

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078835.D
 Acq On : 10 Aug 2023 14:20
 Operator : JC\MD
 Sample : PB154726ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154726ZHE#06

Quant Time: Aug 10 23:51:45 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)

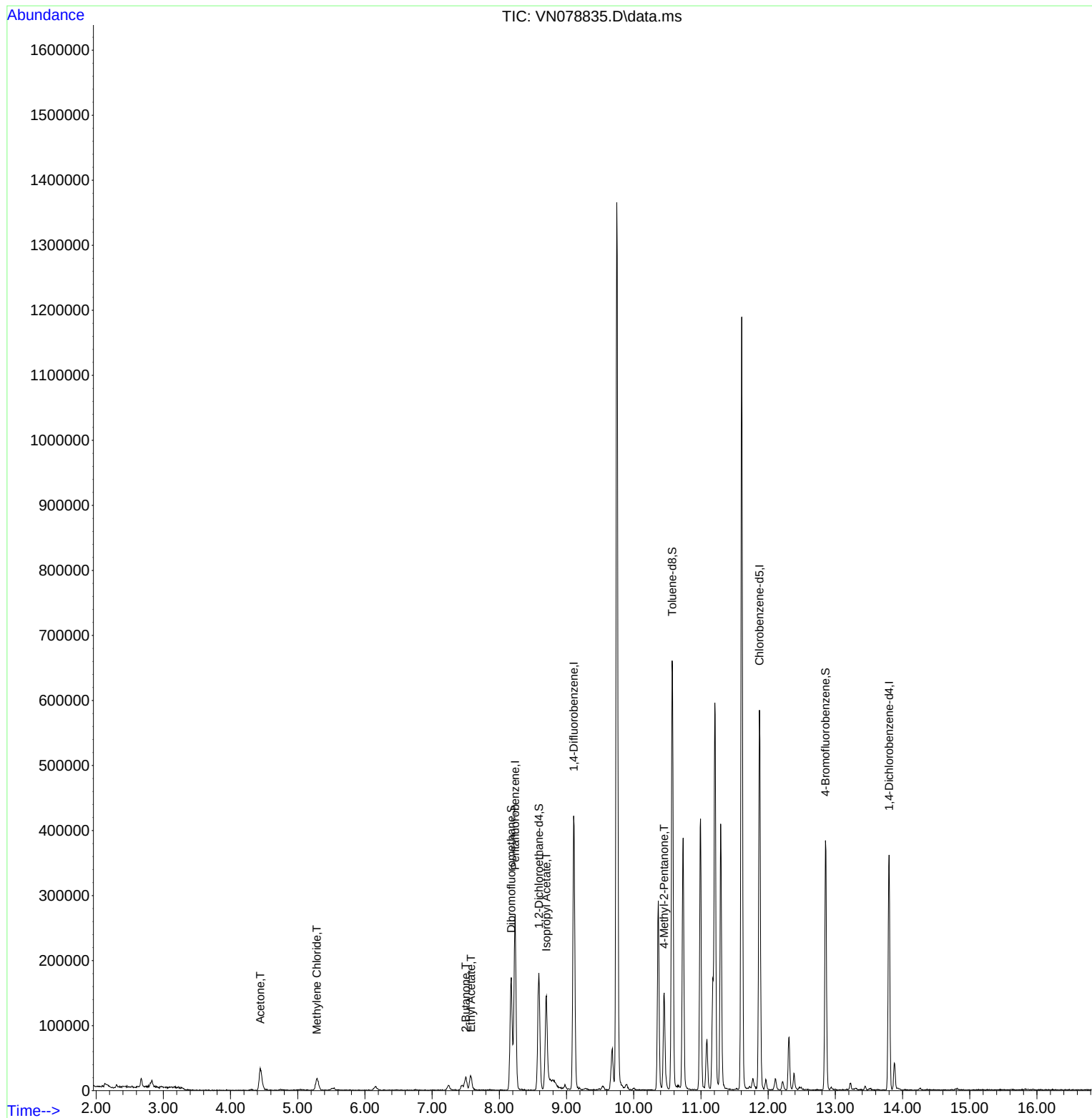
Internal Standards						
1) Pentafluorobenzene	8.236	168	176372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	342948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	319739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	92461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	140783	53.245	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.480%		
35) Dibromofluoromethane	8.177	113	118048	50.971	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.940%		
50) Toluene-d8	10.571	98	440473	51.682	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.360%		
62) 4-Bromofluorobenzene	12.853	95	122340	48.031	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.060%		
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	63126	62.050	ug/l	92
20) Methylene Chloride	5.283	84	13277	5.270	ug/l #	91
25) 2-Butanone	7.500	43	32329	18.766	ug/l #	78
37) Ethyl Acetate	7.577	43	32265	8.446	ug/l #	94
43) Isopropyl Acetate	8.700	43	178692	27.744	ug/l #	75
51) 4-Methyl-2-Pentanone	10.453	43	110508	28.011	ug/l #	81

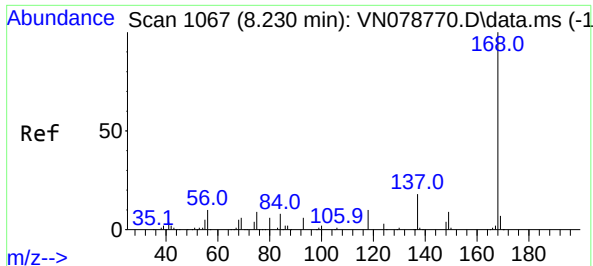
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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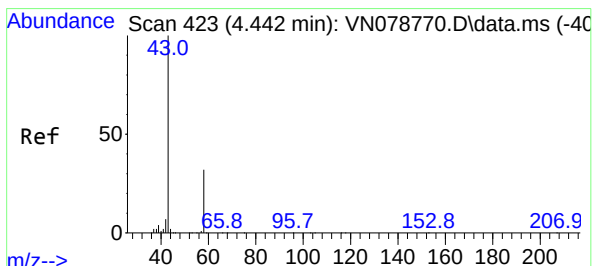
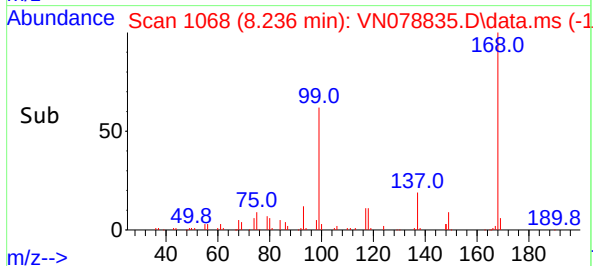
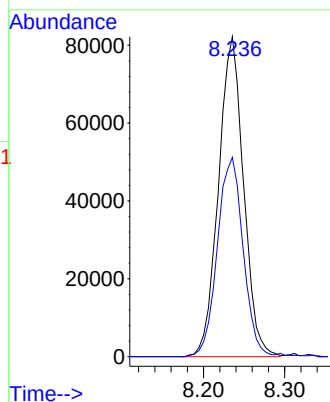
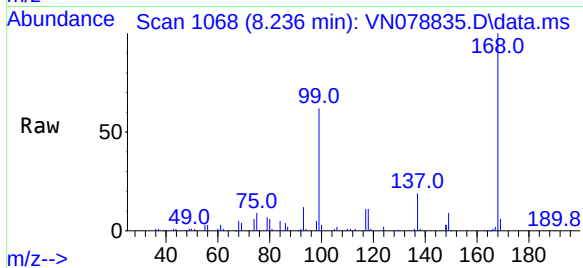




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078835.D
Acq: 10 Aug 2023 14:20

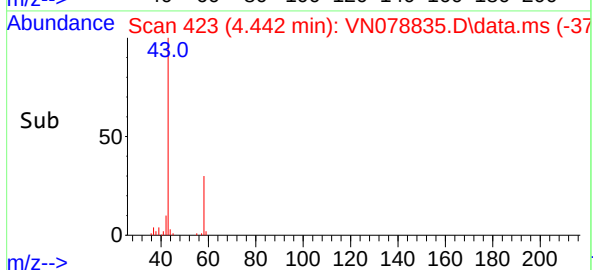
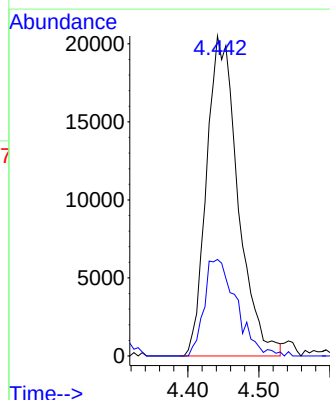
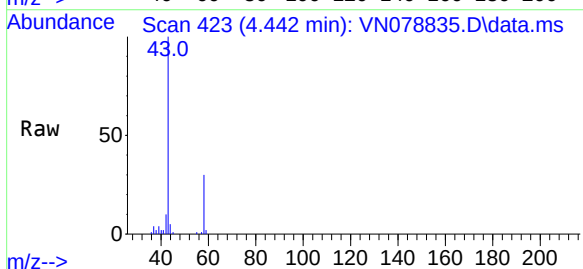
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#06

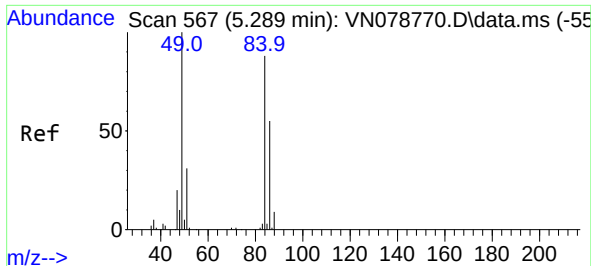
Tgt Ion:168 Resp: 176372
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6



#16
Acetone
Concen: 62.050 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078835.D
Acq: 10 Aug 2023 14:20

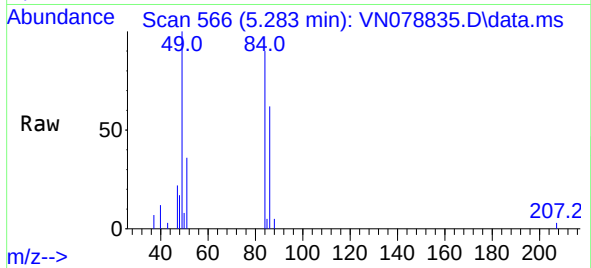
Tgt Ion: 43 Resp: 63126
Ion Ratio Lower Upper
43 100
58 30.1 28.0 42.0





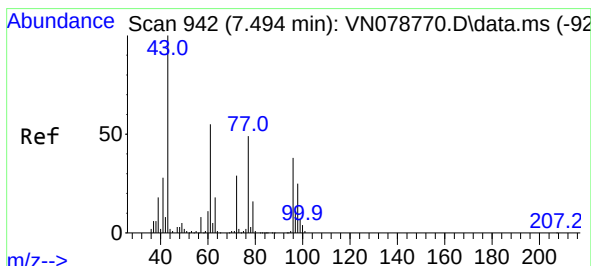
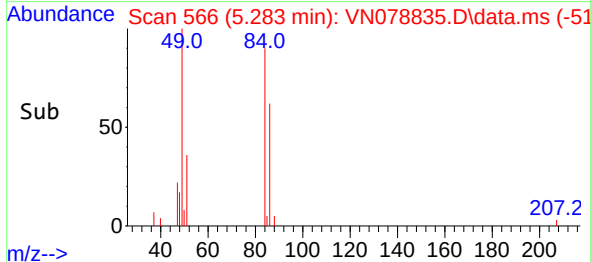
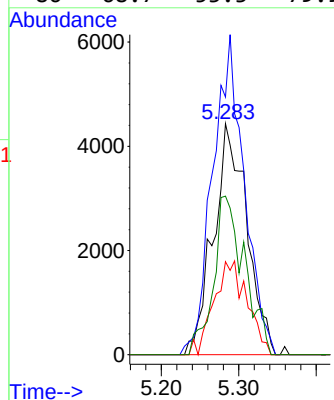
#20
Methylene Chloride
Concen: 5.270 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078835.D
Acq: 10 Aug 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#06



Tgt Ion: 84 Resp: 13277

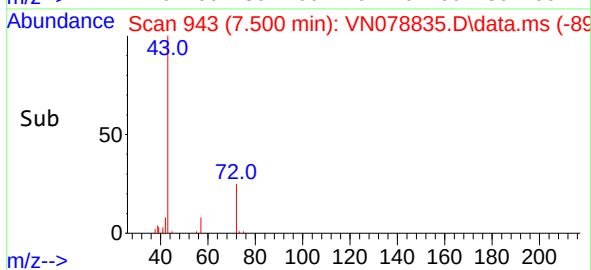
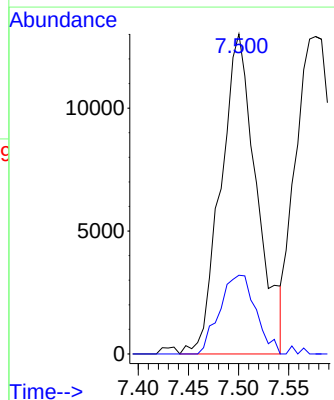
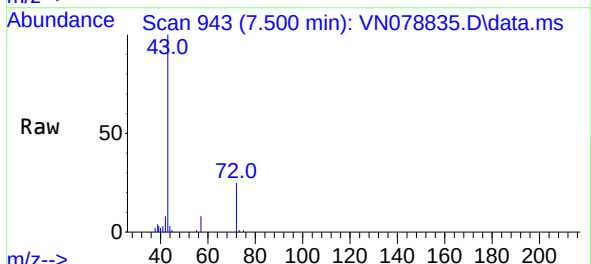
Ion	Ratio	Lower	Upper
84	100		
49	111.5	79.7	119.5
51	40.3	25.2	37.8#
86	68.7	53.3	79.9

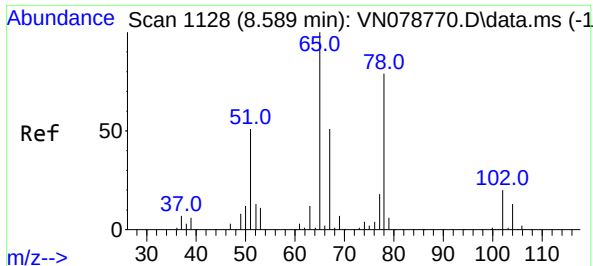


#25
2-Butanone
Concen: 18.766 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078835.D
Acq: 10 Aug 2023 14:20

Tgt Ion: 43 Resp: 32329

Ion	Ratio	Lower	Upper
43	100		
72	24.6	30.2	45.2#

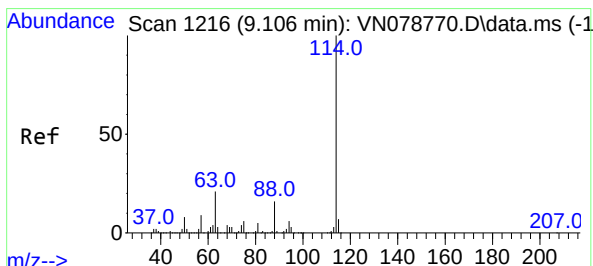
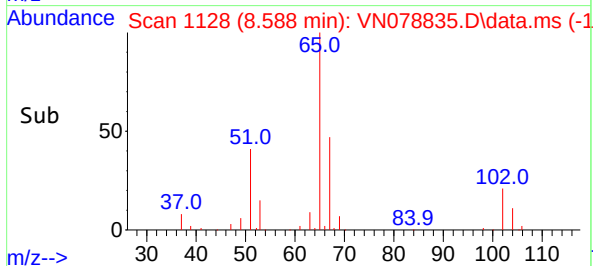
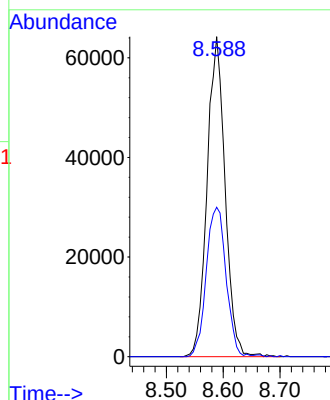
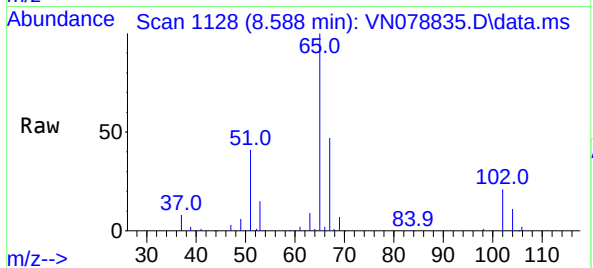




#33
1,2-Dichloroethane-d4
Concen: 53.245 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078835.D
Acq: 10 Aug 2023 14:20

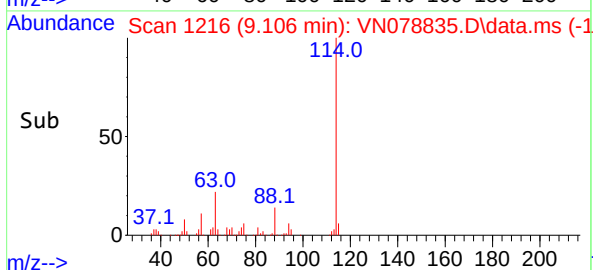
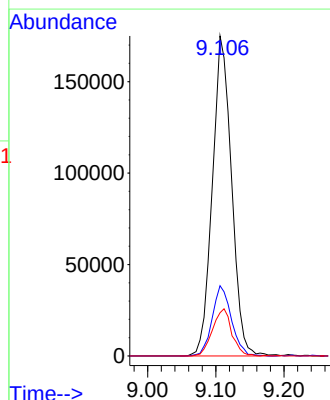
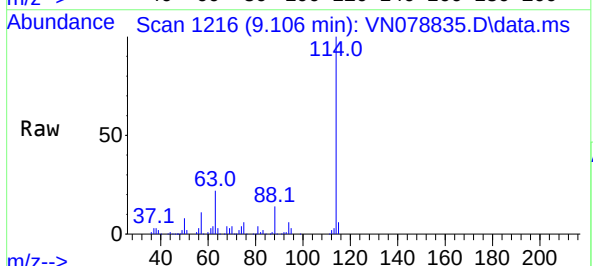
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#06

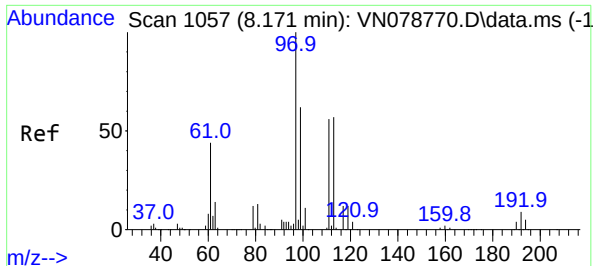
Tgt Ion: 65 Resp: 140783
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078835.D
Acq: 10 Aug 2023 14:20

Tgt Ion: 114 Resp: 342948
Ion Ratio Lower Upper
114 100
63 22.0 0.0 36.4
88 13.5 0.0 30.6

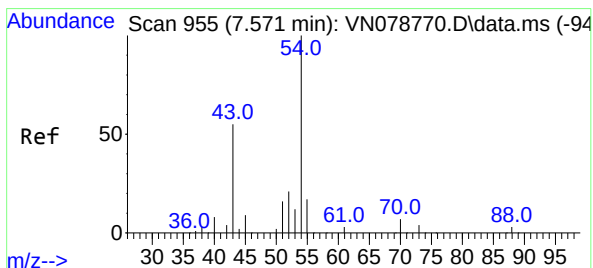
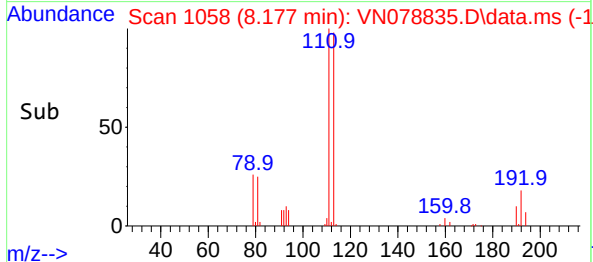
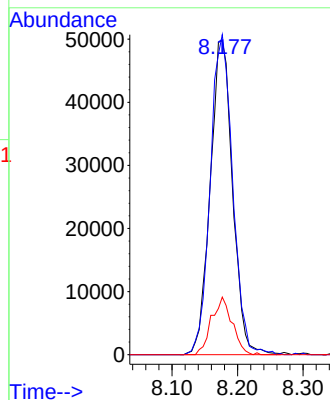
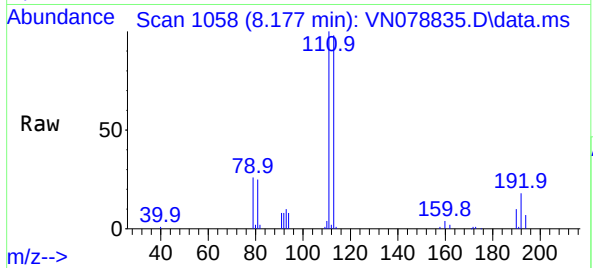




#35
Dibromofluoromethane
Concen: 50.971 ug/l
RT: 8.177 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN078835.D
Acq: 10 Aug 2023 14:20

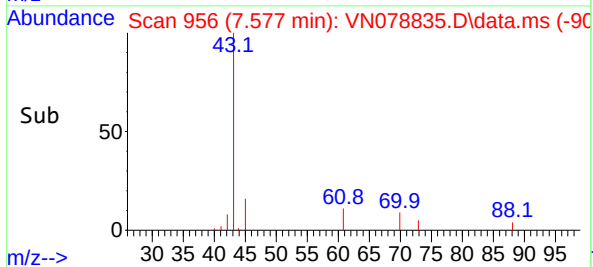
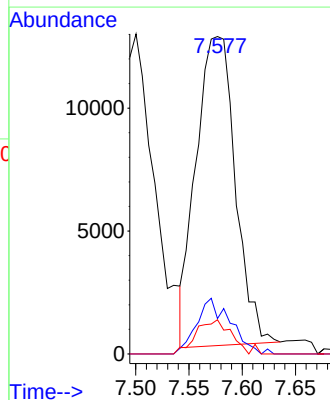
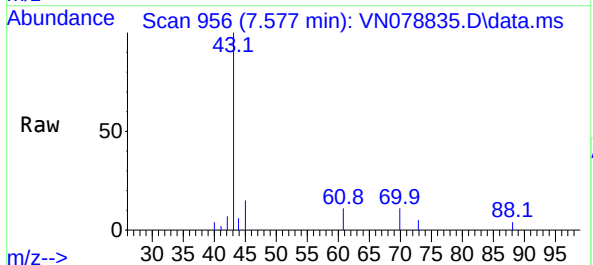
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#06

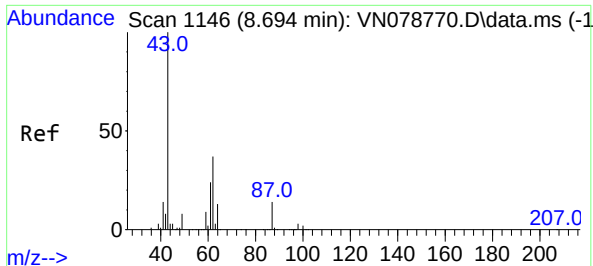
Tgt Ion:113 Resp: 118048
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 16.9 12.7 19.1



#37
Ethyl Acetate
Concen: 8.446 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078835.D
Acq: 10 Aug 2023 14:20

Tgt Ion: 43 Resp: 32265
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 9.7 11.3 16.9#

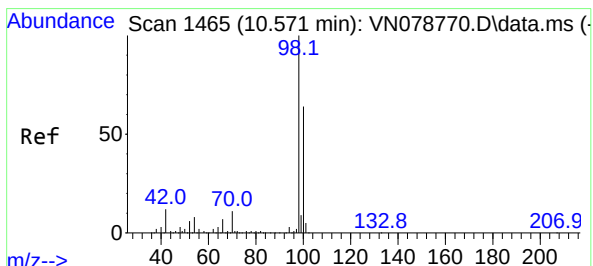
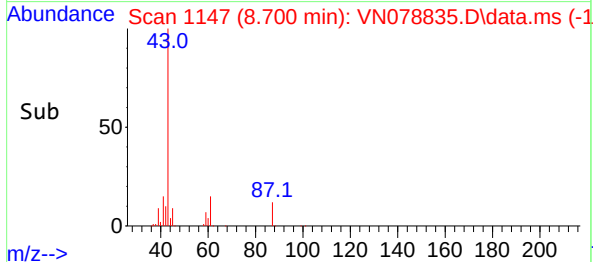
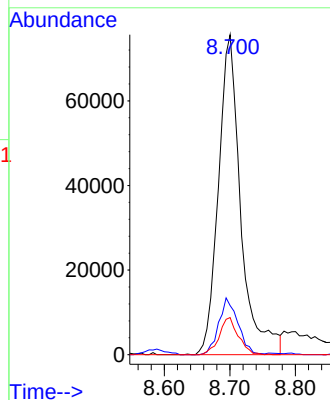
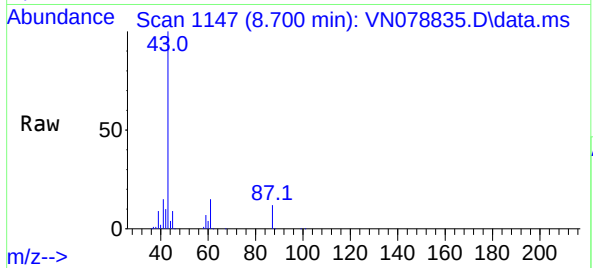




#43
Isopropyl Acetate
Concen: 27.744 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078835.D
Acq: 10 Aug 2023 14:20

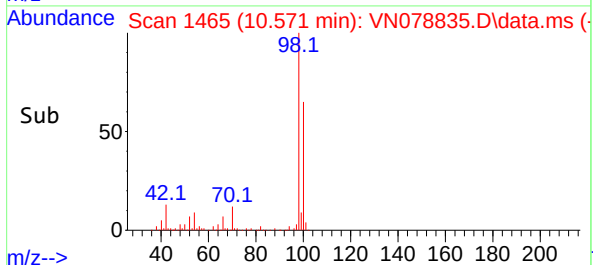
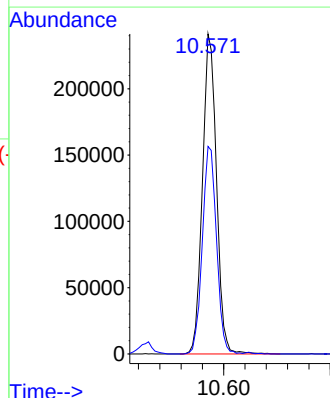
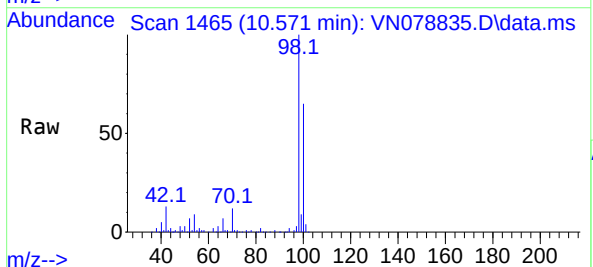
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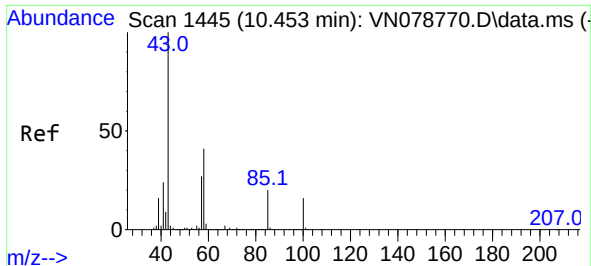
Tgt Ion: 43 Resp: 178692
Ion Ratio Lower Upper
43 100
61 15.3 24.7 37.1#
87 9.9 14.6 21.8#



#50
Toluene-d8
Concen: 51.682 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078835.D
Acq: 10 Aug 2023 14:20

Tgt Ion: 98 Resp: 440473
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

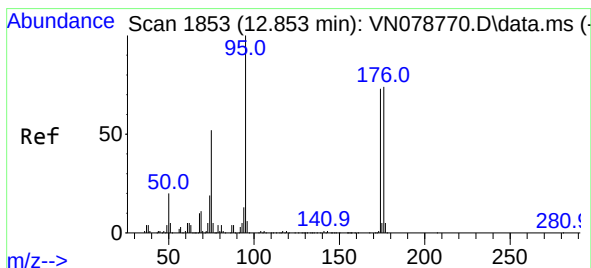
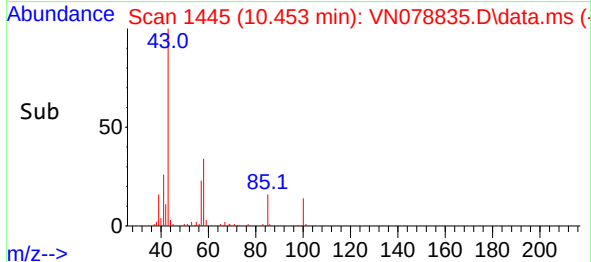
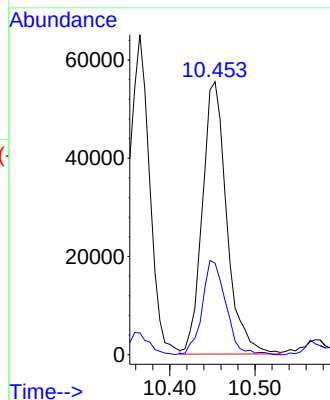
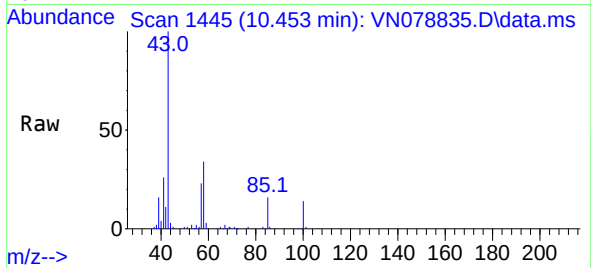




#51
4-Methyl-2-Pentanone
Concen: 28.011 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078835.D
Acq: 10 Aug 2023 14:20

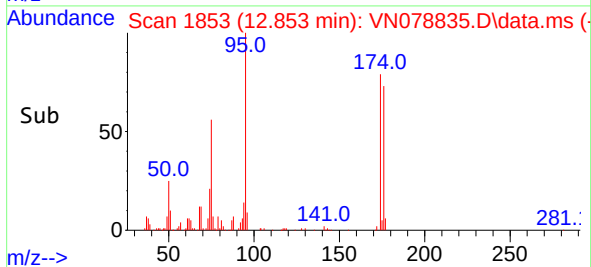
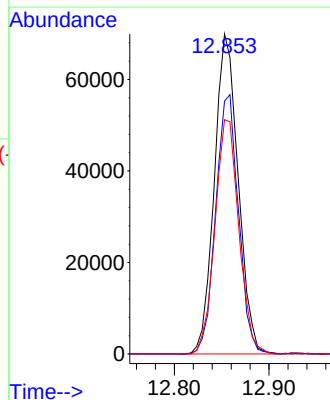
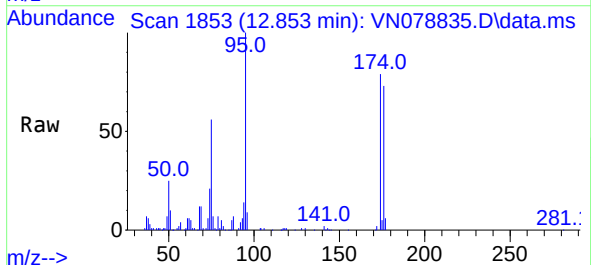
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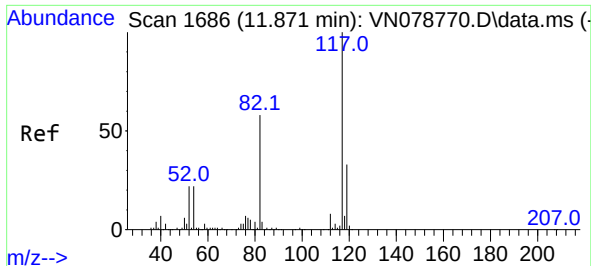
Tgt Ion: 43 Resp: 110508
Ion Ratio Lower Upper
43 100
58 33.4 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 48.031 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078835.D
Acq: 10 Aug 2023 14:20

Tgt Ion: 95 Resp: 122340
Ion Ratio Lower Upper
95 100
174 77.7 0.0 143.8
176 73.5 0.0 135.8

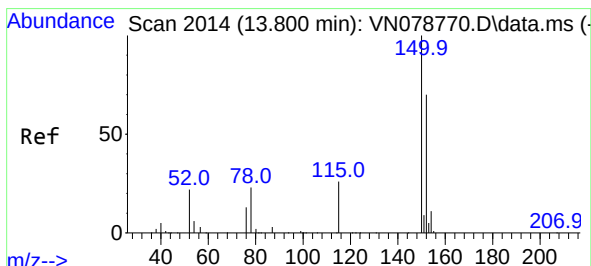
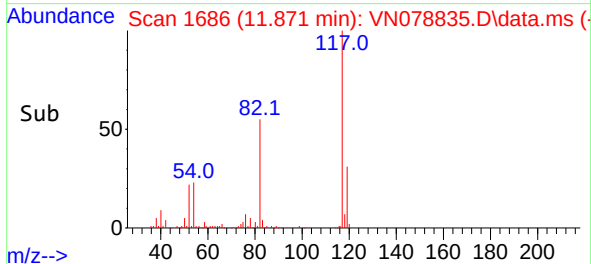
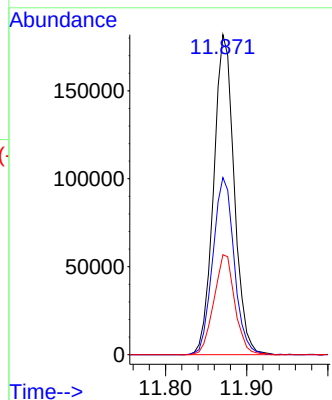
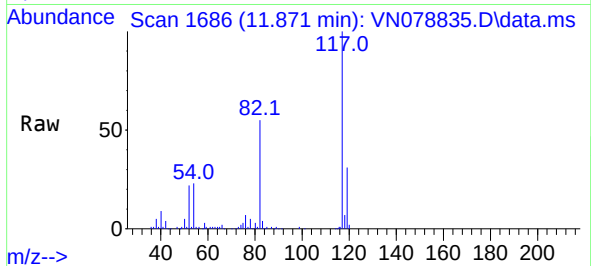




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078835.D
Acq: 10 Aug 2023 14:20

Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#06

Tgt Ion:117 Resp: 319739
Ion Ratio Lower Upper
117 100
82 55.4 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: VN078835.D
Acq: 10 Aug 2023 14:20

Tgt Ion:152 Resp: 92461
Ion Ratio Lower Upper
152 100
115 60.3 32.3 96.8
150 160.0 0.0 355.8

