

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079073.D
 Acq On : 28 Aug 2023 17:44
 Operator : JC\MD
 Sample : 04188-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Quant Time: Aug 29 04:40:47 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)

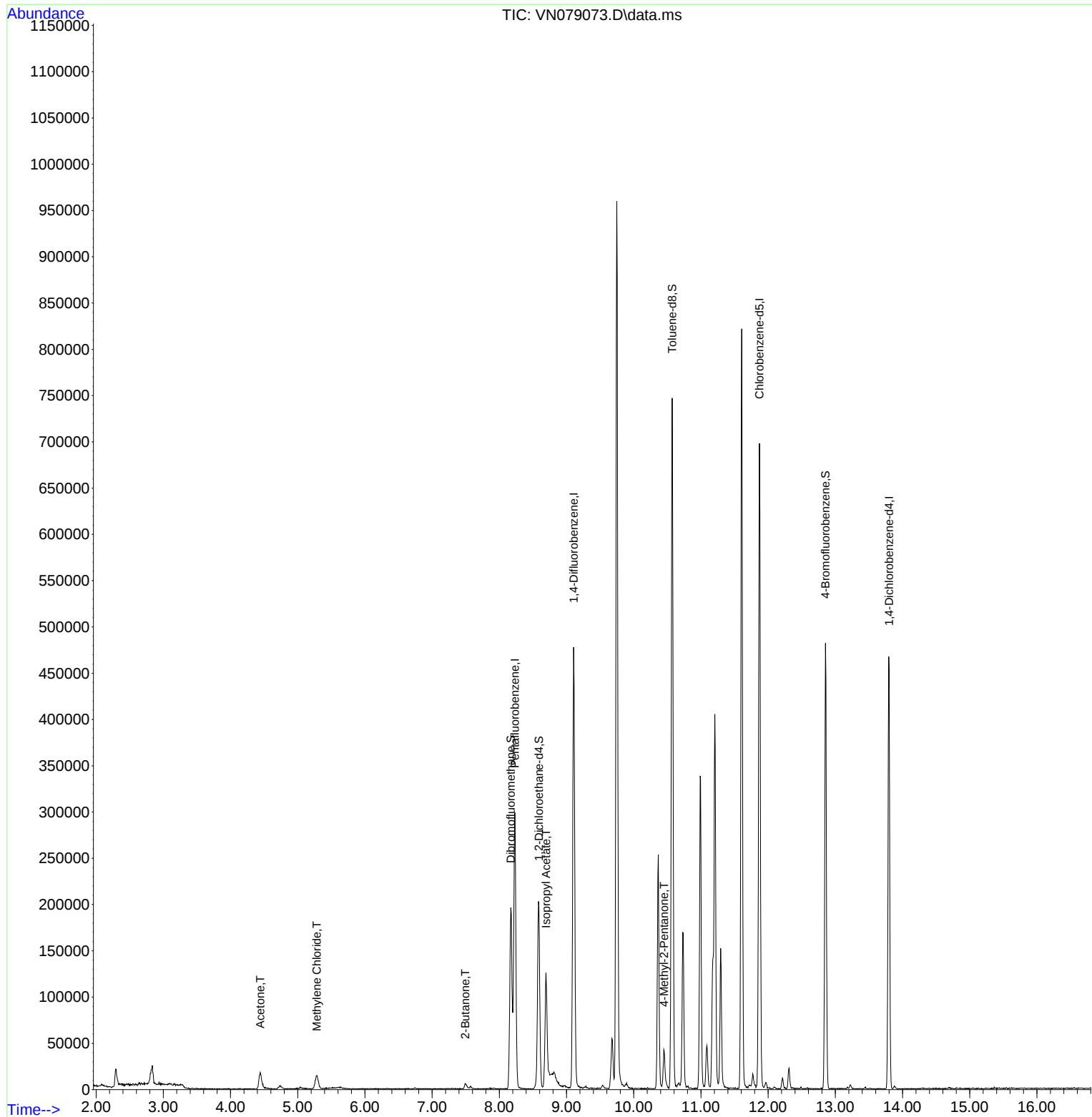
Internal Standards						
1) Pentafluorobenzene	8.230	168	209148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	401073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	391051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	123022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	161954	49.763	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.520%
35) Dibromofluoromethane	8.171	113	137718	51.010	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.020%
50) Toluene-d8	10.571	98	493519	49.231	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.460%
62) 4-Bromofluorobenzene	12.853	95	158036	48.231	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.460%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	31906	23.760	ug/l	97
20) Methylene Chloride	5.283	84	11026	3.853	ug/l #	80
25) 2-Butanone	7.495	43	11098	5.155	ug/l #	62
43) Isopropyl Acetate	8.694	43	150918	18.791	ug/l #	74
51) 4-Methyl-2-Pentanone	10.453	43	32449	6.812	ug/l #	81

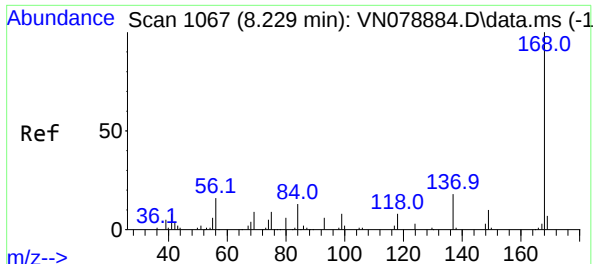
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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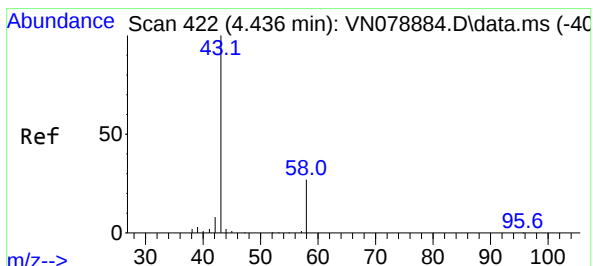
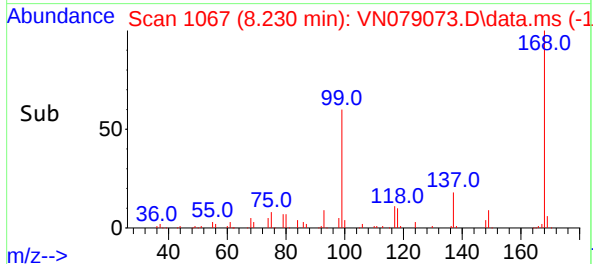
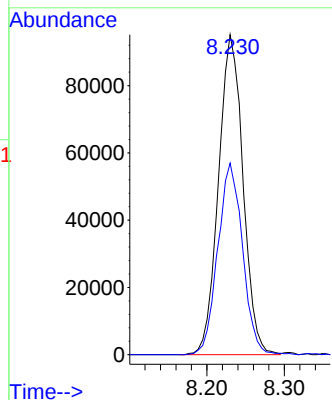
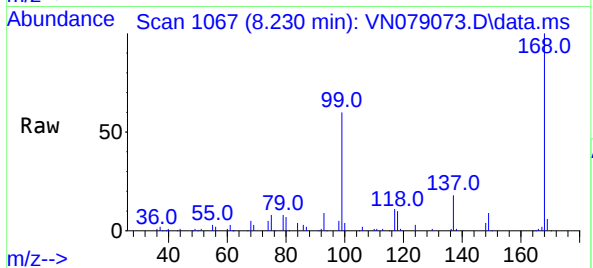




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079073.D
Acq: 28 Aug 2023 17:44

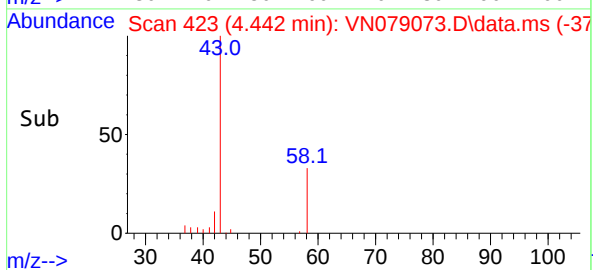
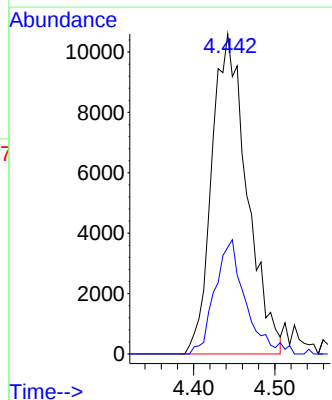
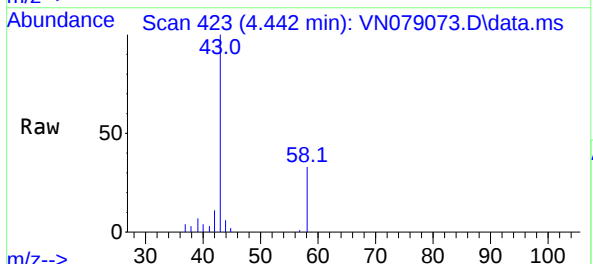
Instrument :
MSVOA_N
ClientSampleId :
WC-4

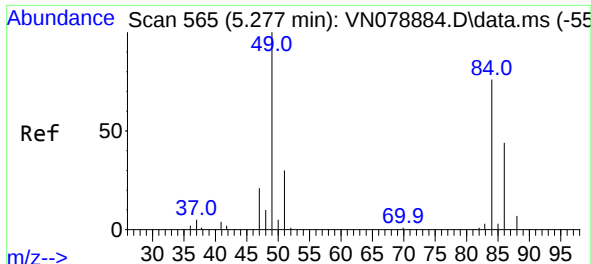
Tgt Ion:168 Resp: 209148
Ion Ratio Lower Upper
168 100
99 59.8 53.0 79.6



#16
Acetone
Concen: 23.760 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079073.D
Acq: 28 Aug 2023 17:44

Tgt Ion: 43 Resp: 31906
Ion Ratio Lower Upper
43 100
58 33.4 28.0 42.0



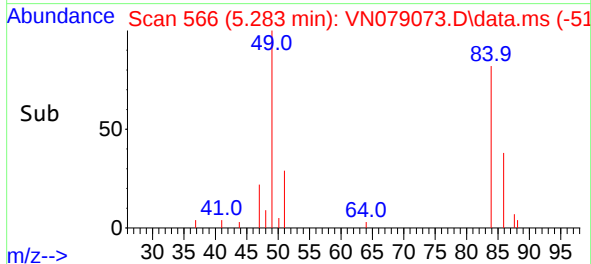
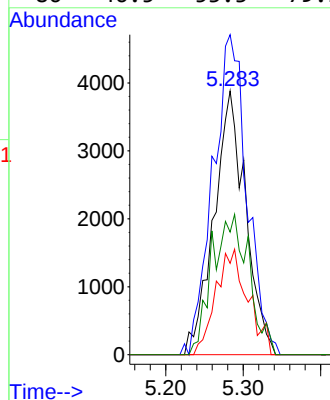
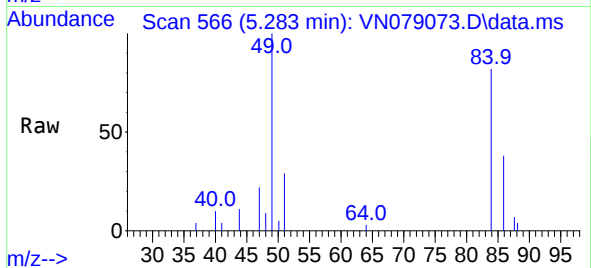


#20
Methylene Chloride
Concen: 3.853 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079073.D
Acq: 28 Aug 2023 17:44

Instrument :
MSVOA_N
ClientSampleId :
WC-4

Tgt Ion: 84 Resp: 11026

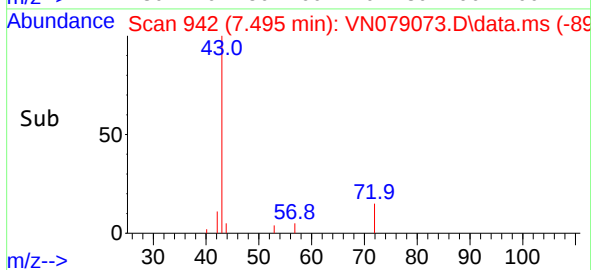
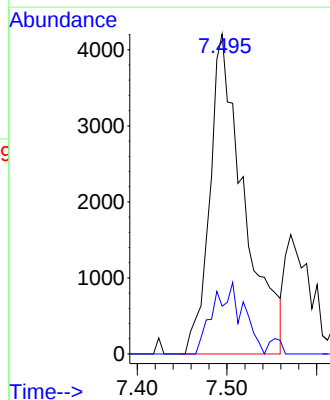
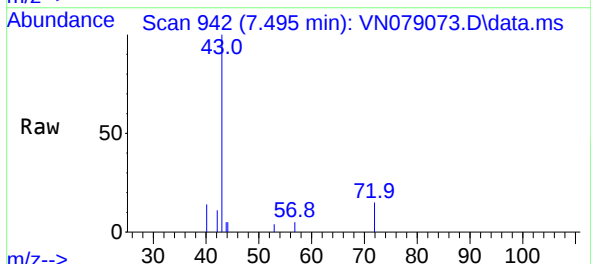
Ion	Ratio	Lower	Upper
84	100		
49	121.4	79.7	119.5#
51	34.6	25.2	37.8
86	46.5	53.3	79.9#

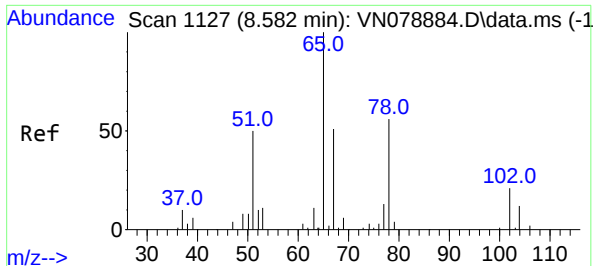


#25
2-Butanone
Concen: 5.155 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.001 min
Lab File: VN079073.D
Acq: 28 Aug 2023 17:44

Tgt Ion: 43 Resp: 11098

Ion	Ratio	Lower	Upper
43	100		
72	15.0	30.2	45.2#

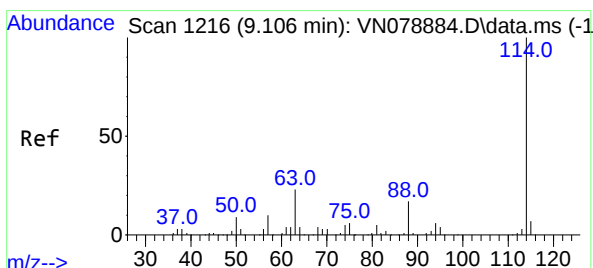
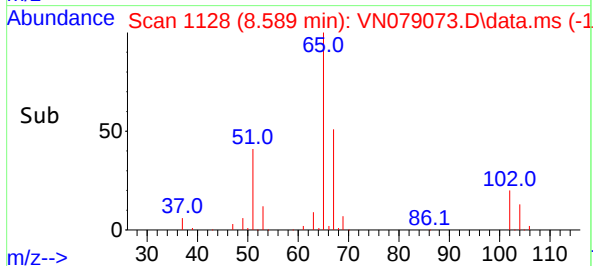
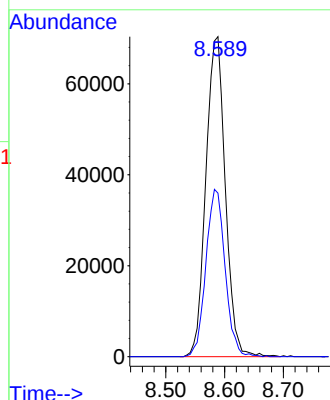
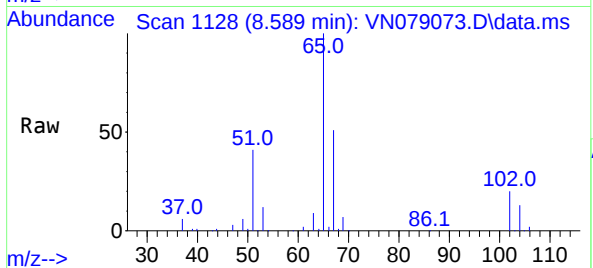




#33
1,2-Dichloroethane-d4
Concen: 49.763 ug/l
RT: 8.589 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN079073.D
Acq: 28 Aug 2023 17:44

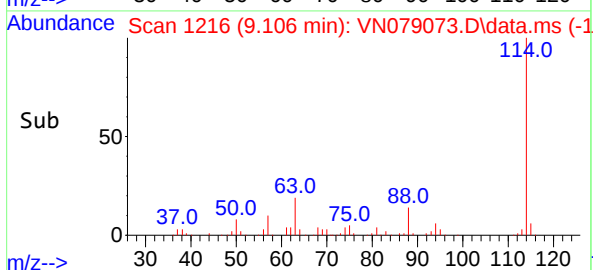
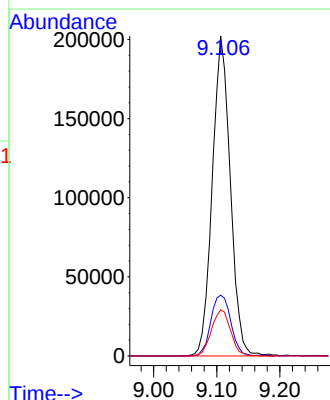
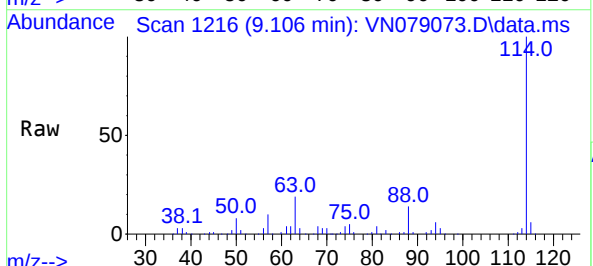
Instrument :
MSVOA_N
ClientSampleId :
WC-4

Tgt Ion: 65 Resp: 161954
Ion Ratio Lower Upper
65 100
67 51.7 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: VN079073.D
Acq: 28 Aug 2023 17:44

Tgt Ion: 114 Resp: 401073
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.4
88 14.4 0.0 30.6

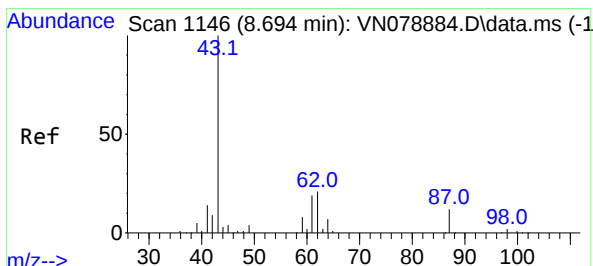
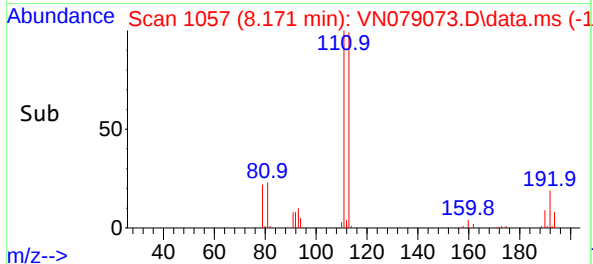
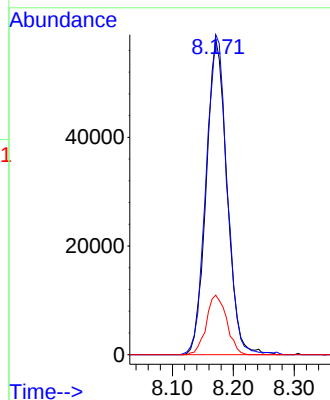
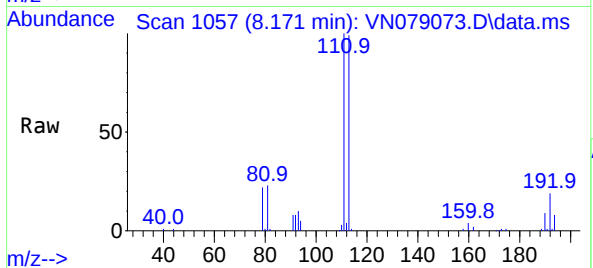




#35
Dibromofluoromethane
Concen: 51.010 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079073.D
Acq: 28 Aug 2023 17:44

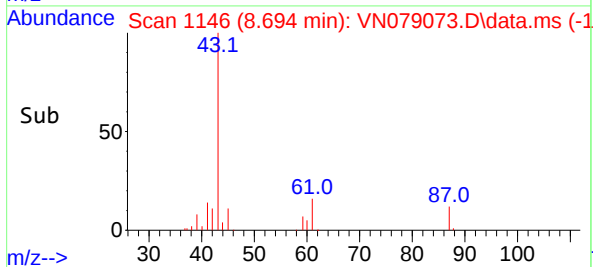
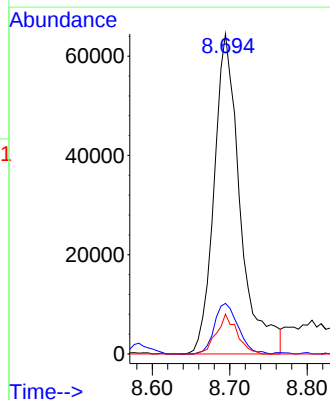
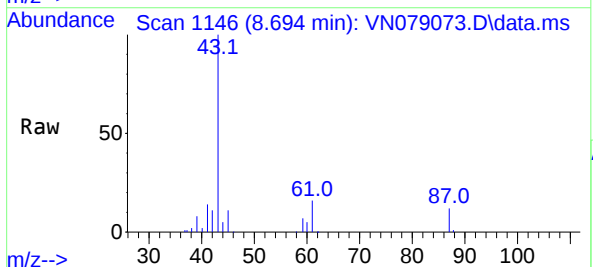
Instrument :
MSVOA_N
ClientSampleId :
WC-4

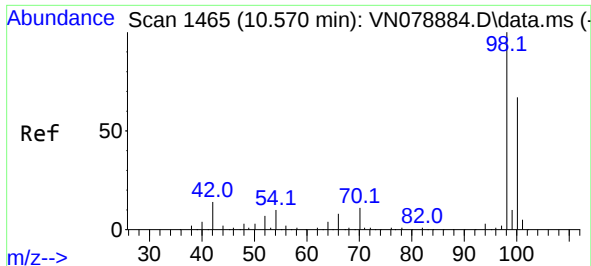
Tgt Ion:113 Resp: 137718
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 18.4 12.7 19.1



#43
Isopropyl Acetate
Concen: 18.791 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079073.D
Acq: 28 Aug 2023 17:44

Tgt Ion: 43 Resp: 150918
Ion Ratio Lower Upper
43 100
61 14.4 24.7 37.1#
87 9.8 14.6 21.8#

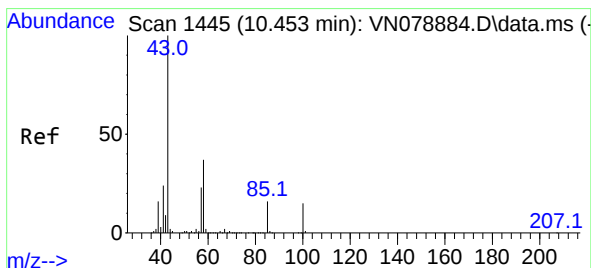
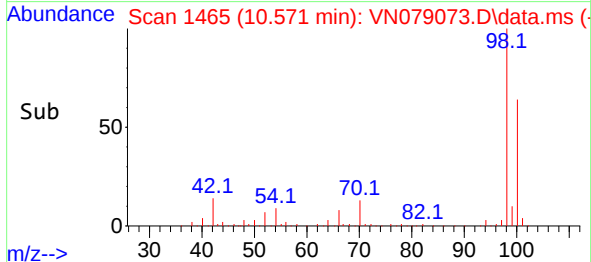
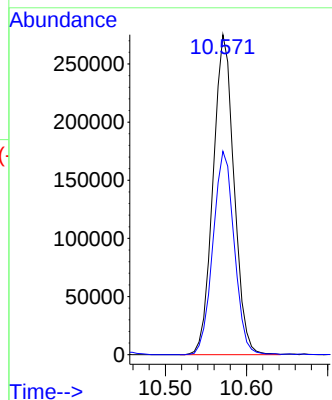
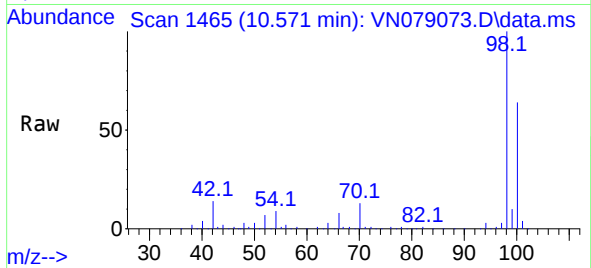




#50
Toluene-d8
Concen: 49.231 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079073.D
Acq: 28 Aug 2023 17:44

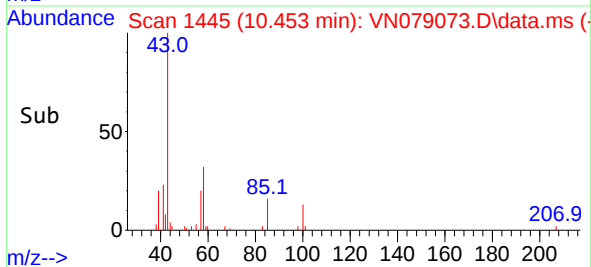
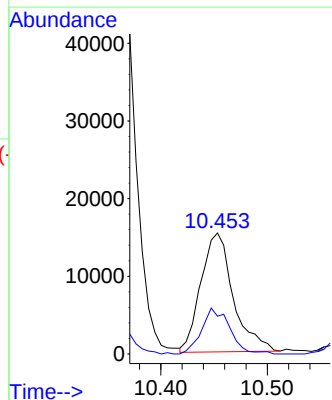
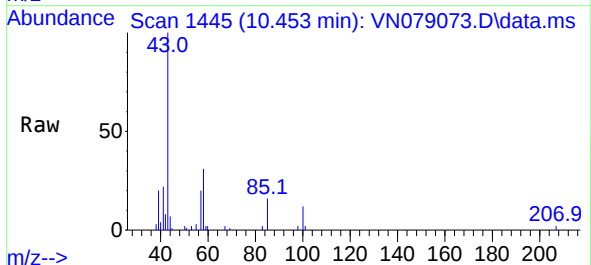
Instrument :
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ClientSampleId :
WC-4

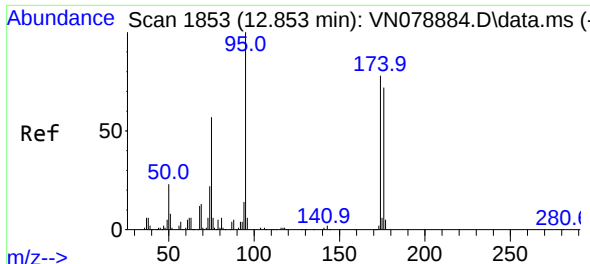
Tgt Ion: 98 Resp: 493519
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 6.812 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN079073.D
Acq: 28 Aug 2023 17:44

Tgt Ion: 43 Resp: 32449
Ion Ratio Lower Upper
43 100
58 33.5 36.6 54.8#

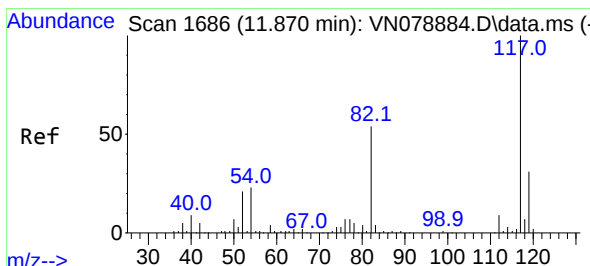
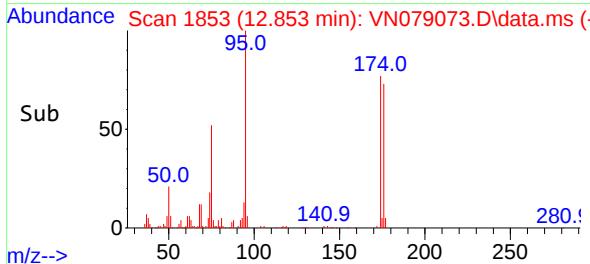
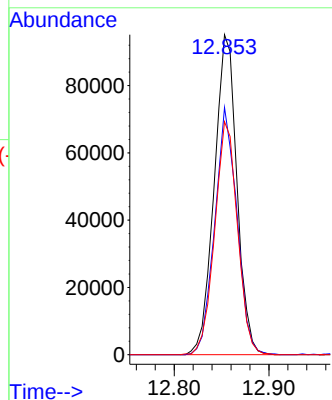
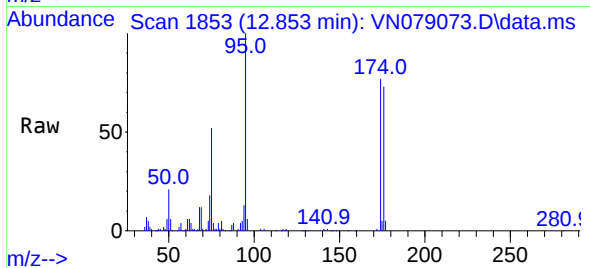




#62
4-Bromofluorobenzene
Concen: 48.231 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079073.D
Acq: 28 Aug 2023 17:44

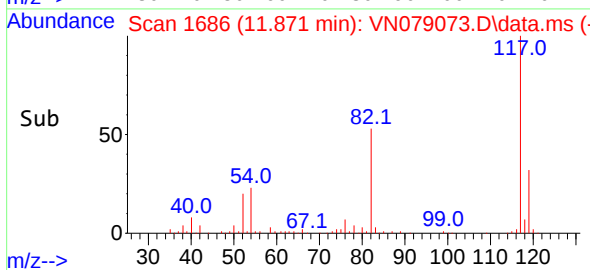
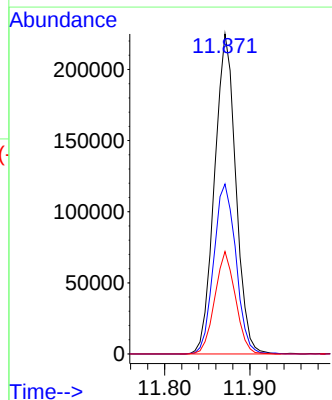
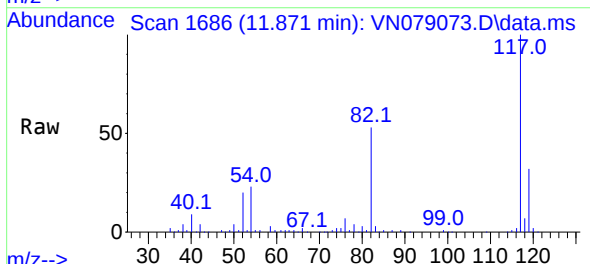
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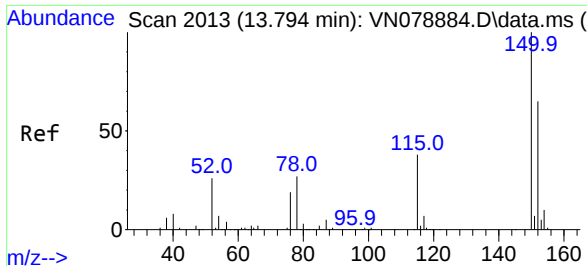
Tgt Ion: 95 Resp: 158036
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 73.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079073.D
Acq: 28 Aug 2023 17:44

Tgt Ion: 117 Resp: 391051
Ion Ratio Lower Upper
117 100
82 53.1 44.0 66.0
119 32.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079073.D
 Acq: 28 Aug 2023 17:44

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-4

Tgt Ion:152 Resp: 123022
 Ion Ratio Lower Upper
 152 100
 115 60.4 32.3 96.8
 150 157.1 0.0 355.8

