

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078987.D
 Acq On : 22 Aug 2023 12:22
 Operator : JC\MD
 Sample : PB154968ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154968ZHE#02

Quant Time: Aug 23 03:00:20 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)

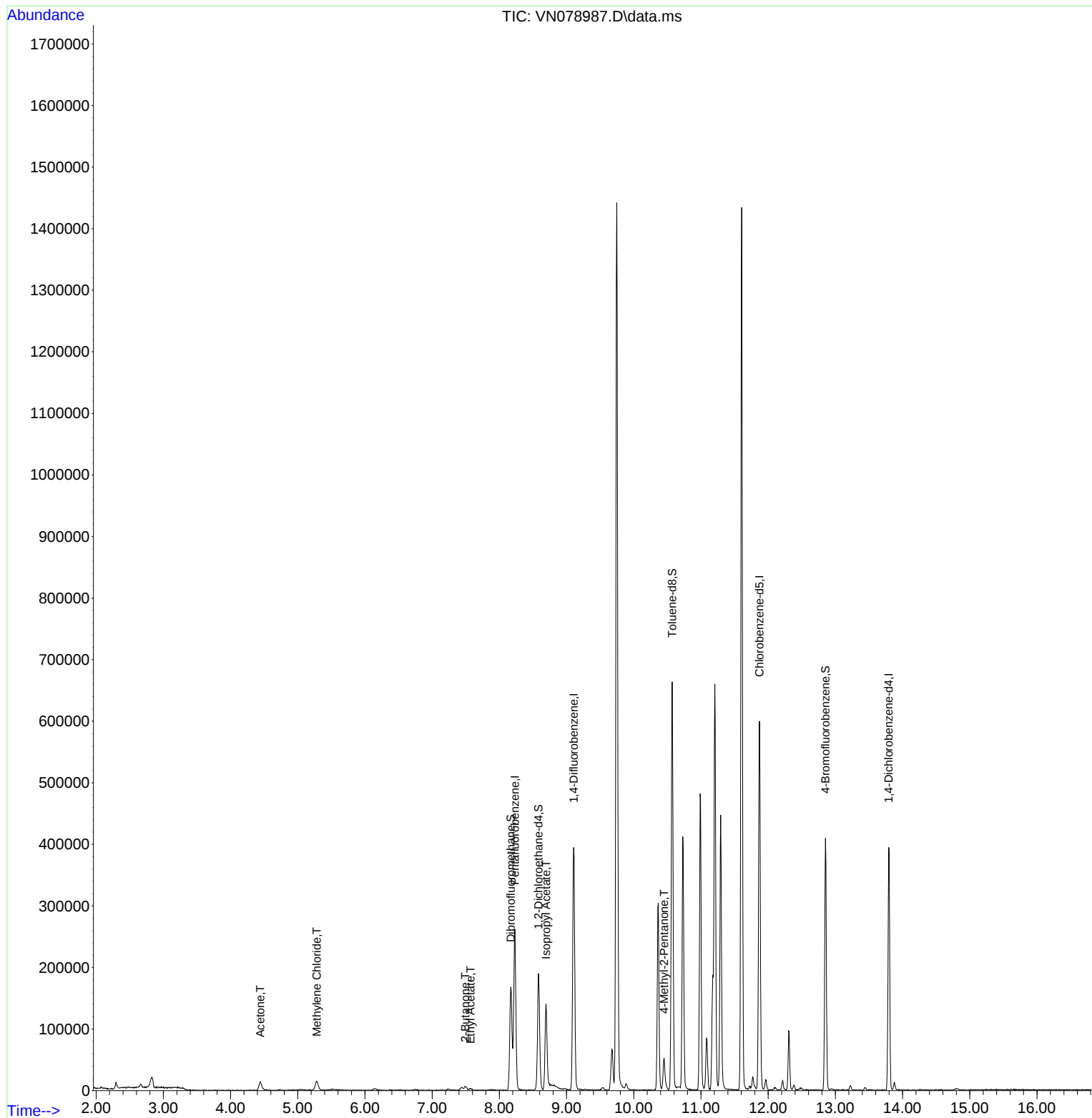
Internal Standards						
1) Pentafluorobenzene	8.230	168	180658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	334895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	336388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	143256	50.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.920%	
35) Dibromofluoromethane	8.171	113	117738	52.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.460%	
50) Toluene-d8	10.571	98	432921	51.720	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.440%	
62) 4-Bromofluorobenzene	12.853	95	133520	48.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.600%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	25684	22.143	ug/l	88
20) Methylene Chloride	5.283	84	11304	4.573	ug/l #	82
25) 2-Butanone	7.494	43	10704	5.756	ug/l #	52
37) Ethyl Acetate	7.571	43	5544	1.461	ug/l #	79
43) Isopropyl Acetate	8.694	43	159301	23.754	ug/l #	77
51) 4-Methyl-2-Pentanone	10.453	43	39350	9.893	ug/l #	83

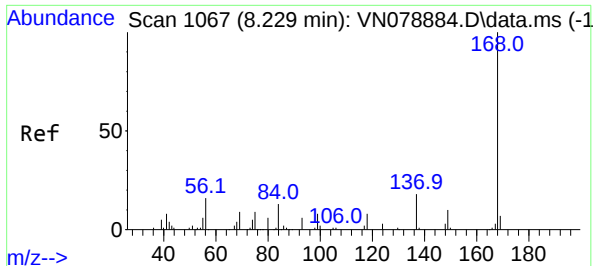
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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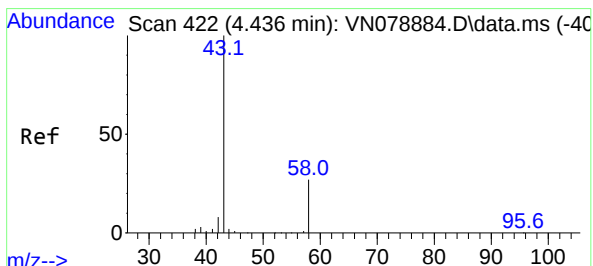
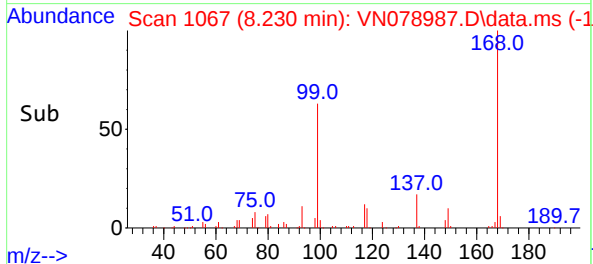
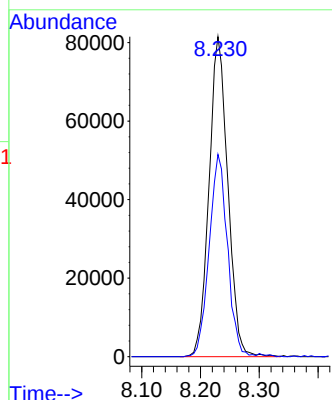
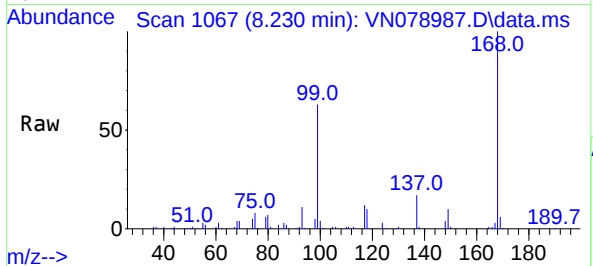




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078987.D
Acq: 22 Aug 2023 12:22

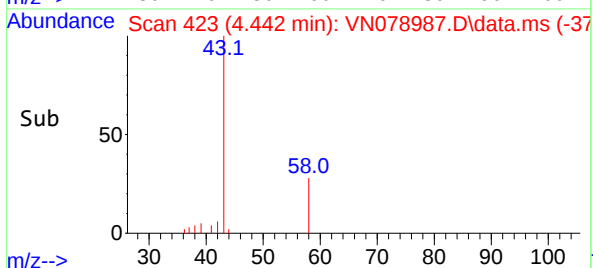
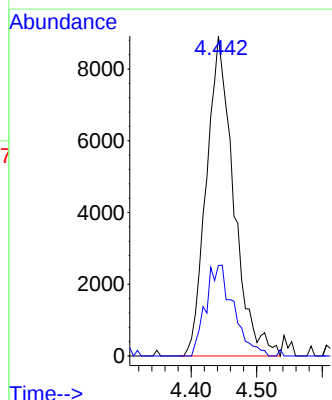
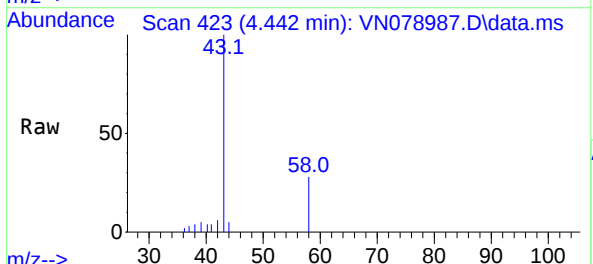
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#02

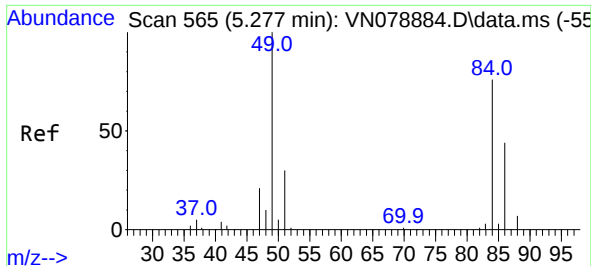
Tgt Ion:168 Resp: 180658
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#16
Acetone
Concen: 22.143 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078987.D
Acq: 22 Aug 2023 12:22

Tgt Ion: 43 Resp: 25684
Ion Ratio Lower Upper
43 100
58 28.3 28.0 42.0



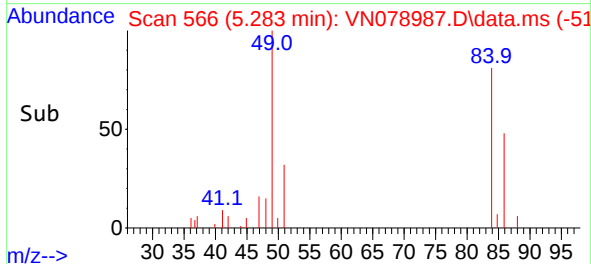
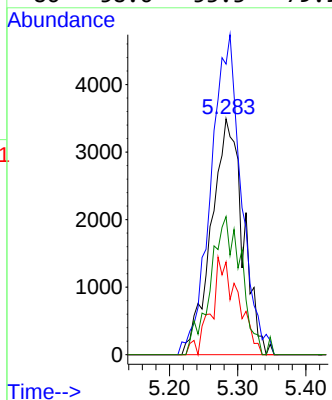
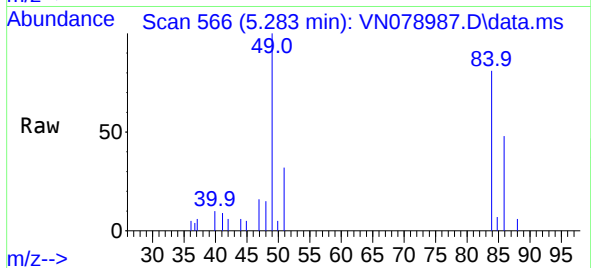


#20
Methylene Chloride
Concen: 4.573 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN078987.D
Acq: 22 Aug 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#02

Tgt Ion: 84 Resp: 11304

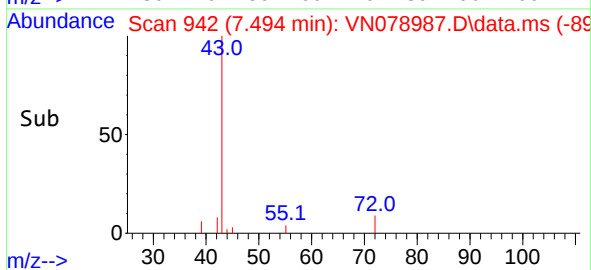
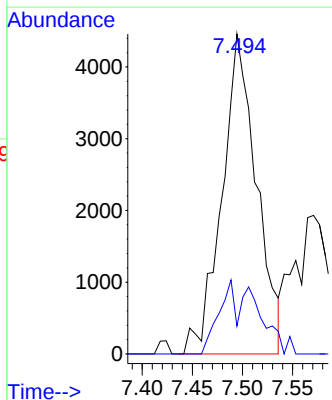
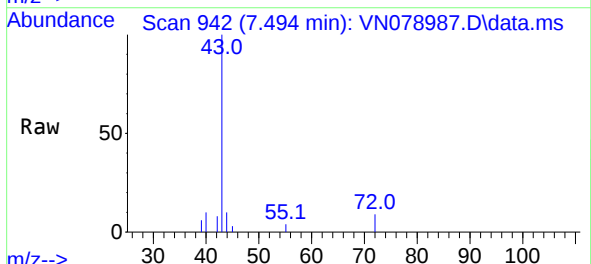
Ion	Ratio	Lower	Upper
84	100		
49	123.2	79.7	119.5#
51	39.3	25.2	37.8#
86	58.6	53.3	79.9

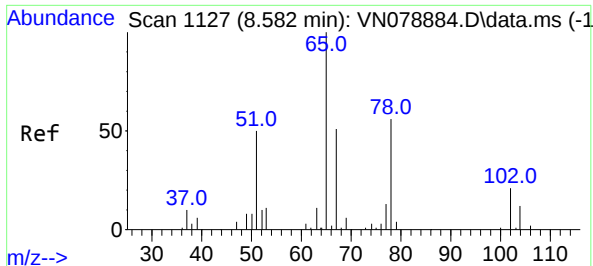


#25
2-Butanone
Concen: 5.756 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078987.D
Acq: 22 Aug 2023 12:22

Tgt Ion: 43 Resp: 10704

Ion	Ratio	Lower	Upper
43	100		
72	8.7	30.2	45.2#

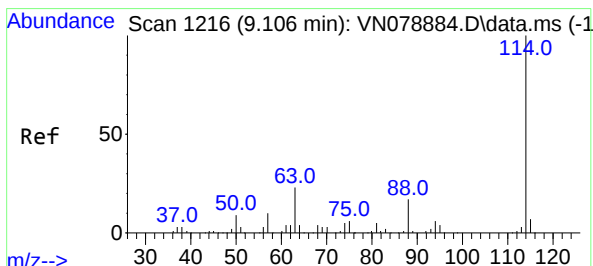
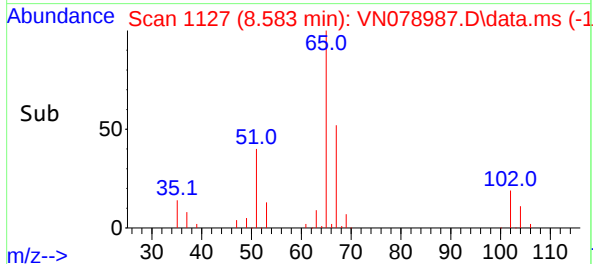
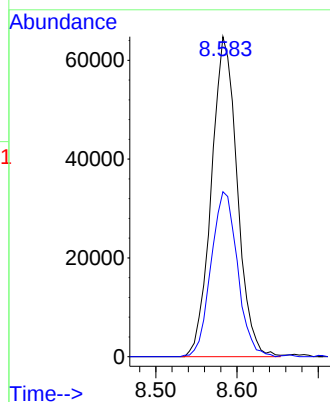
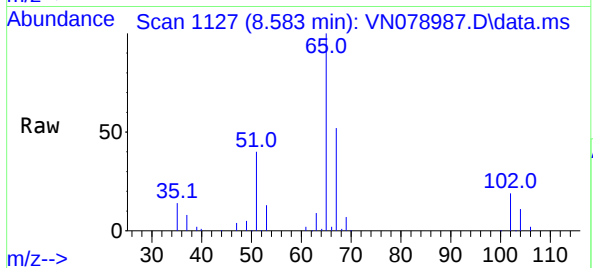




#33
1,2-Dichloroethane-d4
Concen: 50.959 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078987.D
Acq: 22 Aug 2023 12:22

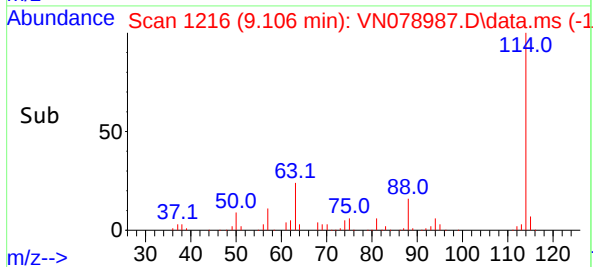
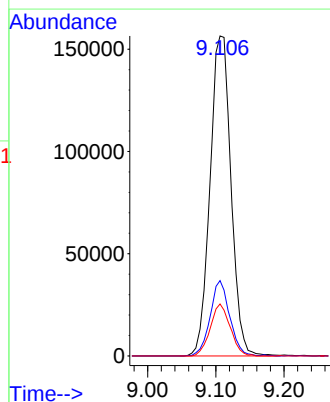
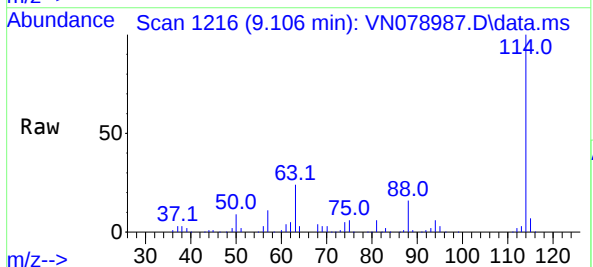
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#02

Tgt Ion: 65 Resp: 143256
Ion Ratio Lower Upper
65 100
67 52.8 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: VN078987.D
Acq: 22 Aug 2023 12:22

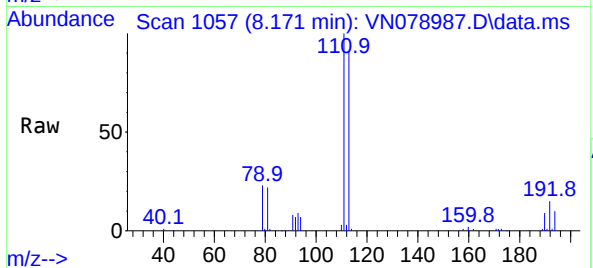
Tgt Ion: 114 Resp: 334895
Ion Ratio Lower Upper
114 100
63 23.6 0.0 36.4
88 16.3 0.0 30.6



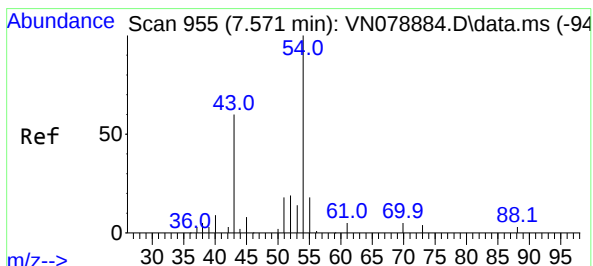
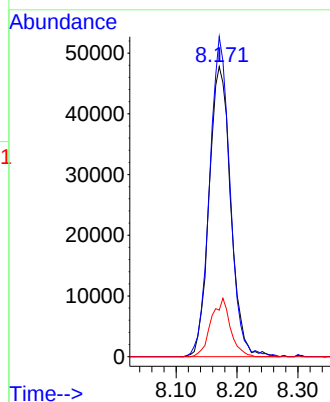
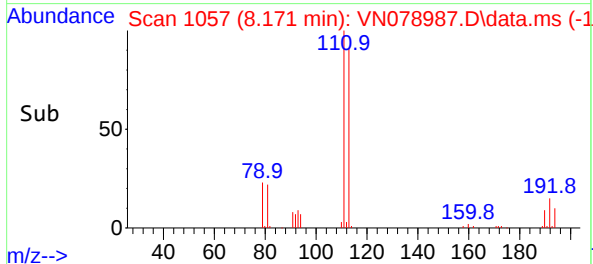


#35
Dibromofluoromethane
Concen: 52.227 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078987.D
Acq: 22 Aug 2023 12:22

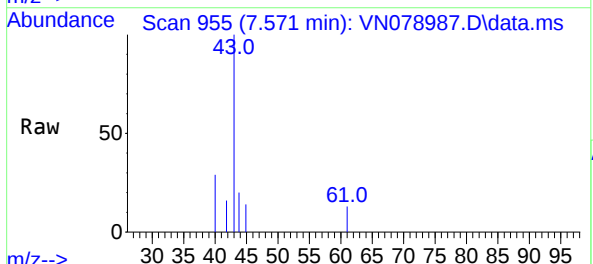
Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#02



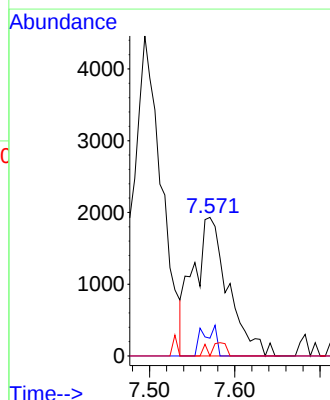
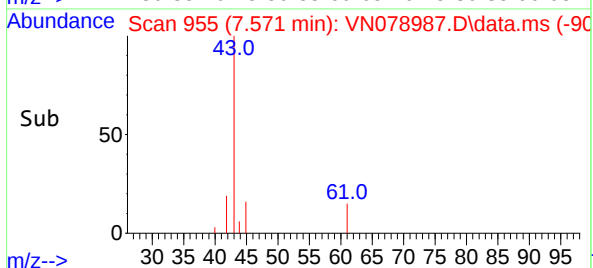
Tgt Ion:113 Resp: 117738
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 18.0 12.7 19.1

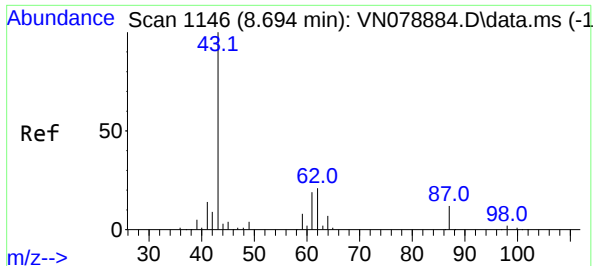


#37
Ethyl Acetate
Concen: 1.461 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078987.D
Acq: 22 Aug 2023 12:22



Tgt Ion: 43 Resp: 5544
Ion Ratio Lower Upper
43 100
61 8.4 13.2 19.8#
70 4.4 11.3 16.9#

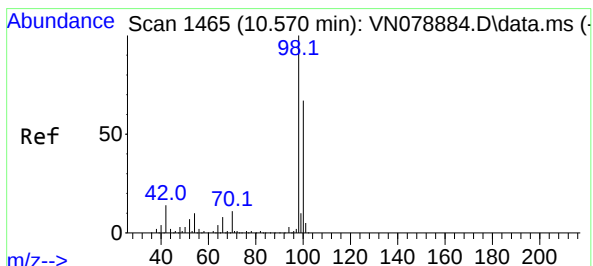
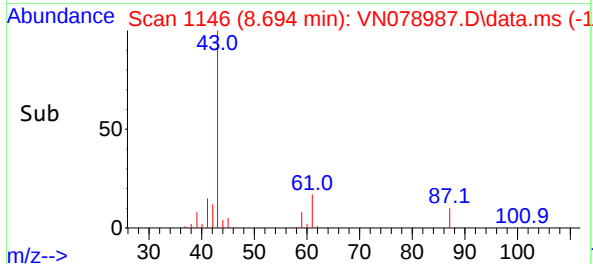
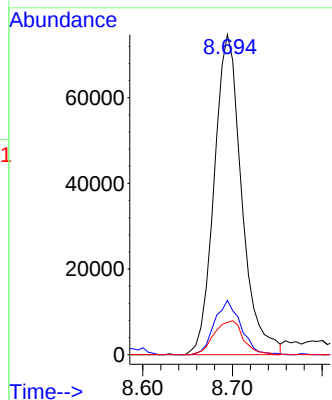
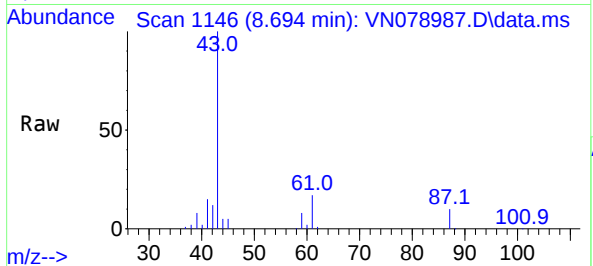




#43
Isopropyl Acetate
Concen: 23.754 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078987.D
Acq: 22 Aug 2023 12:22

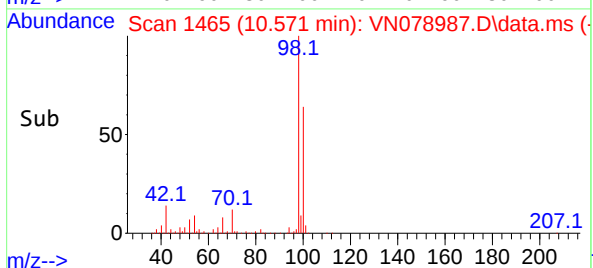
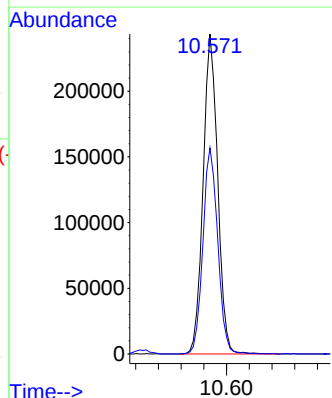
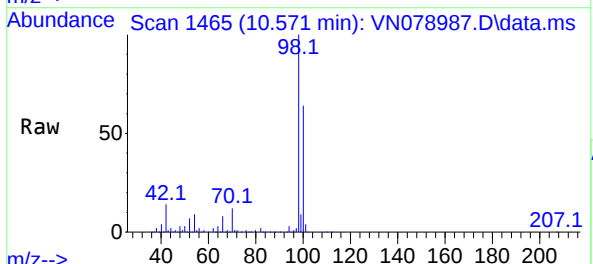
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MSVOA_N
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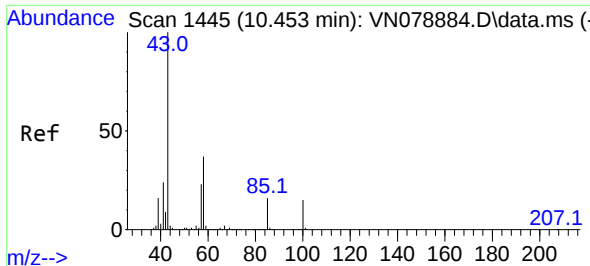
Tgt Ion: 43 Resp: 159301
Ion Ratio Lower Upper
43 100
61 16.2 24.7 37.1#
87 11.2 14.6 21.8#



#50
Toluene-d8
Concen: 51.720 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078987.D
Acq: 22 Aug 2023 12:22

Tgt Ion: 98 Resp: 432921
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

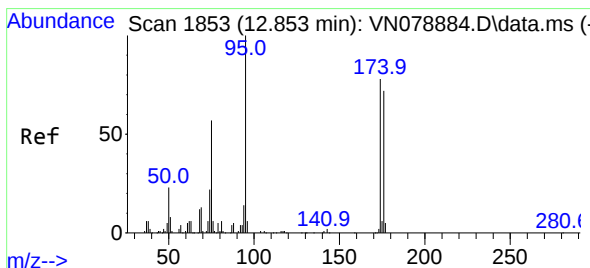
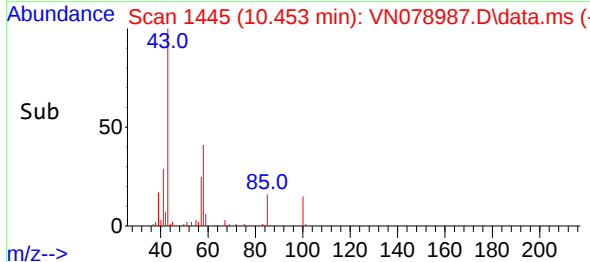
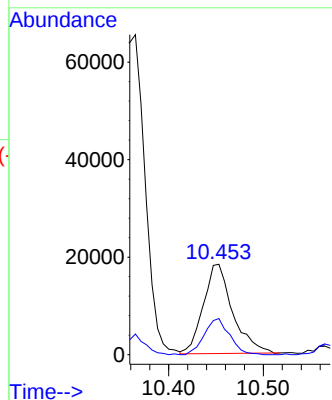
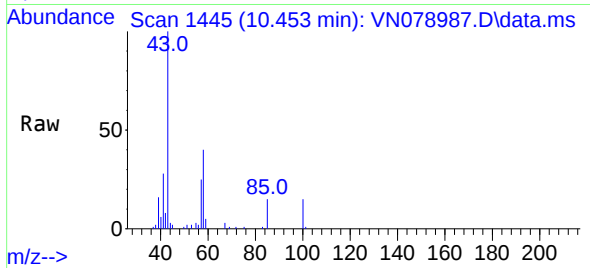




#51
4-Methyl-2-Pentanone
Concen: 9.893 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078987.D
Acq: 22 Aug 2023 12:22

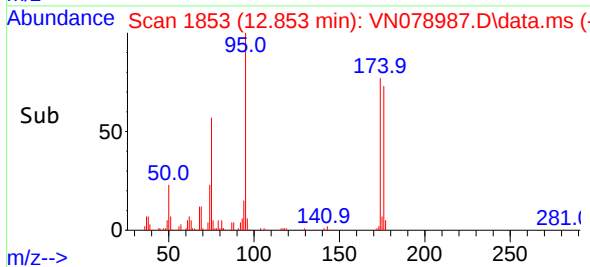
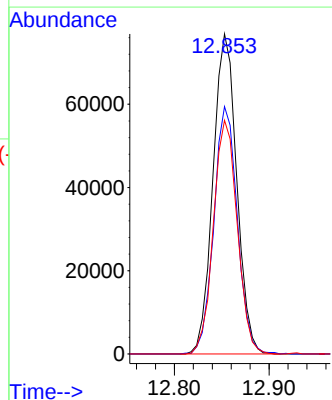
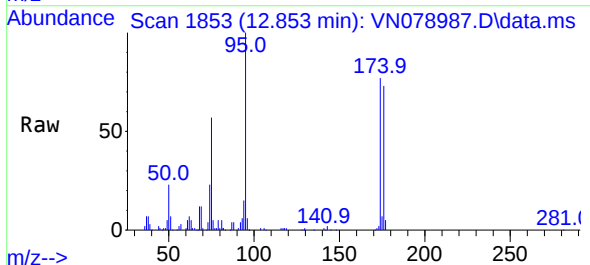
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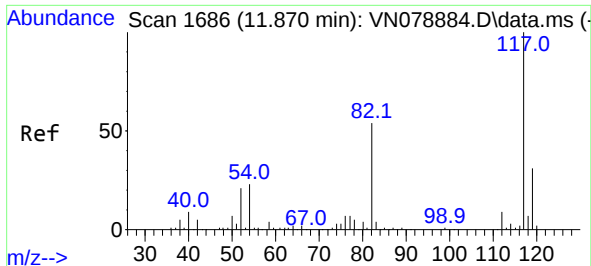
Tgt Ion: 43 Resp: 39350
Ion Ratio Lower Upper
43 100
58 34.8 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 48.801 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078987.D
Acq: 22 Aug 2023 12:22

Tgt Ion: 95 Resp: 133520
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 73.5 0.0 135.8

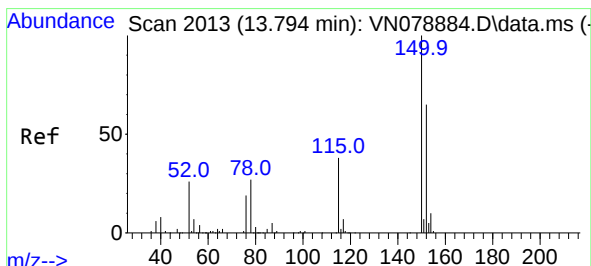
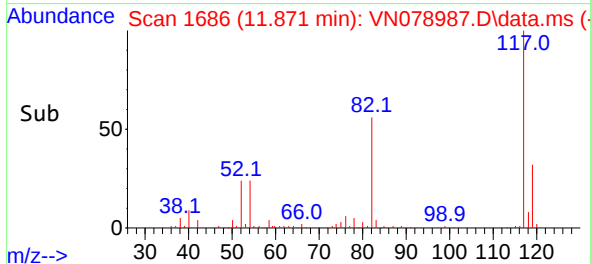
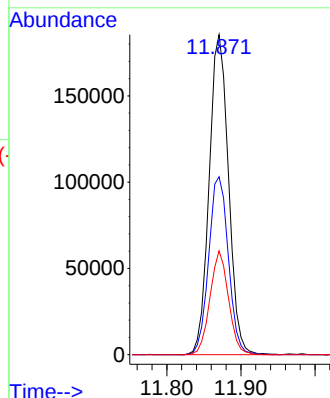
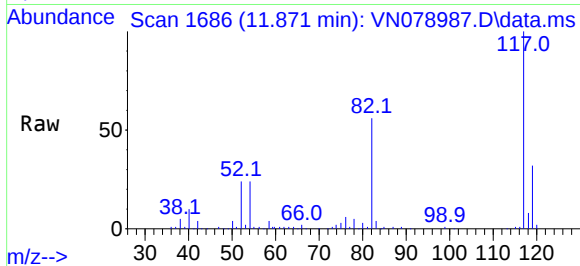




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078987.D
Acq: 22 Aug 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
PB154968ZHE#02

Tgt Ion:117 Resp: 336388
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 32.5 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: VN078987.D
Acq: 22 Aug 2023 12:22

Tgt Ion:152 Resp: 99419
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 162.9 0.0 355.8

