanone	10.453	43	117439	29.633	ug/l #	83

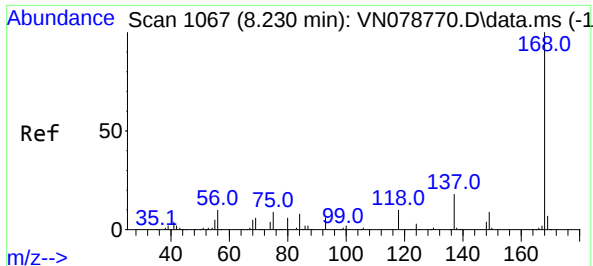
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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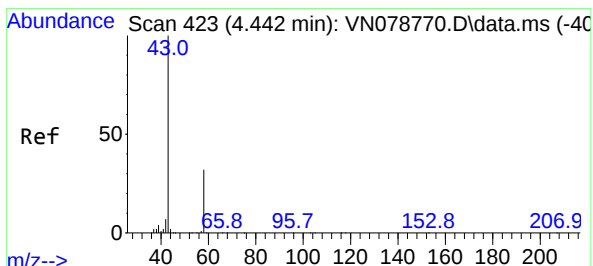
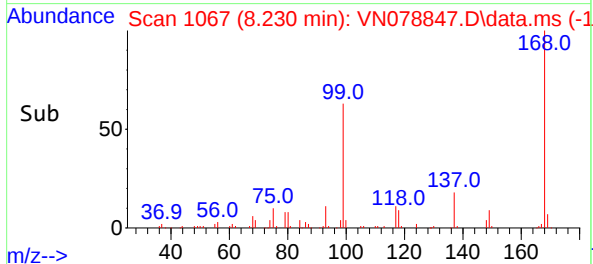
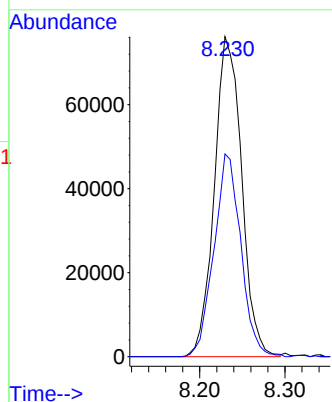
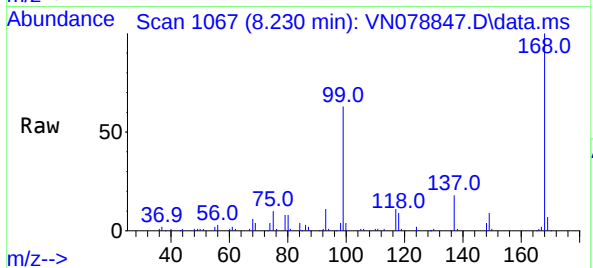




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078847.D
Acq: 10 Aug 2023 19:10

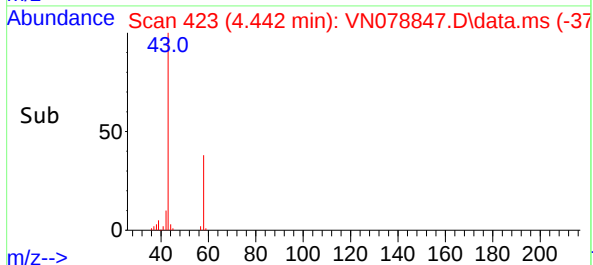
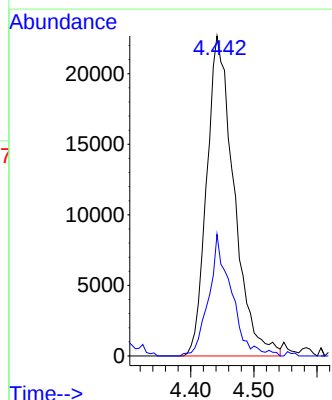
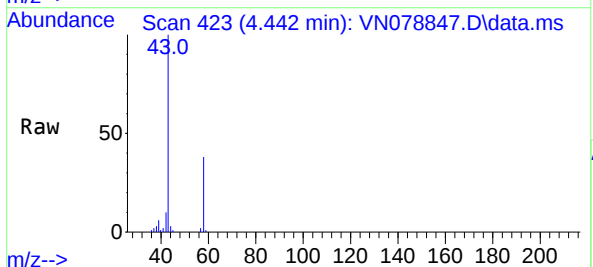
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#18

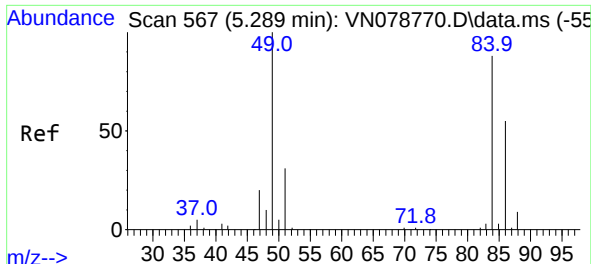
Tgt Ion:168 Resp: 169510
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#16
Acetone
Concen: 69.454 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078847.D
Acq: 10 Aug 2023 19:10

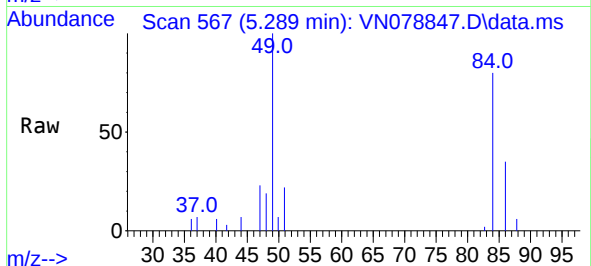
Tgt Ion: 43 Resp: 67909
Ion Ratio Lower Upper
43 100
58 38.0 28.0 42.0





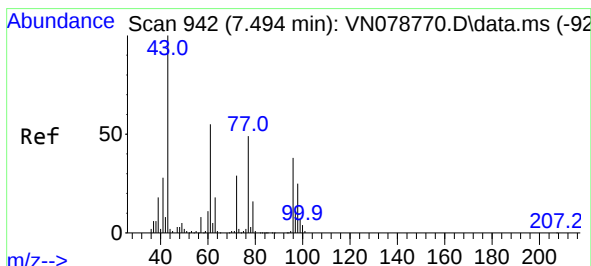
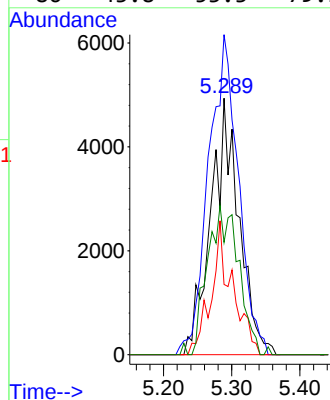
#20
Methylene Chloride
Concen: 5.840 ug/l
RT: 5.289 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN078847.D
Acq: 10 Aug 2023 19:10

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#18



Tgt Ion: 84 Resp: 14142

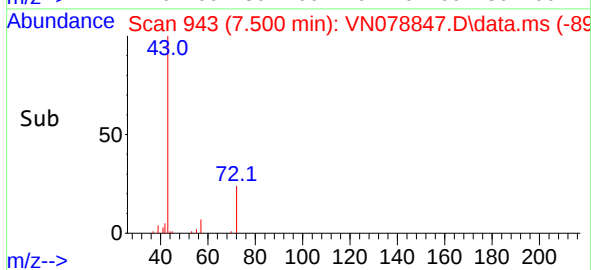
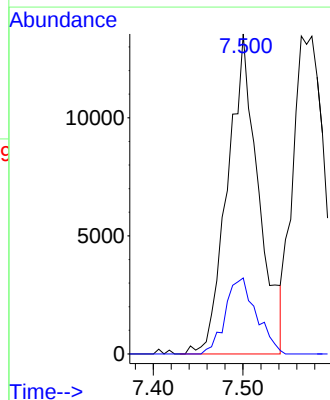
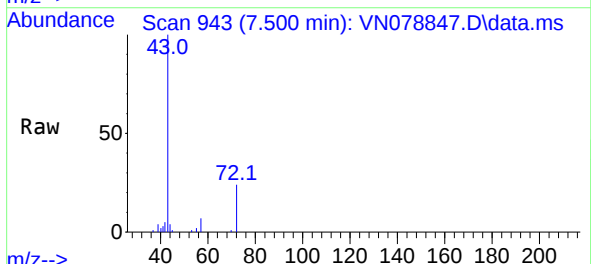
Ion	Ratio	Lower	Upper
84	100		
49	124.8	79.7	119.5#
51	27.4	25.2	37.8
86	43.8	53.3	79.9#

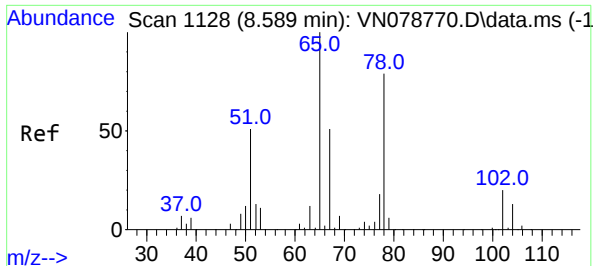


#25
2-Butanone
Concen: 19.600 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078847.D
Acq: 10 Aug 2023 19:10

Tgt Ion: 43 Resp: 32451

Ion	Ratio	Lower	Upper
43	100		
72	23.8	30.2	45.2#

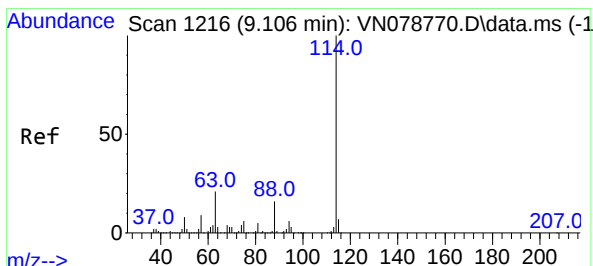
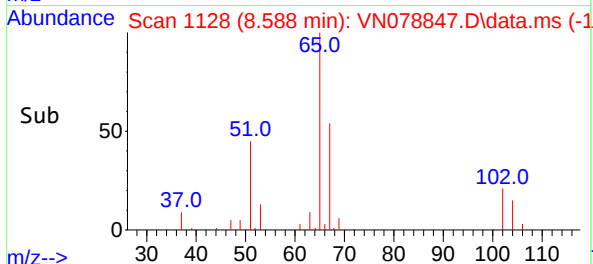
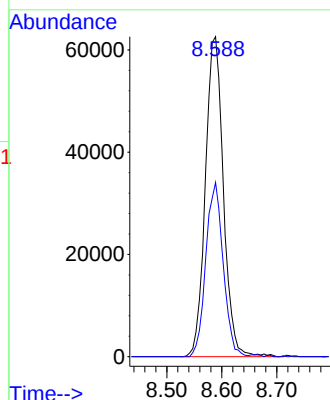
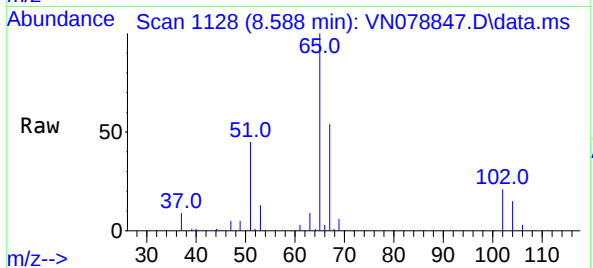




#33
1,2-Dichloroethane-d4
Concen: 56.161 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078847.D
Acq: 10 Aug 2023 19:10

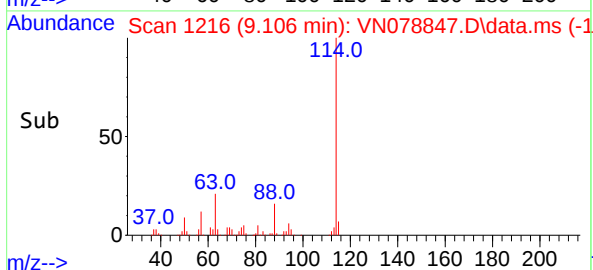
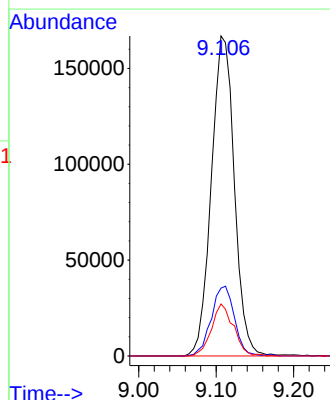
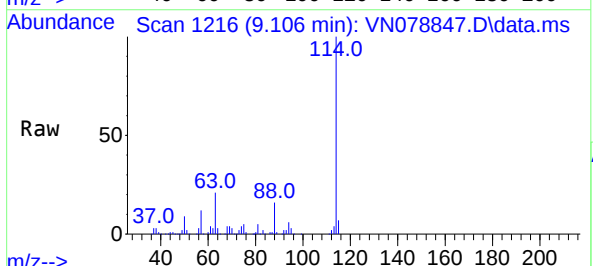
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#18

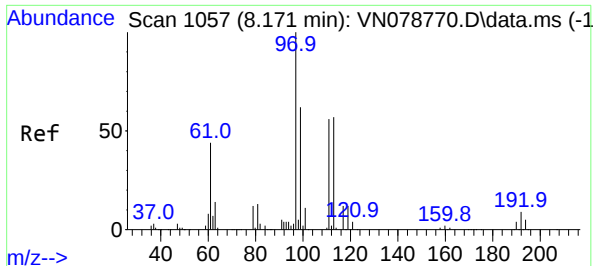
Tgt Ion: 65 Resp: 142718
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078847.D
Acq: 10 Aug 2023 19:10

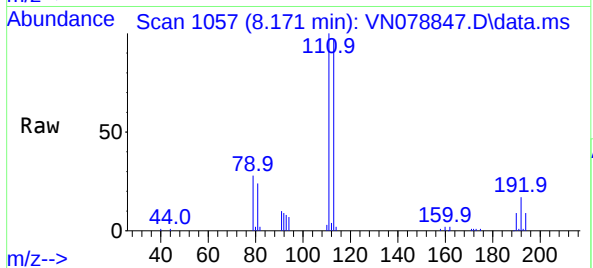
Tgt Ion: 114 Resp: 344511
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.4
88 16.3 0.0 30.6



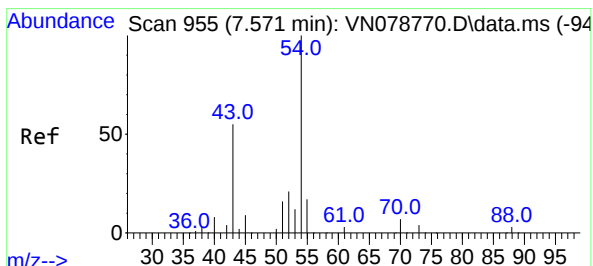
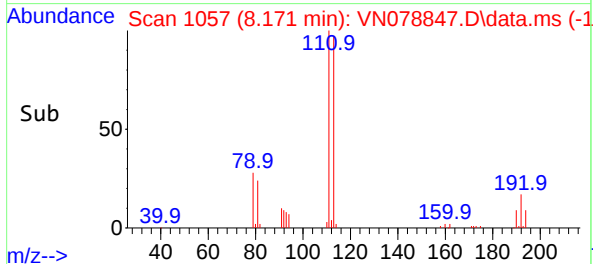
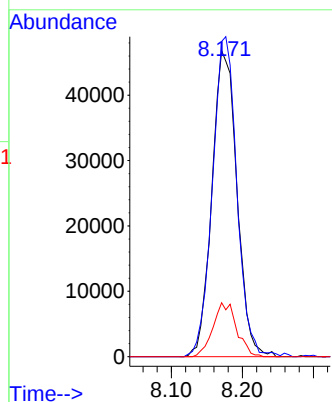


#35
Dibromofluoromethane
Concen: 49.185 ug/l
RT: 8.171 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078847.D
Acq: 10 Aug 2023 19:10

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#18

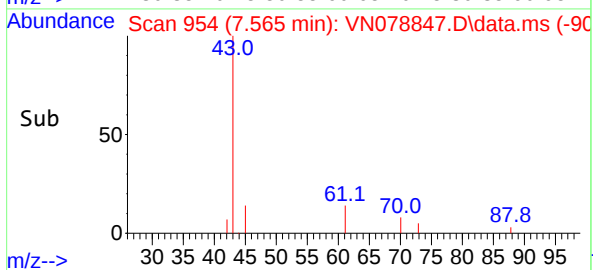
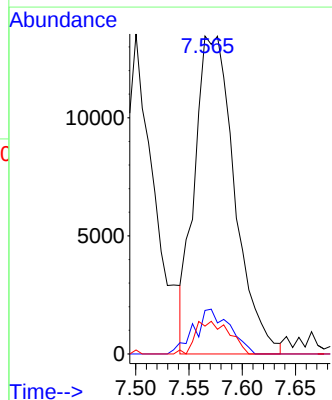
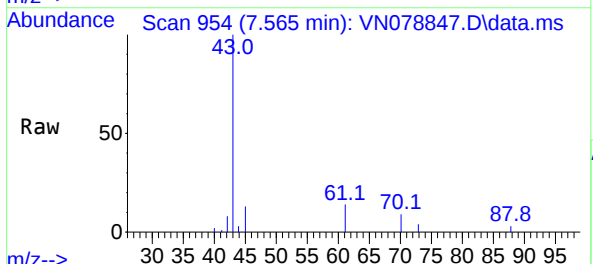


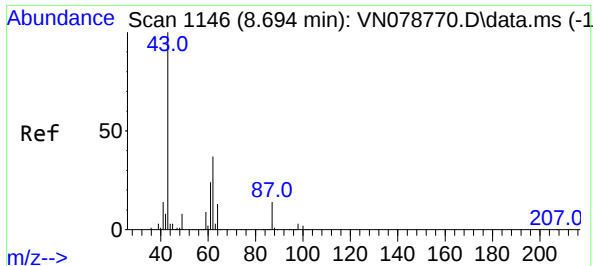
Tgt Ion:113 Resp: 114429
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 16.7 12.7 19.1



#37
Ethyl Acetate
Concen: 9.164 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.006 min
Lab File: VN078847.D
Acq: 10 Aug 2023 19:10

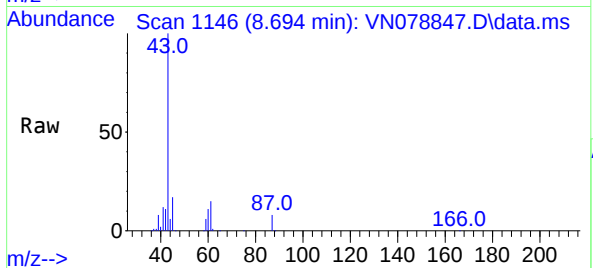
Tgt Ion: 43 Resp: 35166
Ion Ratio Lower Upper
43 100
61 12.5 13.2 19.8#
70 8.8 11.3 16.9#



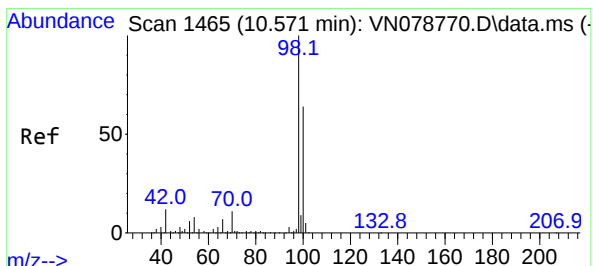
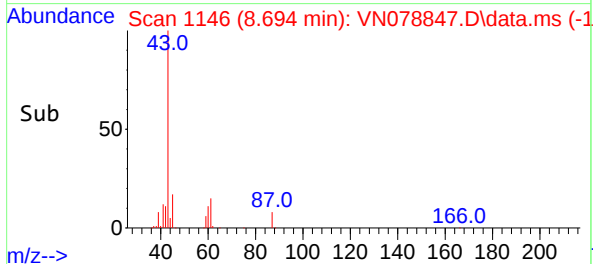
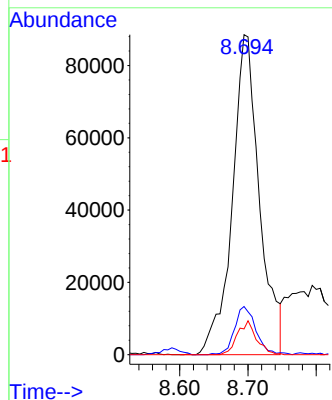


#43
Isopropyl Acetate
Concen: 37.990 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078847.D
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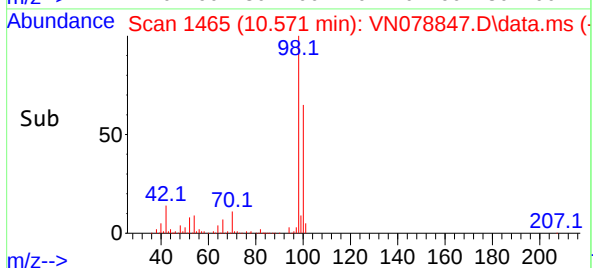
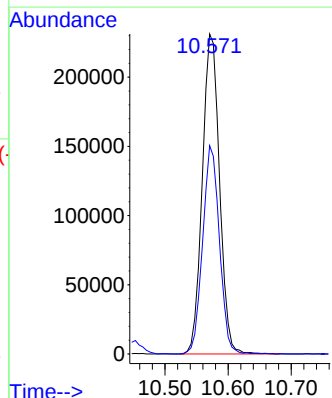
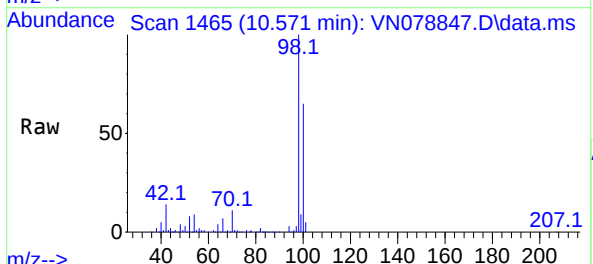


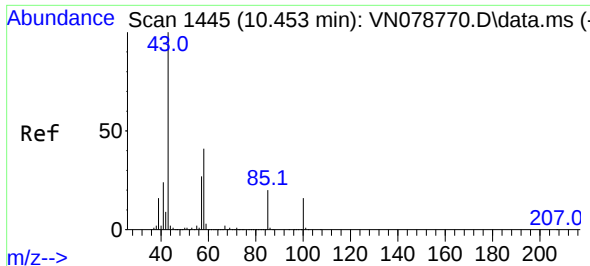
Tgt Ion: 43 Resp: 245799
Ion Ratio Lower Upper
43 100
61 11.9 24.7 37.1#
87 7.4 14.6 21.8#



#50
Toluene-d8
Concen: 51.081 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078847.D
Acq: 10 Aug 2023 19:10

Tgt Ion: 98 Resp: 437331
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

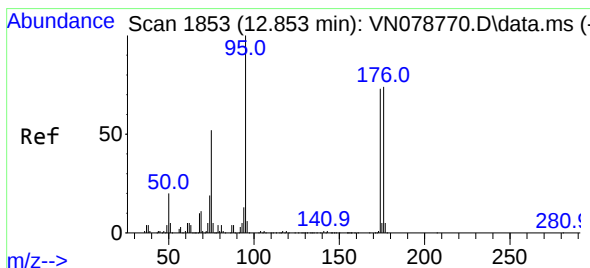
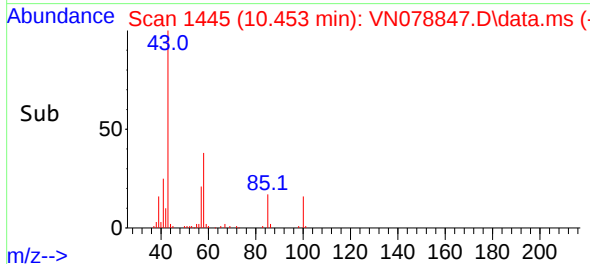
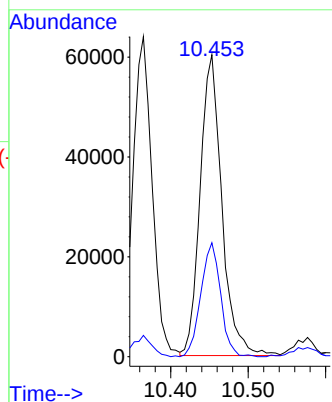
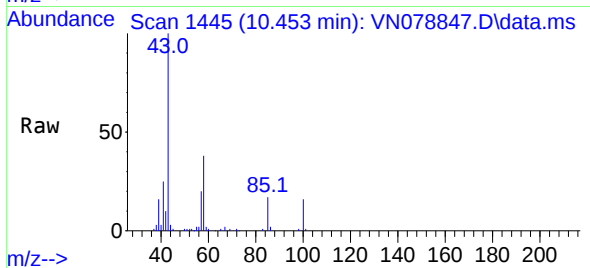




#51
4-Methyl-2-Pentanone
Concen: 29.633 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078847.D
Acq: 10 Aug 2023 19:10

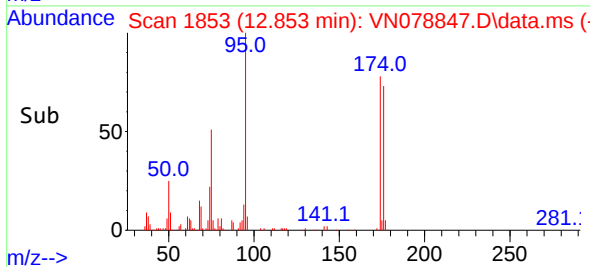
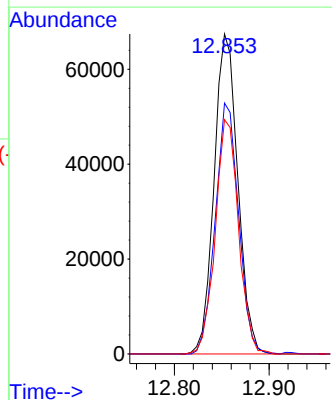
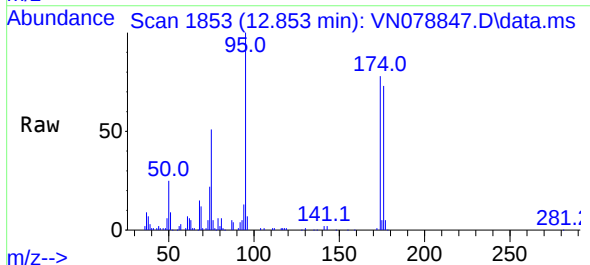
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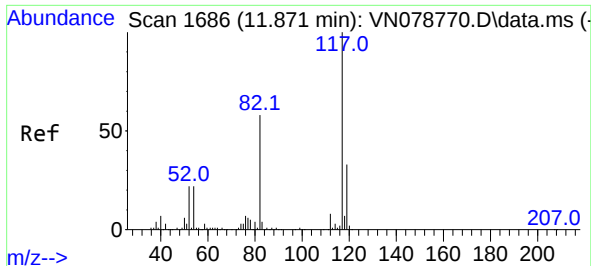
Tgt Ion: 43 Resp: 117439
Ion Ratio Lower Upper
43 100
58 34.5 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 45.770 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078847.D
Acq: 10 Aug 2023 19:10

Tgt Ion: 95 Resp: 117113
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 71.9 0.0 135.8

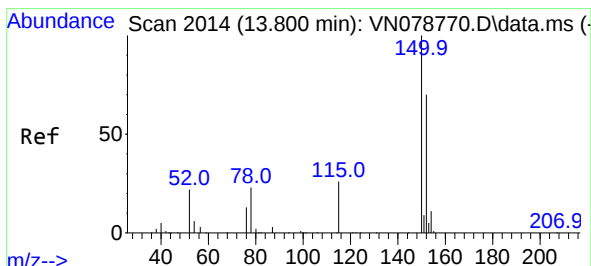
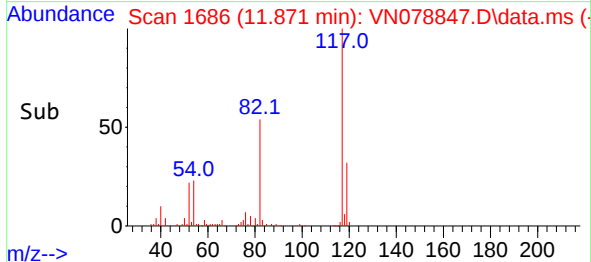
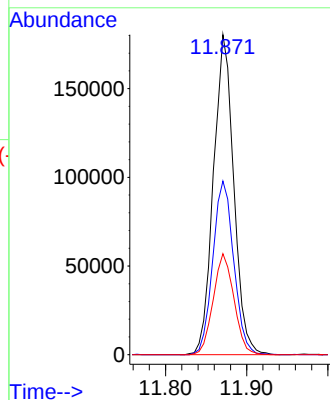
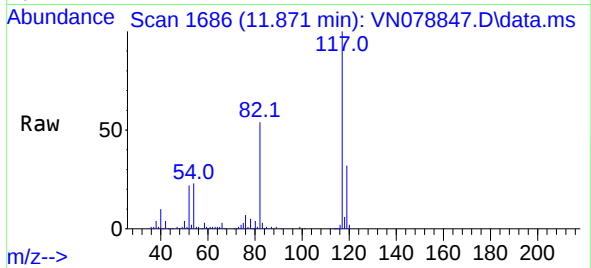




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078847.D
Acq: 10 Aug 2023 19:10

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#18

Tgt Ion:	117	Resp:	313396
Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.0	66.0
119	31.6	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078847.D
Acq: 10 Aug 2023 19:10

Tgt Ion:	152	Resp:	86798
Ion	Ratio	Lower	Upper
152	100		
115	60.6	32.3	96.8
150	156.5	0.0	355.8

