

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082323\
 Data File : VN079018.D
 Acq On : 23 Aug 2023 16:00
 Operator : JC\MD
 Sample : 04091-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-H

Quant Time: Aug 24 01:15:00 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)

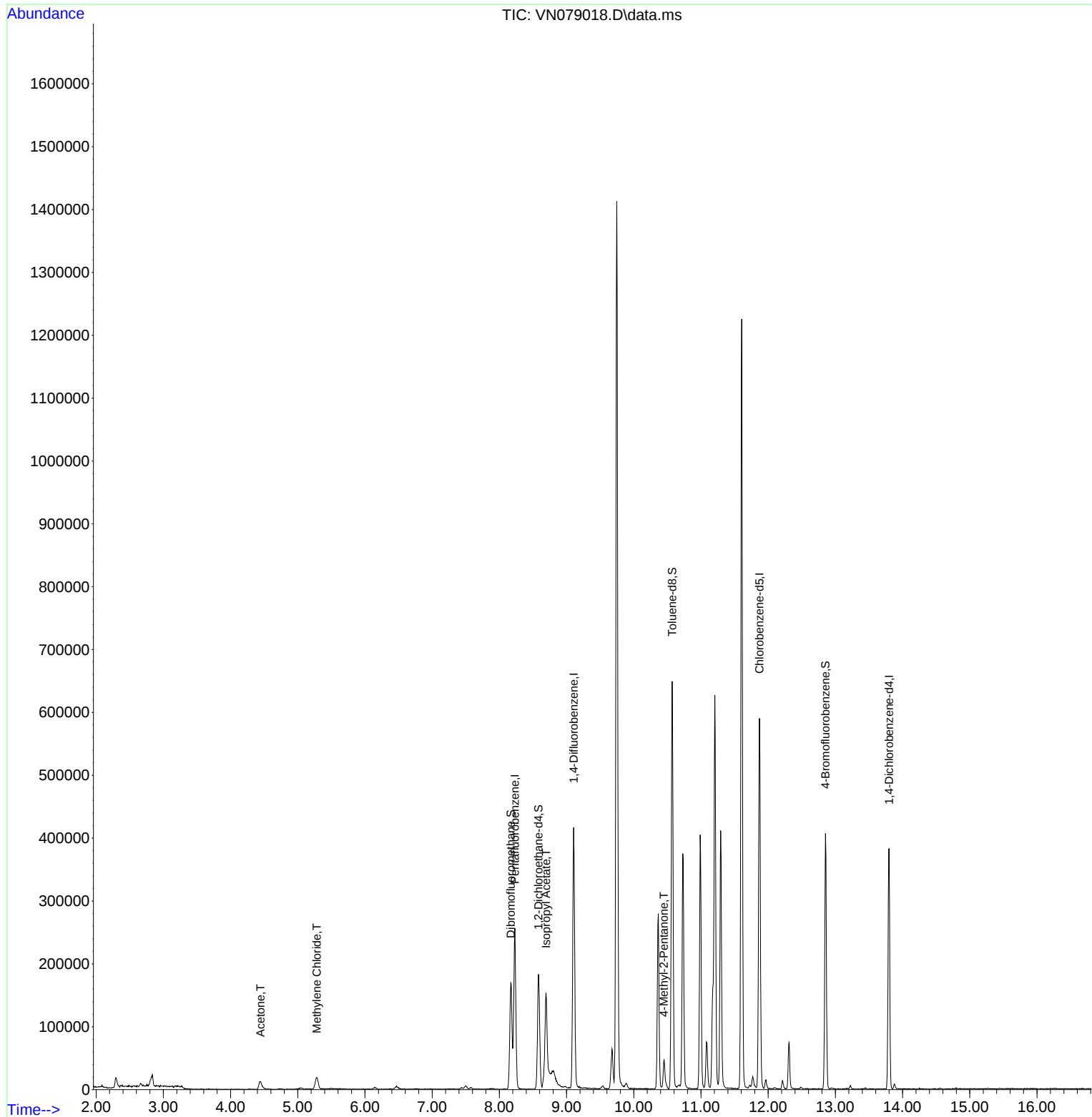
Internal Standards						
1) Pentafluorobenzene	8.229	168	172165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	334797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	335264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	99612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146320	54.617	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.240%	
35) Dibromofluoromethane	8.171	113	117550	52.159	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.320%	
50) Toluene-d8	10.570	98	427999	51.146	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.300%	
62) 4-Bromofluorobenzene	12.853	95	132865	48.576	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.160%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	27053	24.473	ug/l #	79
20) Methylene Chloride	5.283	84	13992	5.940	ug/l #	73
43) Isopropyl Acetate	8.694	43	199392	29.741	ug/l #	71
51) 4-Methyl-2-Pentanone	10.447	43	36502	9.180	ug/l #	75

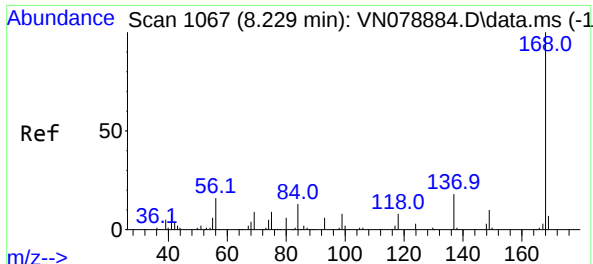
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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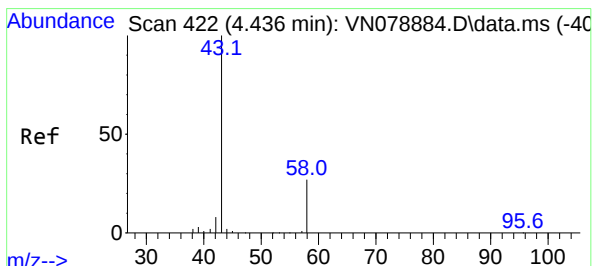
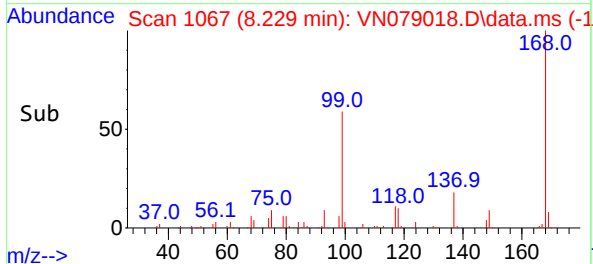
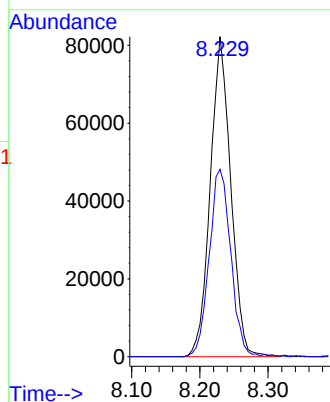
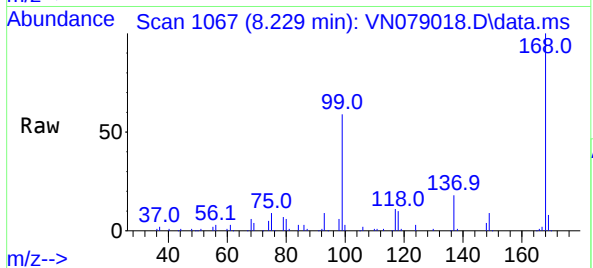




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079018.D
Acq: 23 Aug 2023 16:00

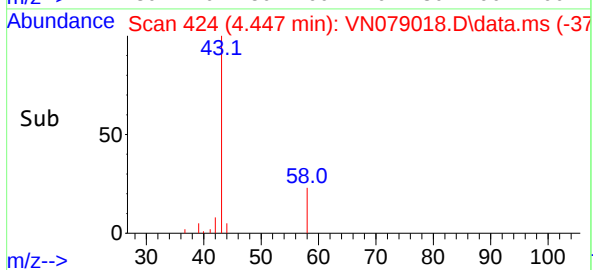
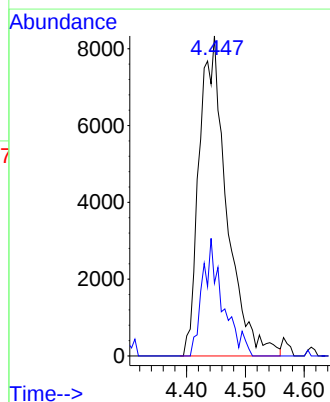
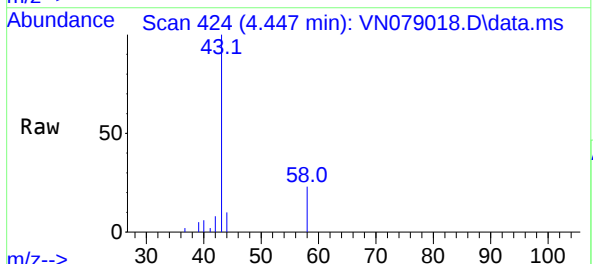
Instrument :
MSVOA_N
ClientSampleId :
TP-H

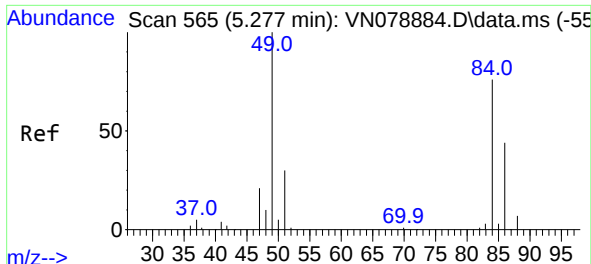
Tgt Ion:168 Resp: 172165
Ion Ratio Lower Upper
168 100
99 58.5 53.0 79.6



#16
Acetone
Concen: 24.473 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN079018.D
Acq: 23 Aug 2023 16:00

Tgt Ion: 43 Resp: 27053
Ion Ratio Lower Upper
43 100
58 22.7 28.0 42.0#



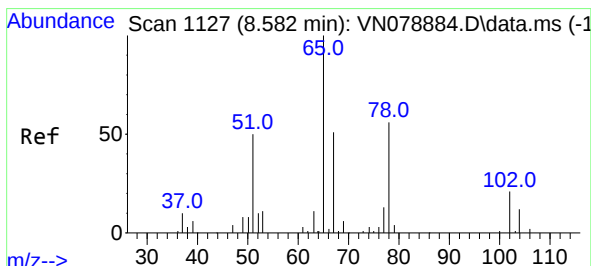
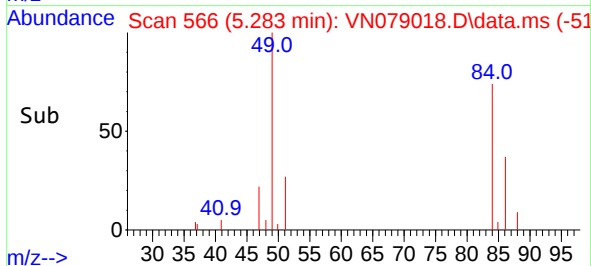
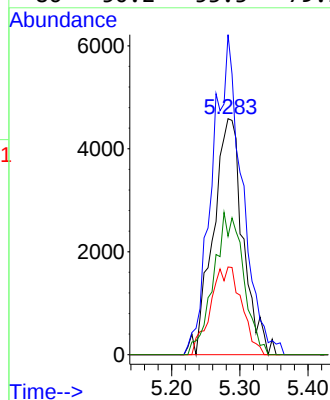
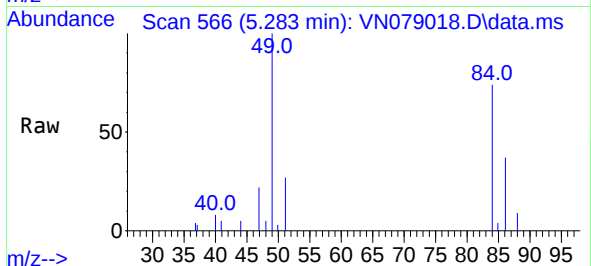


#20
Methylene Chloride
Concen: 5.940 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079018.D
Acq: 23 Aug 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
TP-H

Tgt Ion: 84 Resp: 13992

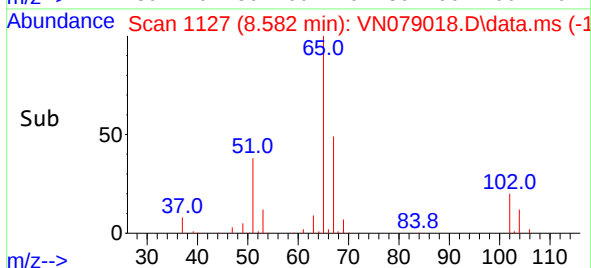
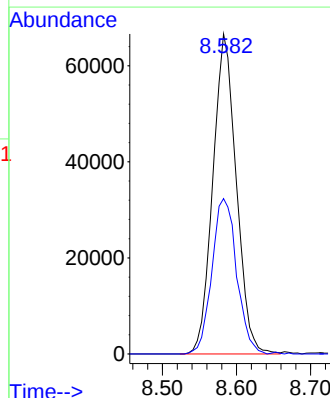
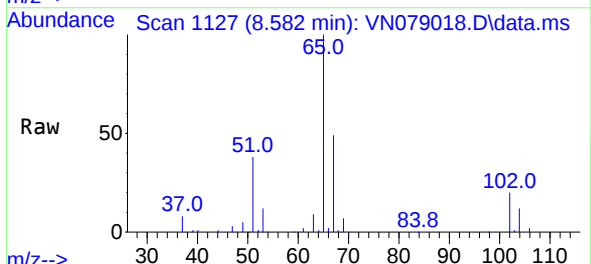
Ion	Ratio	Lower	Upper
84	100		
49	135.5	79.7	119.5#
51	37.2	25.2	37.8
86	50.2	53.3	79.9#

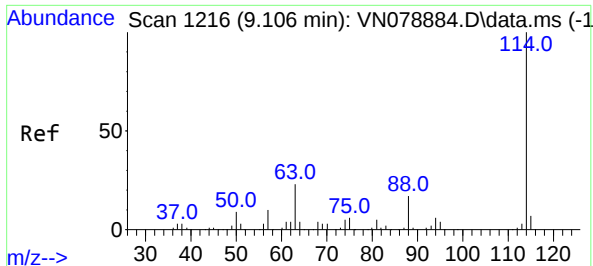


#33
1,2-Dichloroethane-d4
Concen: 54.617 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079018.D
Acq: 23 Aug 2023 16:00

Tgt Ion: 65 Resp: 146320

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	106.6

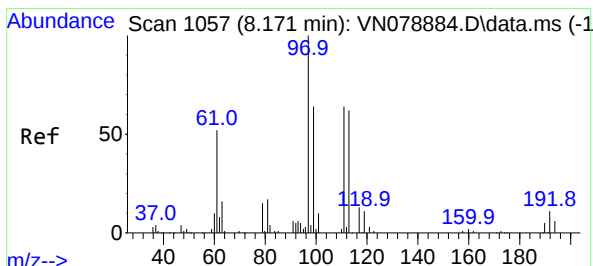
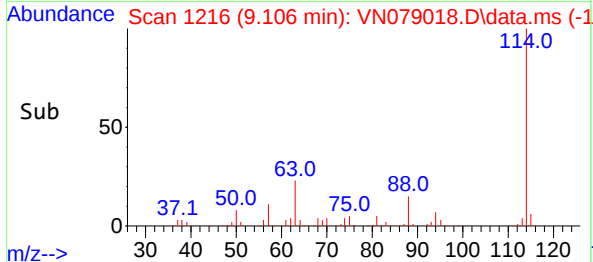
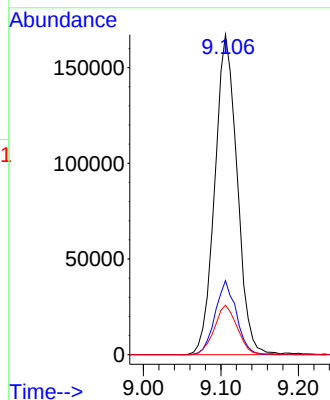
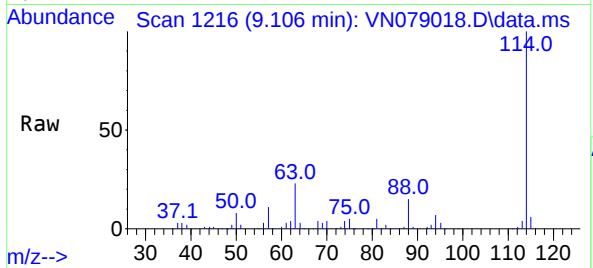




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079018.D
Acq: 23 Aug 2023 16:00

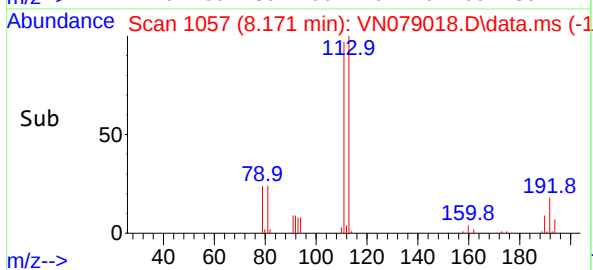
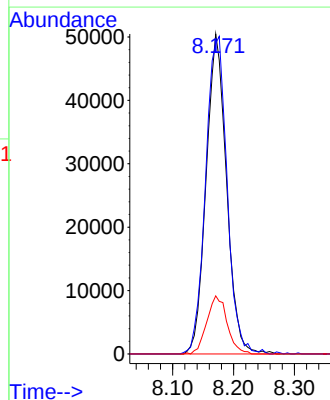
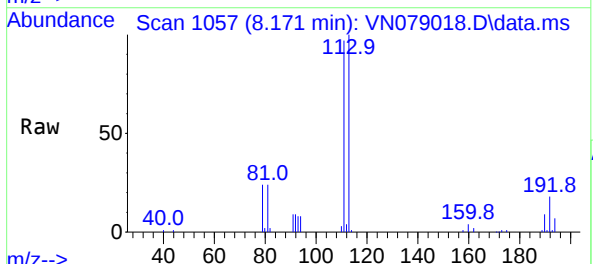
Instrument :
MSVOA_N
ClientSampleId :
TP-H

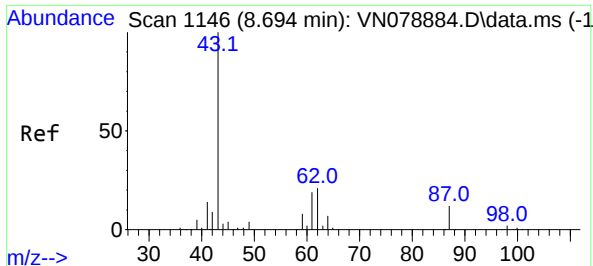
Tgt Ion:114 Resp: 334797
Ion Ratio Lower Upper
114 100
63 23.1 0.0 36.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.159 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079018.D
Acq: 23 Aug 2023 16:00

Tgt Ion:113 Resp: 117550
Ion Ratio Lower Upper
113 100
111 104.4 82.6 123.8
192 18.1 12.7 19.1

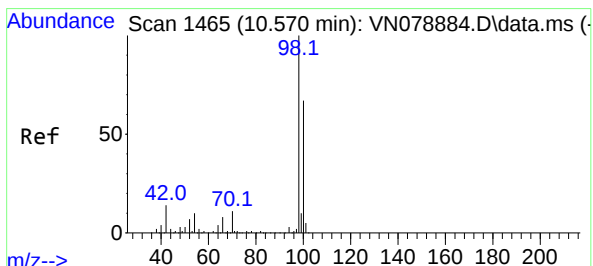
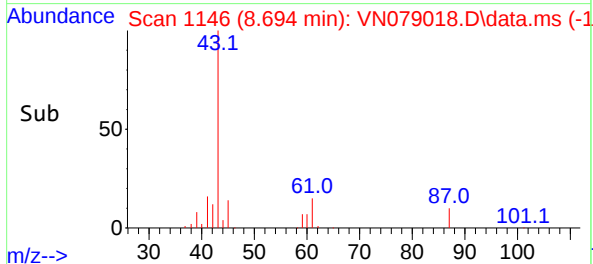
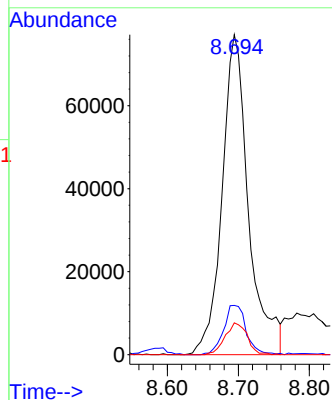
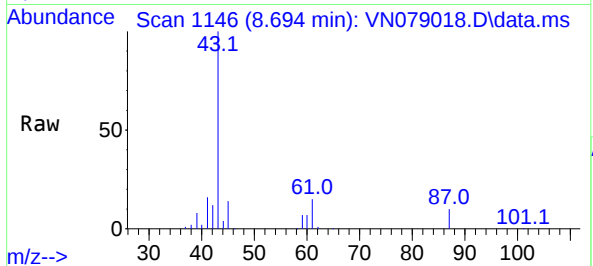




#43
Isopropyl Acetate
Concen: 29.741 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079018.D
Acq: 23 Aug 2023 16:00

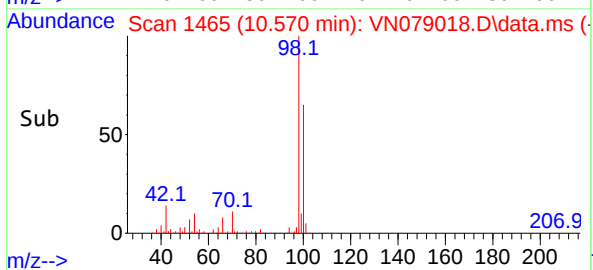
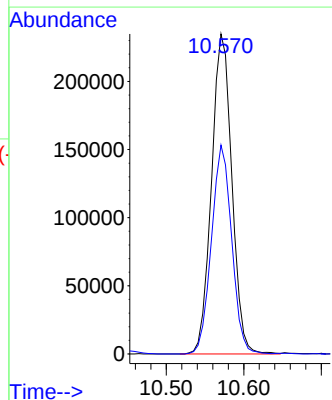
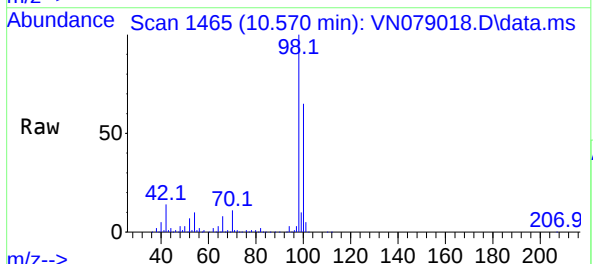
Instrument :
MSVOA_N
ClientSampleId :
TP-H

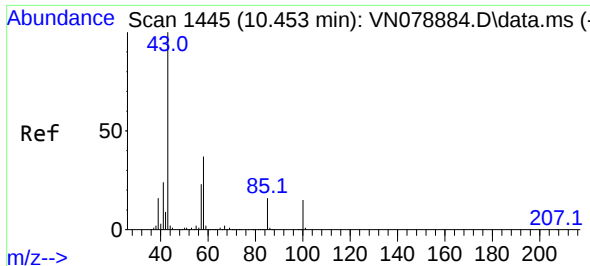
Tgt Ion: 43 Resp: 199392
Ion Ratio Lower Upper
43 100
61 13.2 24.7 37.1#
87 8.4 14.6 21.8#



#50
Toluene-d8
Concen: 51.146 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079018.D
Acq: 23 Aug 2023 16:00

Tgt Ion: 98 Resp: 427999
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 9.180 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN079018.D

Acq: 23 Aug 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

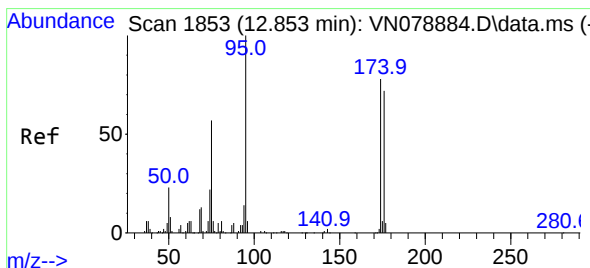
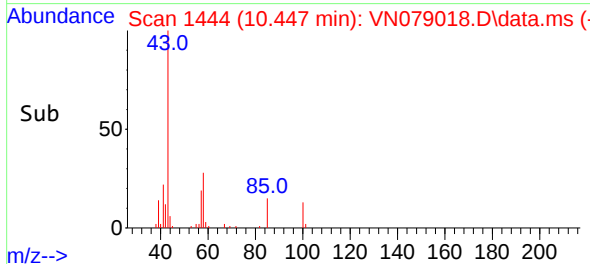
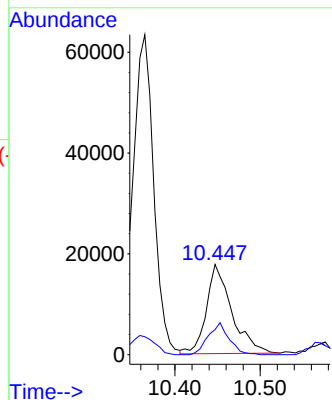
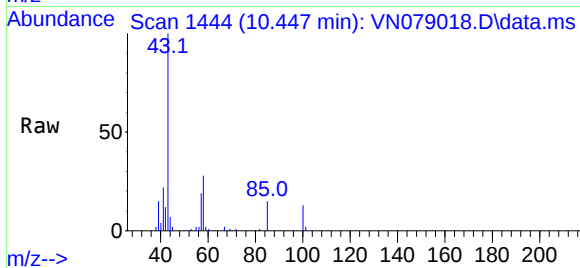
TP-H

Tgt Ion: 43 Resp: 36502

Ion Ratio Lower Upper

43 100

58 29.5 36.6 54.8#



#62

4-Bromofluorobenzene

Concen: 48.576 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079018.D

Acq: 23 Aug 2023 16:00

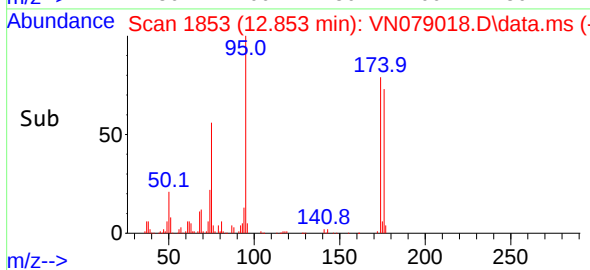
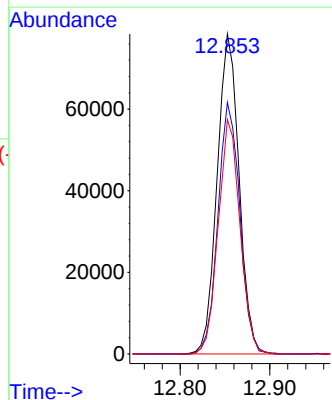
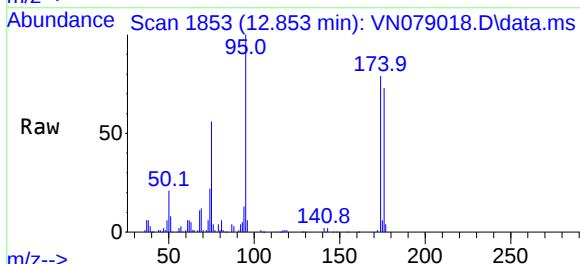
Tgt Ion: 95 Resp: 132865

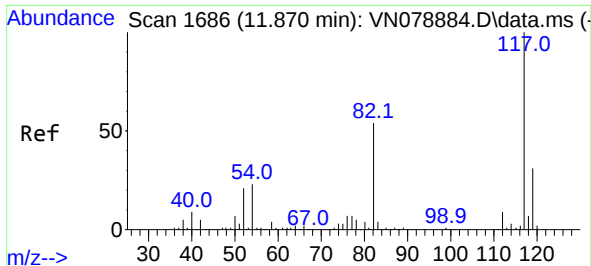
Ion Ratio Lower Upper

95 100

174 78.6 0.0 143.8

176 72.6 0.0 135.8

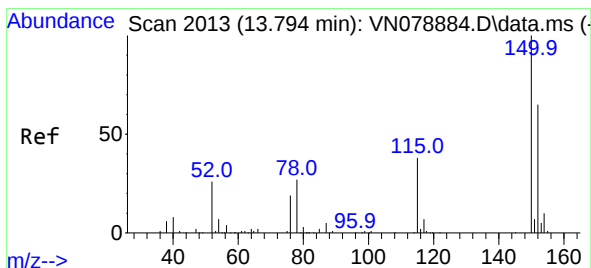
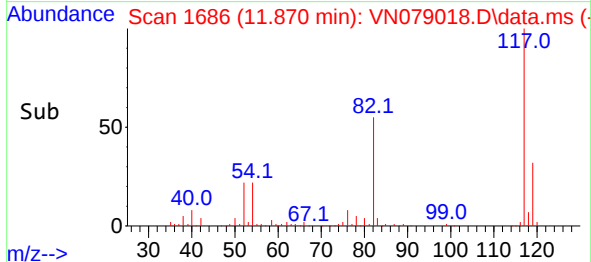
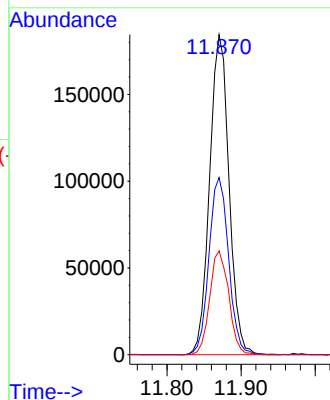
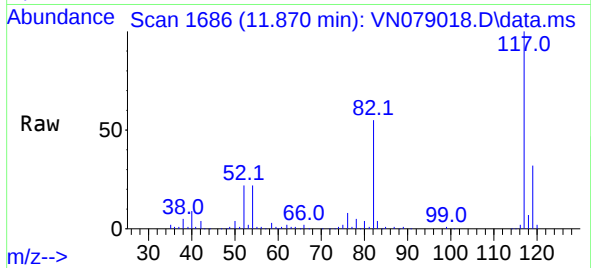




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN079018.D
Acq: 23 Aug 2023 16:00

Instrument :
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Tgt Ion:117 Resp: 335264
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079018.D
Acq: 23 Aug 2023 16:00

Tgt Ion:152 Resp: 99612
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 160.8 0.0 355.8

