

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078840.D
 Acq On : 10 Aug 2023 16:20
 Operator : JC\MD
 Sample : PB154726ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154726ZHE#11

Quant Time: Aug 10 23:53:34 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)

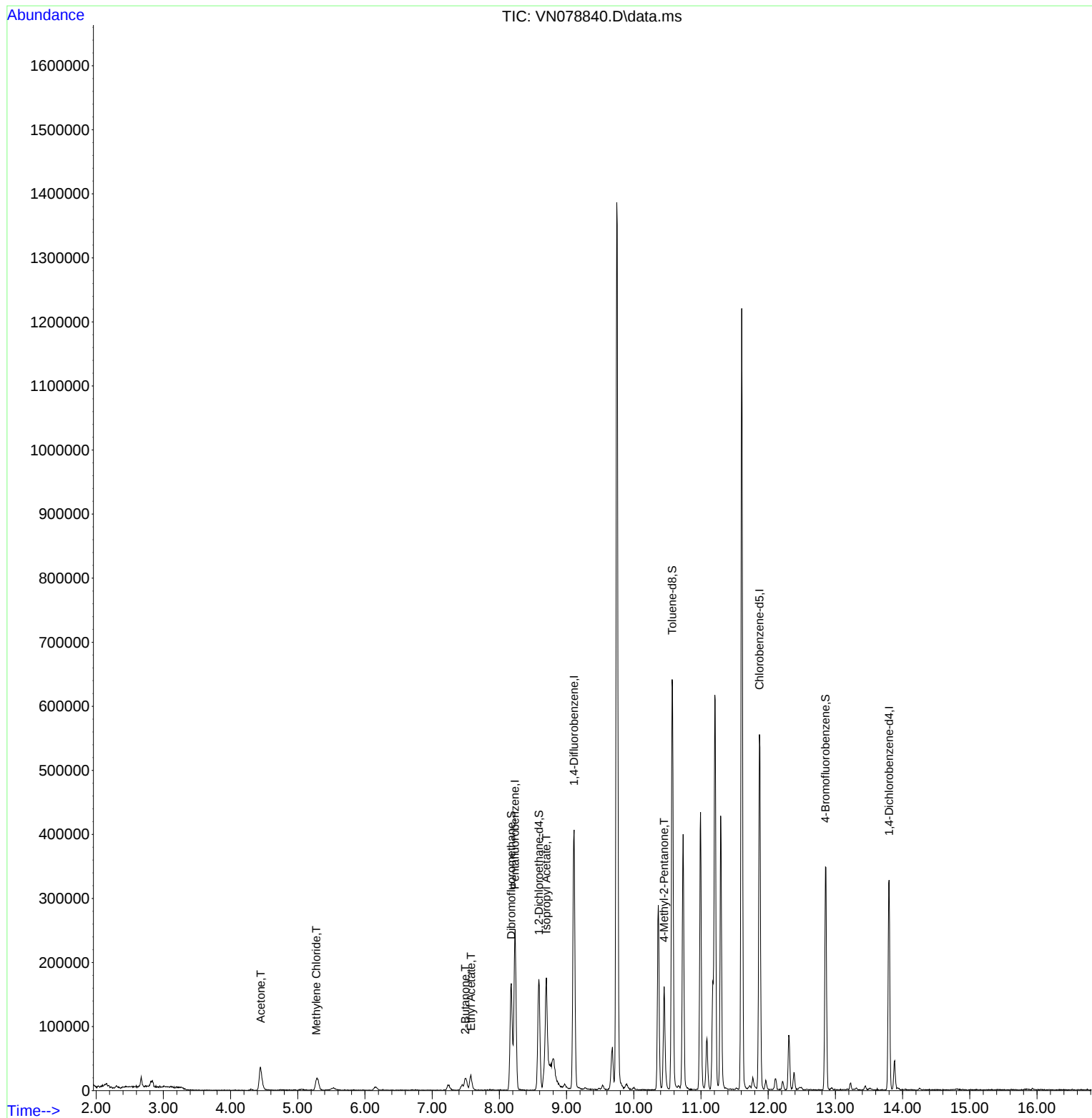
Internal Standards						
1) Pentafluorobenzene	8.229	168	170234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	332938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	307054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	82851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	134421	52.671	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.340%		
35) Dibromofluoromethane	8.177	113	115087	51.187	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.380%		
50) Toluene-d8	10.571	98	429769	51.942	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.880%		
62) 4-Bromofluorobenzene	12.853	95	118251	47.821	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.640%		
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	66372	67.593	ug/l #	83
20) Methylene Chloride	5.277	84	15348	6.311	ug/l #	82
25) 2-Butanone	7.494	43	33995	20.445	ug/l #	78
37) Ethyl Acetate	7.577	43	33770	9.106	ug/l #	92
43) Isopropyl Acetate	8.700	43	218534	34.950	ug/l #	72
51) 4-Methyl-2-Pentanone	10.453	43	116670	30.463	ug/l #	82

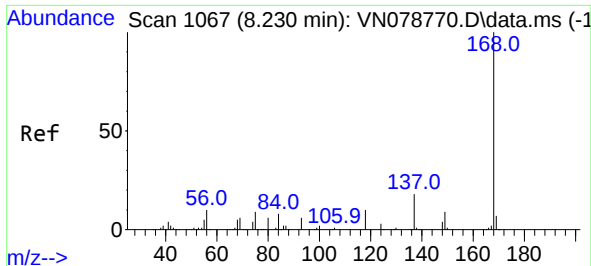
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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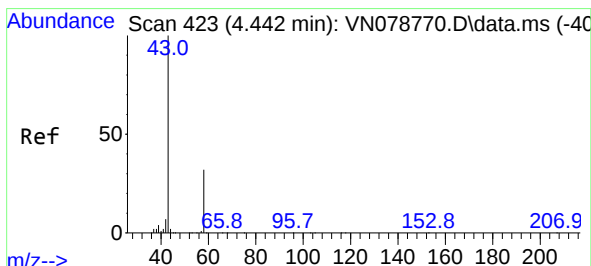
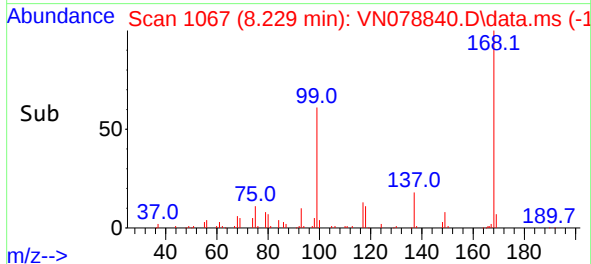
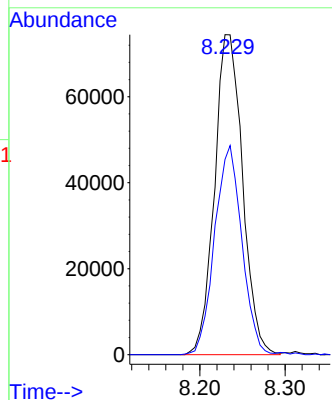
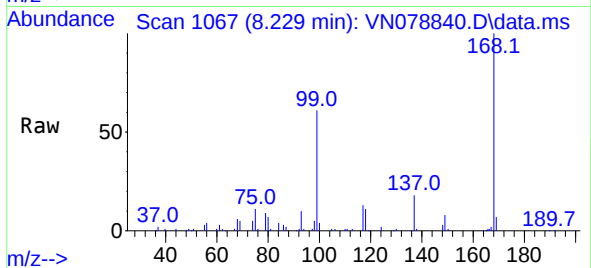




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN078840.D
Acq: 10 Aug 2023 16:20

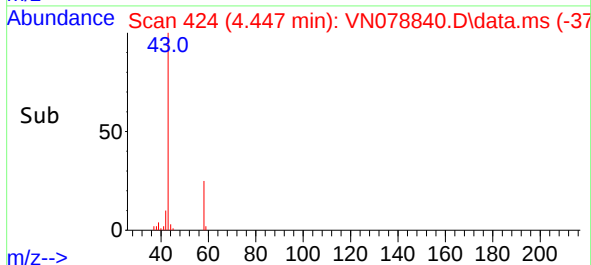
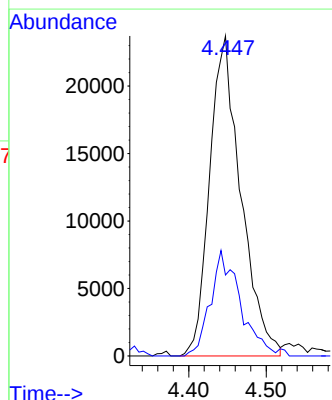
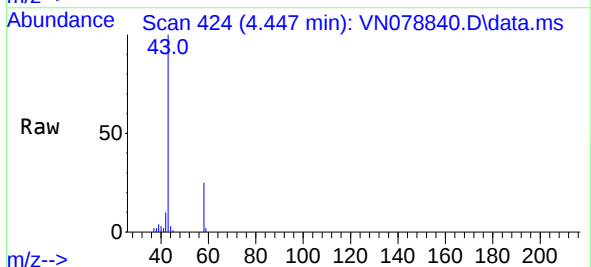
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#11

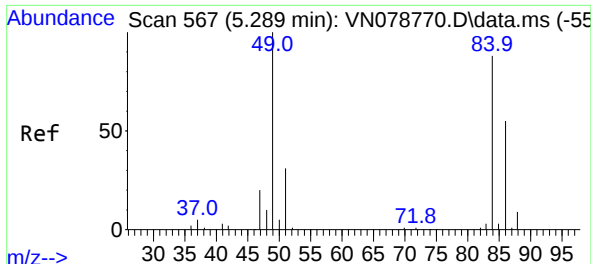
Tgt Ion:168 Resp: 170234
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#16
Acetone
Concen: 67.593 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN078840.D
Acq: 10 Aug 2023 16:20

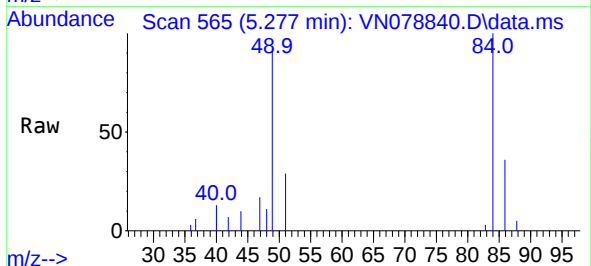
Tgt Ion: 43 Resp: 66372
Ion Ratio Lower Upper
43 100
58 25.3 28.0 42.0#



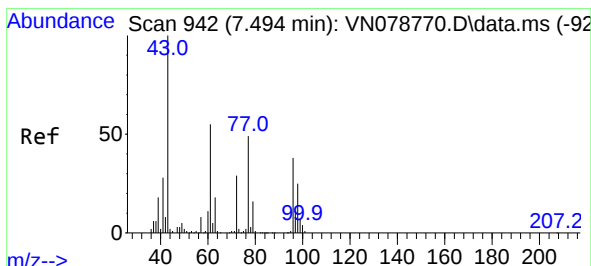
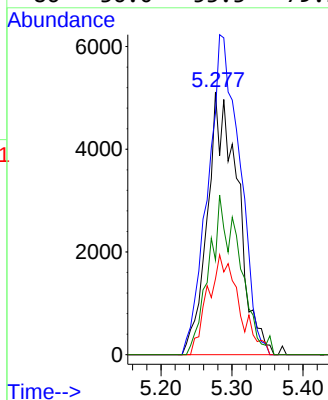
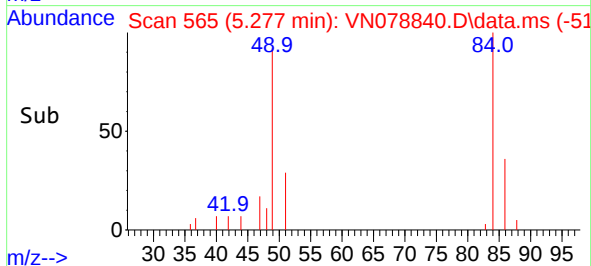


#20
Methylene Chloride
Concen: 6.311 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN078840.D
Acq: 10 Aug 2023 16:20

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#11

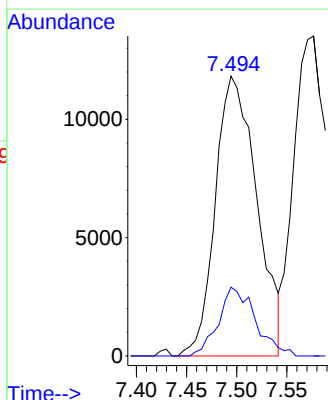
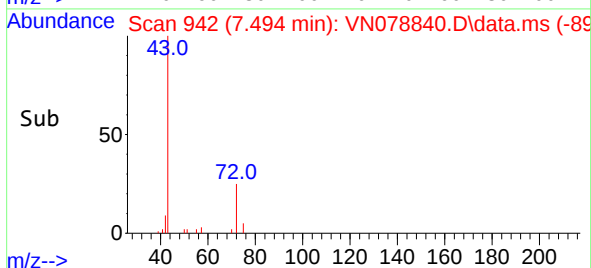
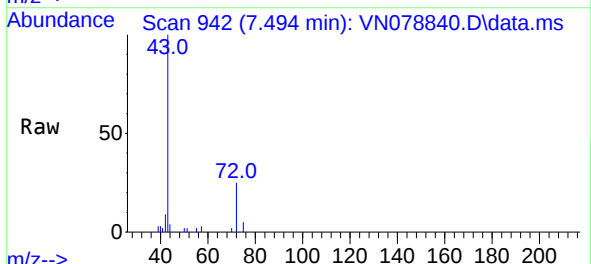


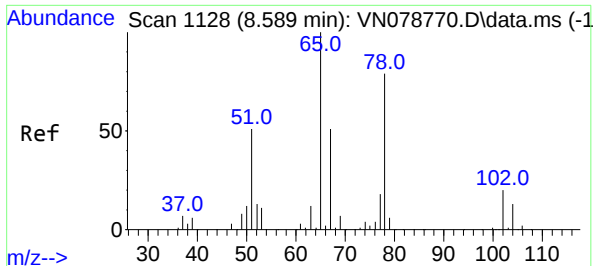
Tgt Ion:	84	Resp:	15348
Ion	Ratio	Lower	Upper
84	100		
49	91.9	79.7	119.5
51	28.8	25.2	37.8
86	36.0	53.3	79.9#



#25
2-Butanone
Concen: 20.445 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078840.D
Acq: 10 Aug 2023 16:20

Tgt Ion:	43	Resp:	33995
Ion	Ratio	Lower	Upper
43	100		
72	24.6	30.2	45.2#

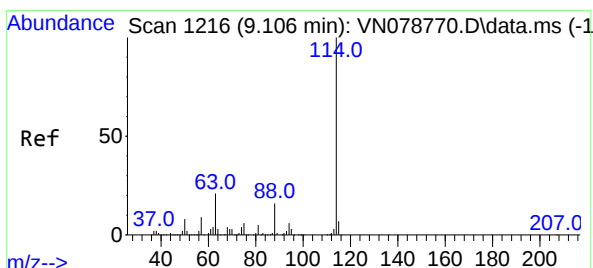
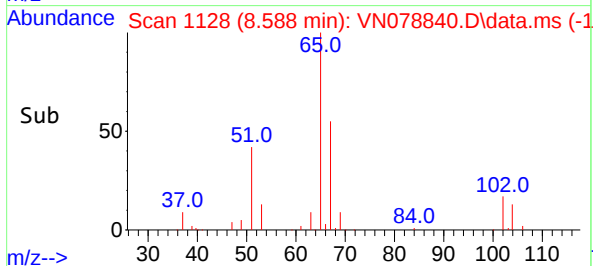
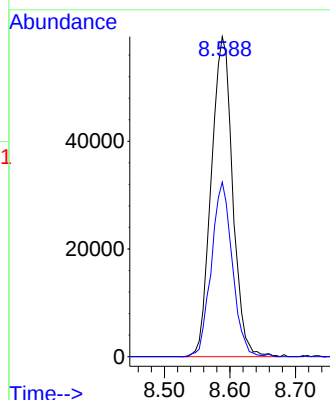
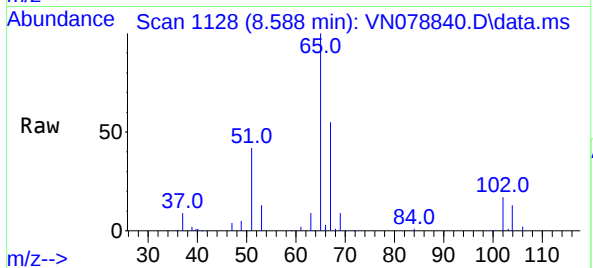




#33
1,2-Dichloroethane-d4
Concen: 52.671 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078840.D
Acq: 10 Aug 2023 16:20

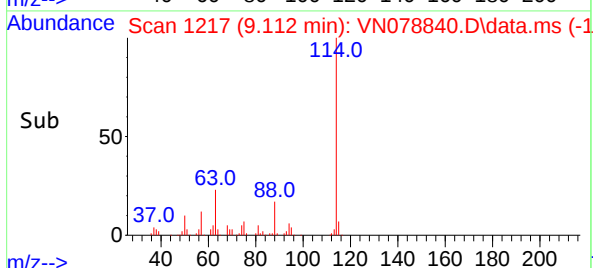
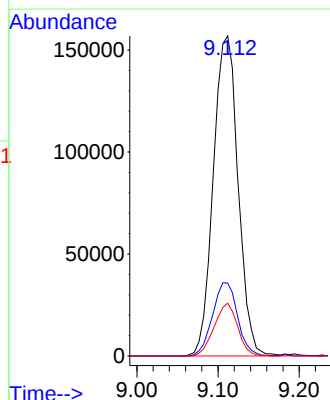
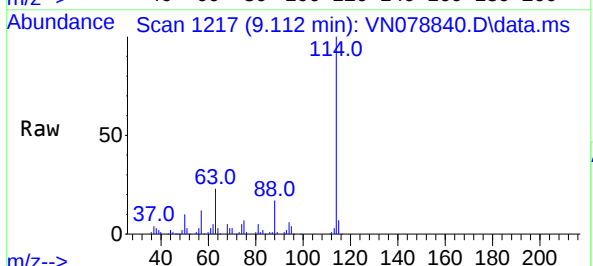
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#11

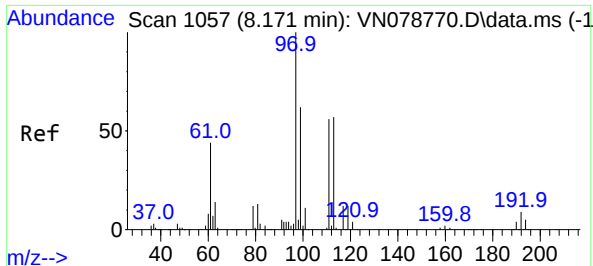
Tgt Ion: 65 Resp: 134421
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078840.D
Acq: 10 Aug 2023 16:20

Tgt Ion: 114 Resp: 332938
Ion Ratio Lower Upper
114 100
63 22.7 0.0 36.4
88 16.5 0.0 30.6

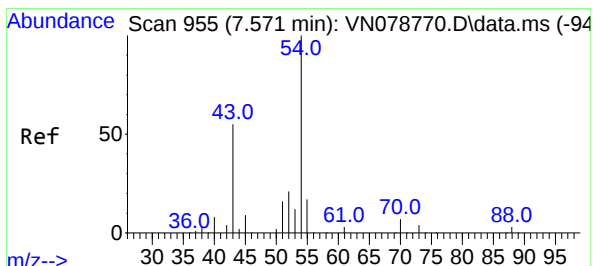
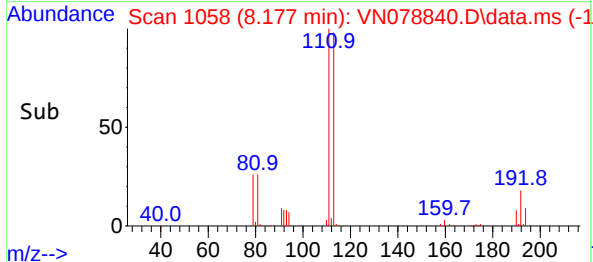
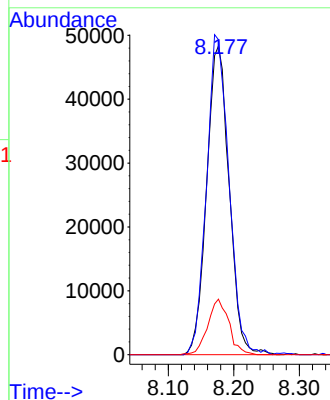
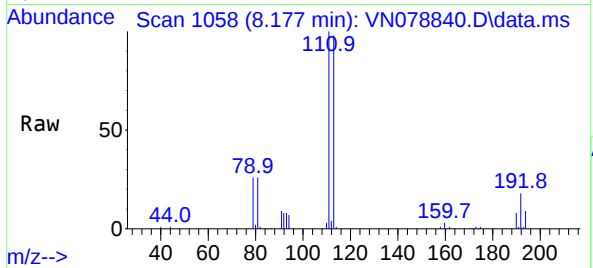




#35
Dibromofluoromethane
Concen: 51.187 ug/l
RT: 8.177 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN078840.D
Acq: 10 Aug 2023 16:20

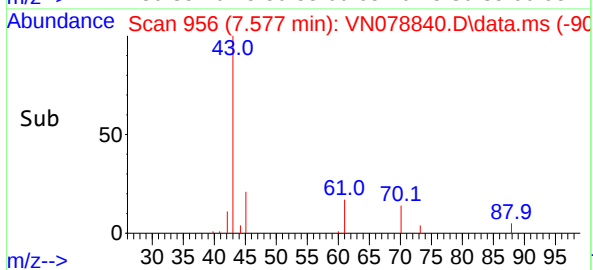
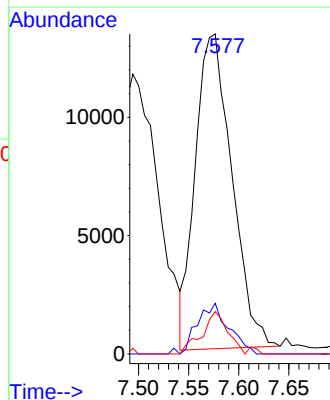
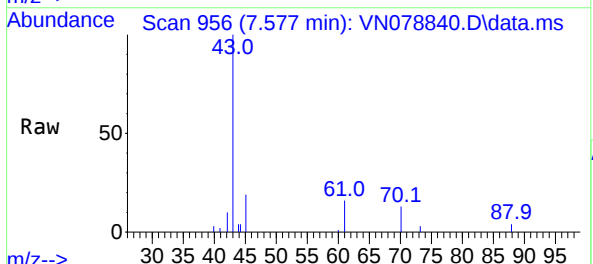
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#11

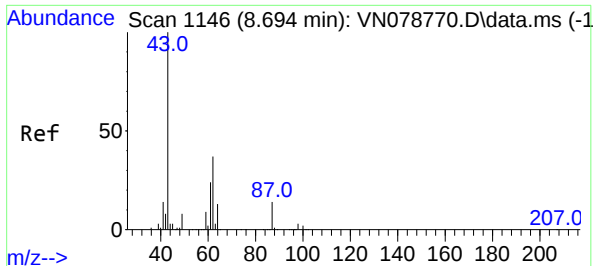
Tgt Ion:113 Resp: 115087
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 17.0 12.7 19.1



#37
Ethyl Acetate
Concen: 9.106 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078840.D
Acq: 10 Aug 2023 16:20

Tgt Ion: 43 Resp: 33770
Ion Ratio Lower Upper
43 100
61 13.9 13.2 19.8
70 9.5 11.3 16.9#

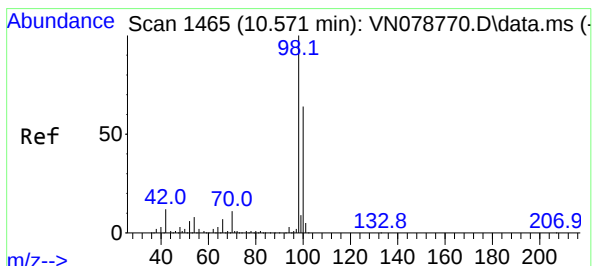
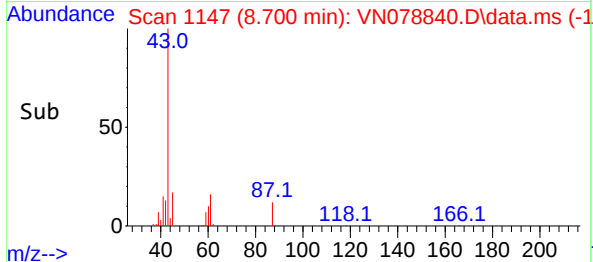
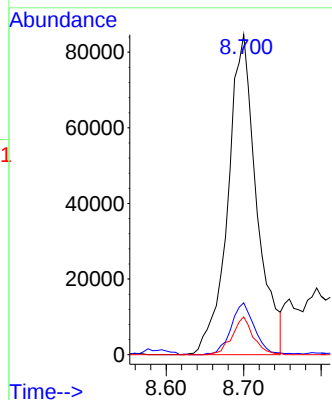
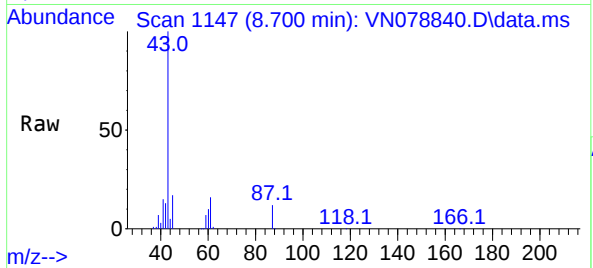




#43
Isopropyl Acetate
Concen: 34.950 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078840.D
Acq: 10 Aug 2023 16:20

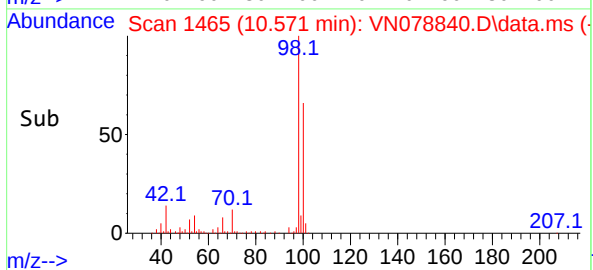
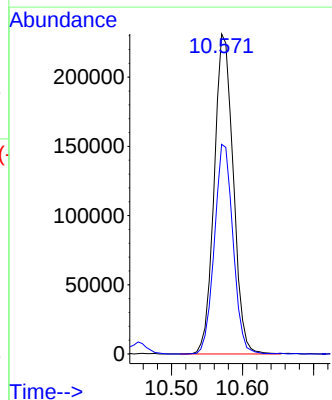
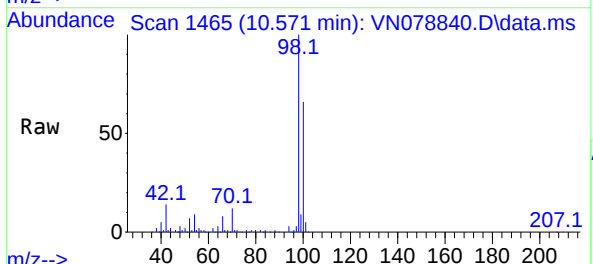
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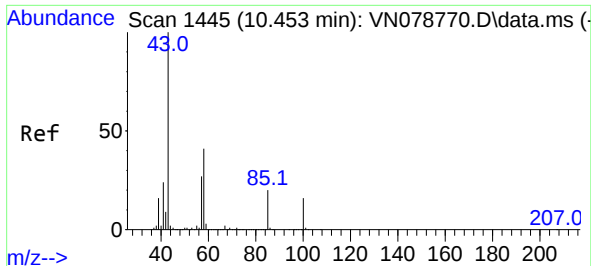
Tgt Ion: 43 Resp: 218534
Ion Ratio Lower Upper
43 100
61 13.4 24.7 37.1#
87 8.7 14.6 21.8#



#50
Toluene-d8
Concen: 51.942 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078840.D
Acq: 10 Aug 2023 16:20

Tgt Ion: 98 Resp: 429769
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

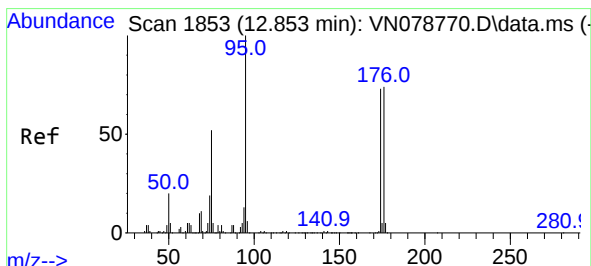
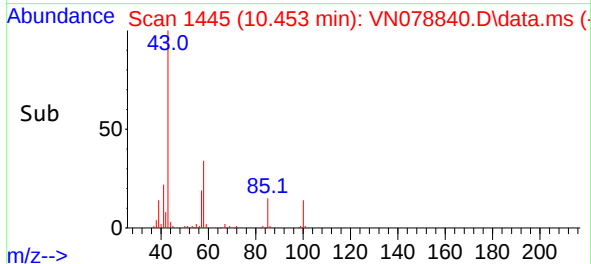
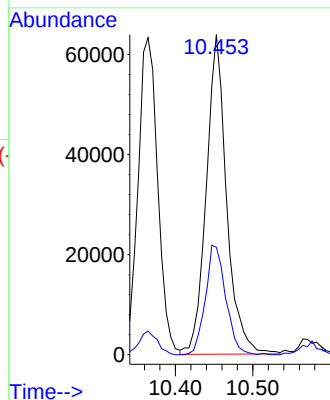
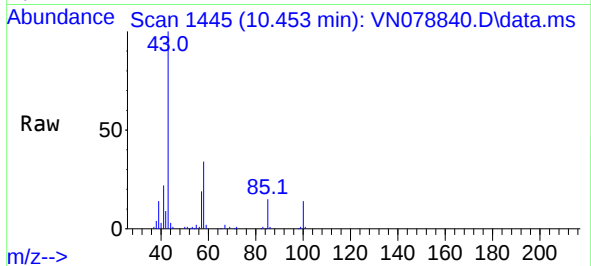




#51
4-Methyl-2-Pentanone
Concen: 30.463 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078840.D
Acq: 10 Aug 2023 16:20

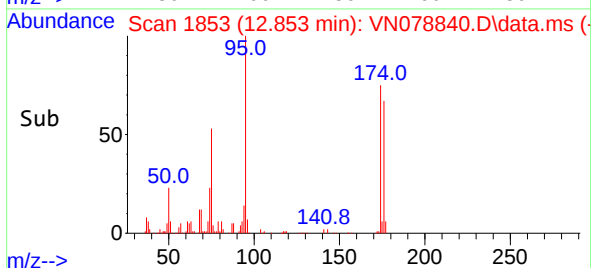
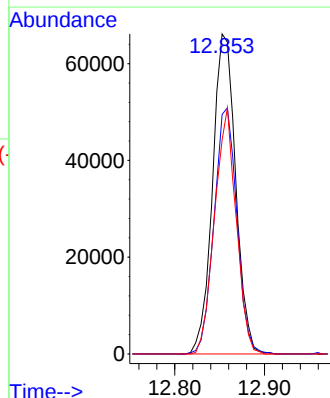
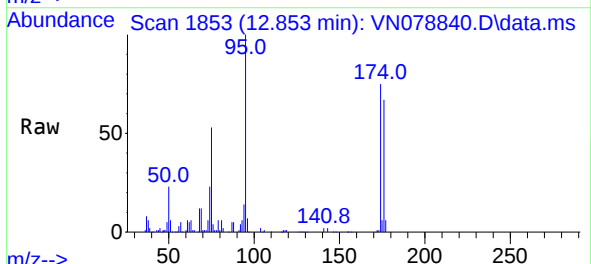
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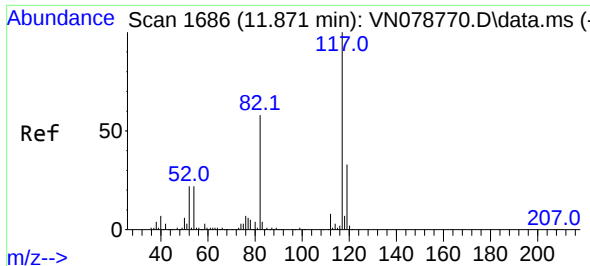
Tgt Ion: 43 Resp: 116670
Ion Ratio Lower Upper
43 100
58 34.1 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 47.821 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078840.D
Acq: 10 Aug 2023 16:20

Tgt Ion: 95 Resp: 118251
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 71.6 0.0 135.8

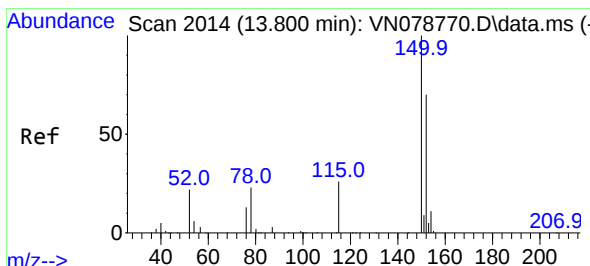
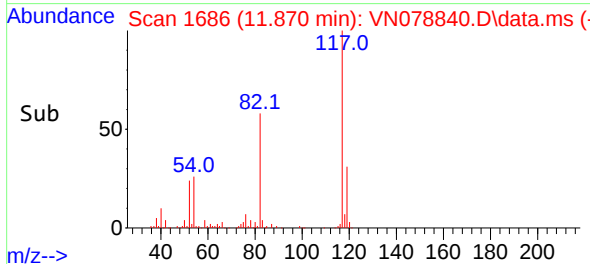
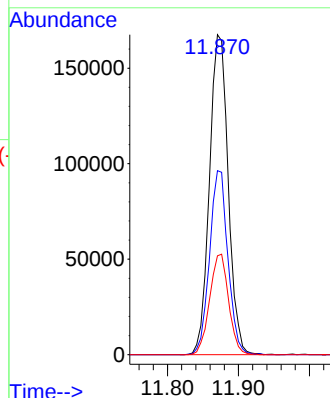
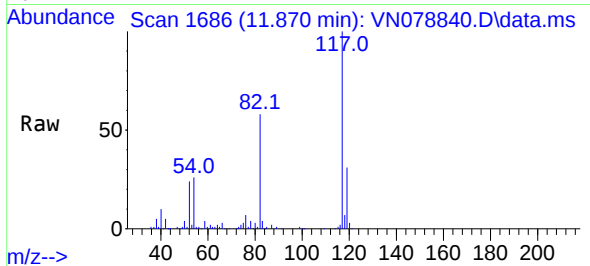




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078840.D
Acq: 10 Aug 2023 16:20

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#11

Tgt Ion:117 Resp: 307054
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 30.9 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: VN078840.D
Acq: 10 Aug 2023 16:20

Tgt Ion:152 Resp: 82851
Ion Ratio Lower Upper
152 100
115 59.8 32.3 96.8
150 161.6 0.0 355.8

