

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079096.D
 Acq On : 29 Aug 2023 16:06
 Operator : JC\MD
 Sample : PB155153ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155153ZHE#05

Quant Time: Aug 29 23:30:40 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)

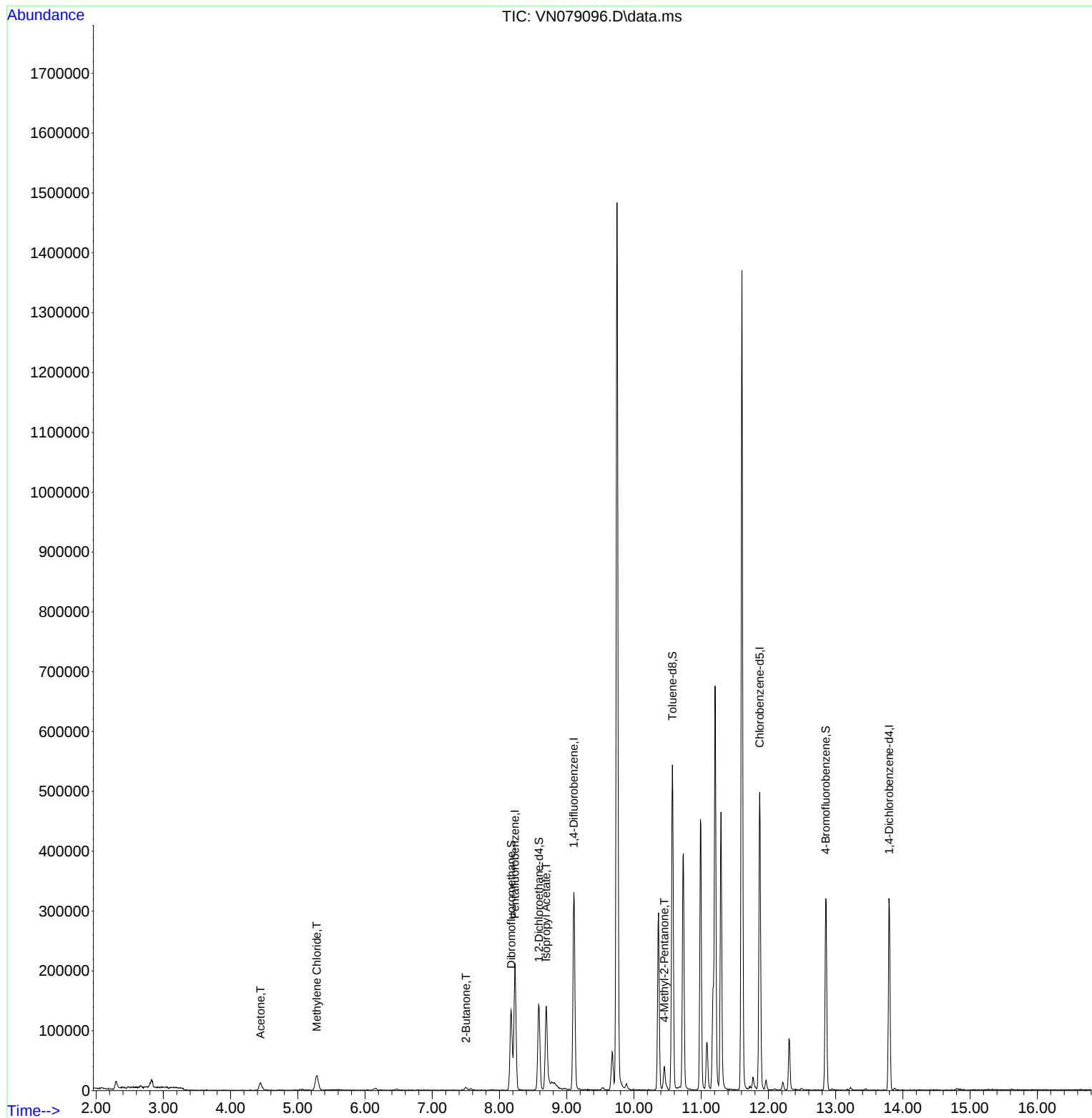
Internal Standards						
1) Pentafluorobenzene	8.230	168	143006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	278267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	279323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	116317	52.270	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.540%	
35) Dibromofluoromethane	8.177	113	91774	48.995	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.980%	
50) Toluene-d8	10.571	98	362729	52.153	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.300%	
62) 4-Bromofluorobenzene	12.853	95	104262	45.862	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	24411	26.586	ug/l #	82
20) Methylene Chloride	5.283	84	19113	9.768	ug/l #	80
25) 2-Butanone	7.500	43	8445	5.737	ug/l #	74
43) Isopropyl Acetate	8.694	43	165037	29.618	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	32255	9.760	ug/l #	73

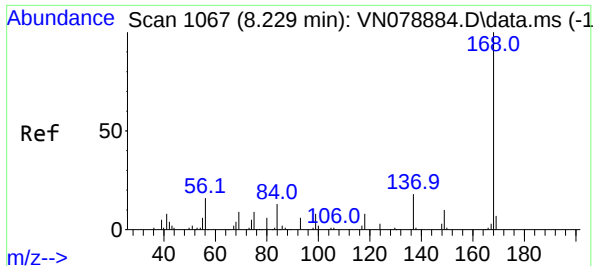
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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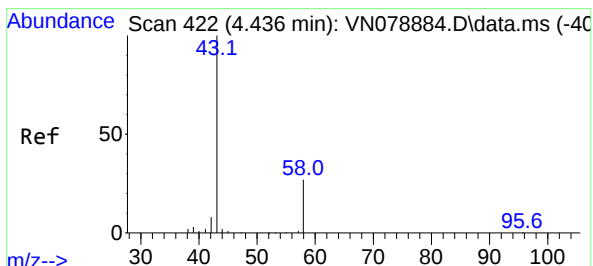
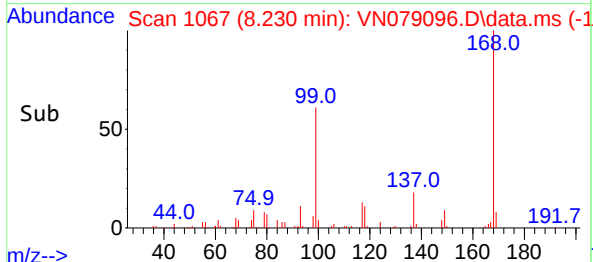
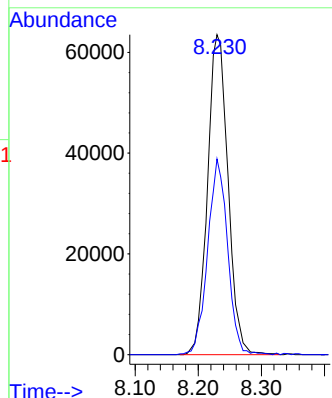
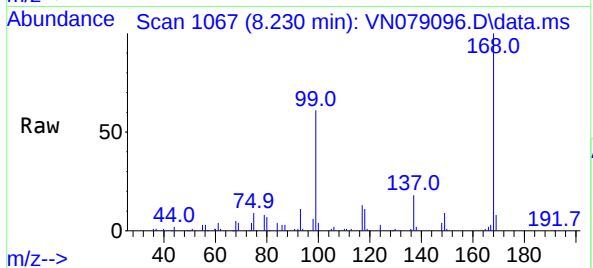




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079096.D
Acq: 29 Aug 2023 16:06

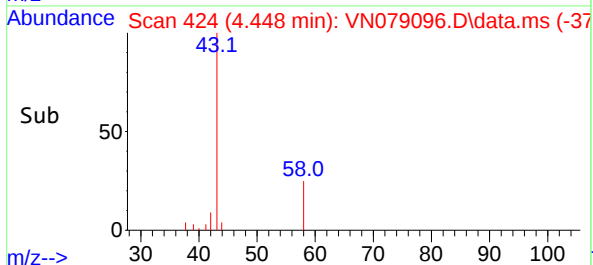
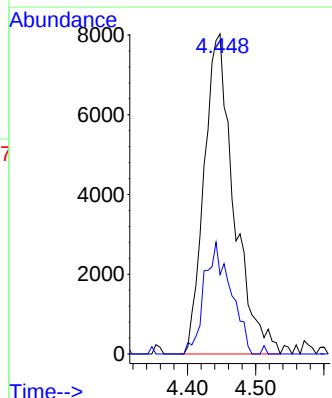
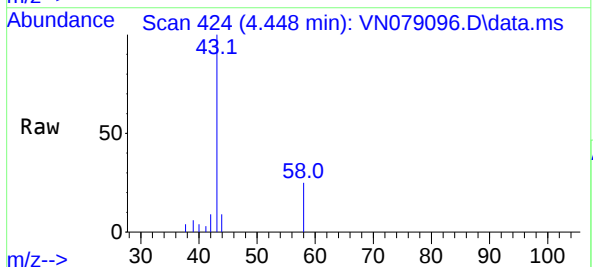
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#05

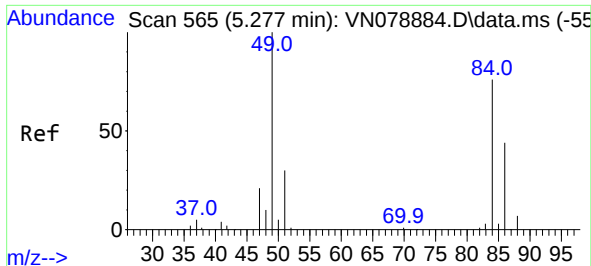
Tgt Ion:168 Resp: 143006
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#16
Acetone
Concen: 26.586 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN079096.D
Acq: 29 Aug 2023 16:06

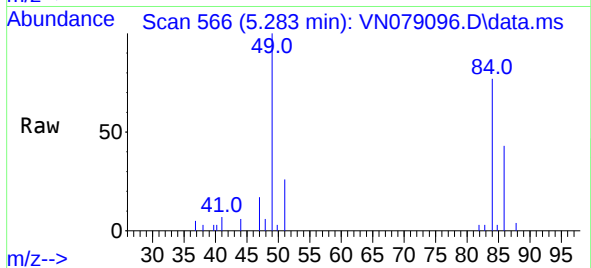
Tgt Ion: 43 Resp: 24411
Ion Ratio Lower Upper
43 100
58 24.8 28.0 42.0#



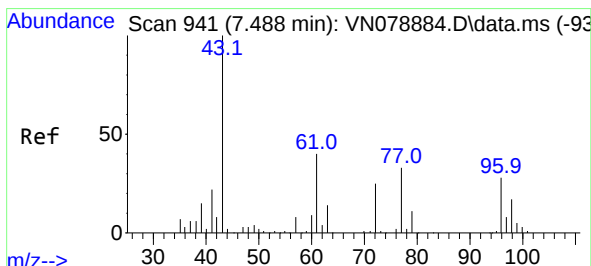
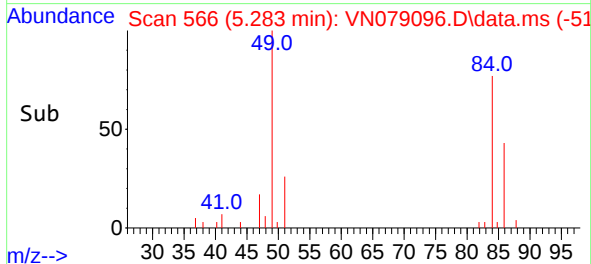
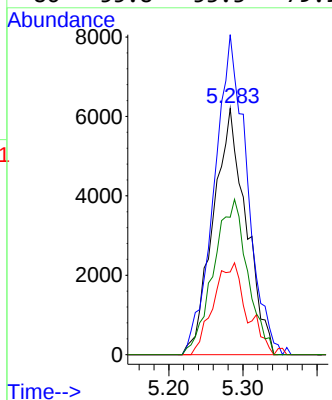


#20
Methylene Chloride
Concen: 9.768 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079096.D
Acq: 29 Aug 2023 16:06

Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#05

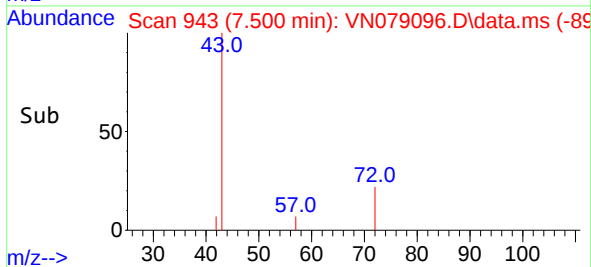
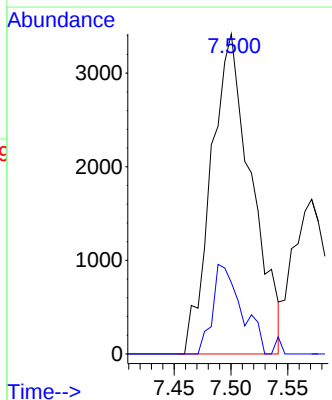
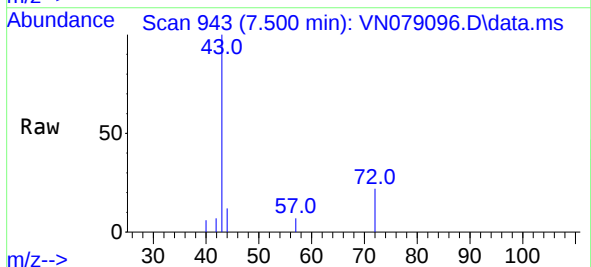


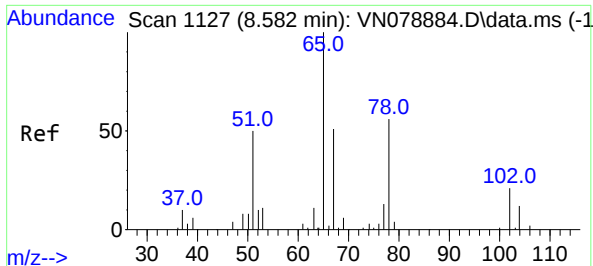
Tgt Ion: 84 Resp: 19113
Ion Ratio Lower Upper
84 100
49 129.9 79.7 119.5#
51 33.6 25.2 37.8
86 55.8 53.3 79.9



#25
2-Butanone
Concen: 5.737 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079096.D
Acq: 29 Aug 2023 16:06

Tgt Ion: 43 Resp: 8445
Ion Ratio Lower Upper
43 100
72 22.3 30.2 45.2#

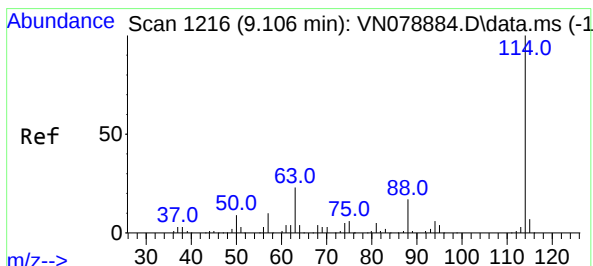
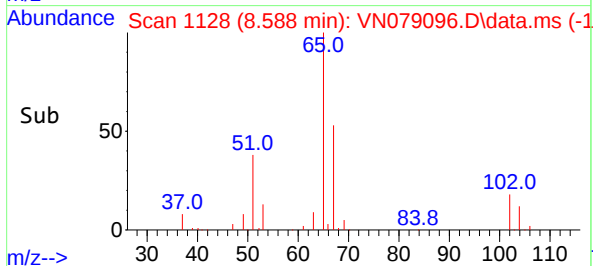
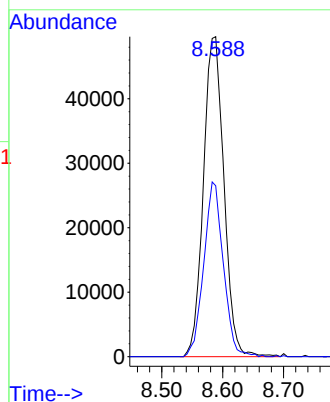
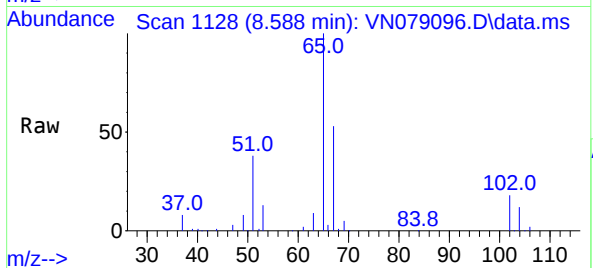




#33
1,2-Dichloroethane-d4
Concen: 52.270 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN079096.D
Acq: 29 Aug 2023 16:06

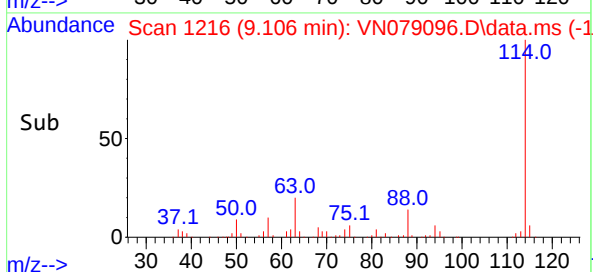
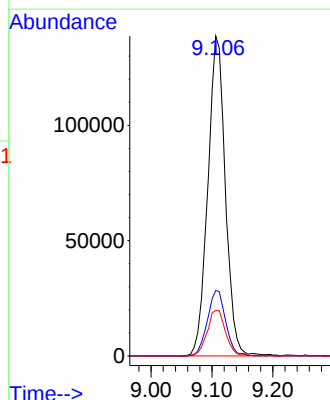
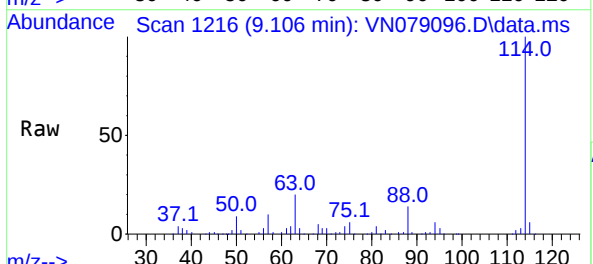
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#05

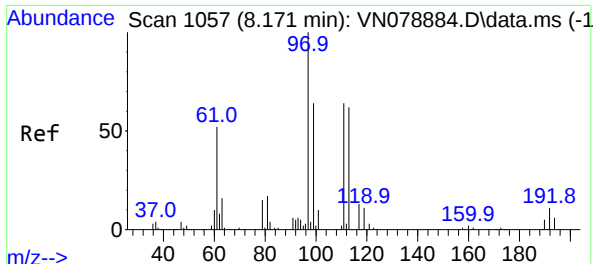
Tgt Ion: 65 Resp: 116317
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079096.D
Acq: 29 Aug 2023 16:06

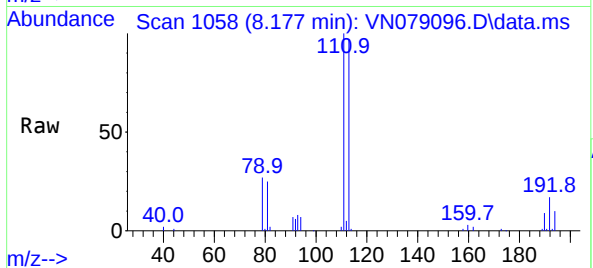
Tgt Ion: 114 Resp: 278267
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 14.2 0.0 30.6



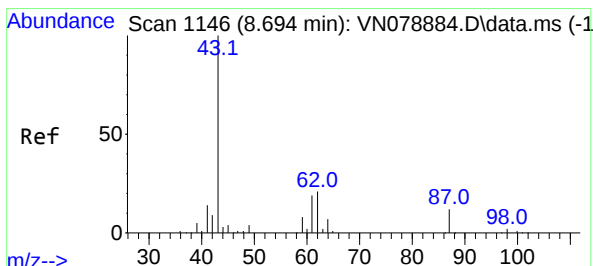
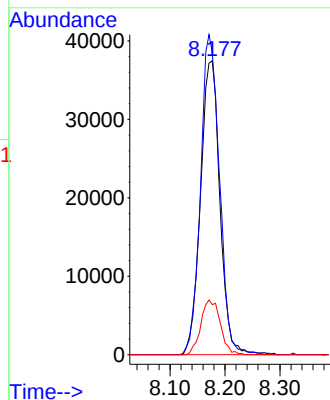
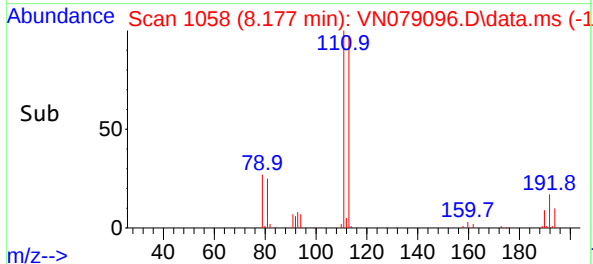


#35
Dibromofluoromethane
Concen: 48.995 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN079096.D
Acq: 29 Aug 2023 16:06

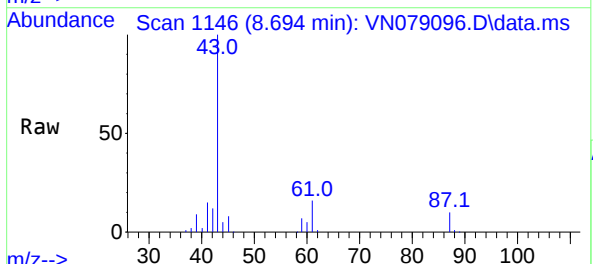
Instrument :
MSVOA_N
ClientSampleId :
PB155153ZHE#05



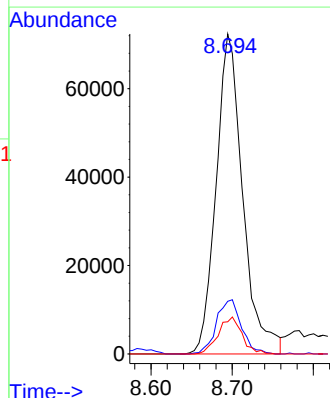
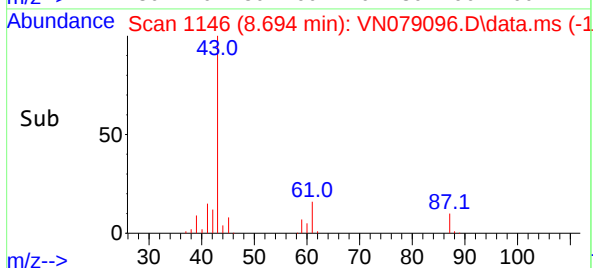
Tgt Ion:113 Resp: 91774
Ion Ratio Lower Upper
113 100
111 106.3 82.6 123.8
192 18.7 12.7 19.1

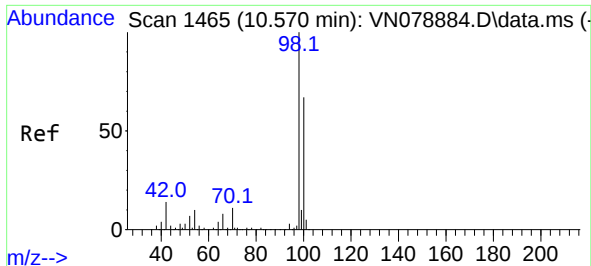


#43
Isopropyl Acetate
Concen: 29.618 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079096.D
Acq: 29 Aug 2023 16:06



Tgt Ion: 43 Resp: 165037
Ion Ratio Lower Upper
43 100
61 15.9 24.7 37.1#
87 10.3 14.6 21.8#

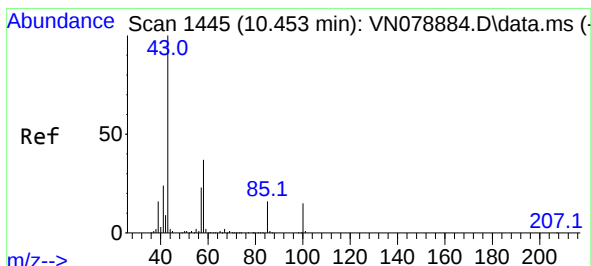
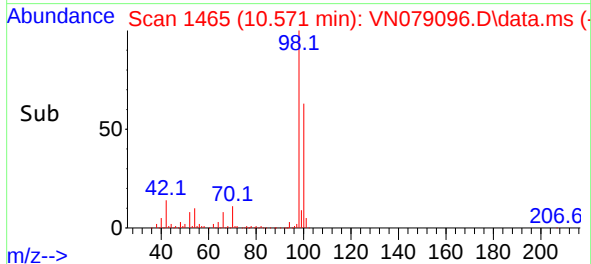
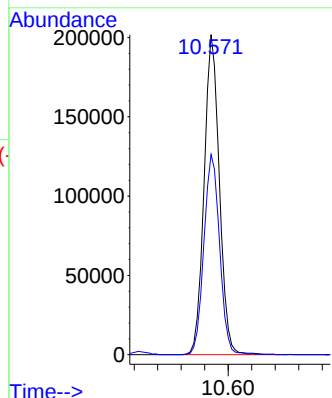
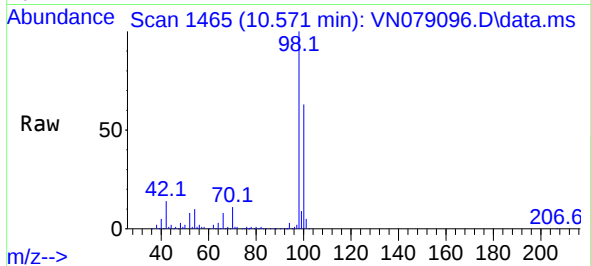




#50
Toluene-d8
Concen: 52.153 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079096.D
Acq: 29 Aug 2023 16:06

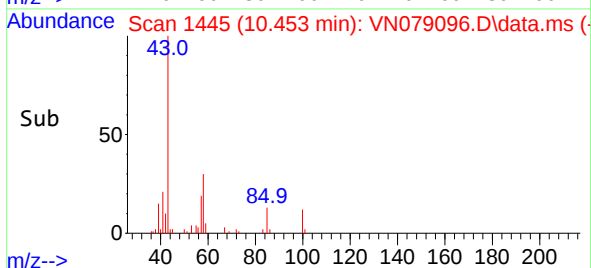
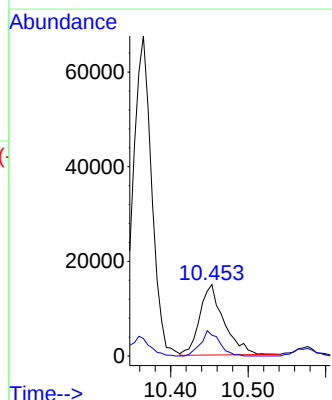
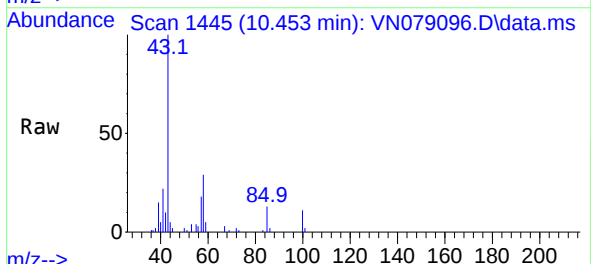
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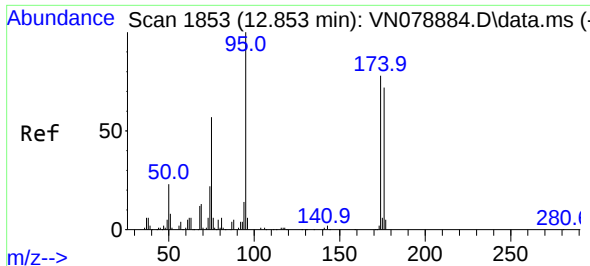
Tgt Ion: 98 Resp: 362729
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 9.760 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079096.D
Acq: 29 Aug 2023 16:06

Tgt Ion: 43 Resp: 32255
Ion Ratio Lower Upper
43 100
58 27.6 36.6 54.8#

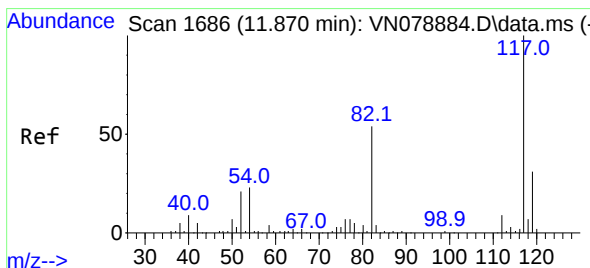
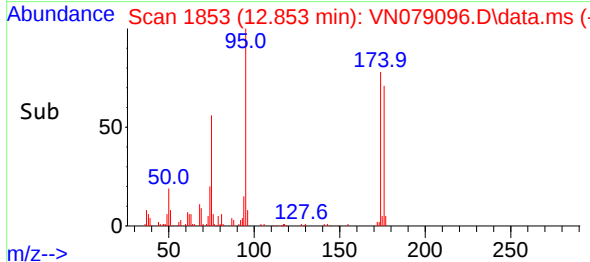
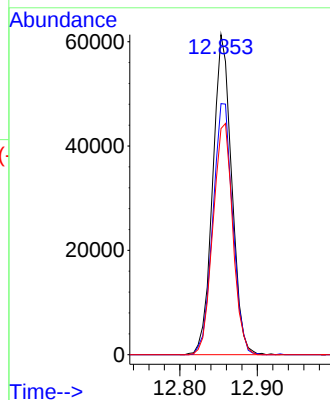
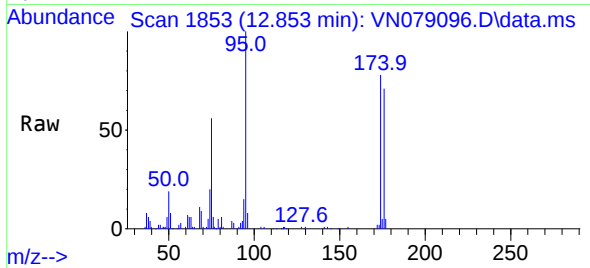




#62
4-Bromofluorobenzene
Concen: 45.862 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079096.D
Acq: 29 Aug 2023 16:06

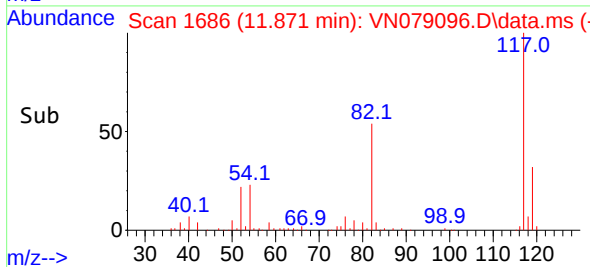
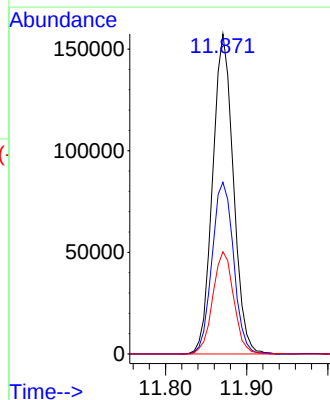
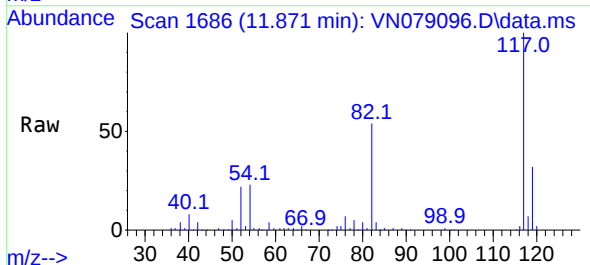
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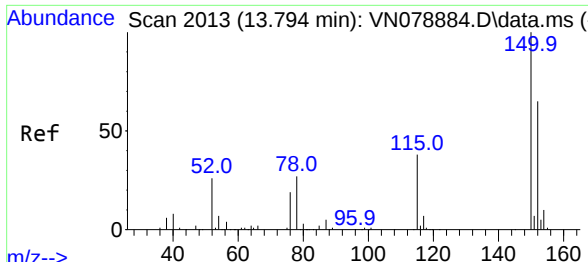
Tgt Ion: 95 Resp: 104262
Ion Ratio Lower Upper
95 100
174 82.0 0.0 143.8
176 75.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079096.D
Acq: 29 Aug 2023 16:06

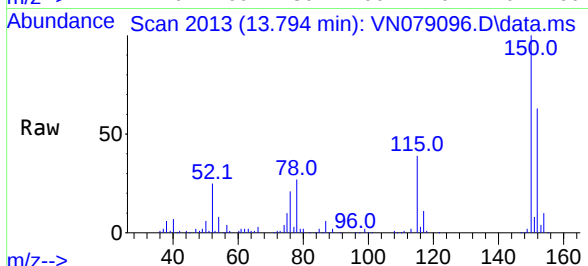
Tgt Ion: 117 Resp: 279323
Ion Ratio Lower Upper
117 100
82 53.6 44.0 66.0
119 32.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079096.D
 Acq: 29 Aug 2023 16:06

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155153ZHE#05



Tgt Ion:152 Resp: 84784

Ion	Ratio	Lower	Upper
152	100		
115	59.4	32.3	96.8
150	153.5	0.0	355.8

