

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079071.D
 Acq On : 28 Aug 2023 16:55
 Operator : JC\MD
 Sample : 04188-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-6

Quant Time: Aug 29 04:07:18 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)

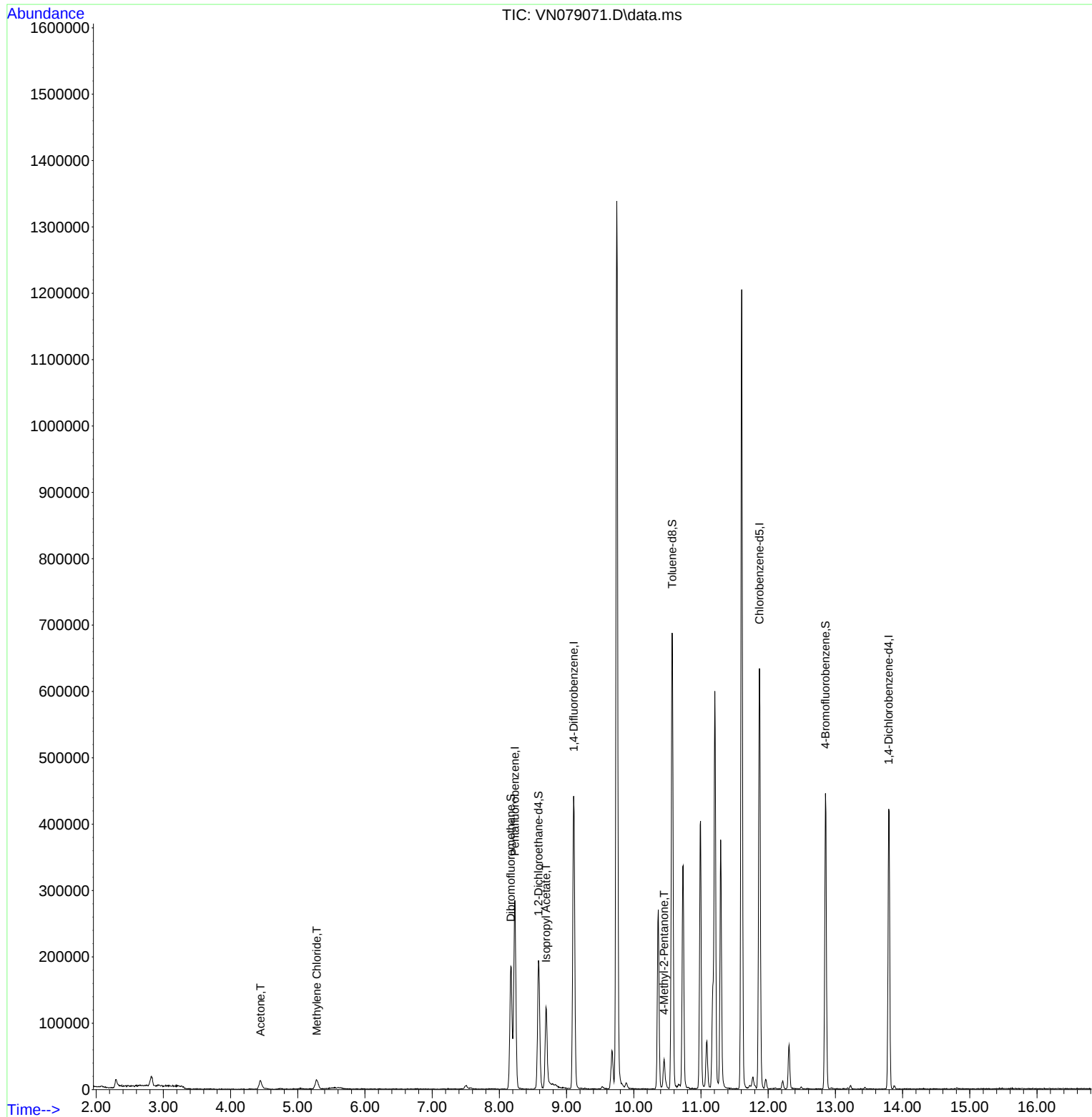
Internal Standards						
1) Pentafluorobenzene	8.230	168	200505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	380048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	364518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152206	48.784	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.560%
35) Dibromofluoromethane	8.171	113	131004	51.208	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.420%
50) Toluene-d8	10.571	98	467541	49.219	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.853	95	145045	46.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.440%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	24594	19.104	ug/l	92
20) Methylene Chloride	5.283	84	9984	3.639	ug/l #	64
43) Isopropyl Acetate	8.694	43	147273	19.352	ug/l #	78
51) 4-Methyl-2-Pentanone	10.453	43	35897	7.953	ug/l #	82

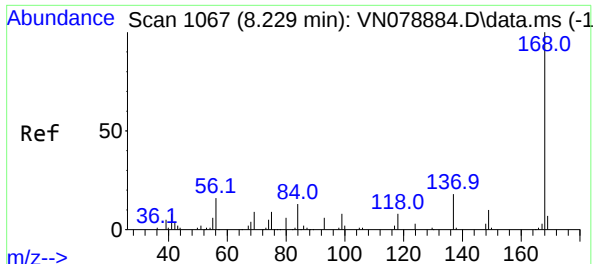
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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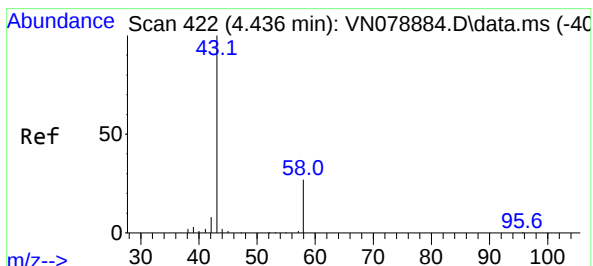
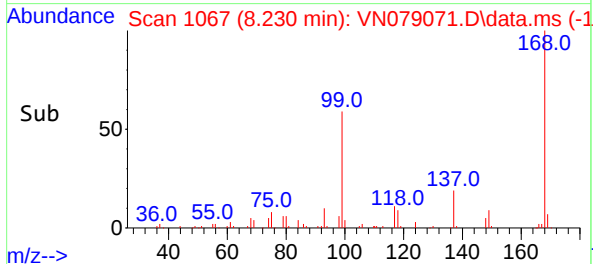
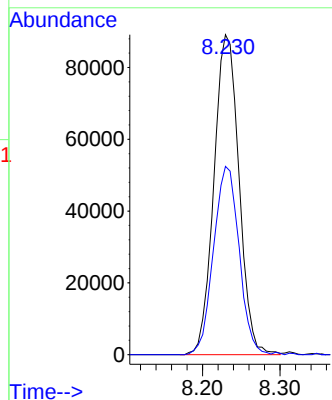
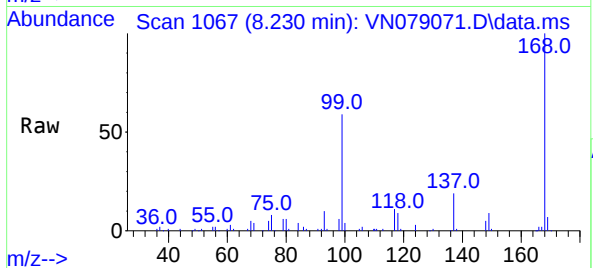




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079071.D
Acq: 28 Aug 2023 16:55

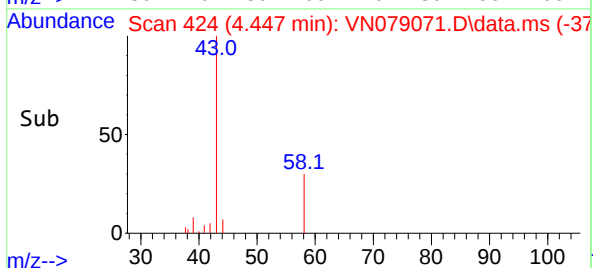
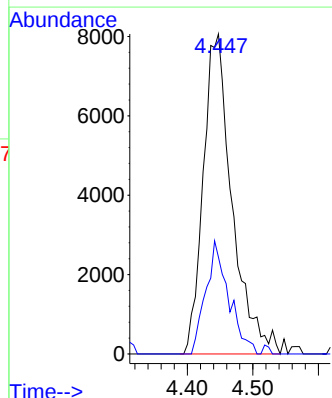
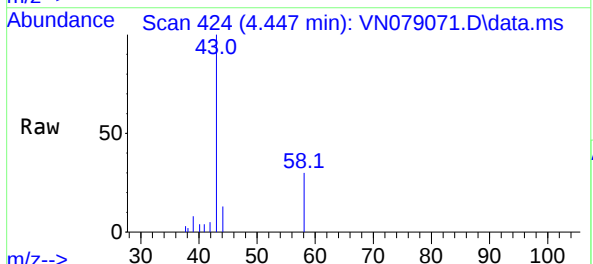
Instrument :
MSVOA_N
ClientSampleId :
WC-6

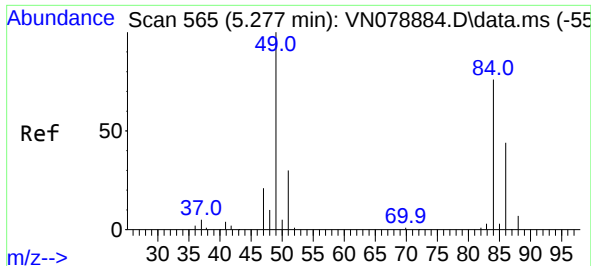
Tgt Ion:168 Resp: 200505
Ion Ratio Lower Upper
168 100
99 58.9 53.0 79.6



#16
Acetone
Concen: 19.104 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN079071.D
Acq: 28 Aug 2023 16:55

Tgt Ion: 43 Resp: 24594
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0

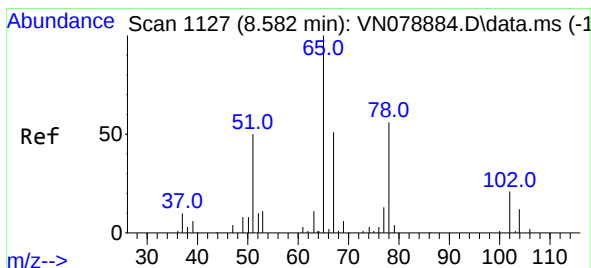
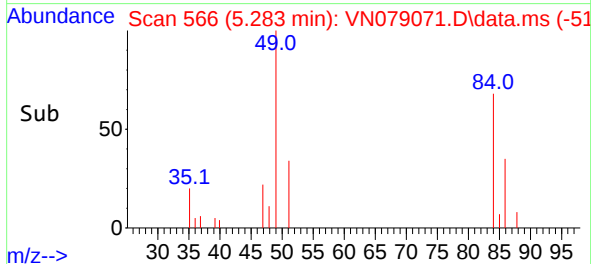
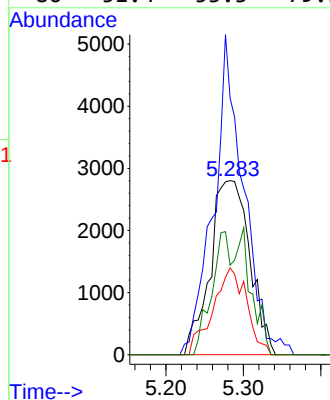
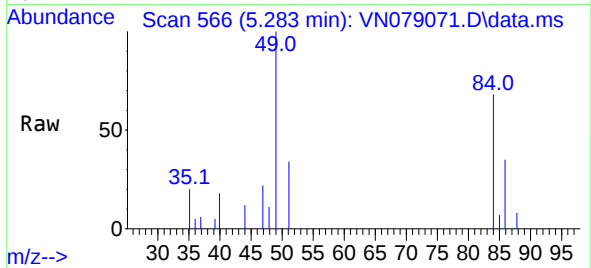




#20
Methylene Chloride
Concen: 3.639 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079071.D
Acq: 28 Aug 2023 16:55

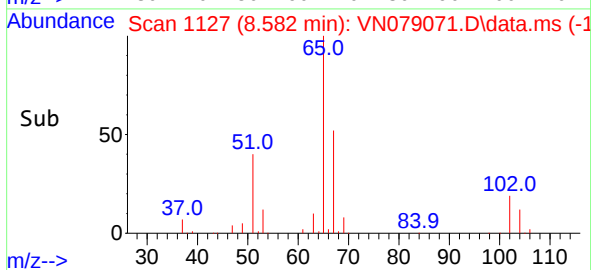
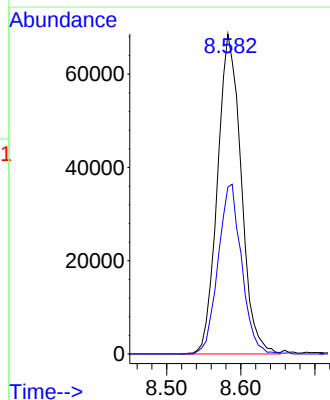
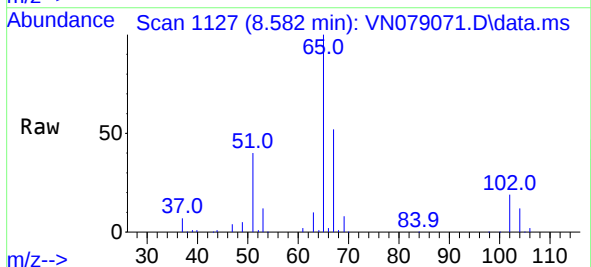
Instrument :
MSVOA_N
ClientSampleId :
WC-6

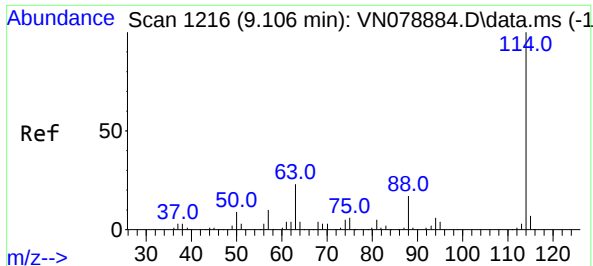
Tgt Ion:	84	Resp:	9984
Ion	Ratio	Lower	Upper
84	100		
49	147.3	79.7	119.5#
51	49.8	25.2	37.8#
86	51.4	53.3	79.9#



#33
1,2-Dichloroethane-d4
Concen: 48.784 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079071.D
Acq: 28 Aug 2023 16:55

Tgt Ion:	65	Resp:	152206
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.6

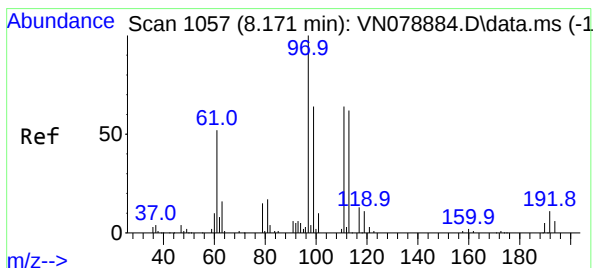
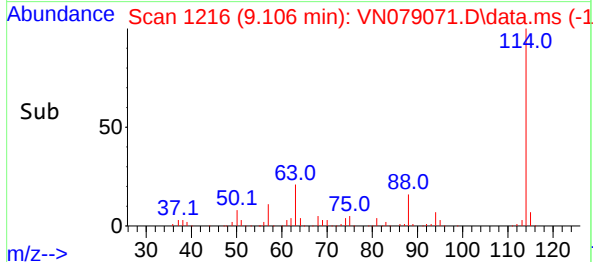
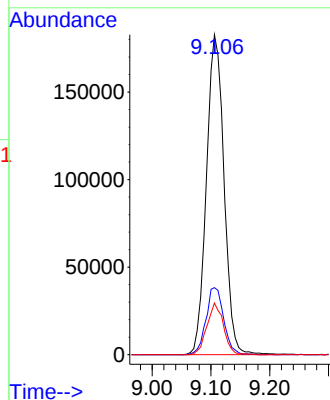
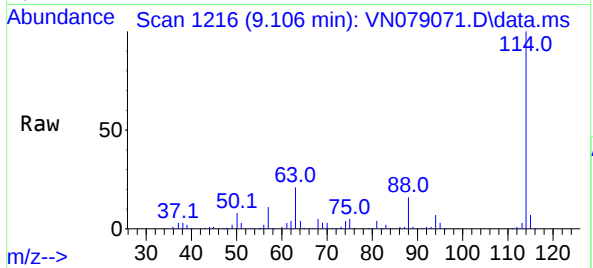




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079071.D
Acq: 28 Aug 2023 16:55

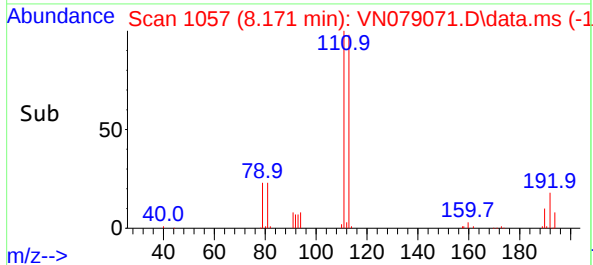
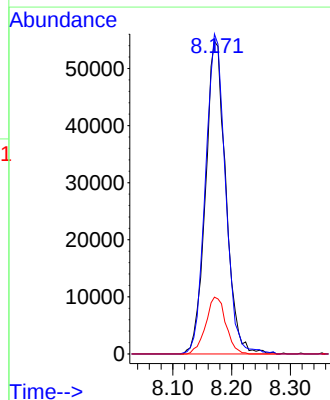
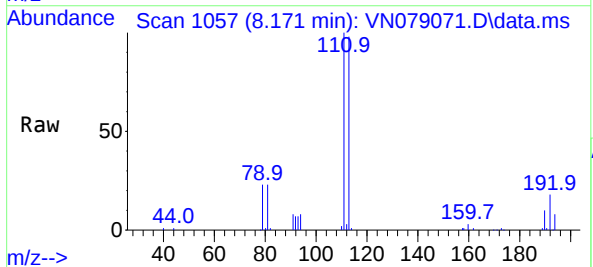
Instrument :
MSVOA_N
ClientSampleId :
WC-6

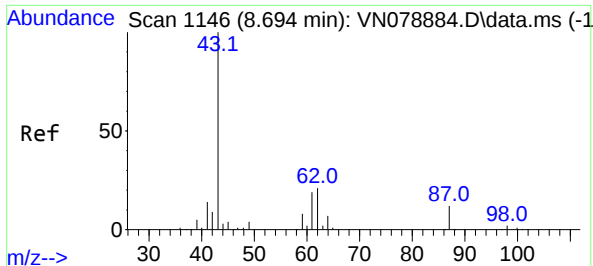
Tgt Ion:114 Resp: 380048
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.208 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079071.D
Acq: 28 Aug 2023 16:55

Tgt Ion:113 Resp: 131004
Ion Ratio Lower Upper
113 100
111 100.9 82.6 123.8
192 18.0 12.7 19.1

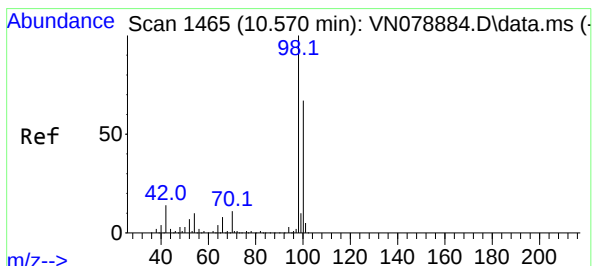
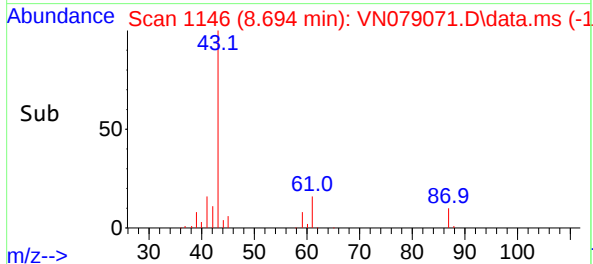
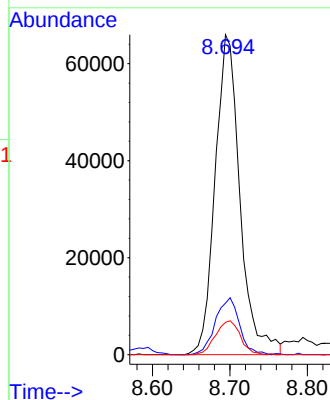
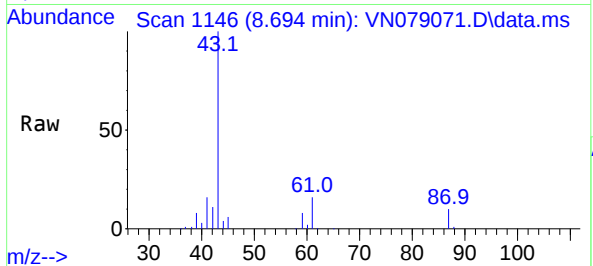




#43
Isopropyl Acetate
Concen: 19.352 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079071.D
Acq: 28 Aug 2023 16:55

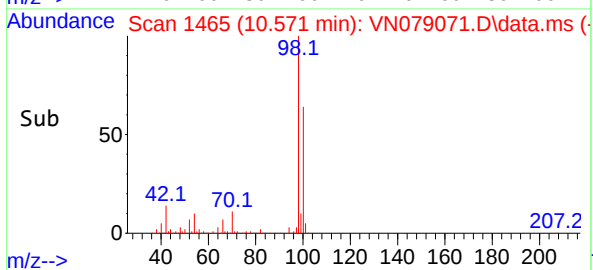
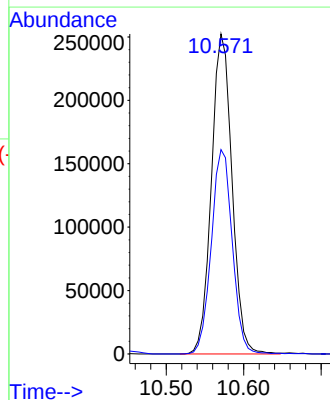
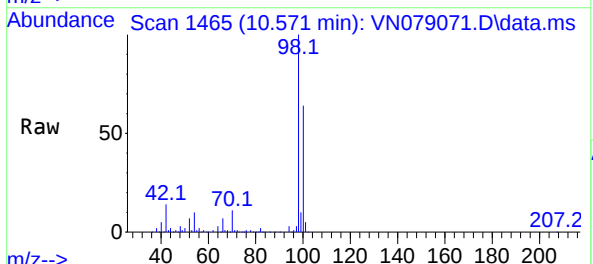
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ClientSampleId :
WC-6

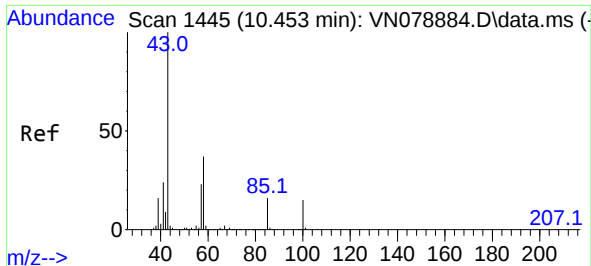
Tgt Ion: 43 Resp: 147273
Ion Ratio Lower Upper
43 100
61 17.2 24.7 37.1#
87 10.5 14.6 21.8#



#50
Toluene-d8
Concen: 49.219 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079071.D
Acq: 28 Aug 2023 16:55

Tgt Ion: 98 Resp: 467541
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

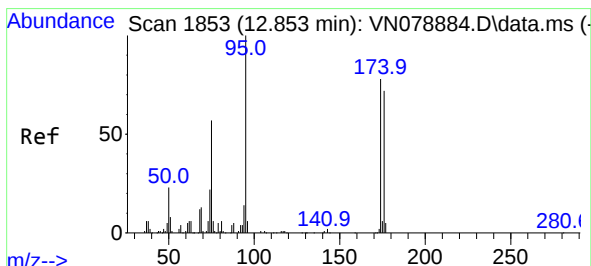
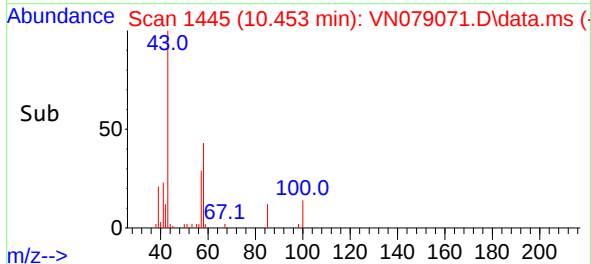
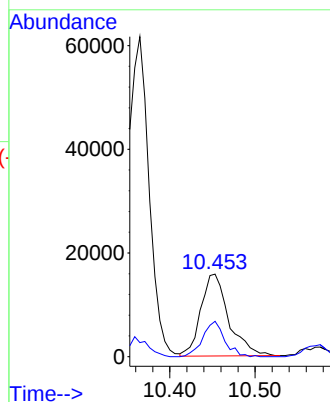
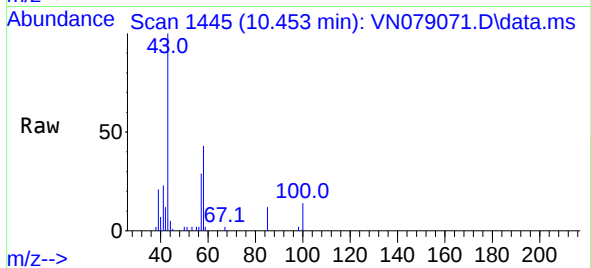




#51
4-Methyl-2-Pentanone
Concen: 7.953 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079071.D
Acq: 28 Aug 2023 16:55

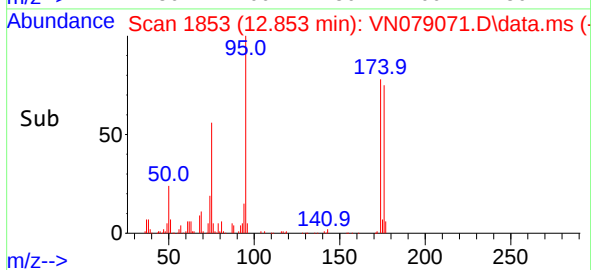
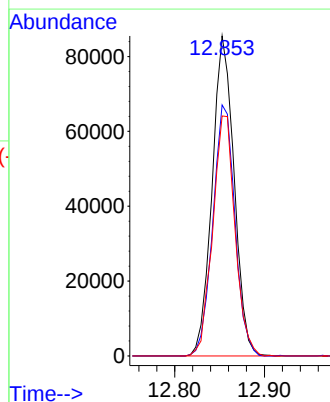
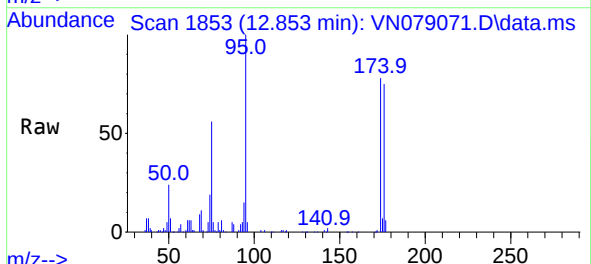
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WC-6

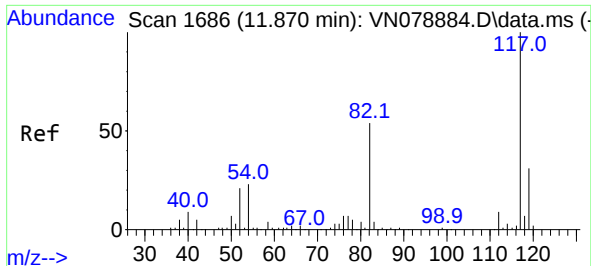
Tgt Ion: 43 Resp: 35897
Ion Ratio Lower Upper
43 100
58 33.9 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 46.715 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079071.D
Acq: 28 Aug 2023 16:55

Tgt Ion: 95 Resp: 145045
Ion Ratio Lower Upper
95 100
174 79.0 0.0 143.8
176 76.5 0.0 135.8

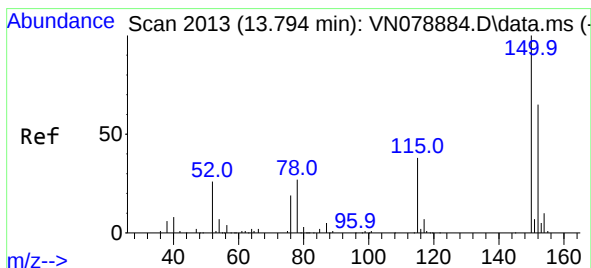
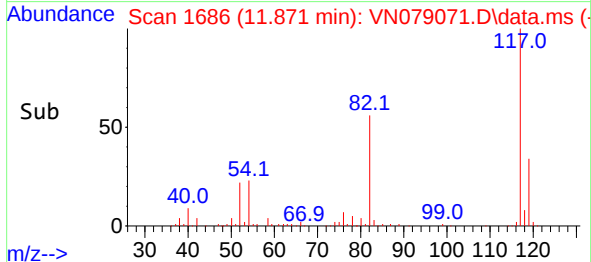
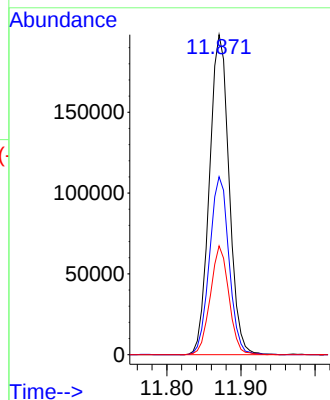
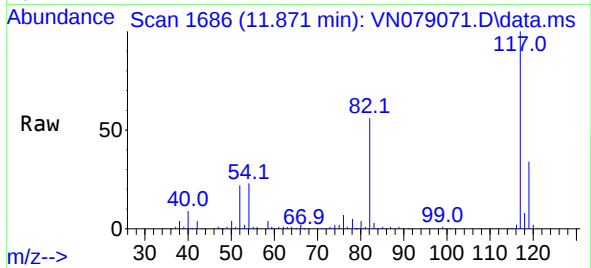




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079071.D
Acq: 28 Aug 2023 16:55

Instrument :
MSVOA_N
ClientSampleId :
WC-6

Tgt Ion:117 Resp: 364518
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 34.0 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: VN079071.D
Acq: 28 Aug 2023 16:55

Tgt Ion:152 Resp: 111815
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 156.6 0.0 355.8

