

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078833.D
 Acq On : 10 Aug 2023 13:31
 Operator : JC\MD
 Sample : PB154726ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154726ZHE#04

Quant Time: Aug 10 23:50:48 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)

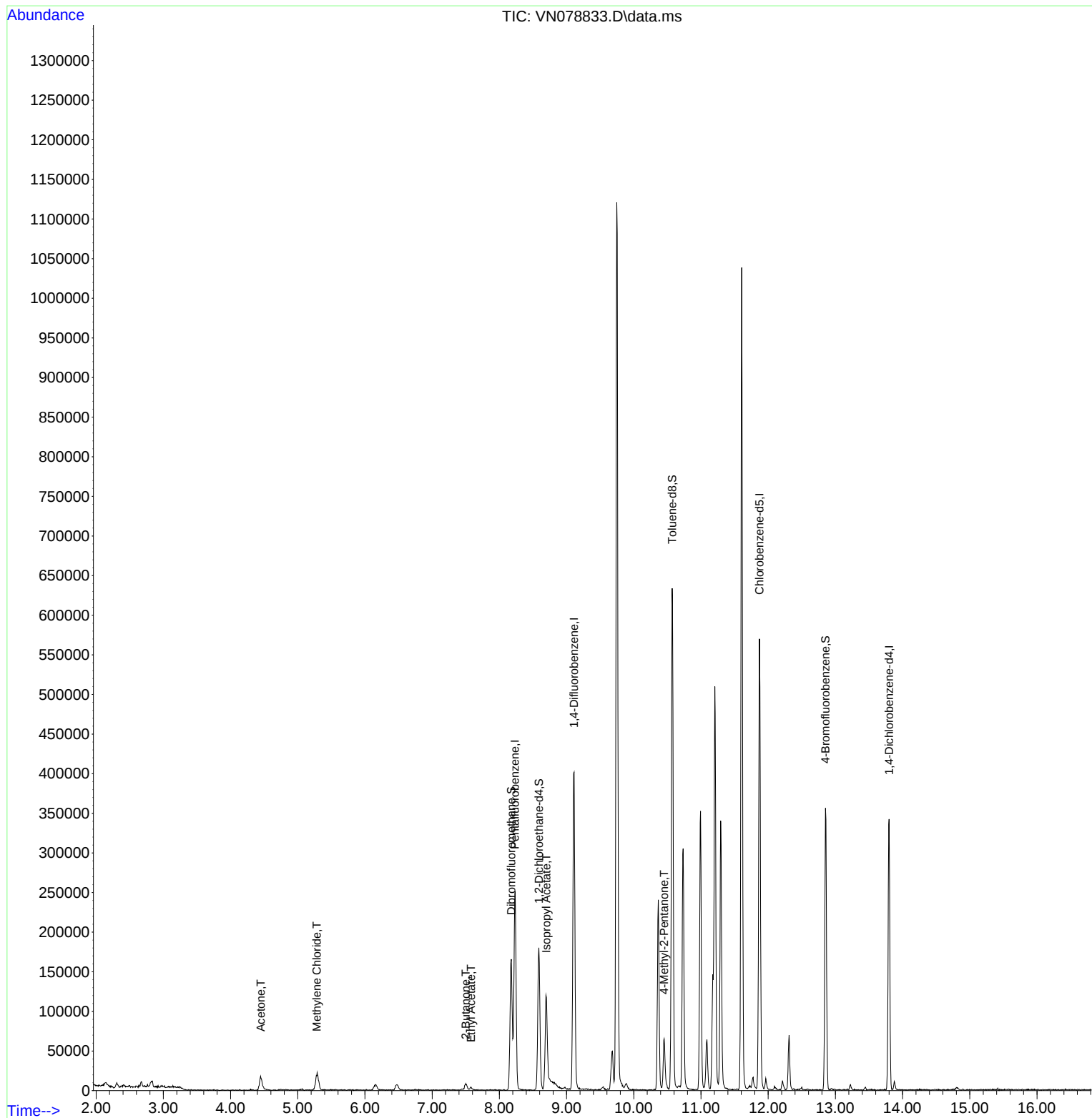
Internal Standards						
1) Pentafluorobenzene	8.230	168	168988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	336628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	316208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	88610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	141377	55.806	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.620%			
35) Dibromofluoromethane	8.177	113	113685	50.009	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.020%			
50) Toluene-d8	10.571	98	427575	51.111	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.220%			
62) 4-Bromofluorobenzene	12.853	95	119358	47.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.480%			
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	32614	33.459	ug/l #	84
20) Methylene Chloride	5.283	84	14894	6.170	ug/l #	70
25) 2-Butanone	7.500	43	13887	8.413	ug/l #	70
37) Ethyl Acetate	7.577	43	5633	1.502	ug/l #	79
43) Isopropyl Acetate	8.700	43	143148	22.642	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	51962	13.419	ug/l #	79

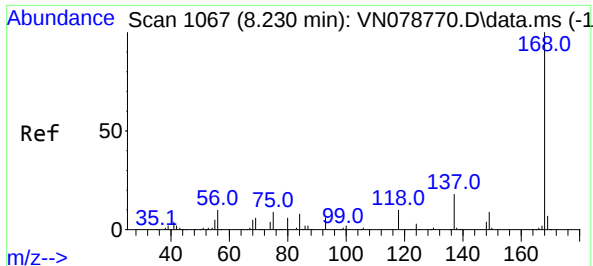
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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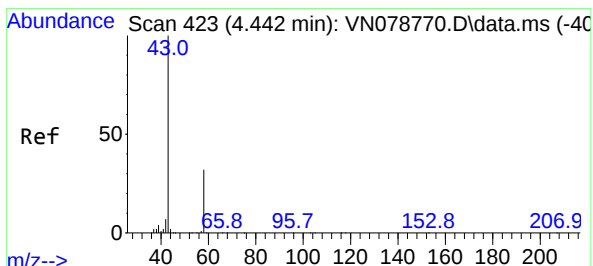
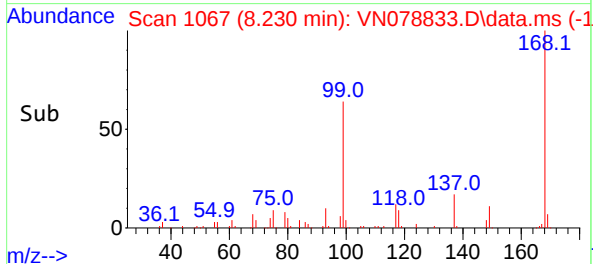
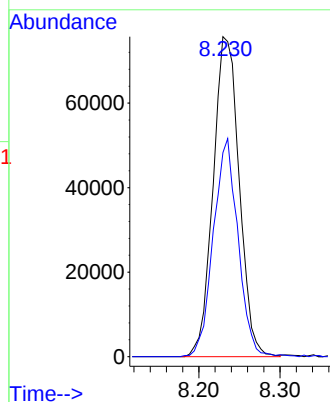
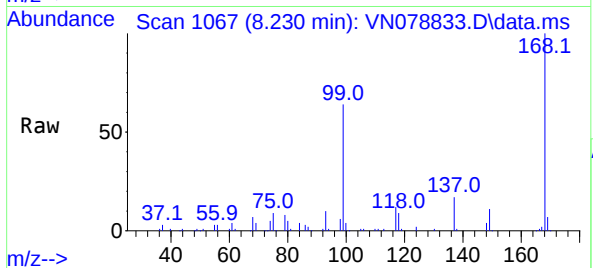




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078833.D
Acq: 10 Aug 2023 13:31

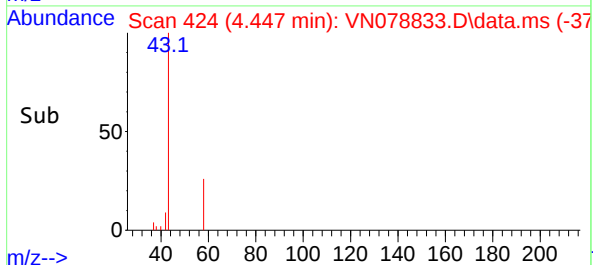
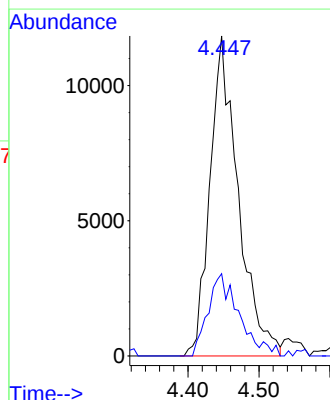
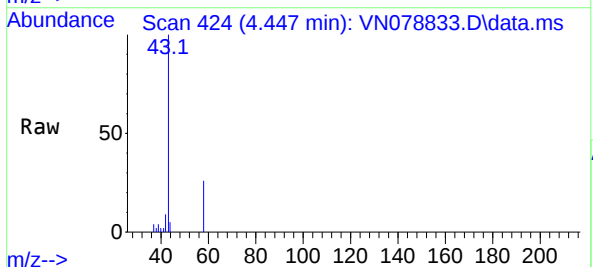
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#04

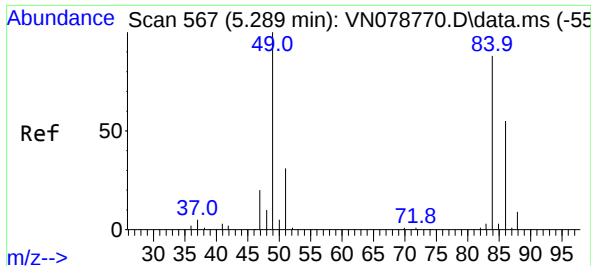
Tgt Ion:168 Resp: 168988
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#16
Acetone
Concen: 33.459 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078833.D
Acq: 10 Aug 2023 13:31

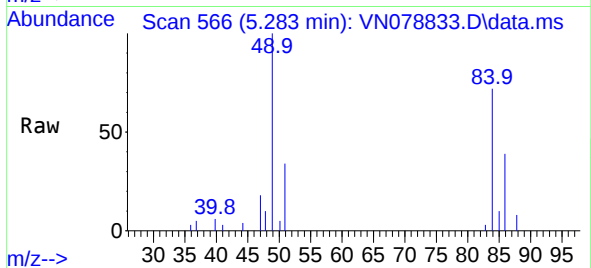
Tgt Ion: 43 Resp: 32614
Ion Ratio Lower Upper
43 100
58 25.7 28.0 42.0#





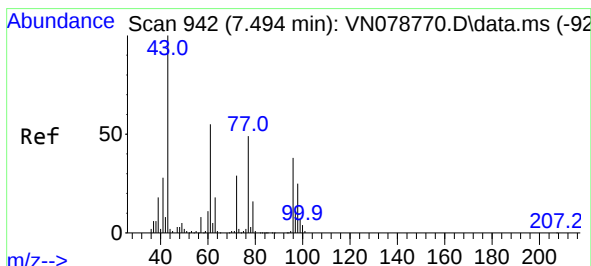
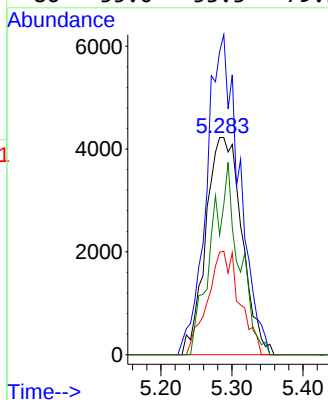
#20
Methylene Chloride
Concen: 6.170 ug/l
RT: 5.283 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN078833.D
Acq: 10 Aug 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#04



Tgt Ion: 84 Resp: 14894

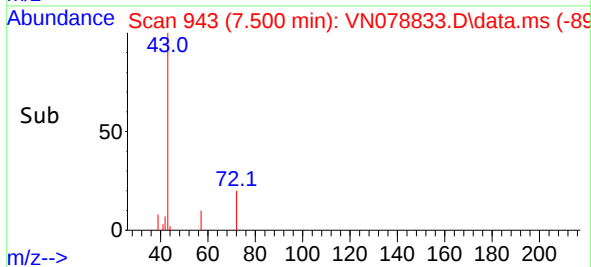
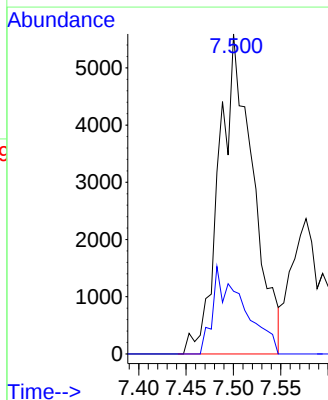
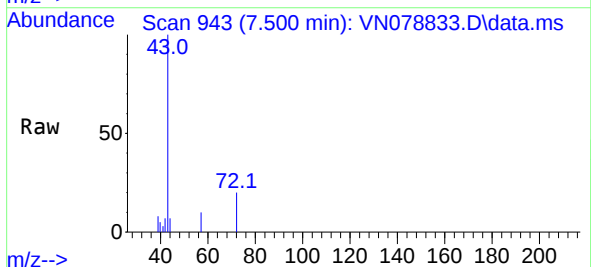
Ion	Ratio	Lower	Upper
84	100		
49	139.7	79.7	119.5#
51	47.1	25.2	37.8#
86	55.0	53.3	79.9

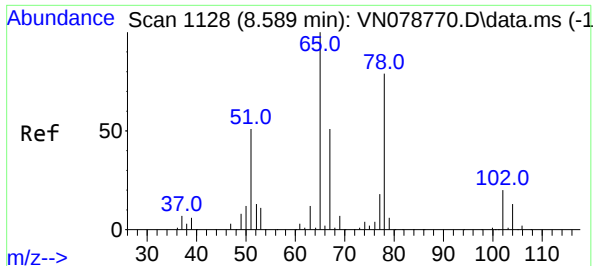


#25
2-Butanone
Concen: 8.413 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078833.D
Acq: 10 Aug 2023 13:31

Tgt Ion: 43 Resp: 13887

Ion	Ratio	Lower	Upper
43	100		
72	19.6	30.2	45.2#

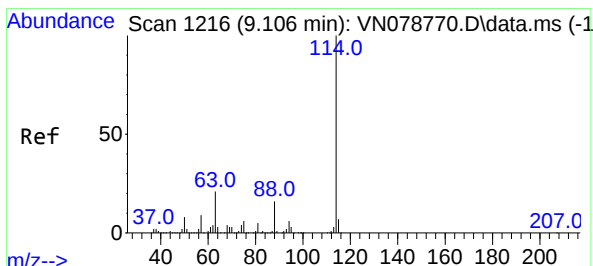
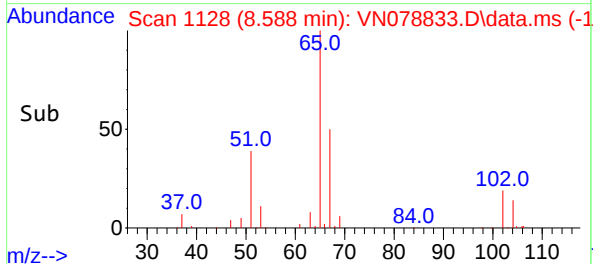
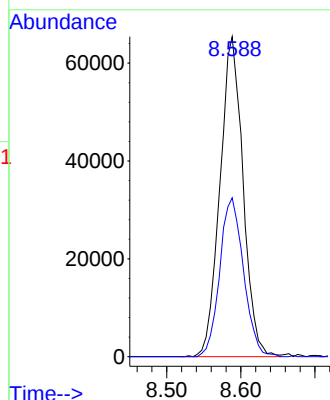
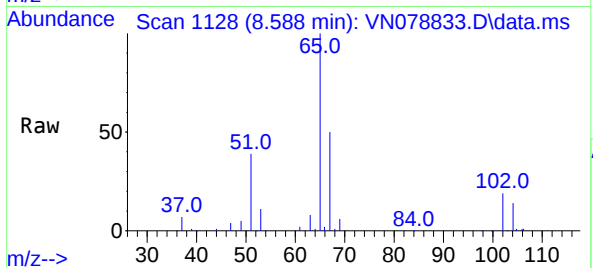




#33
1,2-Dichloroethane-d4
Concen: 55.806 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078833.D
Acq: 10 Aug 2023 13:31

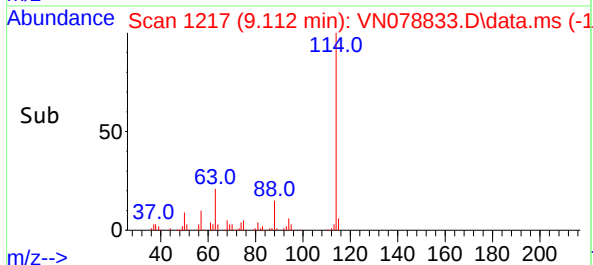
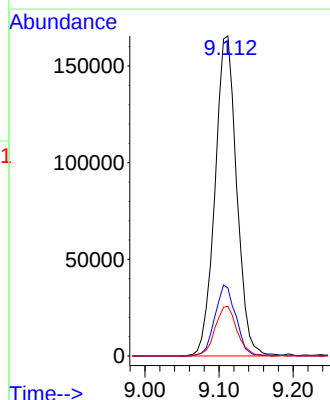
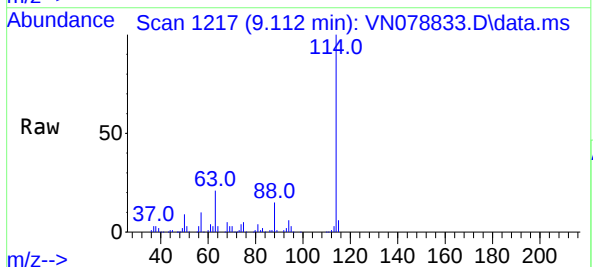
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#04

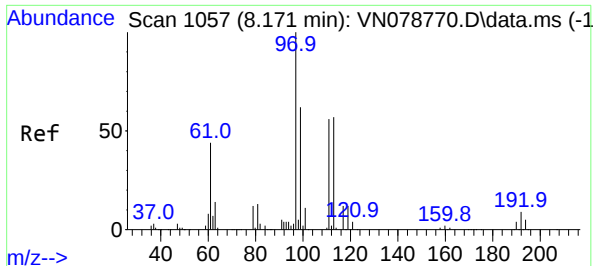
Tgt Ion: 65 Resp: 141377
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078833.D
Acq: 10 Aug 2023 13:31

Tgt Ion: 114 Resp: 336628
Ion Ratio Lower Upper
114 100
63 21.3 0.0 36.4
88 15.5 0.0 30.6

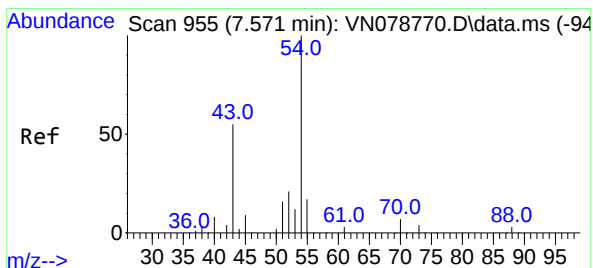
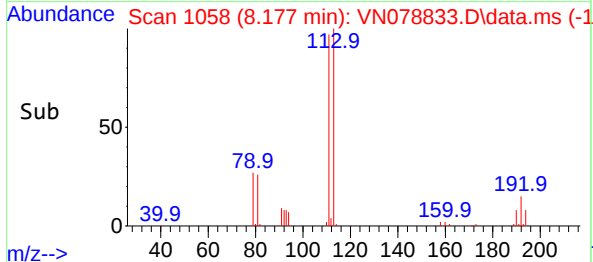
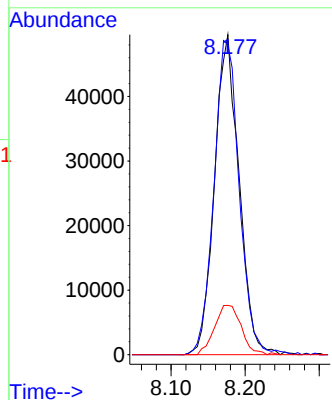
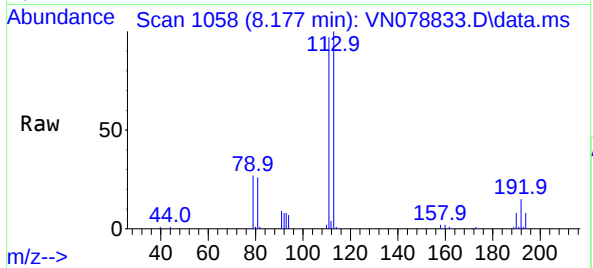




#35
Dibromofluoromethane
Concen: 50.009 ug/l
RT: 8.177 min Scan# 113
Delta R.T. 0.006 min
Lab File: VN078833.D
Acq: 10 Aug 2023 13:31

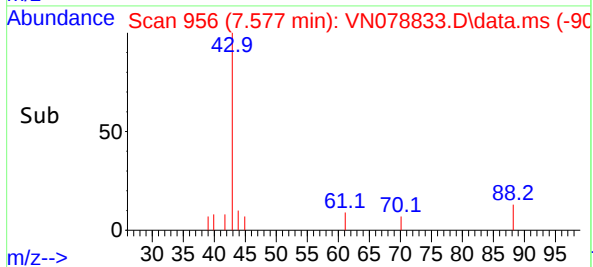
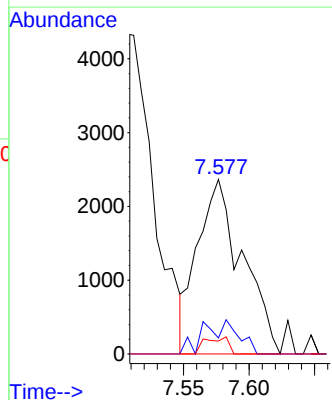
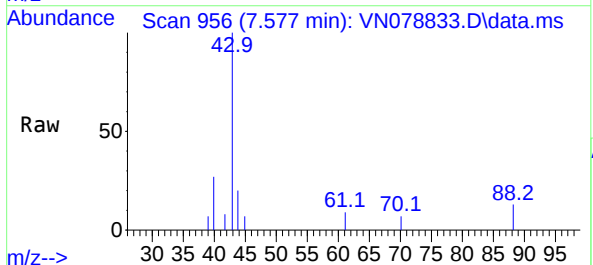
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#04

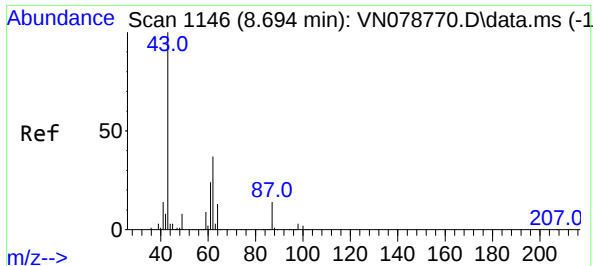
Tgt Ion:113 Resp: 113685
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 16.7 12.7 19.1



#37
Ethyl Acetate
Concen: 1.502 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078833.D
Acq: 10 Aug 2023 13:31

Tgt Ion: 43 Resp: 5633
Ion Ratio Lower Upper
43 100
61 7.6 13.2 19.8#
70 5.0 11.3 16.9#

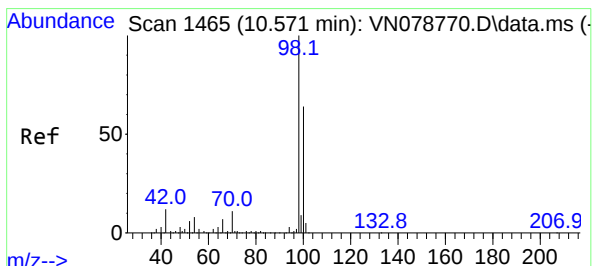
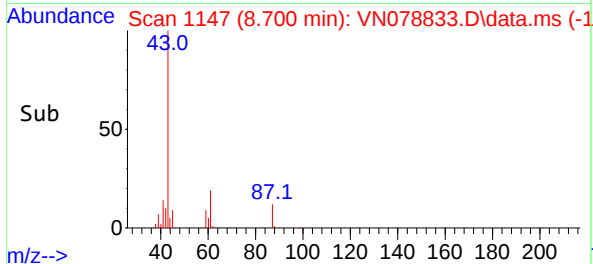
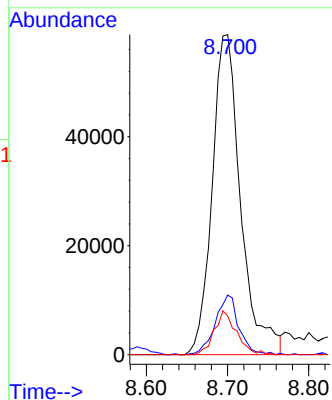
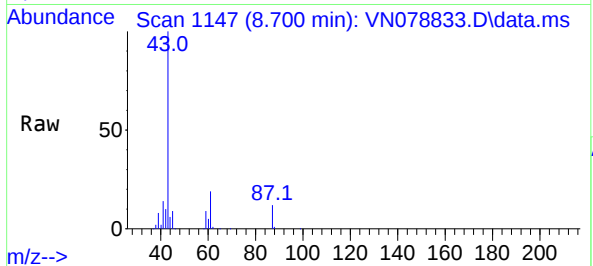




#43
Isopropyl Acetate
Concen: 22.642 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078833.D
Acq: 10 Aug 2023 13:31

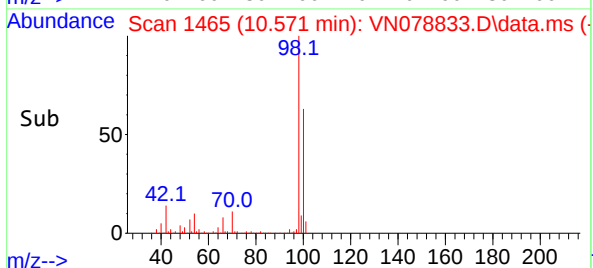
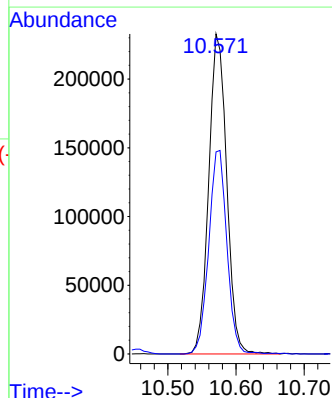
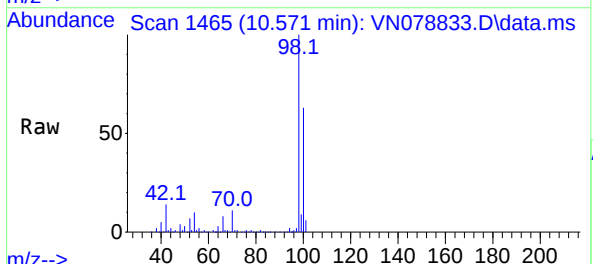
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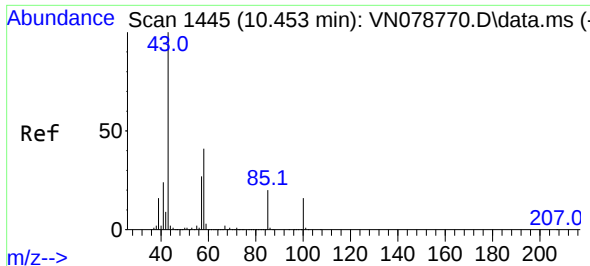
Tgt Ion: 43 Resp: 143148
Ion Ratio Lower Upper
43 100
61 15.4 24.7 37.1#
87 10.7 14.6 21.8#



#50
Toluene-d8
Concen: 51.111 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078833.D
Acq: 10 Aug 2023 13:31

Tgt Ion: 98 Resp: 427575
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

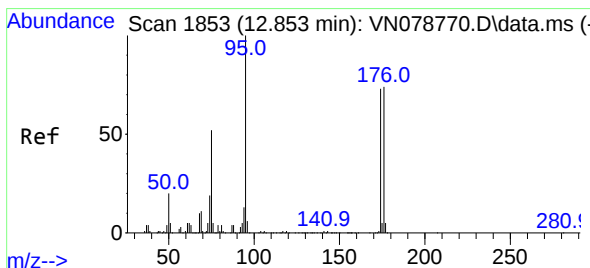
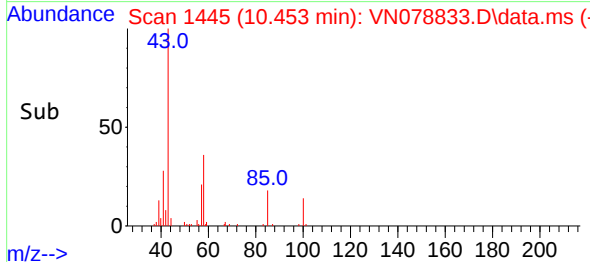
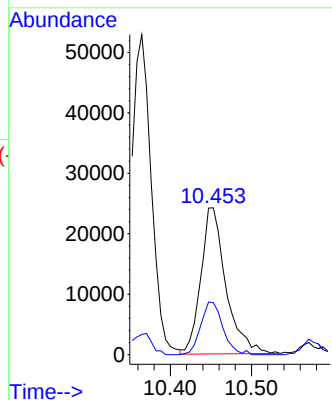
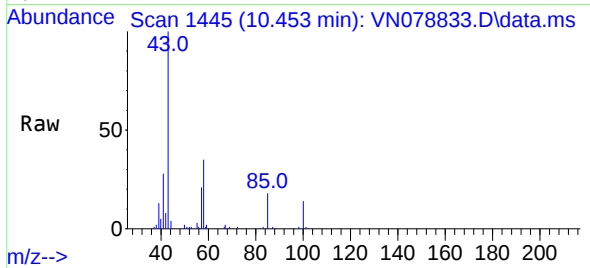




#51
4-Methyl-2-Pentanone
Concen: 13.419 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078833.D
Acq: 10 Aug 2023 13:31

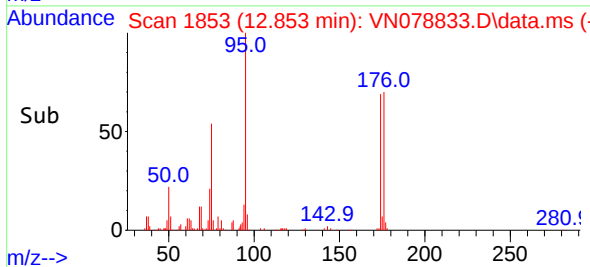
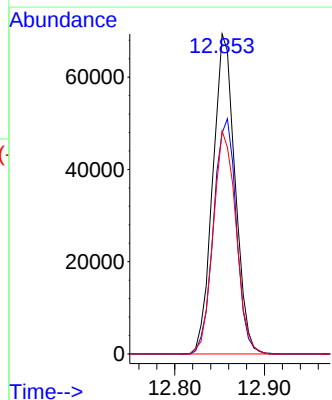
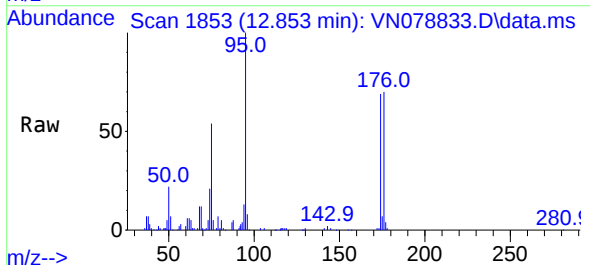
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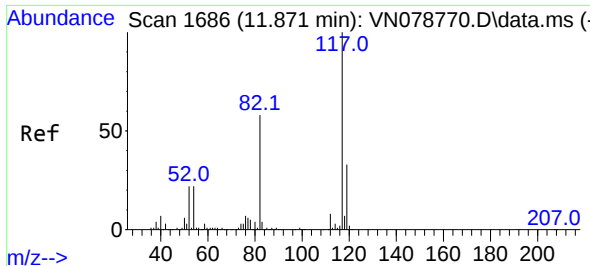
Tgt Ion: 43 Resp: 51962
Ion Ratio Lower Upper
43 100
58 31.8 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 47.740 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078833.D
Acq: 10 Aug 2023 13:31

Tgt Ion: 95 Resp: 119358
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 71.6 0.0 135.8

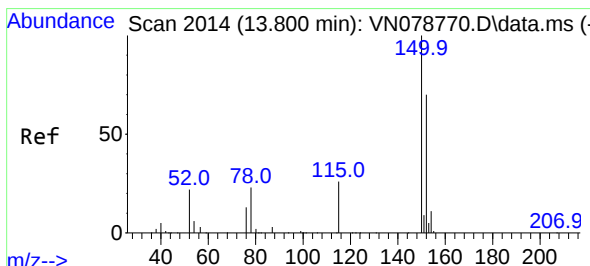
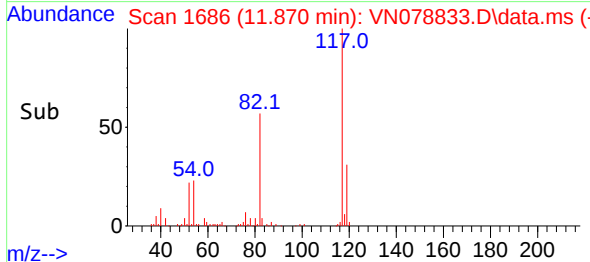
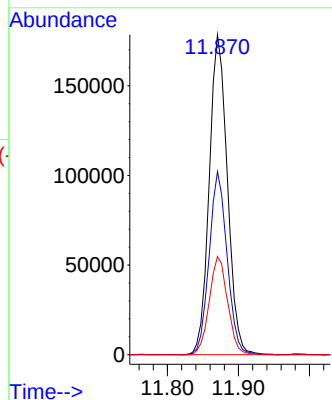
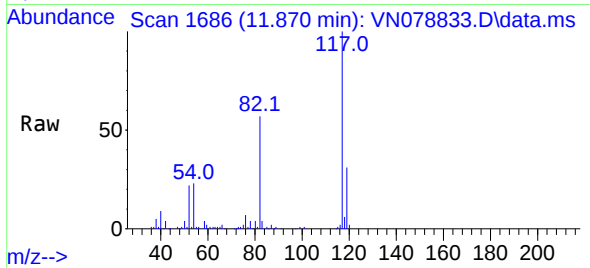




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078833.D
Acq: 10 Aug 2023 13:31

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#04

Tgt Ion:117 Resp: 316208
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 30.7 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: VN078833.D
Acq: 10 Aug 2023 13:31

Tgt Ion:152 Resp: 88610
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 156.4 0.0 355.8

