

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078842.D
 Acq On : 10 Aug 2023 17:09
 Operator : JC\MD
 Sample : PB154726ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154726ZHE#13

Quant Time: Aug 10 23:54:22 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)

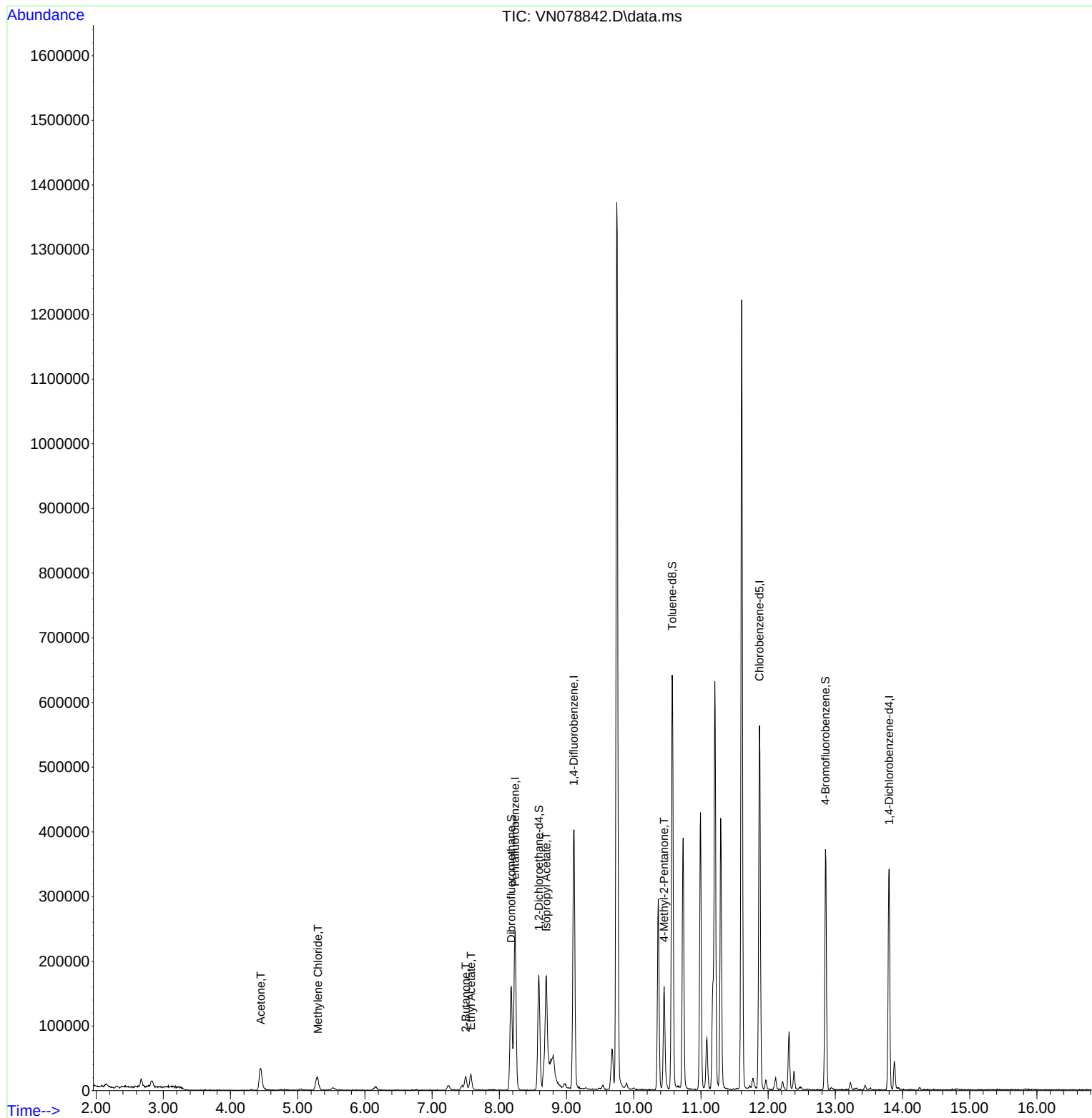
Internal Standards						
1) Pentafluorobenzene	8.236	168	170199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	339530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	312876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	84337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	138426	54.252	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.500%			
35) Dibromofluoromethane	8.177	113	111608	48.676	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.360%			
50) Toluene-d8	10.571	98	433012	51.318	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	12.853	95	116622	46.247	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.500%			
Target Compounds						
16) Acetone	4.448	43	68445	69.719	ug/l	94
20) Methylene Chloride	5.300	84	14860	6.112	ug/l #	79
25) 2-Butanone	7.500	43	33866	20.371	ug/l #	73
37) Ethyl Acetate	7.577	43	36051	9.532	ug/l #	91
43) Isopropyl Acetate	8.700	43	238888	37.463	ug/l #	70
51) 4-Methyl-2-Pentanone	10.453	43	116055	29.714	ug/l #	83

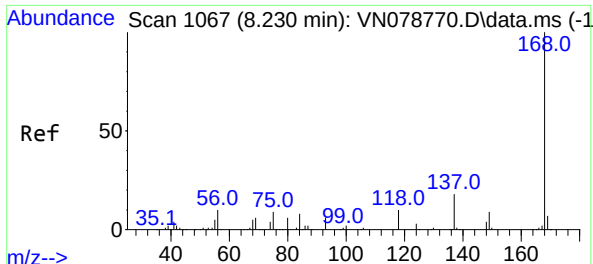
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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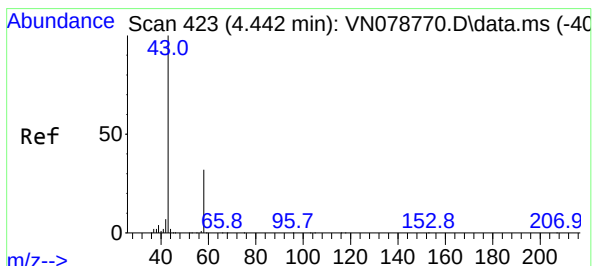
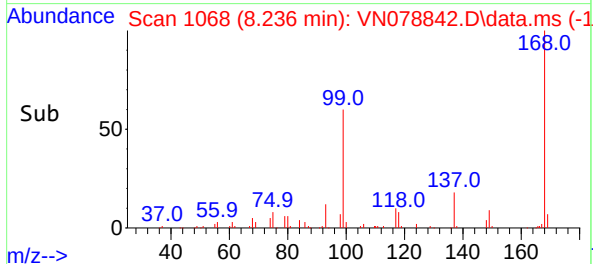
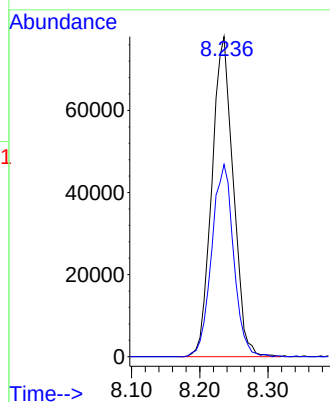
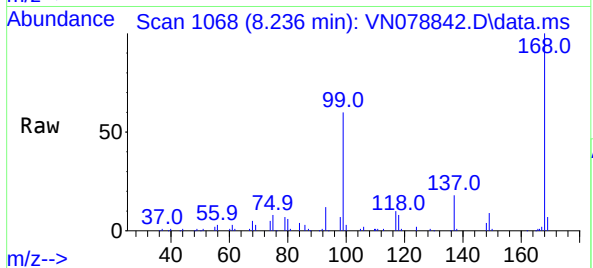




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

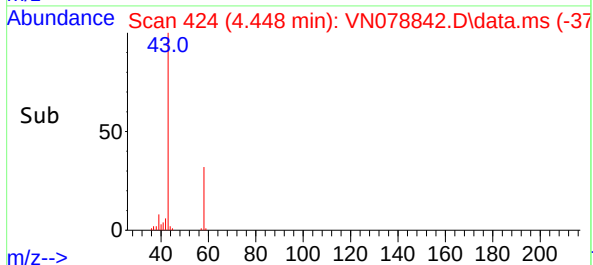
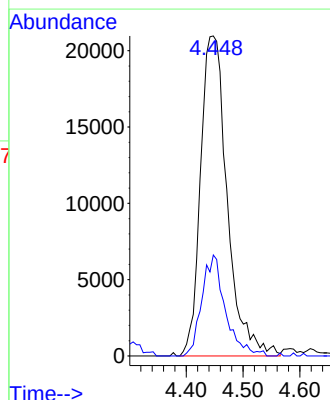
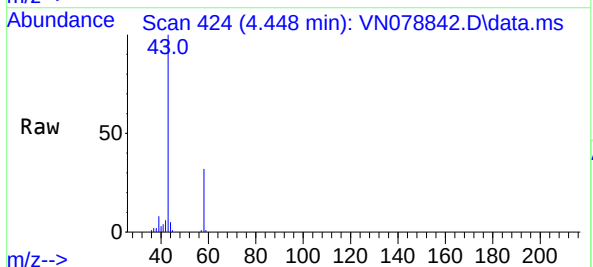
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#13

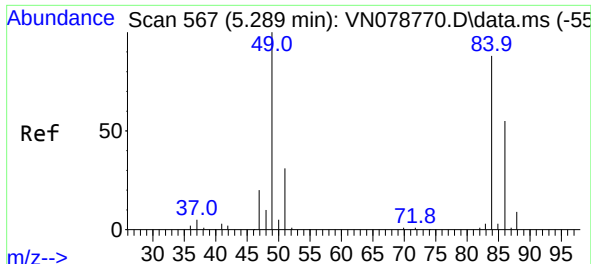
Tgt Ion:168 Resp: 170199
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#16
Acetone
Concen: 69.719 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

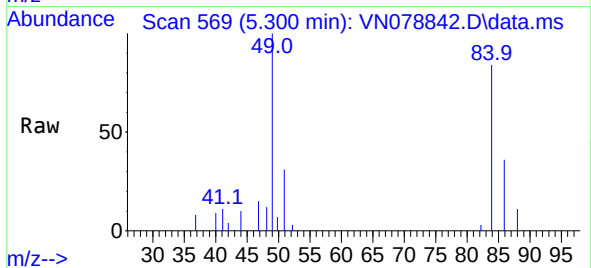
Tgt Ion: 43 Resp: 68445
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0





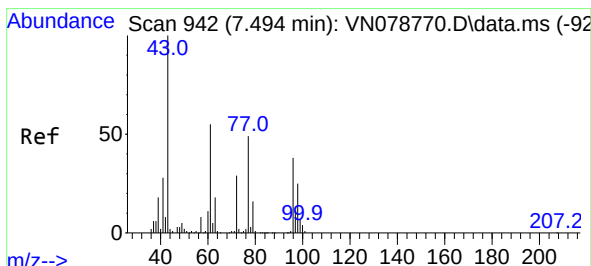
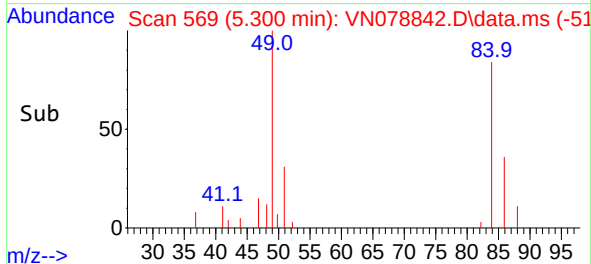
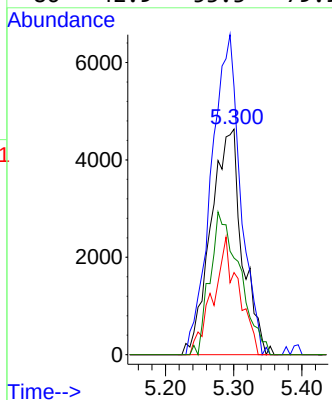
#20
Methylene Chloride
Concen: 6.112 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#13



Tgt Ion: 84 Resp: 14860

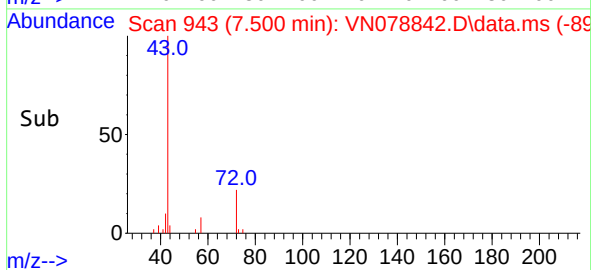
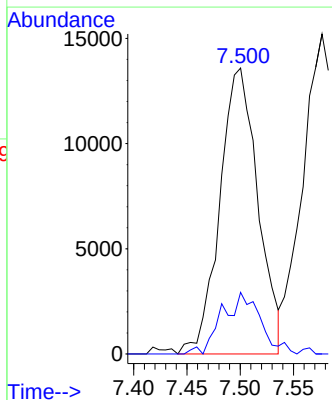
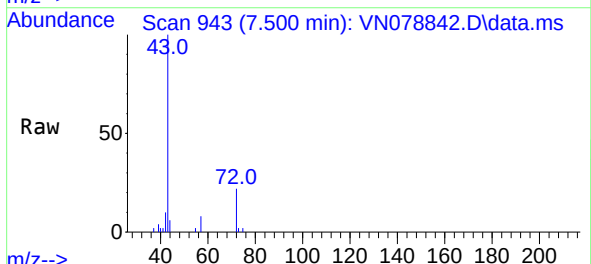
Ion	Ratio	Lower	Upper
84	100		
49	118.6	79.7	119.5
51	36.4	25.2	37.8
86	42.9	53.3	79.9#

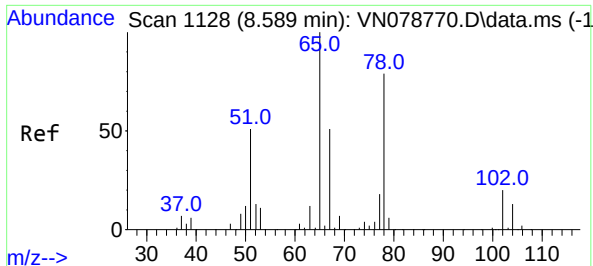


#25
2-Butanone
Concen: 20.371 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

Tgt Ion: 43 Resp: 33866

Ion	Ratio	Lower	Upper
43	100		
72	21.5	30.2	45.2#

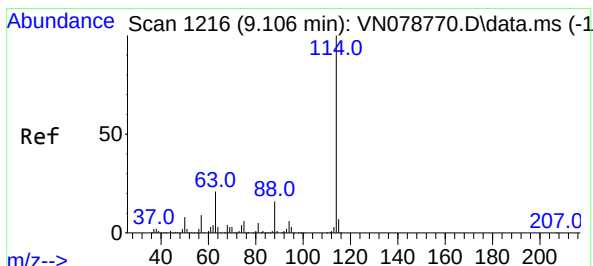
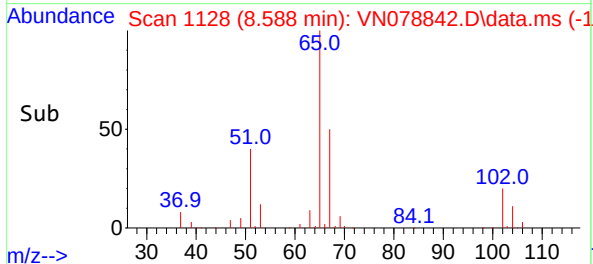
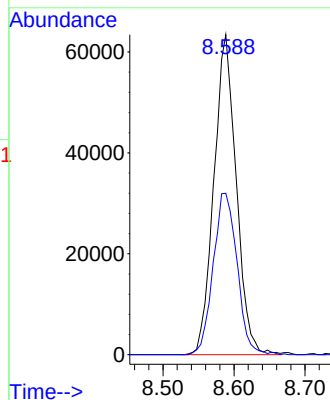
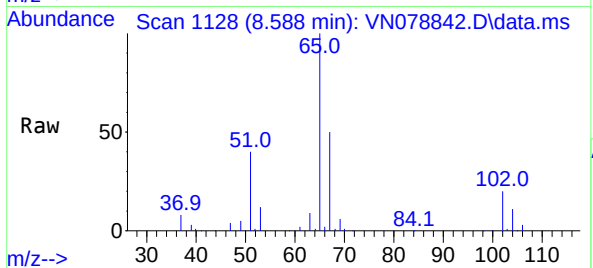




#33
1,2-Dichloroethane-d4
Concen: 54.252 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

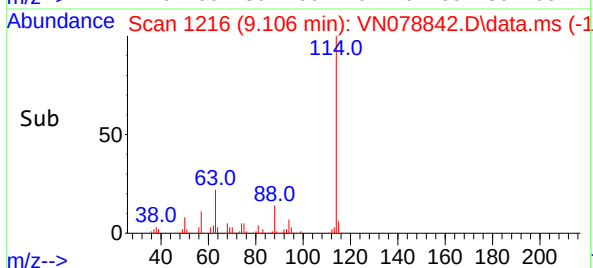
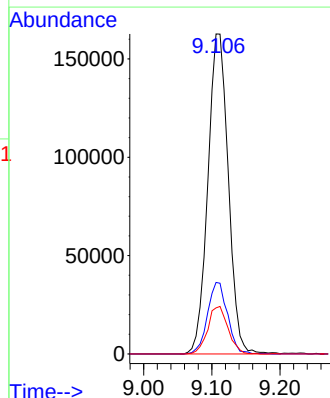
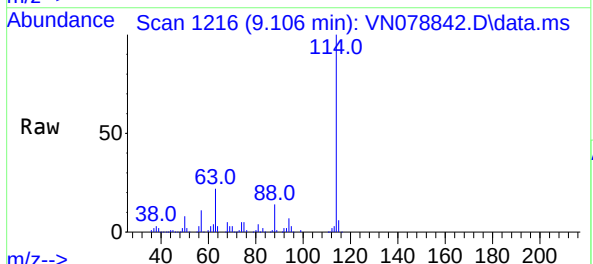
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#13

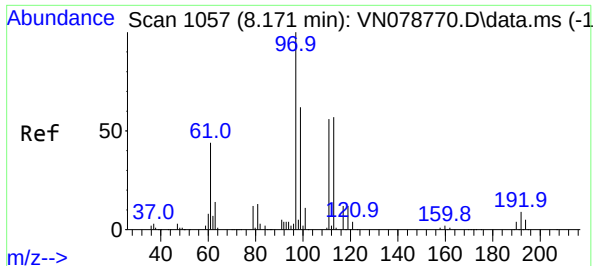
Tgt Ion: 65 Resp: 138426
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

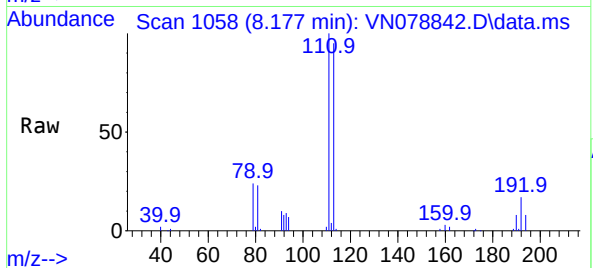
Tgt Ion: 114 Resp: 339530
Ion Ratio Lower Upper
114 100
63 22.4 0.0 36.4
88 14.4 0.0 30.6



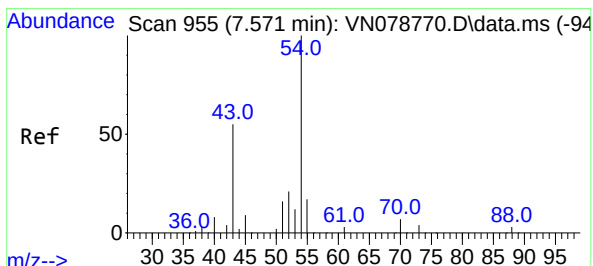
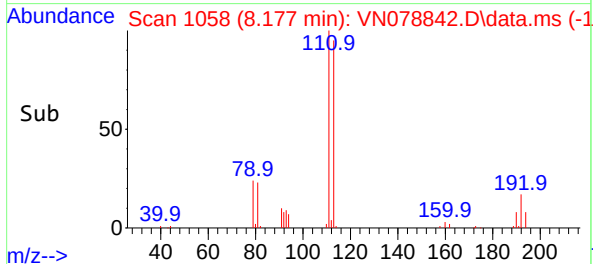
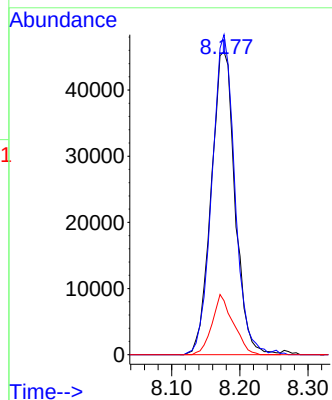


#35
Dibromofluoromethane
Concen: 48.676 ug/l
RT: 8.177 min Scan# 111608
Delta R.T. 0.006 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#13

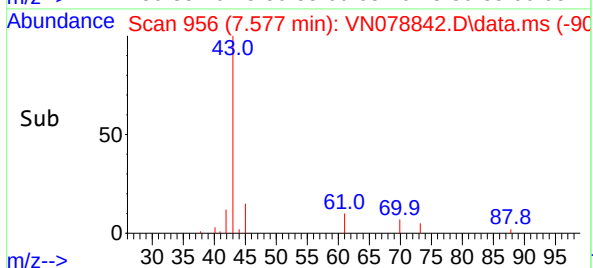
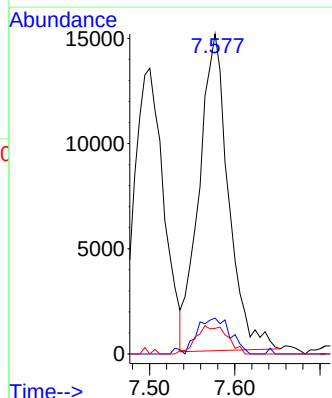
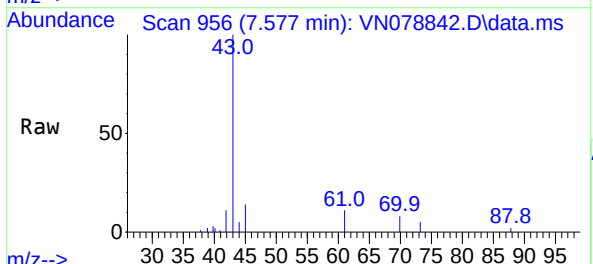


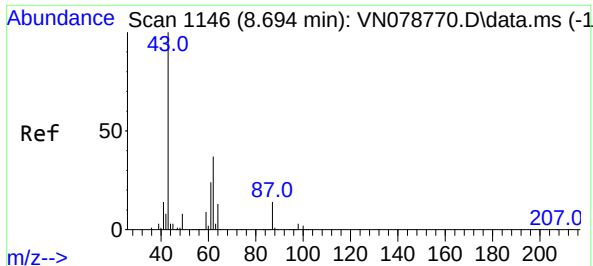
Tgt Ion:113 Resp: 111608
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 17.5 12.7 19.1



#37
Ethyl Acetate
Concen: 9.532 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

Tgt Ion: 43 Resp: 36051
Ion Ratio Lower Upper
43 100
61 13.2 13.2 19.8
70 9.5 11.3 16.9#

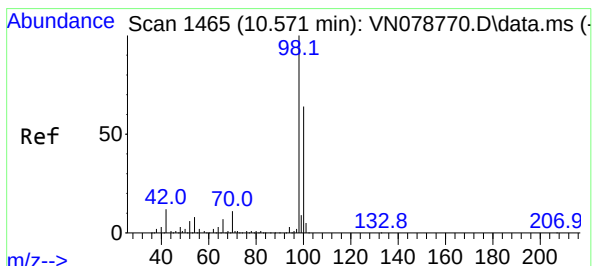
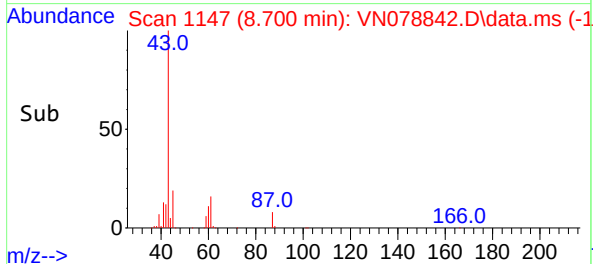
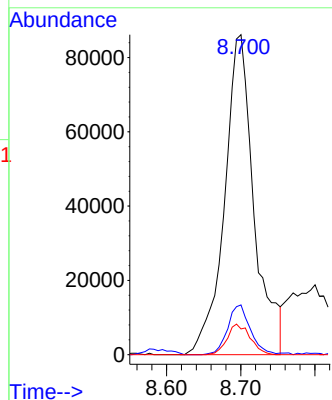
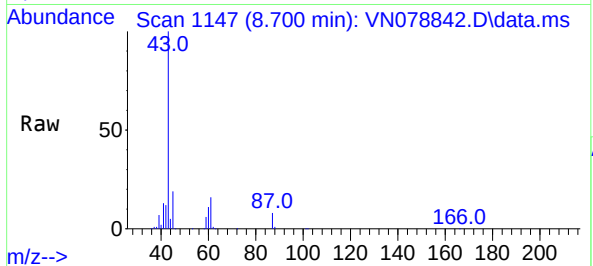




#43
Isopropyl Acetate
Concen: 37.463 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

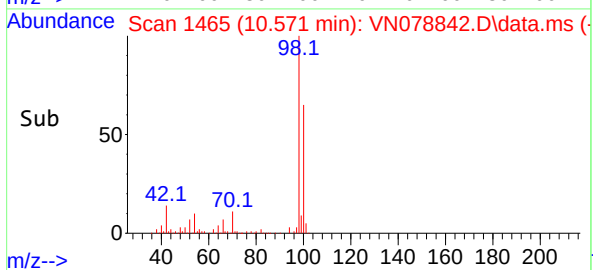
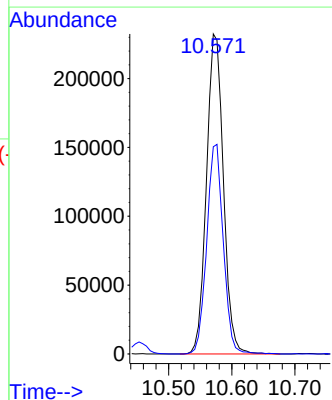
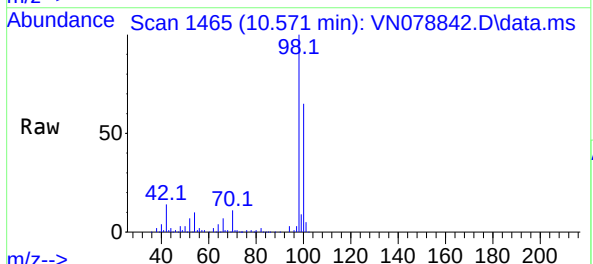
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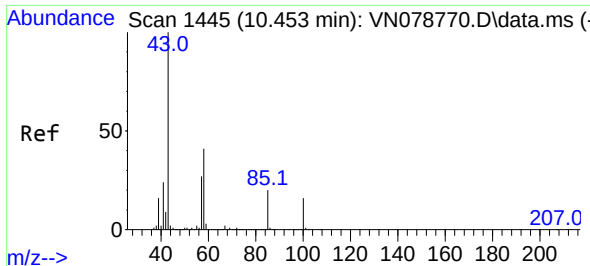
Tgt Ion: 43 Resp: 238888
Ion Ratio Lower Upper
43 100
61 12.1 24.7 37.1#
87 7.4 14.6 21.8#



#50
Toluene-d8
Concen: 51.318 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

Tgt Ion: 98 Resp: 433012
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

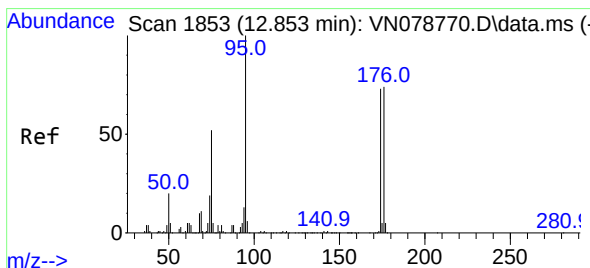
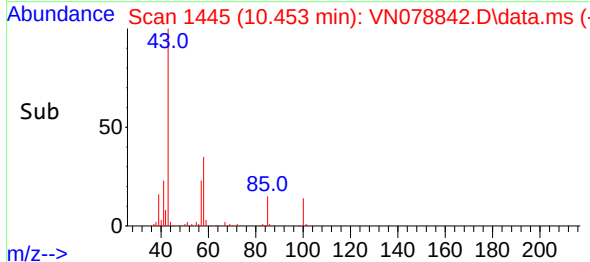
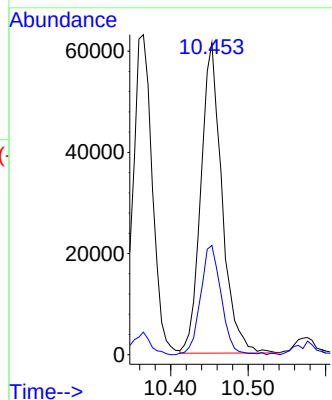
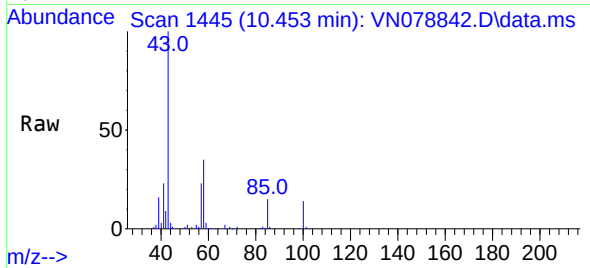




#51
4-Methyl-2-Pentanone
Concen: 29.714 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

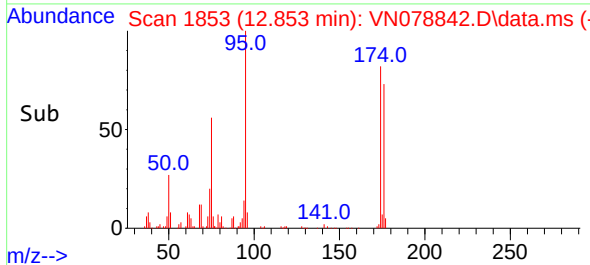
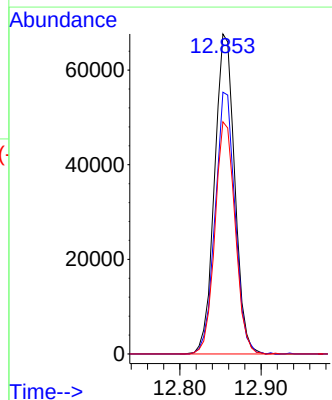
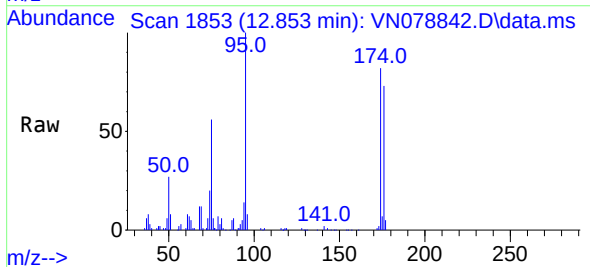
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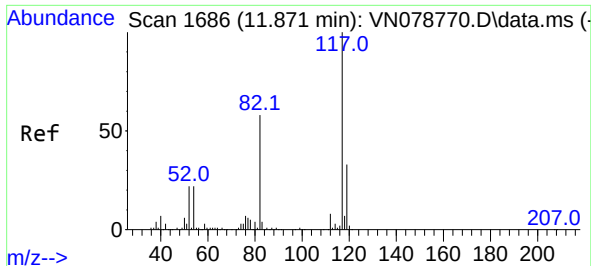
Tgt Ion: 43 Resp: 116055
Ion Ratio Lower Upper
43 100
58 34.4 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.247 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

Tgt Ion: 95 Resp: 116622
Ion Ratio Lower Upper
95 100
174 80.8 0.0 143.8
176 72.7 0.0 135.8

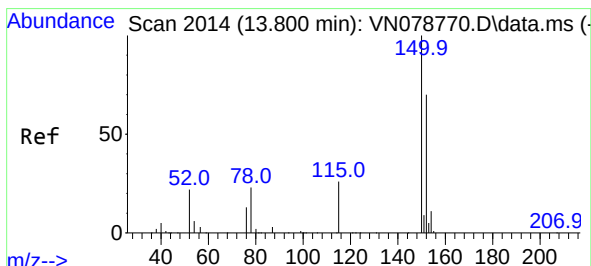
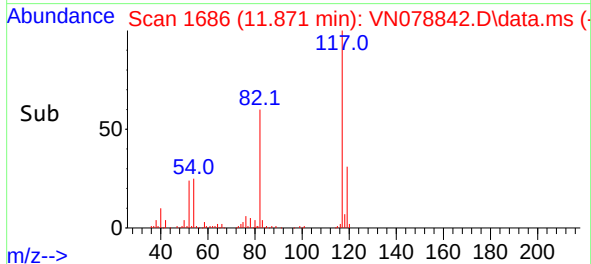
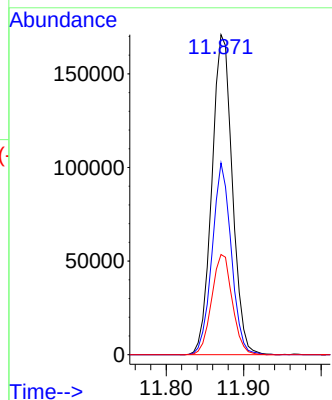
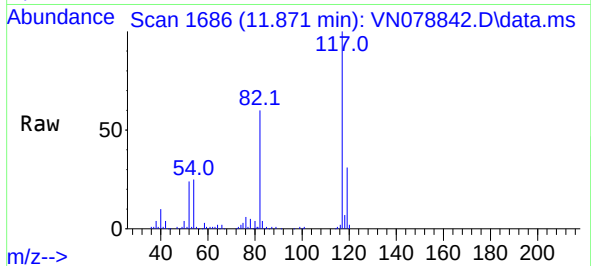




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#13

Tgt Ion:117 Resp: 312876
Ion Ratio Lower Upper
117 100
82 59.9 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# 2014
Delta R.T. -0.000 min
Lab File: VN078842.D
Acq: 10 Aug 2023 17:09

Tgt Ion:152 Resp: 84337
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 159.0 0.0 355.8

