

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078993.D
 Acq On : 22 Aug 2023 14:47
 Operator : JC\MD
 Sample : PB154968ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154968ZHE#08

Quant Time: Aug 23 03:03:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

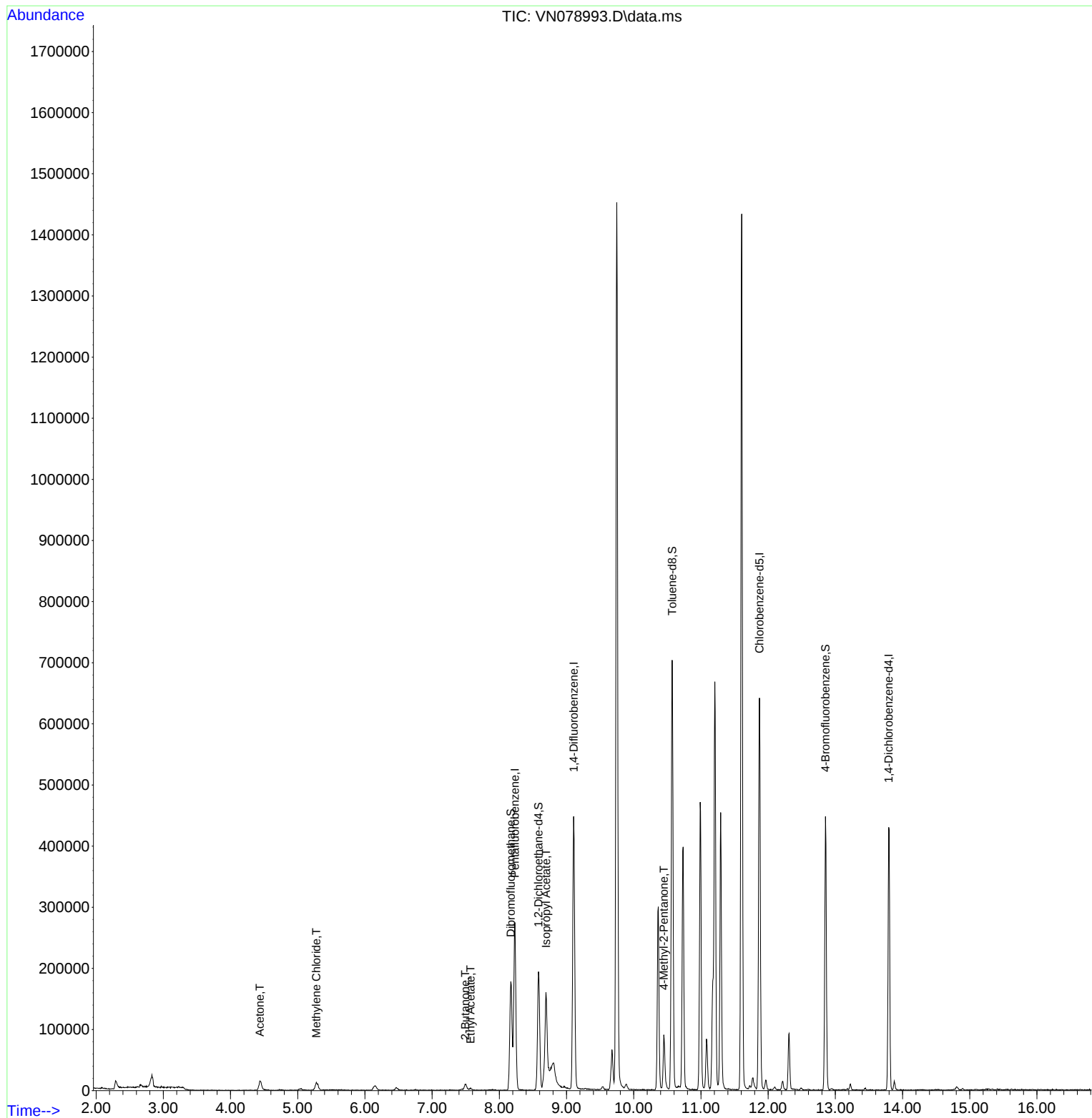
Internal Standards						
1) Pentafluorobenzene	8.230	168	189675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	371242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	358042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	155575	52.710	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.420%		
35) Dibromofluoromethane	8.171	113	127326	50.951	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.900%		
50) Toluene-d8	10.571	98	467793	50.414	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.820%		
62) 4-Bromofluorobenzene	12.853	95	143094	47.180	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.360%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	29007	23.818	ug/l #	82
20) Methylene Chloride	5.277	84	9182	3.538	ug/l #	77
25) 2-Butanone	7.494	43	17041	8.728	ug/l #	81
37) Ethyl Acetate	7.571	43	4944	1.175	ug/l #	72
43) Isopropyl Acetate	8.694	43	203454	27.368	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	64337	14.592	ug/l #	83

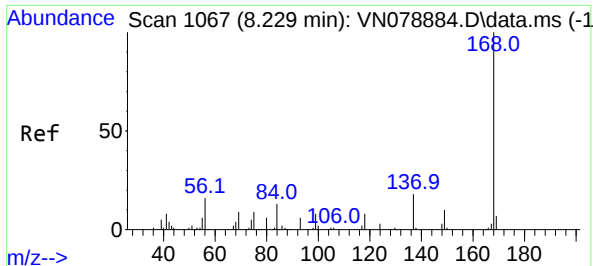
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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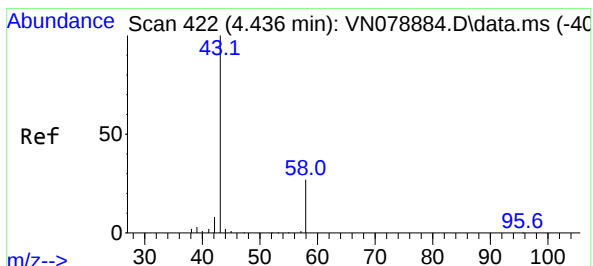
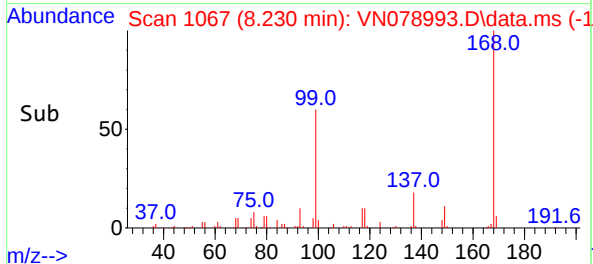
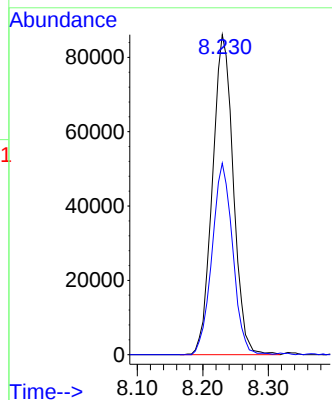
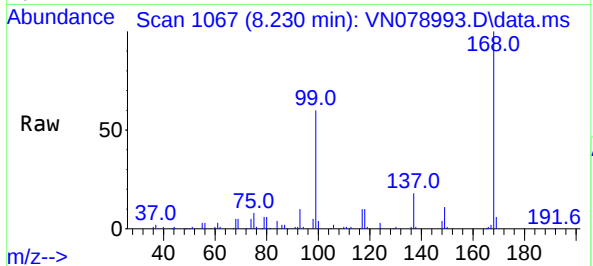




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47

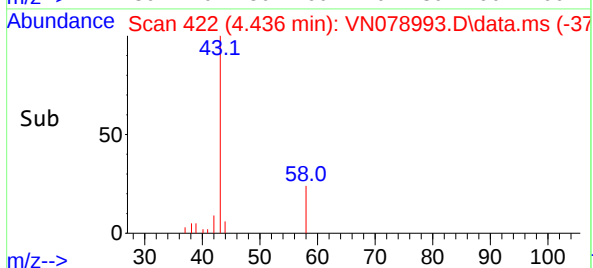
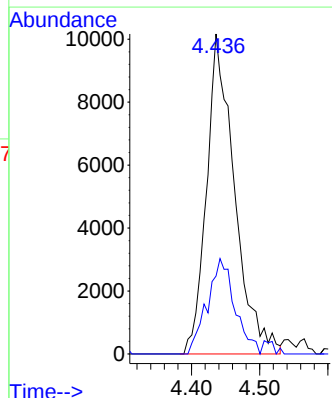
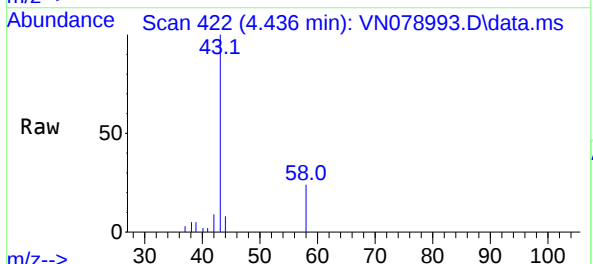
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#08

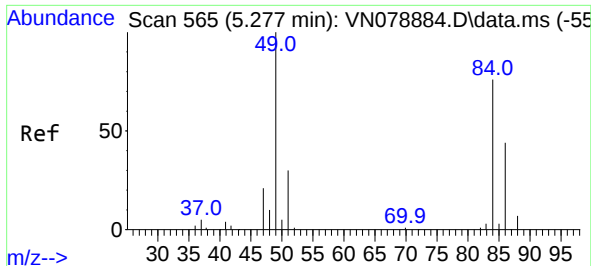
Tgt Ion:168 Resp: 189675
Ion Ratio Lower Upper
168 100
99 59.9 53.0 79.6



#16
Acetone
Concen: 23.818 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47

Tgt Ion: 43 Resp: 29007
Ion Ratio Lower Upper
43 100
58 24.3 28.0 42.0#



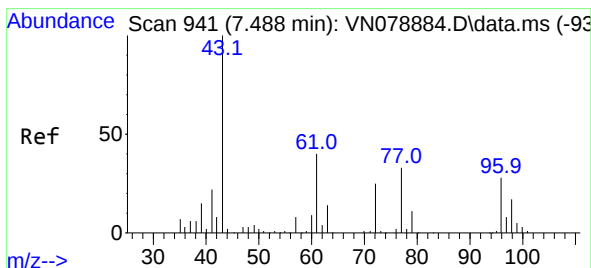
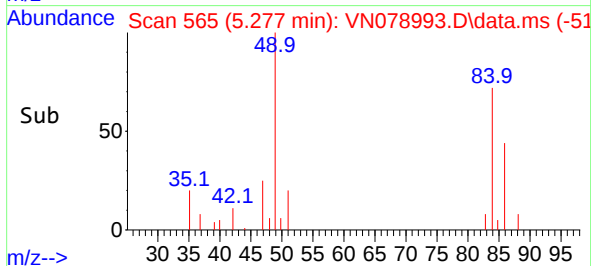
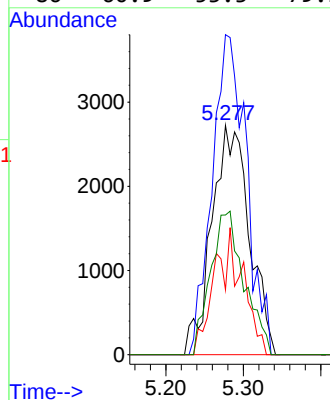
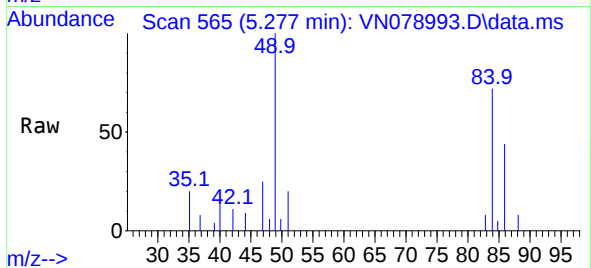


#20
Methylene Chloride
Concen: 3.538 ug/l
RT: 5.277 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47

Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#08

Tgt Ion: 84 Resp: 9182

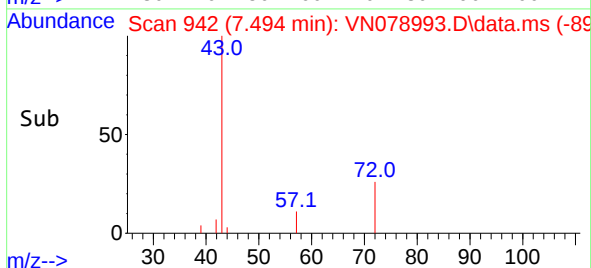
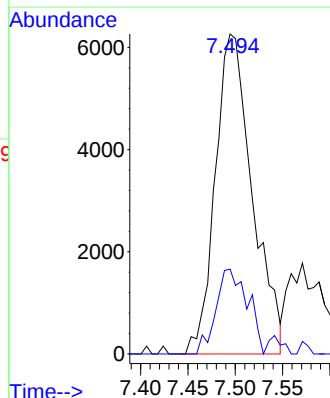
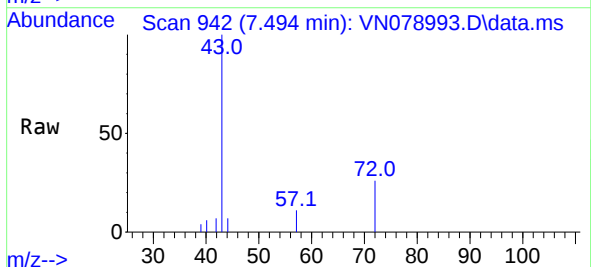
Ion	Ratio	Lower	Upper
84	100		
49	139.5	79.7	119.5#
51	28.3	25.2	37.8
86	60.9	53.3	79.9

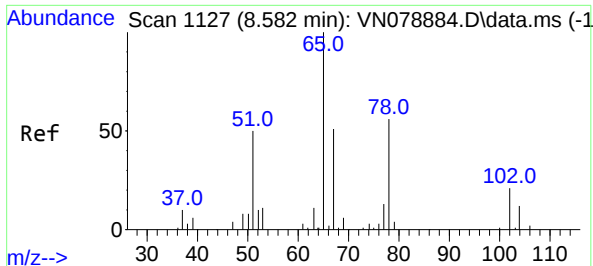


#25
2-Butanone
Concen: 8.728 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47

Tgt Ion: 43 Resp: 17041

Ion	Ratio	Lower	Upper
43	100		
72	26.5	30.2	45.2#

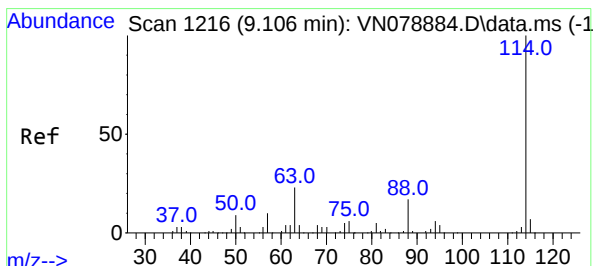
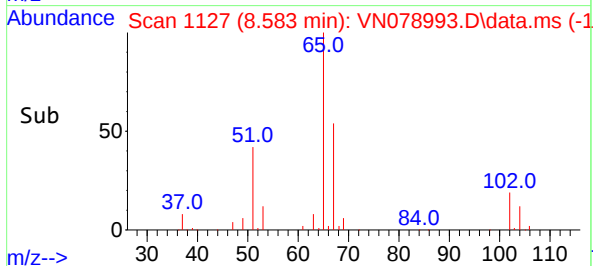
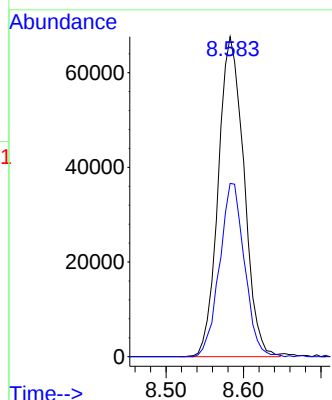
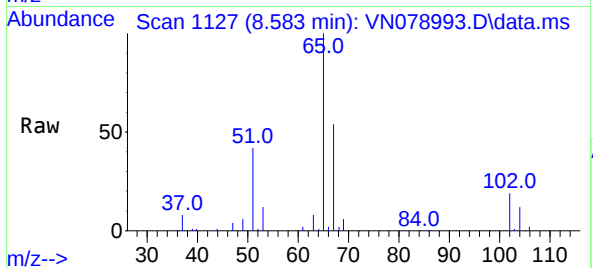




#33
1,2-Dichloroethane-d4
Concen: 52.710 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47

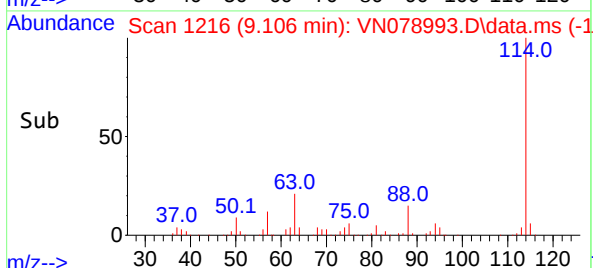
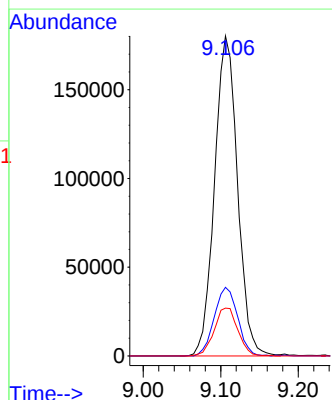
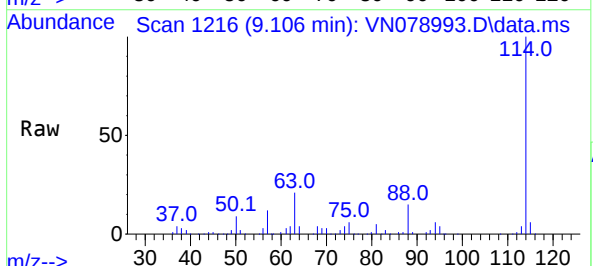
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#08

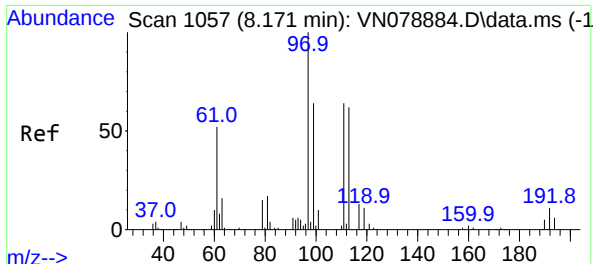
Tgt Ion: 65 Resp: 155575
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47

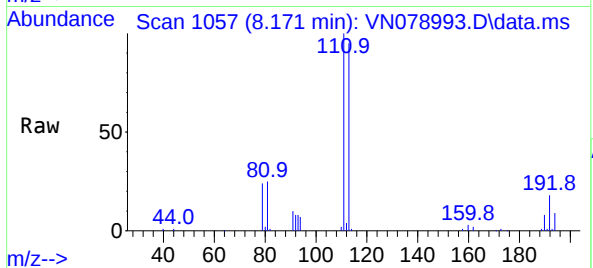
Tgt Ion: 114 Resp: 371242
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.4
88 15.0 0.0 30.6



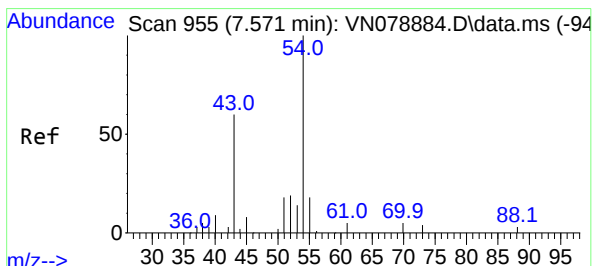
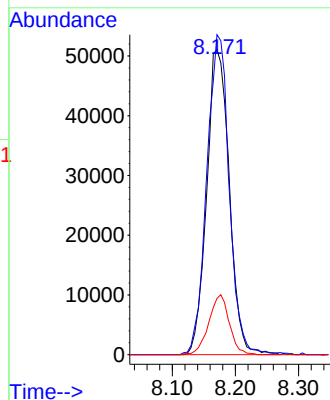
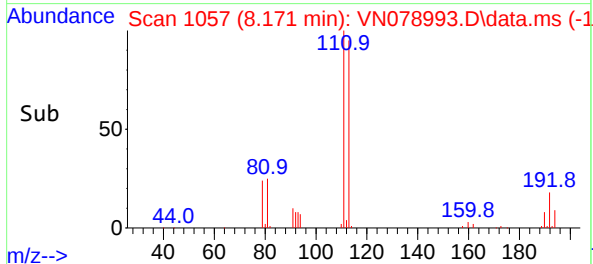


#35
Dibromofluoromethane
Concen: 50.951 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47

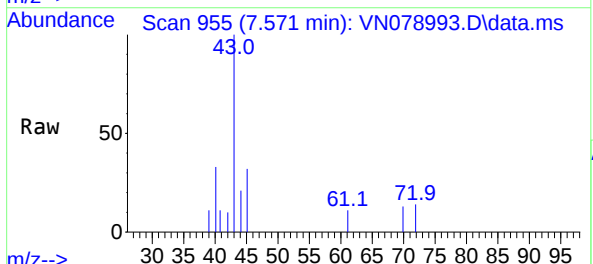
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#08



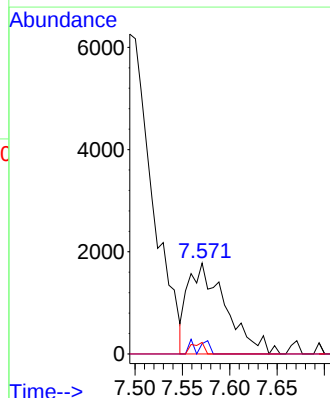
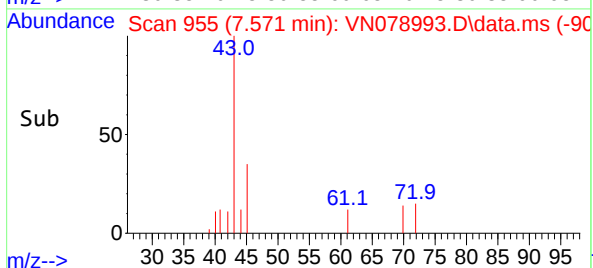
Tgt Ion:113 Resp: 127326
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 17.8 12.7 19.1

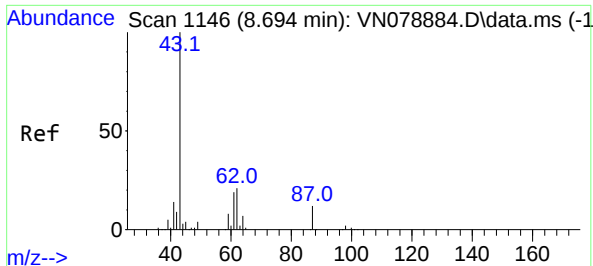


#37
Ethyl Acetate
Concen: 1.175 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47



Tgt Ion: 43 Resp: 4944
Ion Ratio Lower Upper
43 100
61 3.3 13.2 19.8#
70 4.1 11.3 16.9#

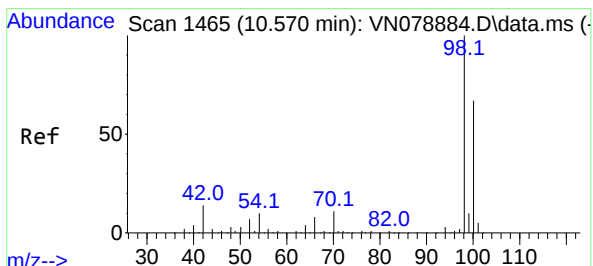
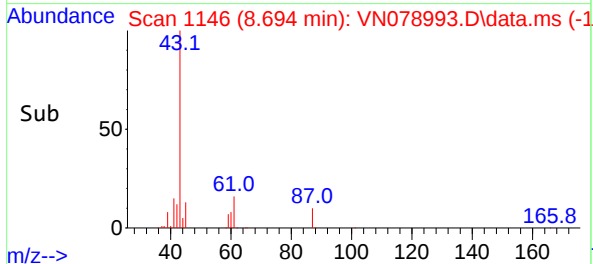
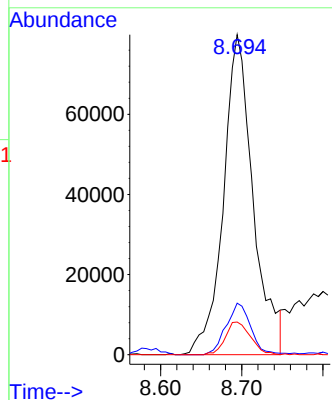
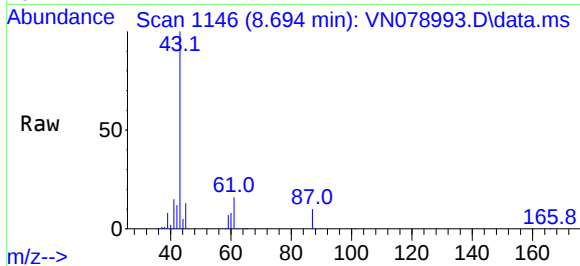




#43
Isopropyl Acetate
Concen: 27.368 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47

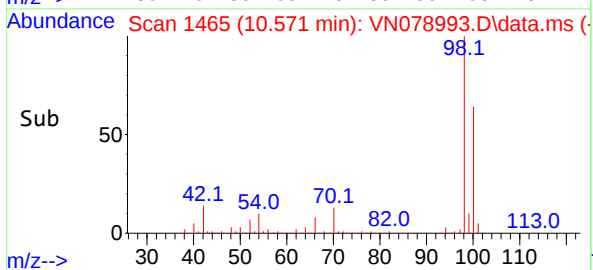
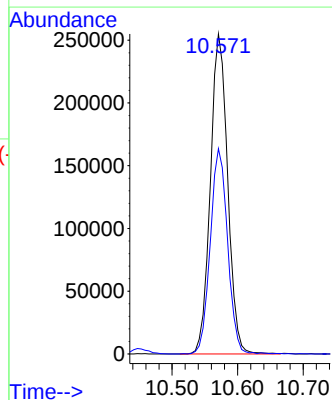
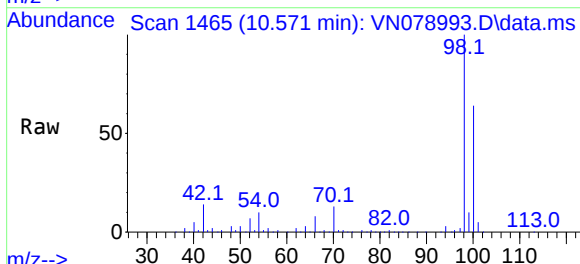
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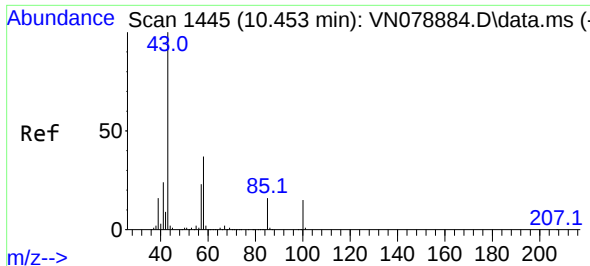
Tgt Ion: 43 Resp: 203454
Ion Ratio Lower Upper
43 100
61 13.5 24.7 37.1#
87 8.6 14.6 21.8#



#50
Toluene-d8
Concen: 50.414 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47

Tgt Ion: 98 Resp: 467793
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

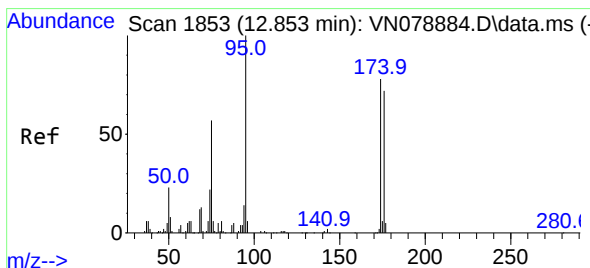
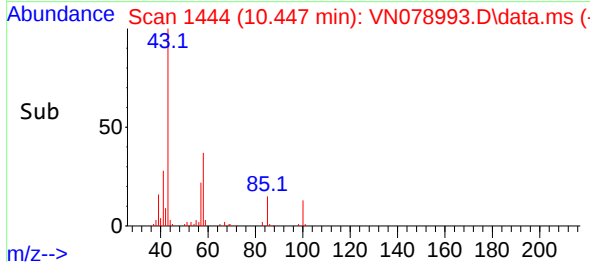
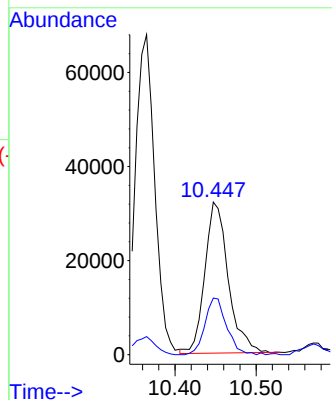
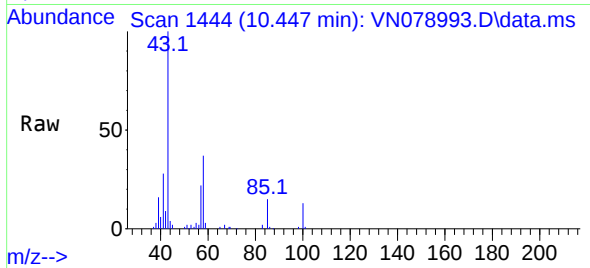




#51
4-Methyl-2-Pentanone
Concen: 14.592 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47

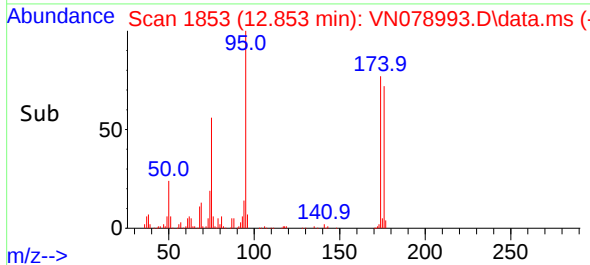
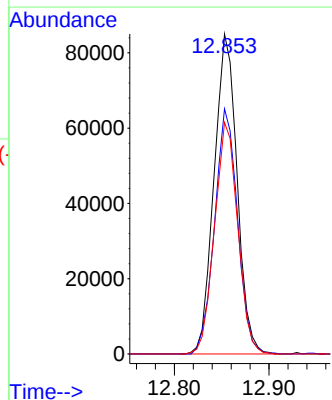
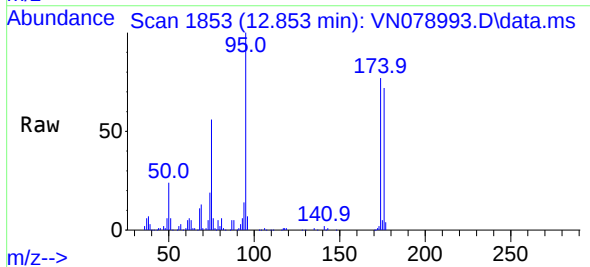
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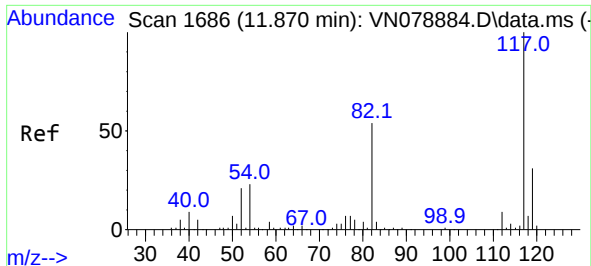
Tgt Ion: 43 Resp: 64337
Ion Ratio Lower Upper
43 100
58 34.7 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 47.180 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47

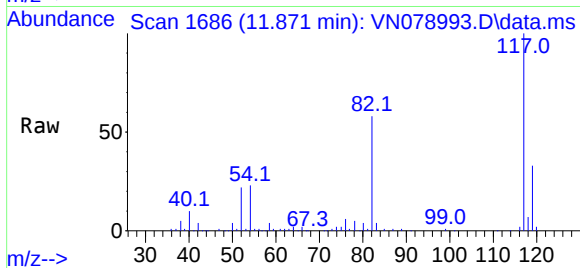
Tgt Ion: 95 Resp: 143094
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 73.0 0.0 135.8



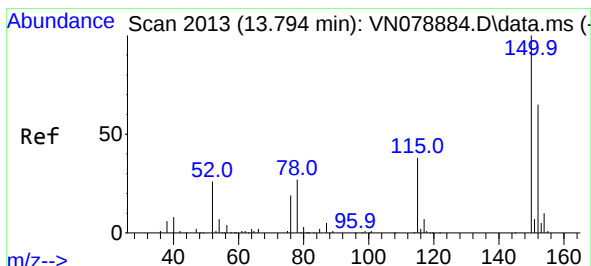
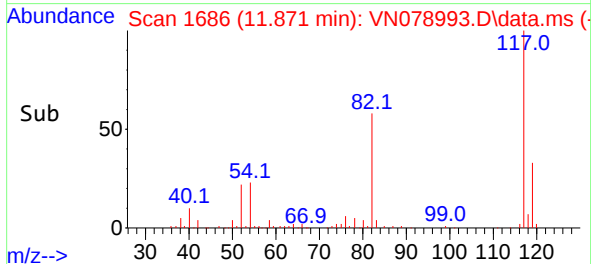
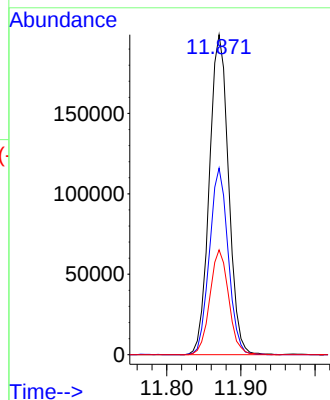


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47

Instrument :
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ClientSampleId :
PB154968ZHE#08



Tgt Ion:117 Resp: 358042
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN078993.D
Acq: 22 Aug 2023 14:47

Tgt Ion:152 Resp: 108481
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 160.5 0.0 355.8

