

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081823\
 Data File : VN078943.D
 Acq On : 18 Aug 2023 15:34
 Operator : JC\MD
 Sample : PB154902TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154902TB

Quant Time: Aug 18 23:42:57 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)

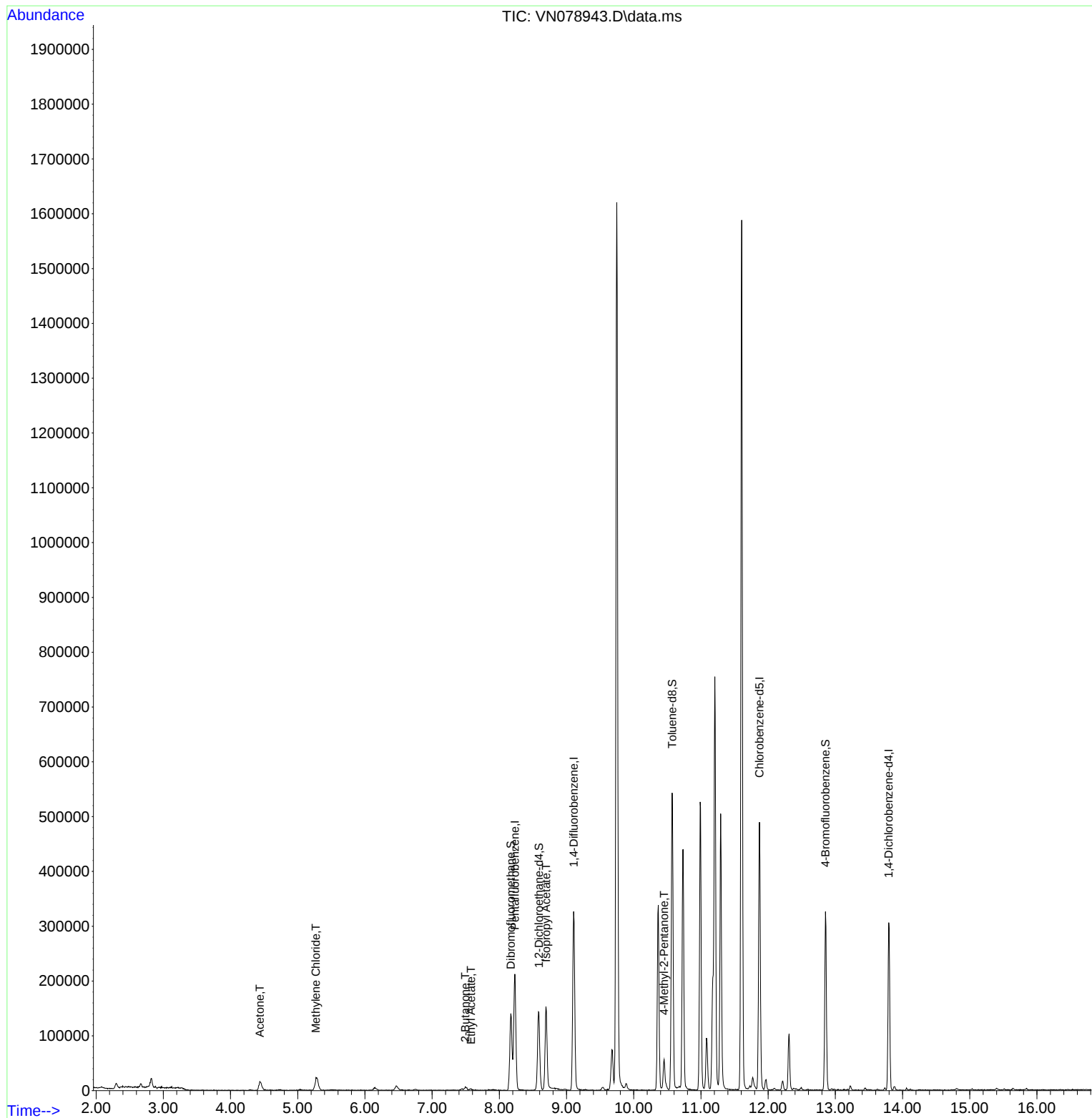
Internal Standards						
1) Pentafluorobenzene	8.230	168	150567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	274905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	114690	48.951	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.900%
35) Dibromofluoromethane	8.171	113	97128	52.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.260%
50) Toluene-d8	10.571	98	371340	53.674	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.340%
62) 4-Bromofluorobenzene	12.853	95	105935	46.846	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.700%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	32197	33.305	ug/l #	81
20) Methylene Chloride	5.271	84	18622	9.039	ug/l #	79
25) 2-Butanone	7.494	43	9674	6.242	ug/l #	62
37) Ethyl Acetate	7.577	43	4876	1.555	ug/l #	67
43) Isopropyl Acetate	8.694	43	173304	31.267	ug/l #	79
51) 4-Methyl-2-Pentanone	10.453	43	44720	13.603	ug/l #	82

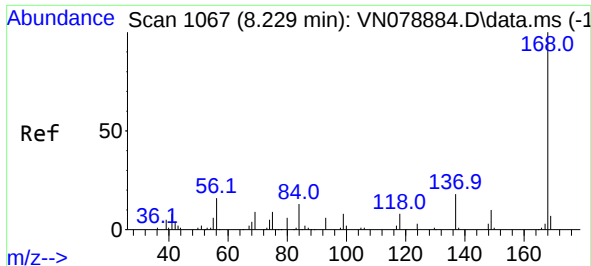
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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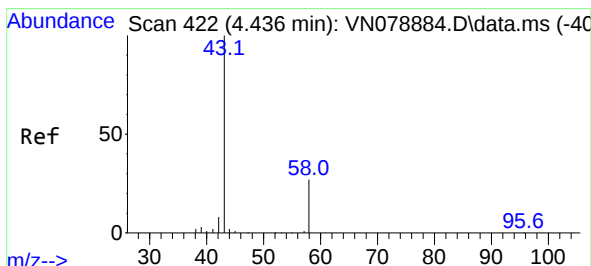
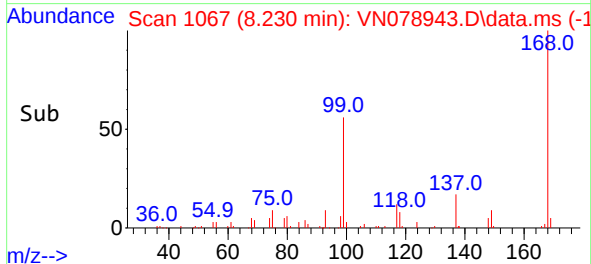
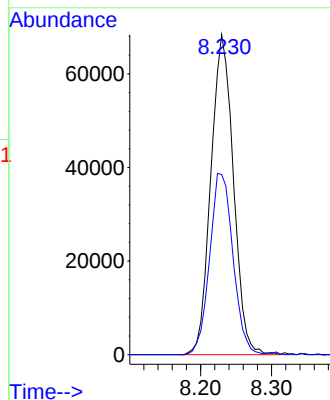
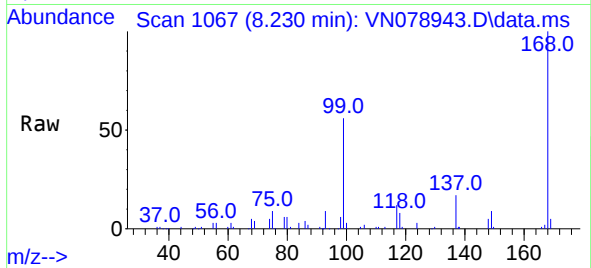




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

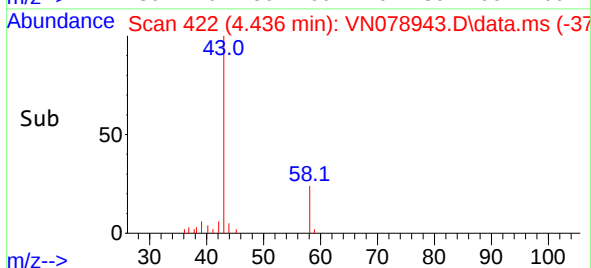
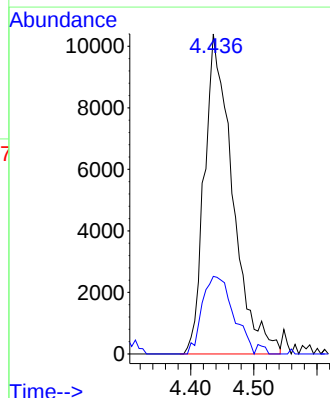
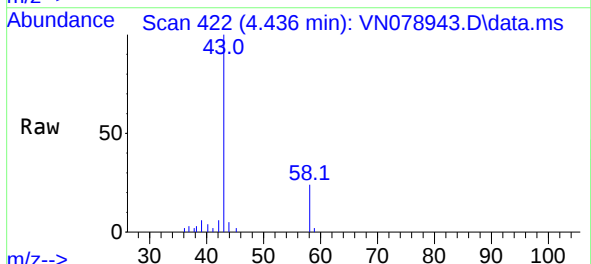
Instrument :
MSVOA_N
ClientSampleId :
PB154902TB

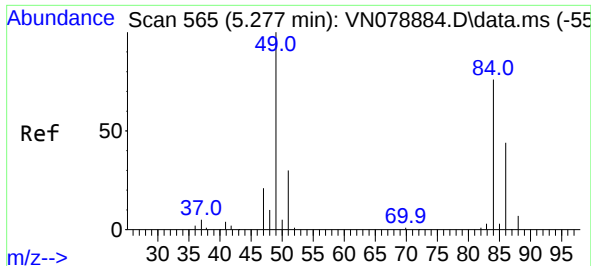
Tgt Ion:168 Resp: 150567
Ion Ratio Lower Upper
168 100
99 56.3 53.0 79.6



#16
Acetone
Concen: 33.305 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 43 Resp: 32197
Ion Ratio Lower Upper
43 100
58 24.3 28.0 42.0#



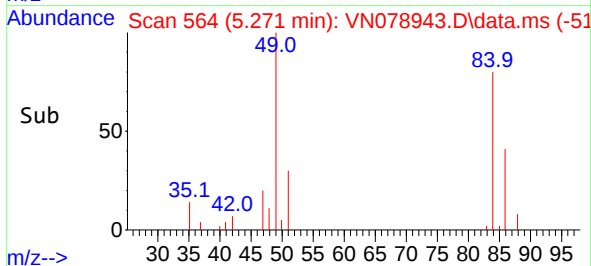
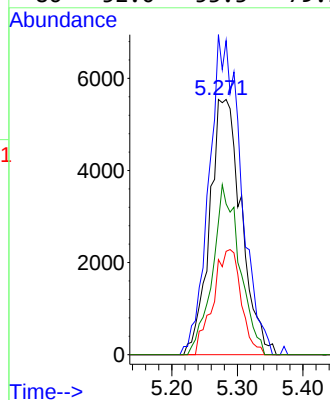
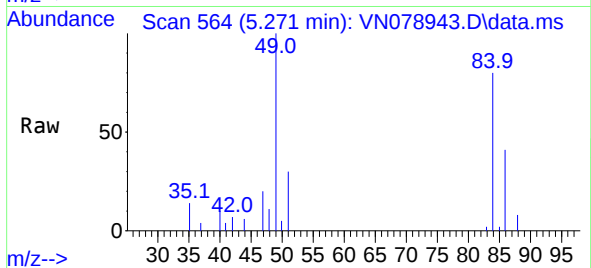


#20
Methylene Chloride
Concen: 9.039 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :
PB154902TB

Tgt Ion: 84 Resp: 18622

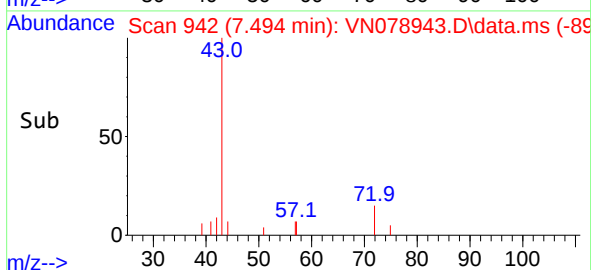
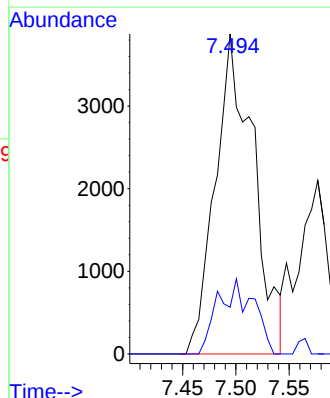
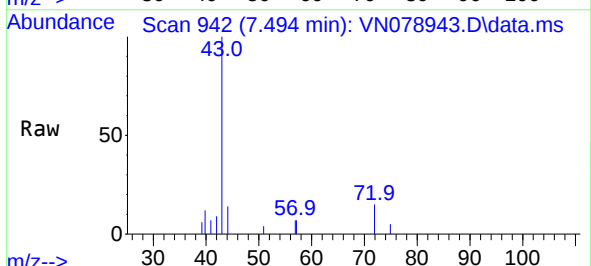
Ion	Ratio	Lower	Upper
84	100		
49	125.4	79.7	119.5#
51	37.3	25.2	37.8
86	52.0	53.3	79.9#

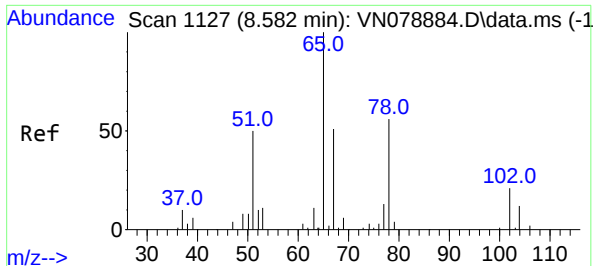


#25
2-Butanone
Concen: 6.242 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 43 Resp: 9674

Ion	Ratio	Lower	Upper
43	100		
72	14.6	30.2	45.2#

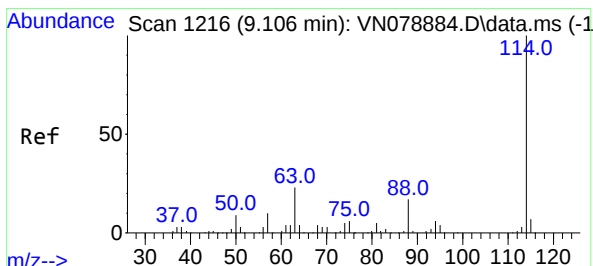
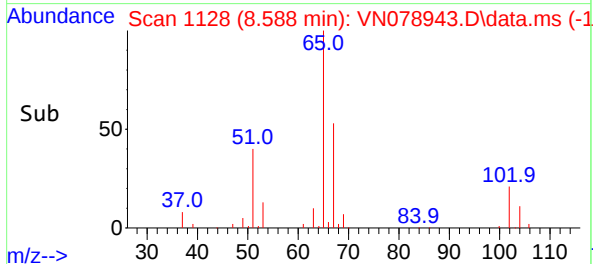
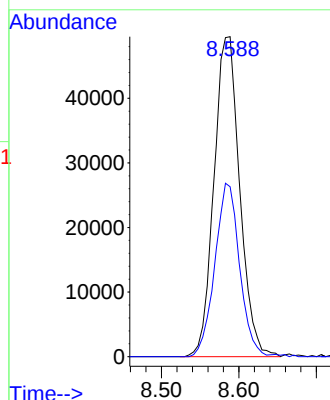
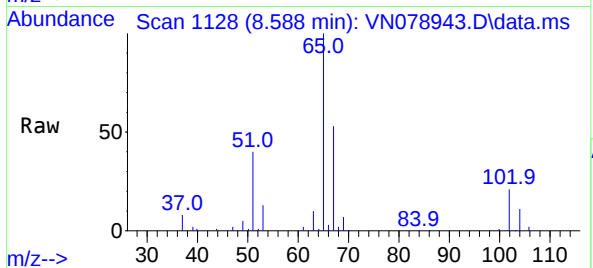




#33
1,2-Dichloroethane-d4
Concen: 48.951 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

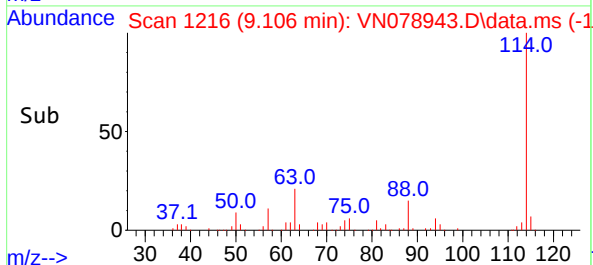
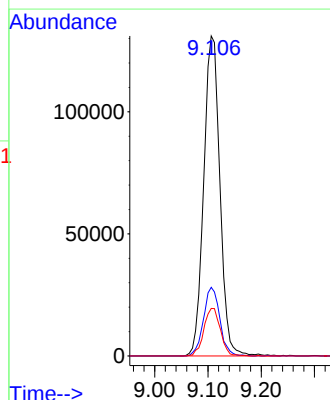
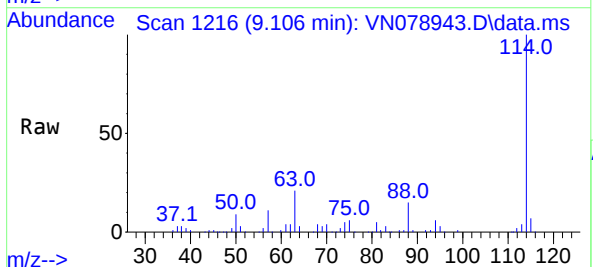
Instrument :
MSVOA_N
ClientSampleId :
PB154902TB

Tgt Ion: 65 Resp: 114690
Ion Ratio Lower Upper
65 100
67 51.9 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: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 114 Resp: 276796
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.4
88 14.8 0.0 30.6

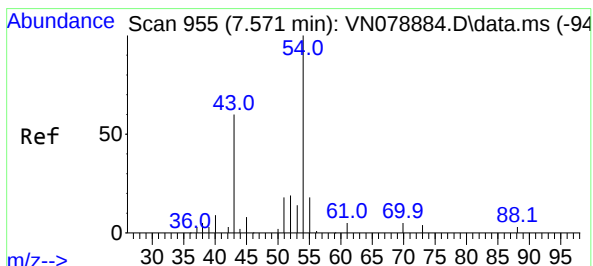
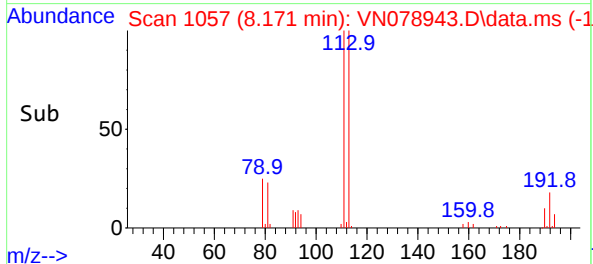
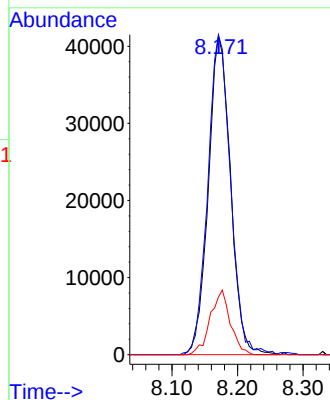
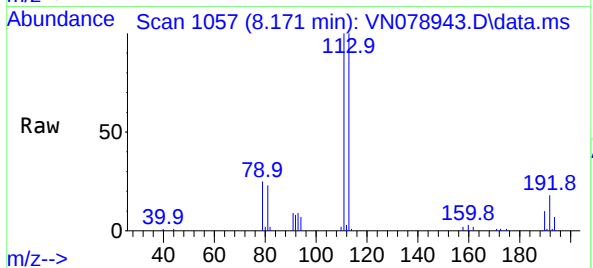




#35
Dibromofluoromethane
Concen: 52.128 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

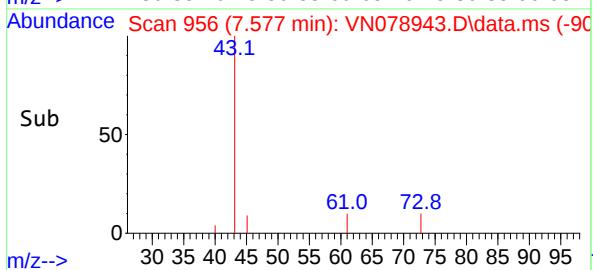
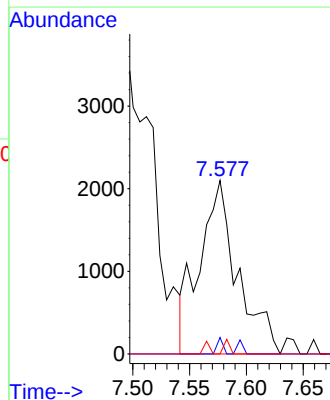
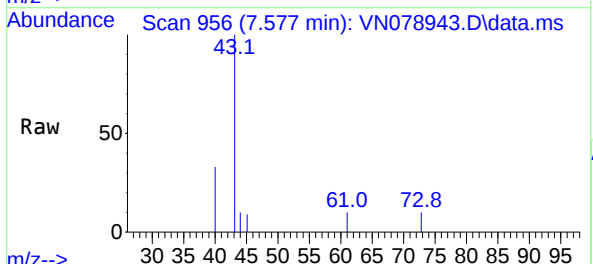
Instrument :
MSVOA_N
ClientSampleId :
PB154902TB

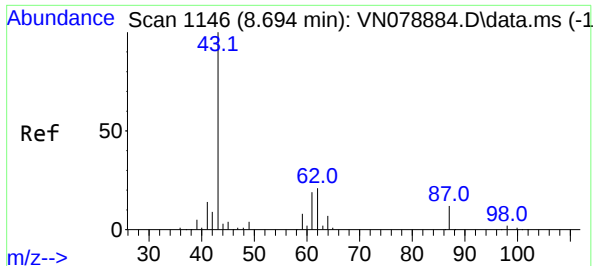
Tgt Ion:113 Resp: 97128
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 18.4 12.7 19.1



#37
Ethyl Acetate
Concen: 1.555 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 43 Resp: 4876
Ion Ratio Lower Upper
43 100
61 1.5 13.2 19.8#
70 1.3 11.3 16.9#

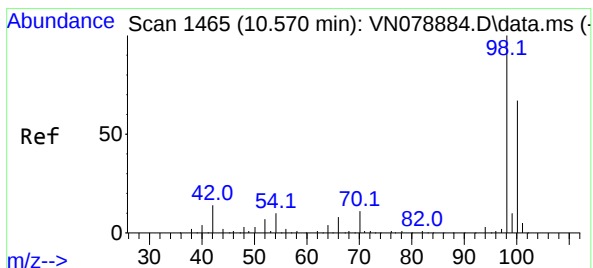
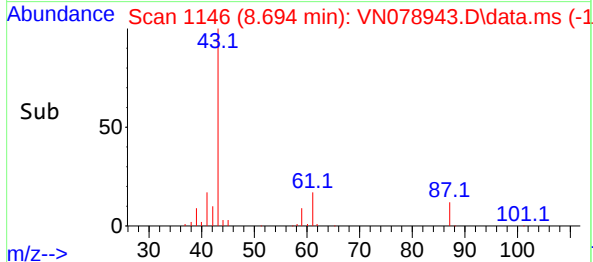
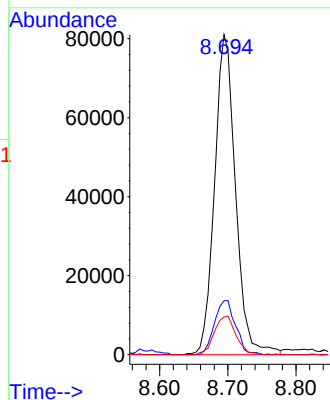
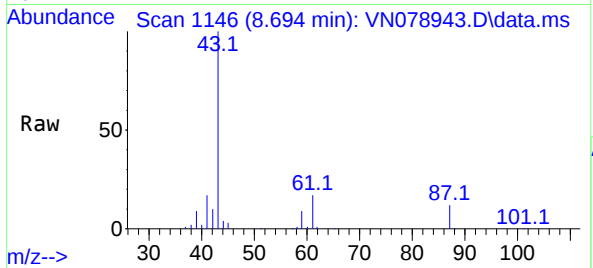




#43
Isopropyl Acetate
Concen: 31.267 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

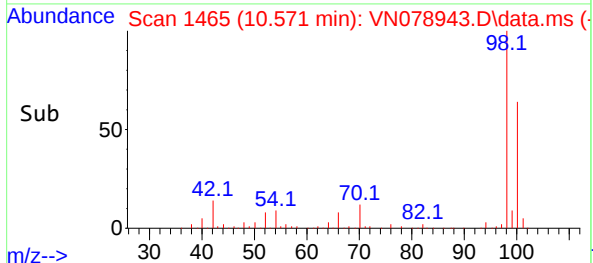
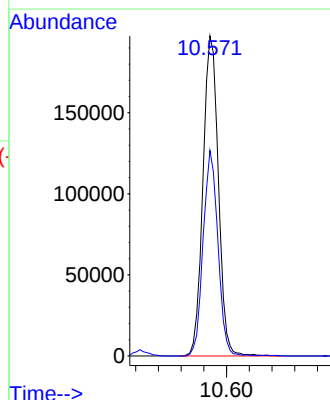
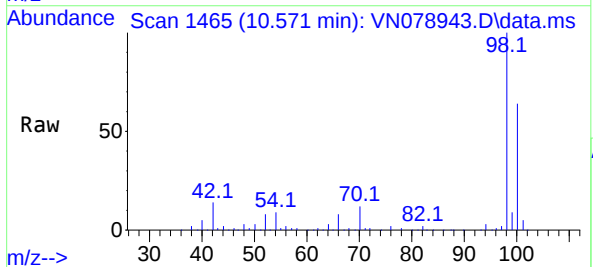
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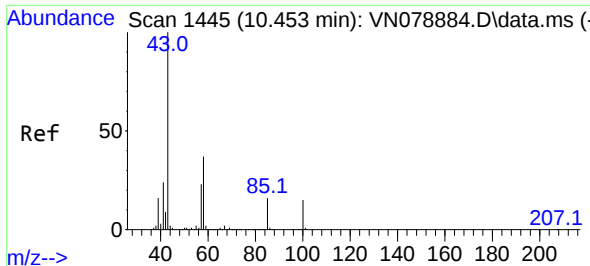
Tgt Ion: 43 Resp: 173304
Ion Ratio Lower Upper
43 100
61 17.2 24.7 37.1#
87 12.4 14.6 21.8#



#50
Toluene-d8
Concen: 53.674 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 98 Resp: 371340
Ion Ratio Lower Upper
98 100
100 61.6 52.0 78.0

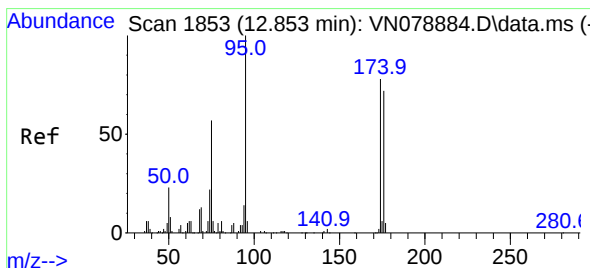
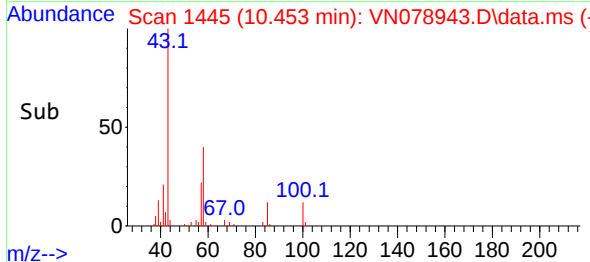
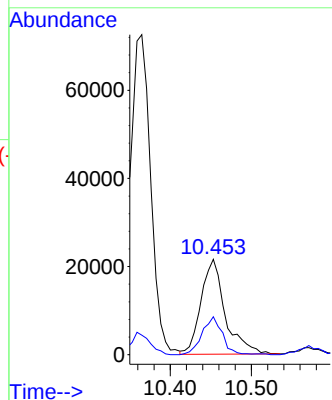
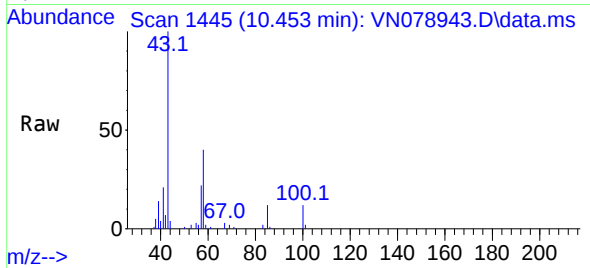




#51
4-Methyl-2-Pentanone
Concen: 13.603 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

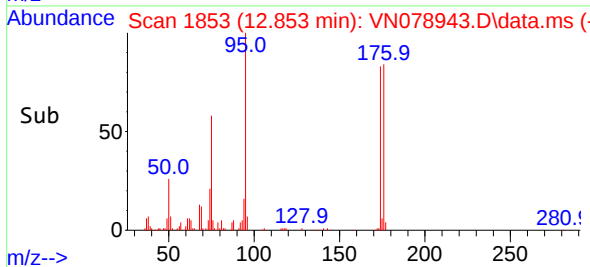
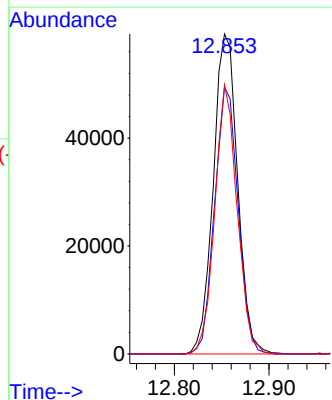
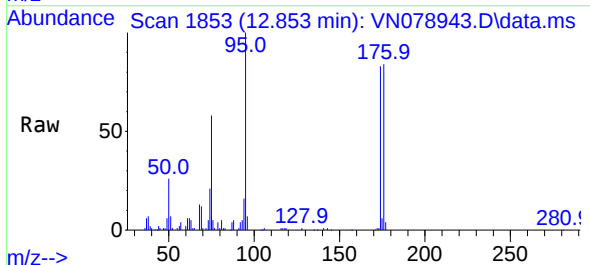
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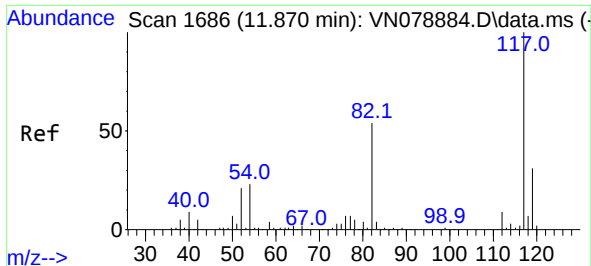
Tgt Ion: 43 Resp: 44720
Ion Ratio Lower Upper
43 100
58 33.8 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.846 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion: 95 Resp: 105935
Ion Ratio Lower Upper
95 100
174 80.6 0.0 143.8
176 77.3 0.0 135.8

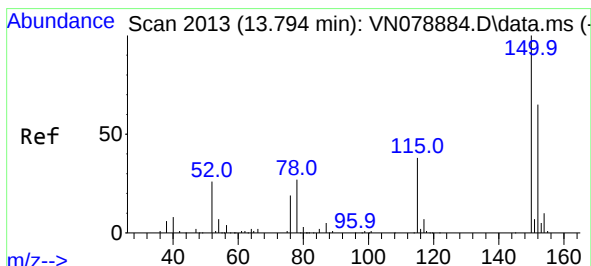
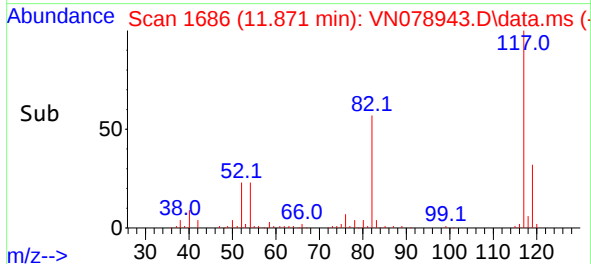
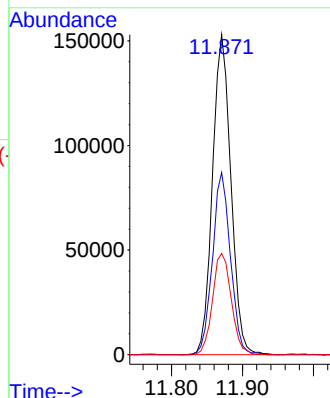
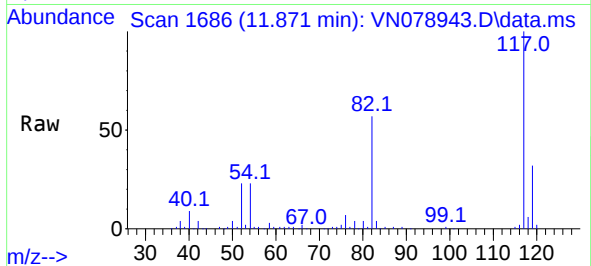




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078943.D
Acq: 18 Aug 2023 15:34

Instrument :
MSVOA_N
ClientSampleId :
PB154902TB

Tgt Ion:117 Resp: 274905
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 31.6 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: VN078943.D
Acq: 18 Aug 2023 15:34

Tgt Ion:152 Resp: 82436
Ion Ratio Lower Upper
152 100
115 59.9 32.3 96.8
150 155.1 0.0 355.8

