

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078830.D
 Acq On : 10 Aug 2023 12:19
 Operator : JC\MD
 Sample : PB154726ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154726ZHE#01

Quant Time: Aug 10 23:49:23 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)

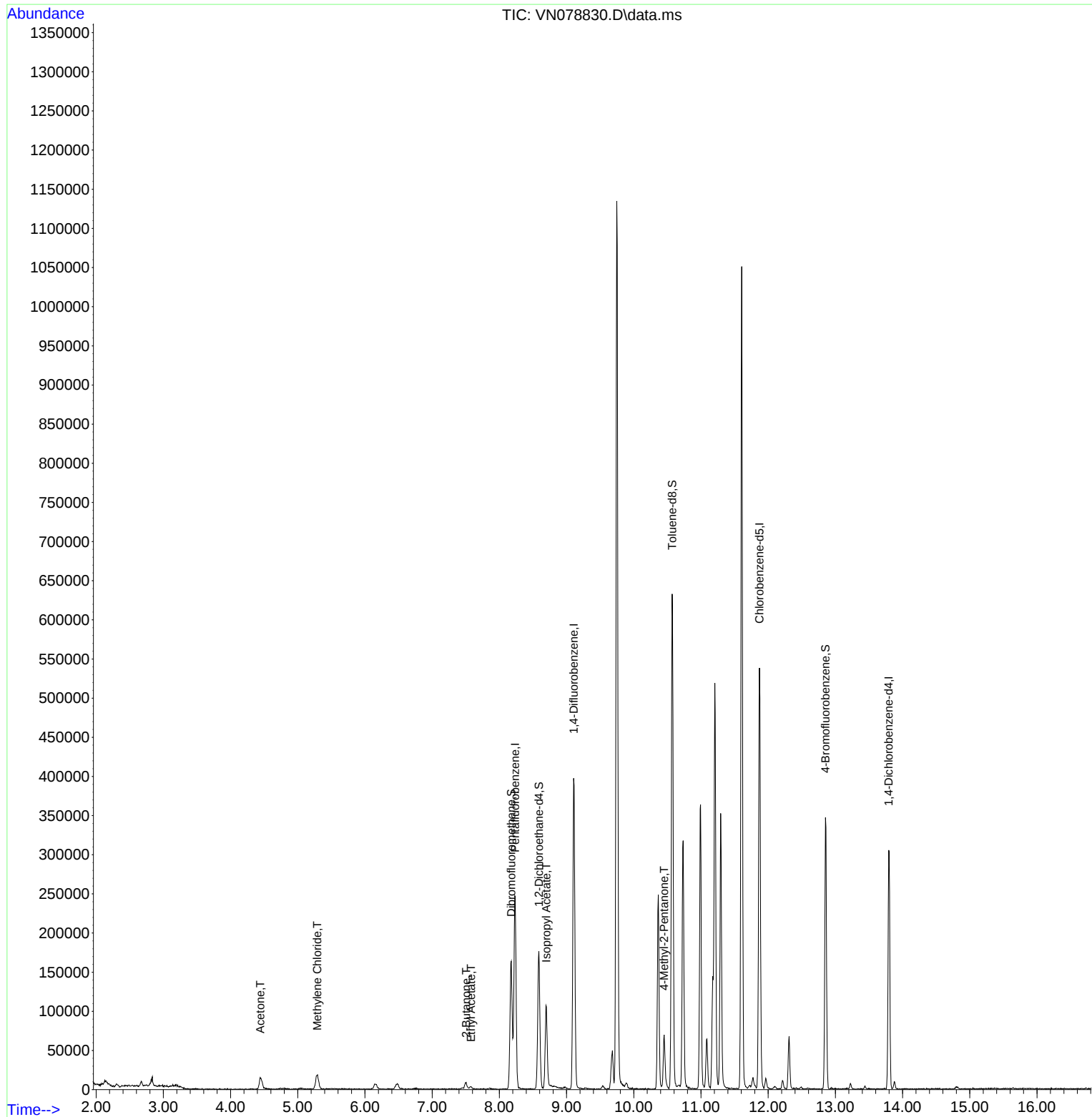
Internal Standards						
1) Pentafluorobenzene	8.235	168	170140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	330352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	304716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	135108	52.970	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.940%		
35) Dibromofluoromethane	8.177	113	112197	50.292	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.580%		
50) Toluene-d8	10.570	98	424694	51.731	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.460%		
62) 4-Bromofluorobenzene	12.853	95	111553	45.466	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 90.940%		
Target Compounds						
						Qvalue
16) Acetone	4.441	43	28589	29.131	ug/l	97
20) Methylene Chloride	5.288	84	12986	5.343	ug/l #	70
25) 2-Butanone	7.506	43	13594	8.180	ug/l #	64
37) Ethyl Acetate	7.577	43	5177	1.407	ug/l #	72
43) Isopropyl Acetate	8.700	43	119063	19.191	ug/l #	82
51) 4-Methyl-2-Pentanone	10.453	43	51128	13.454	ug/l #	85

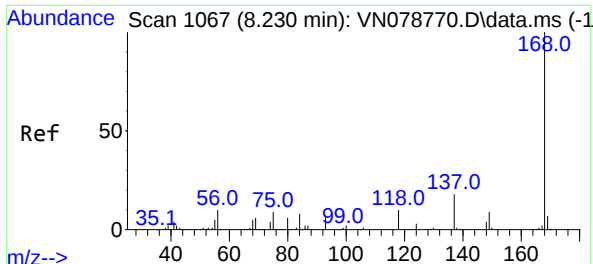
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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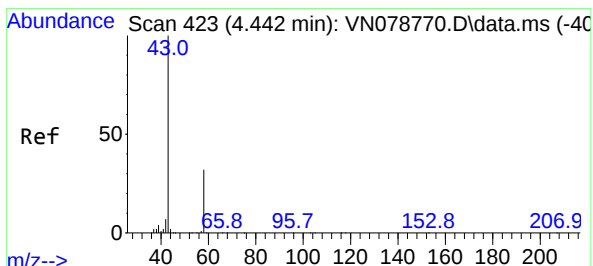
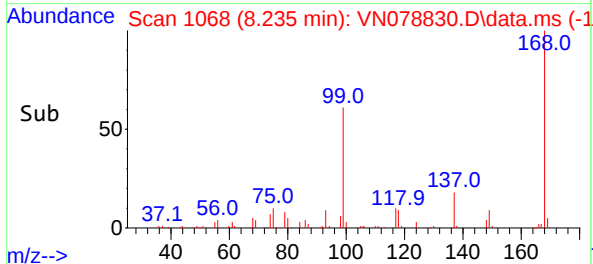
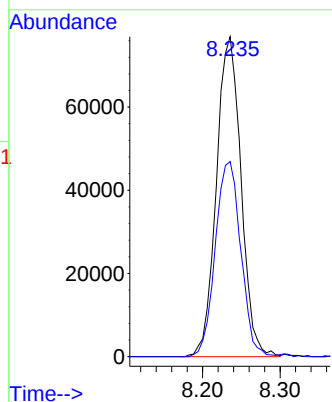
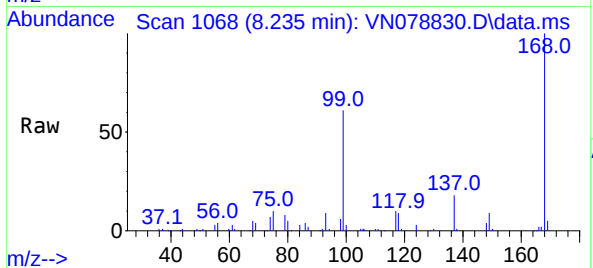




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

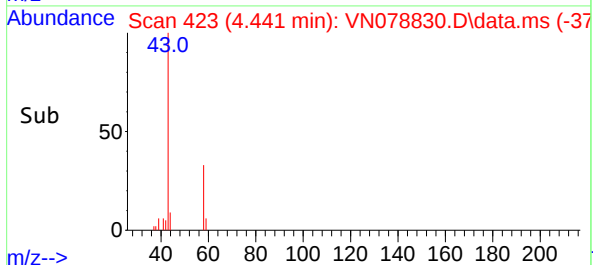
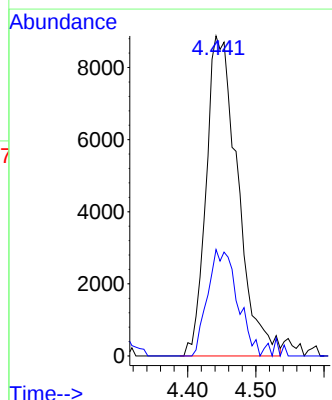
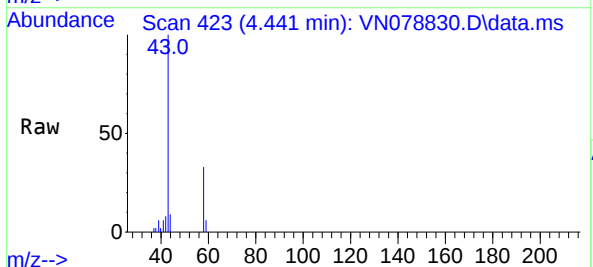
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#01

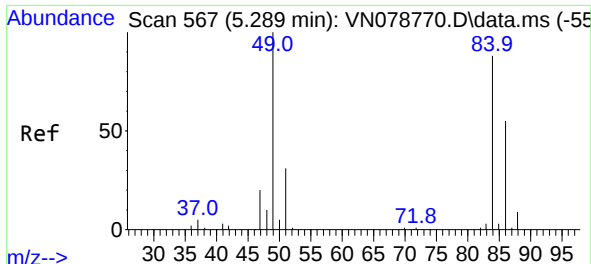
Tgt Ion:168 Resp: 170140
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#16
Acetone
Concen: 29.131 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

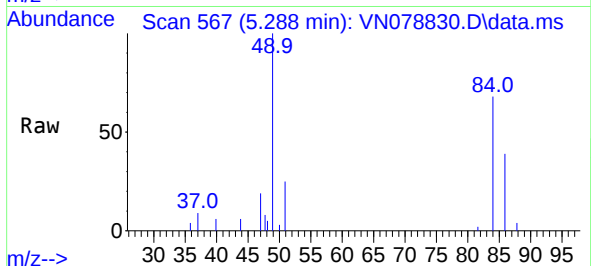
Tgt Ion: 43 Resp: 28589
Ion Ratio Lower Upper
43 100
58 33.3 28.0 42.0





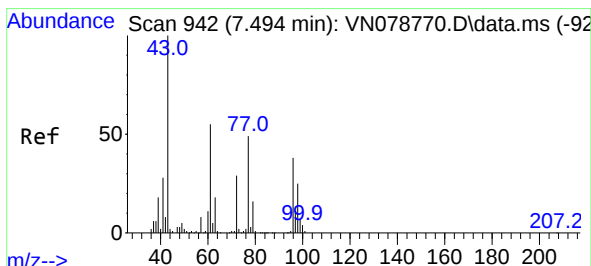
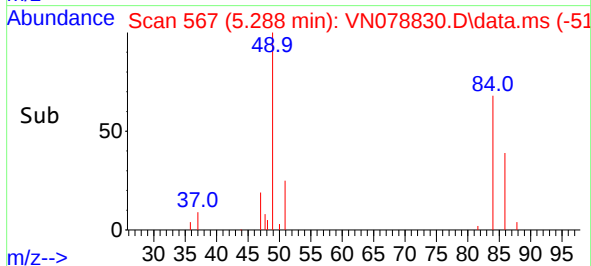
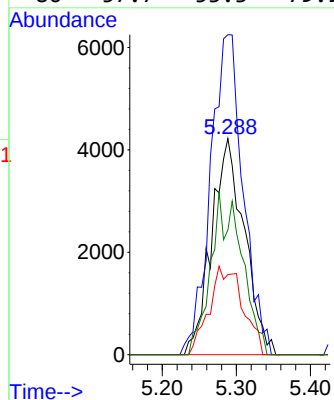
#20
Methylene Chloride
Concen: 5.343 ug/l
RT: 5.288 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#01



Tgt Ion: 84 Resp: 12986

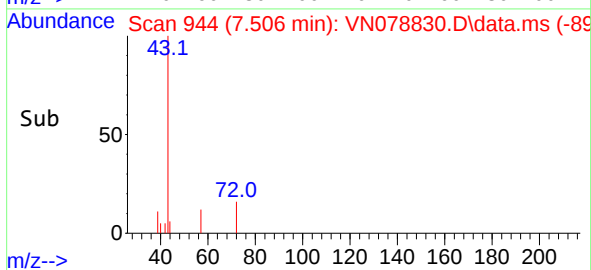
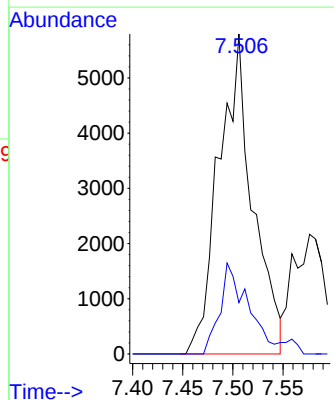
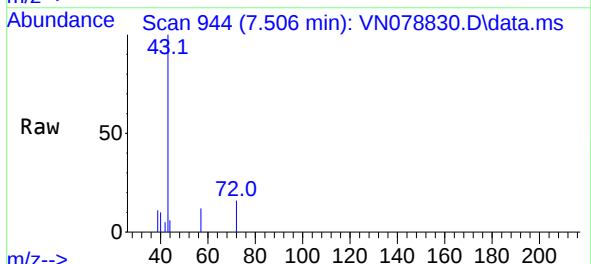
Ion	Ratio	Lower	Upper
84	100		
49	148.0	79.7	119.5#
51	37.0	25.2	37.8
86	57.7	53.3	79.9

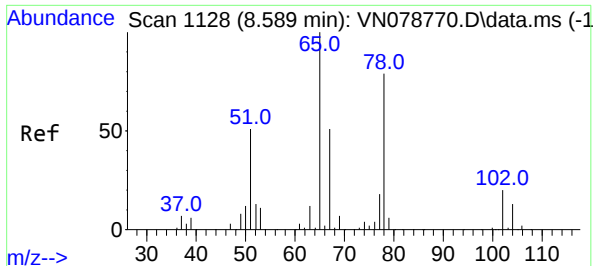


#25
2-Butanone
Concen: 8.180 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

Tgt Ion: 43 Resp: 13594

Ion	Ratio	Lower	Upper
43	100		
72	16.1	30.2	45.2#

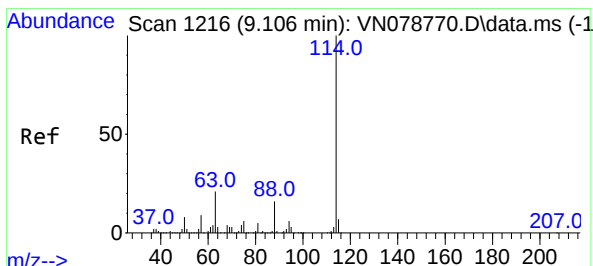
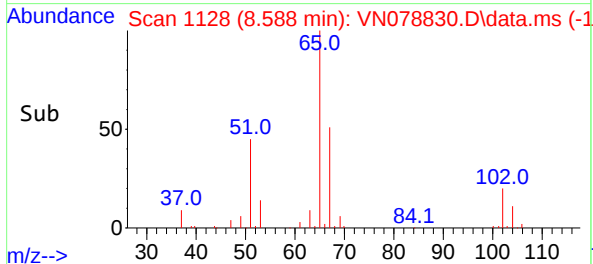
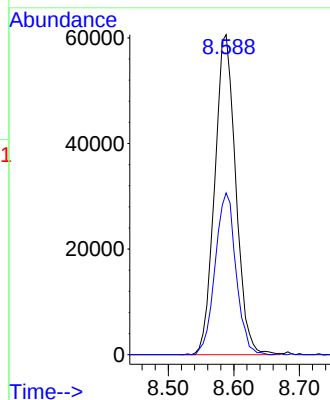
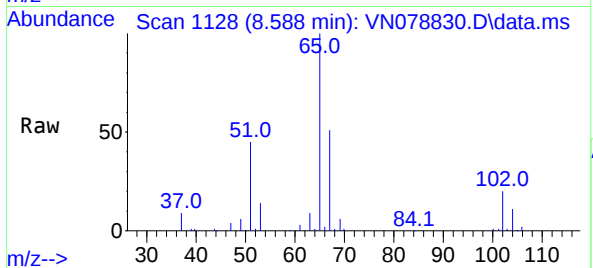




#33
1,2-Dichloroethane-d4
Concen: 52.970 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

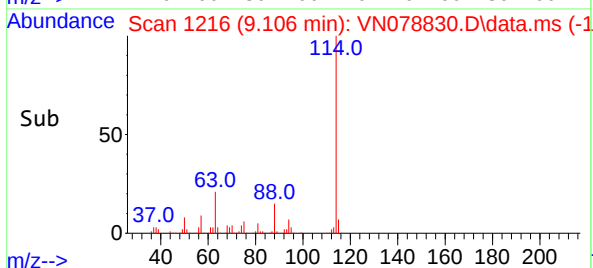
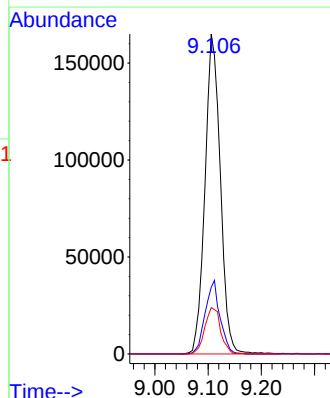
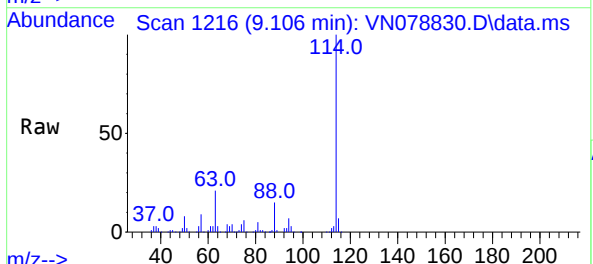
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#01

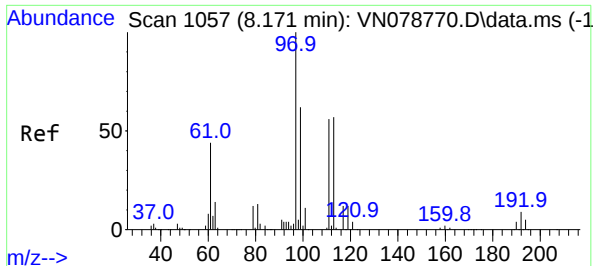
Tgt Ion: 65 Resp: 135108
Ion Ratio Lower Upper
65 100
67 50.0 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

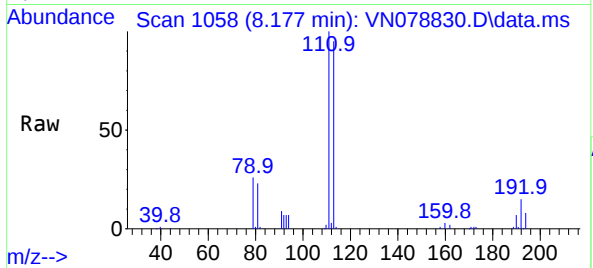
Tgt Ion: 114 Resp: 330352
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.4
88 14.5 0.0 30.6



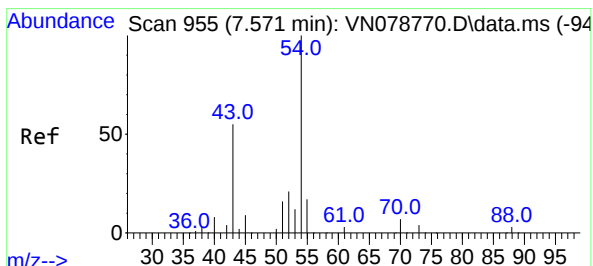
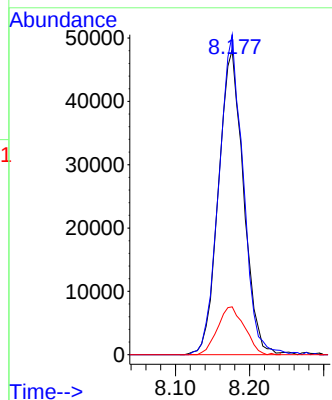
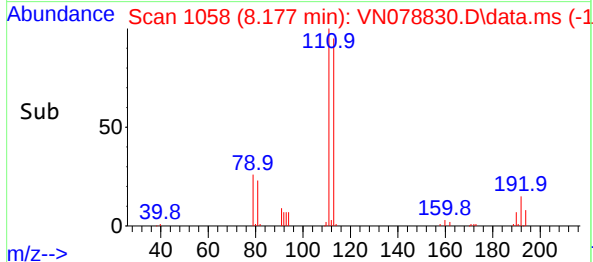


#35
Dibromofluoromethane
Concen: 50.292 ug/l
RT: 8.177 min Scan# 112197
Delta R.T. 0.006 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

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ClientSampleId :
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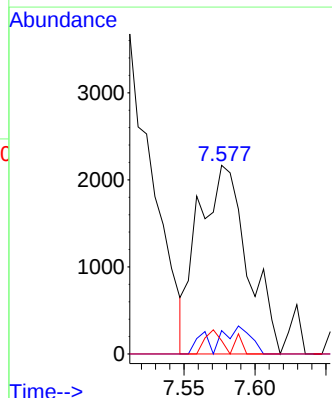
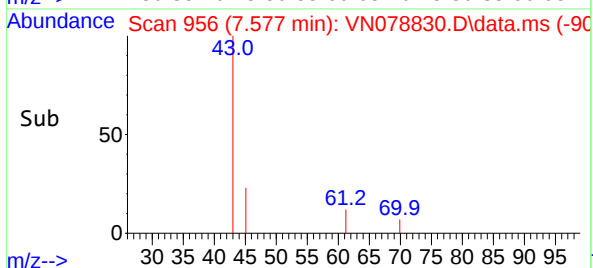
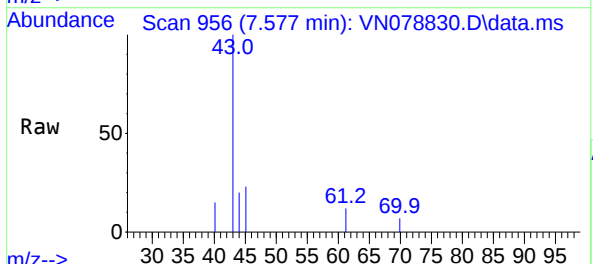


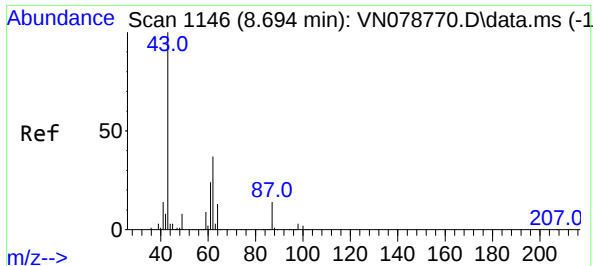
Tgt Ion:113 Resp: 112197
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 17.0 12.7 19.1



#37
Ethyl Acetate
Concen: 1.407 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

Tgt Ion: 43 Resp: 5177
Ion Ratio Lower Upper
43 100
61 3.0 13.2 19.8#
70 4.2 11.3 16.9#

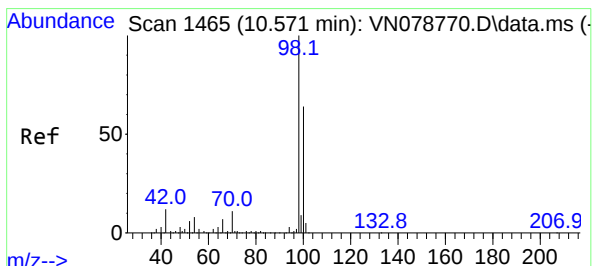
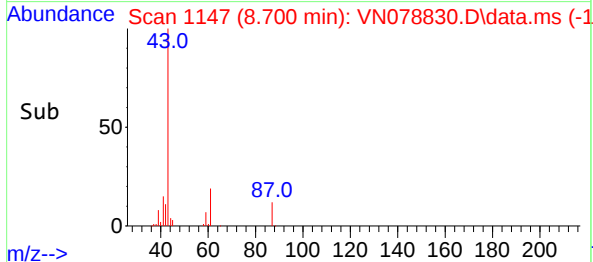
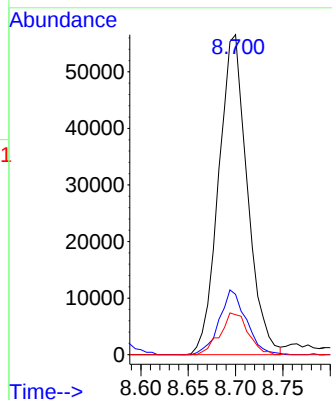
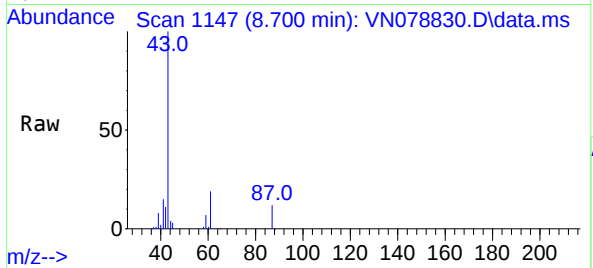




#43
Isopropyl Acetate
Concen: 19.191 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

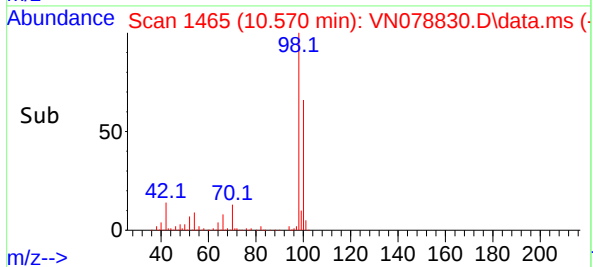
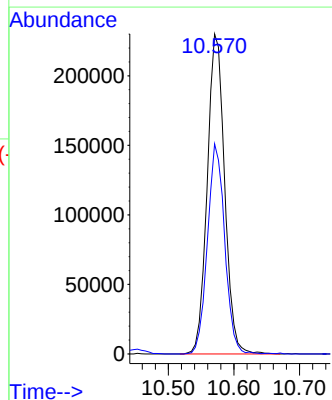
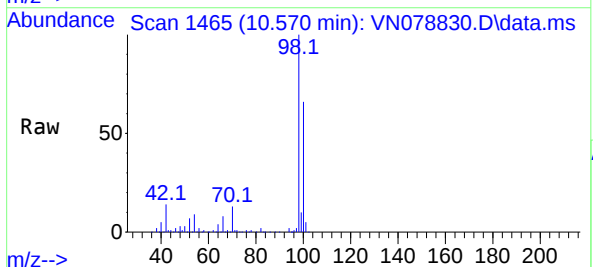
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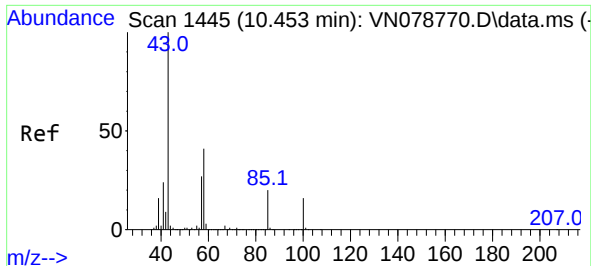
Tgt Ion: 43 Resp: 119063
Ion Ratio Lower Upper
43 100
61 19.0 24.7 37.1#
87 12.8 14.6 21.8#



#50
Toluene-d8
Concen: 51.731 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

Tgt Ion: 98 Resp: 424694
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

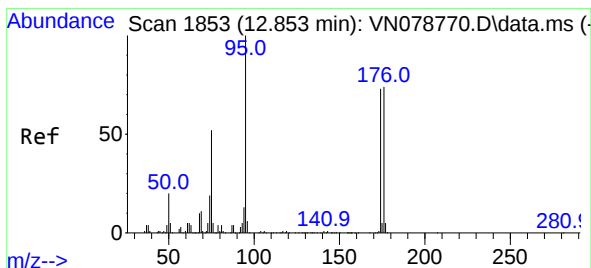
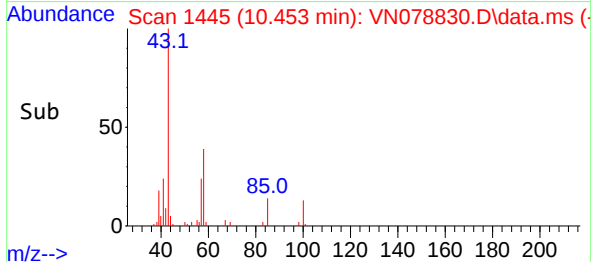
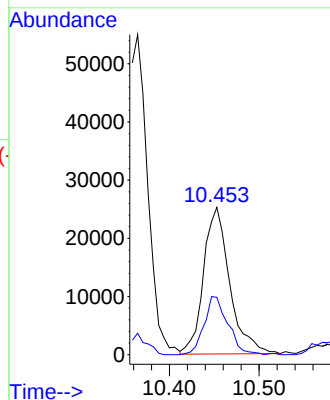
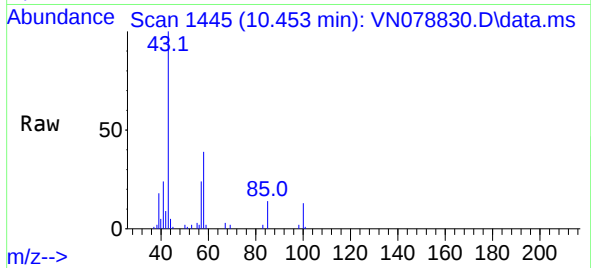




#51
4-Methyl-2-Pentanone
Concen: 13.454 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

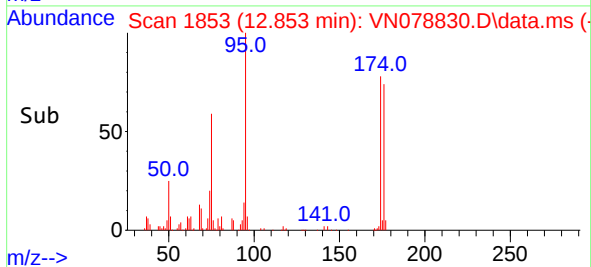
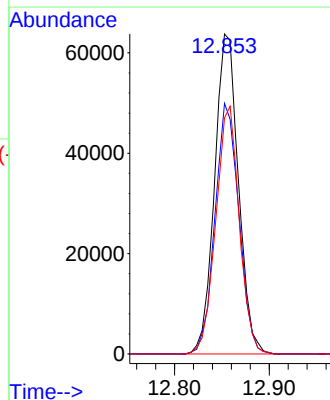
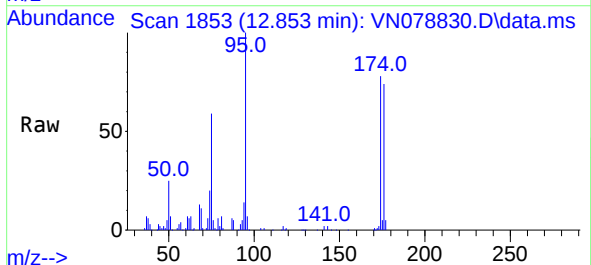
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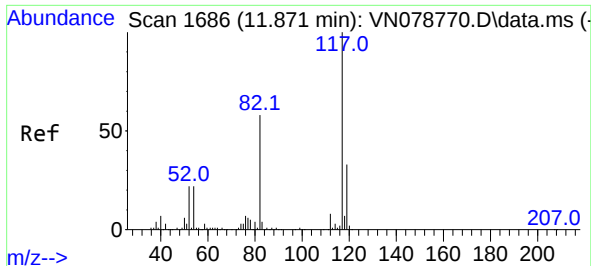
Tgt Ion: 43 Resp: 51128
Ion Ratio Lower Upper
43 100
58 35.9 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 45.466 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

Tgt Ion: 95 Resp: 111553
Ion Ratio Lower Upper
95 100
174 78.4 0.0 143.8
176 76.1 0.0 135.8

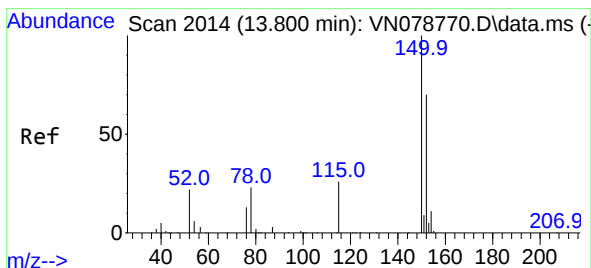
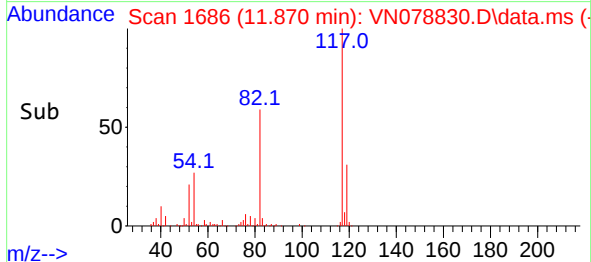
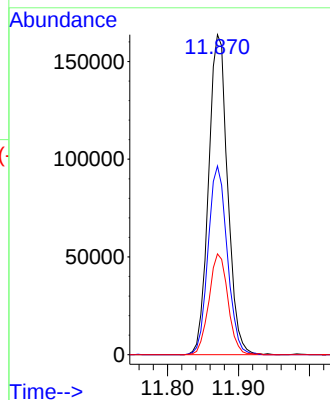
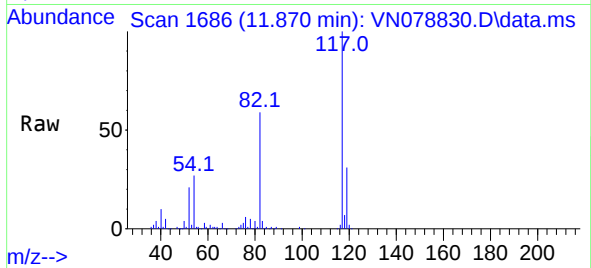




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#01

Tgt Ion:117 Resp: 304716
Ion Ratio Lower Upper
117 100
82 59.0 44.0 66.0
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078830.D
Acq: 10 Aug 2023 12:19

Tgt Ion:152 Resp: 79292
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 164.1 0.0 355.8

