

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN079002.D
 Acq On : 22 Aug 2023 18:24
 Operator : JC\MD
 Sample : 04090-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-L

Quant Time: Aug 23 03:06:58 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)

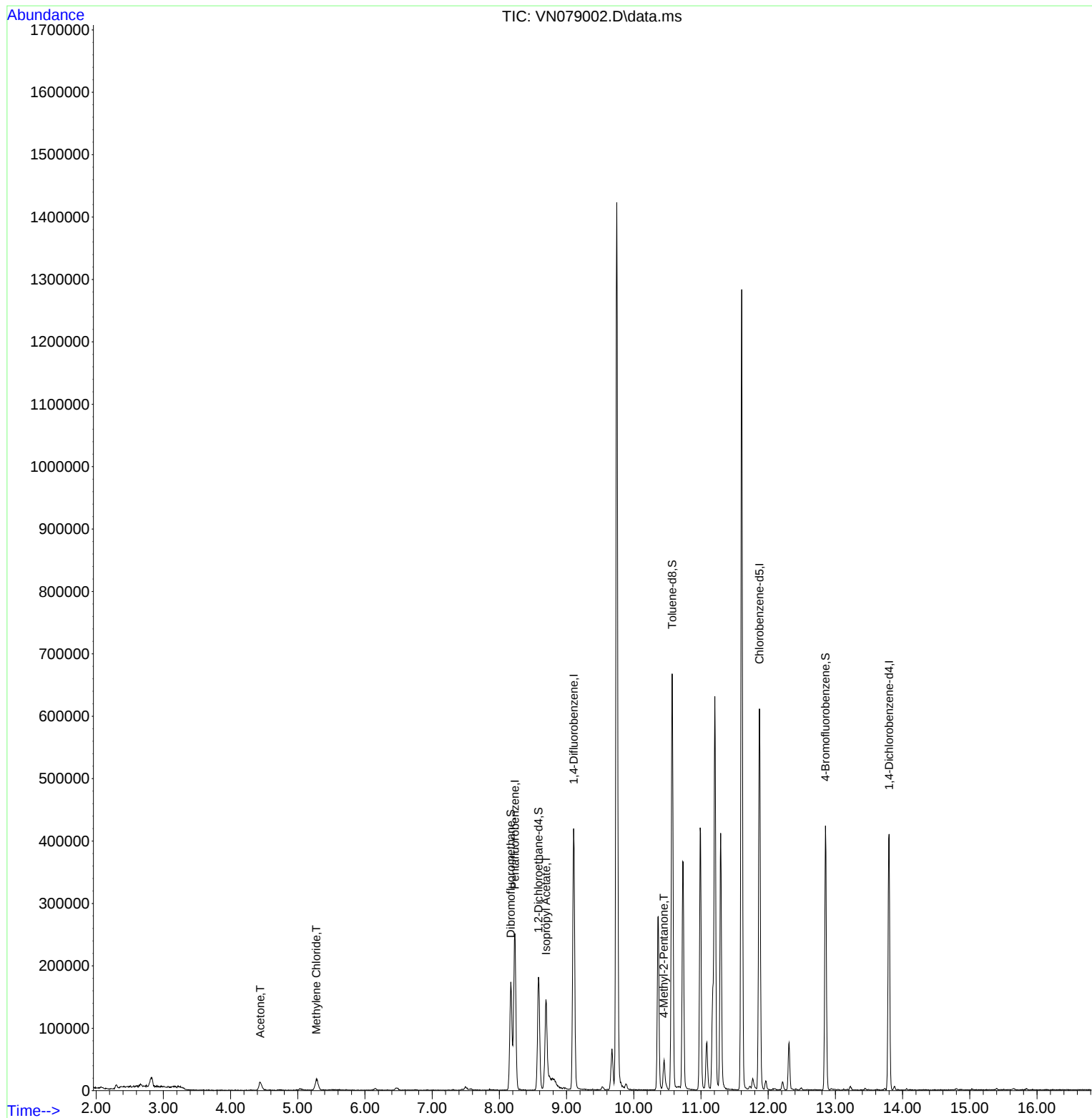
Internal Standards						
1) Pentafluorobenzene	8.230	168	180229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	350501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	348461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	109083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	142846	50.934	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.860%
35) Dibromofluoromethane	8.171	113	119677	50.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.440%
50) Toluene-d8	10.571	98	445330	50.833	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.660%
62) 4-Bromofluorobenzene	12.853	95	135715	47.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.780%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	25563	22.091	ug/l	91
20) Methylene Chloride	5.277	84	13268	5.380	ug/l #	78
43) Isopropyl Acetate	8.694	43	187816	26.760	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	40322	9.686	ug/l #	76

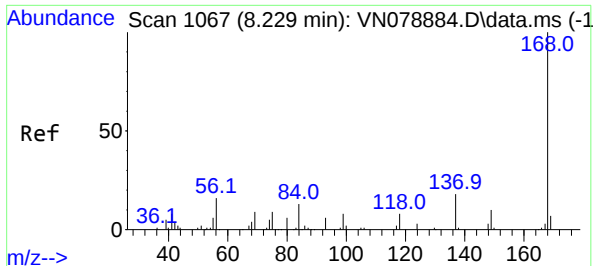
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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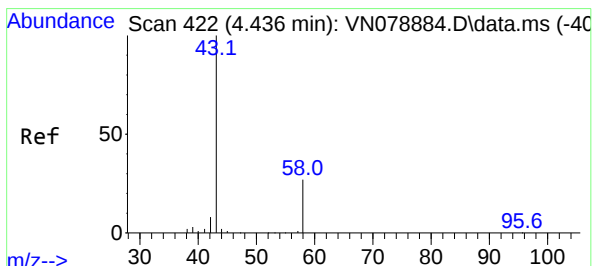
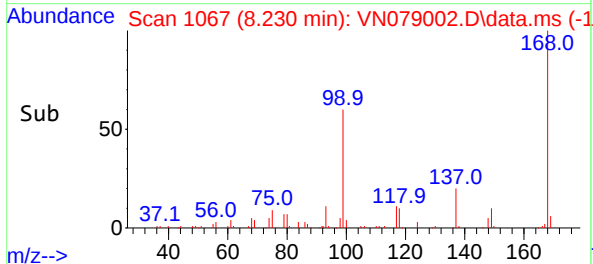
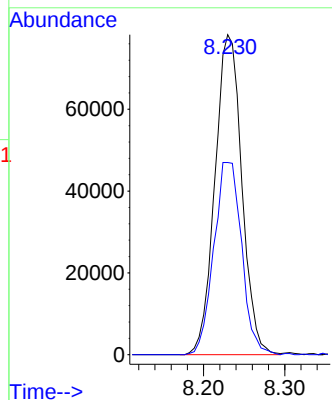
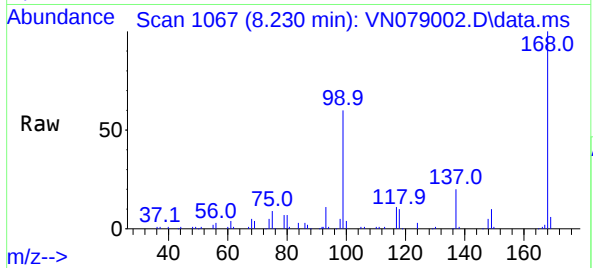




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079002.D
Acq: 22 Aug 2023 18:24

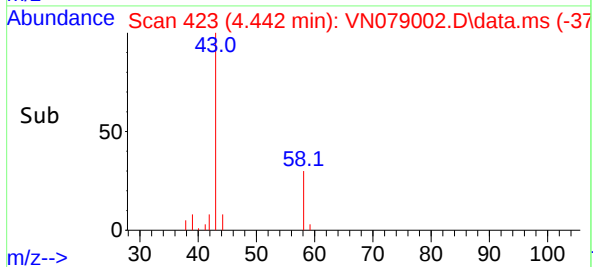
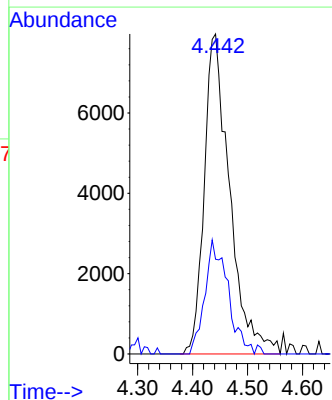
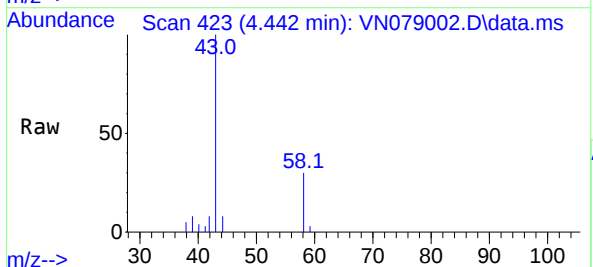
Instrument :
MSVOA_N
ClientSampleId :
TP-L

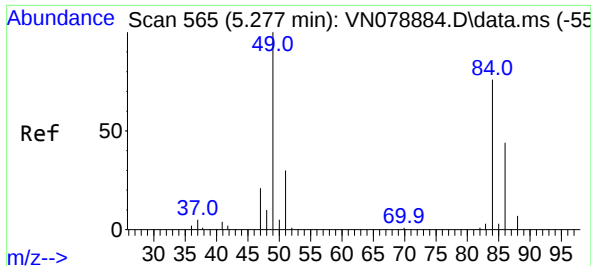
Tgt Ion:168 Resp: 180229
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#16
Acetone
Concen: 22.091 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079002.D
Acq: 22 Aug 2023 18:24

Tgt Ion: 43 Resp: 25563
Ion Ratio Lower Upper
43 100
58 29.6 28.0 42.0



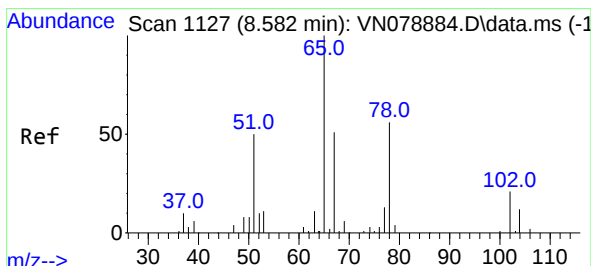
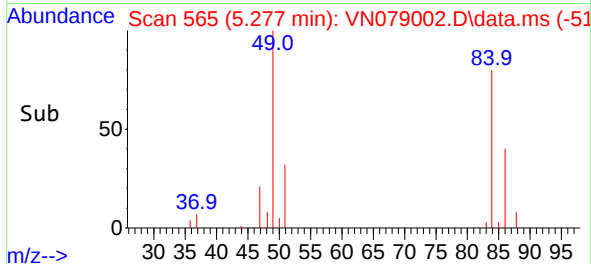
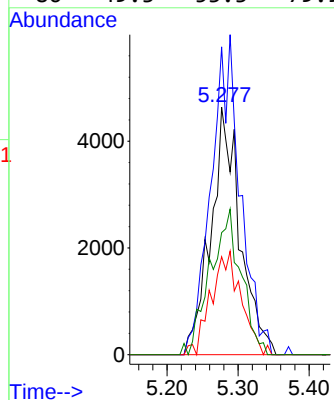
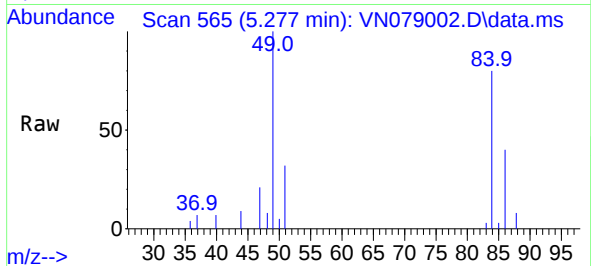


#20
Methylene Chloride
Concen: 5.380 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079002.D
Acq: 22 Aug 2023 18:24

Instrument :
MSVOA_N
ClientSampleId :
TP-L

Tgt Ion: 84 Resp: 13268

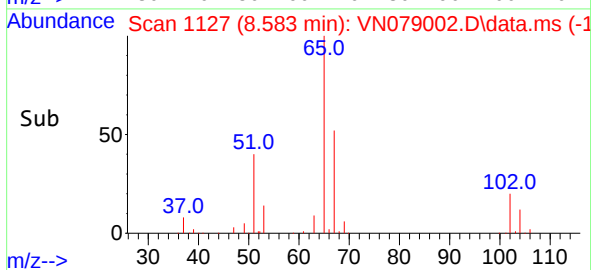
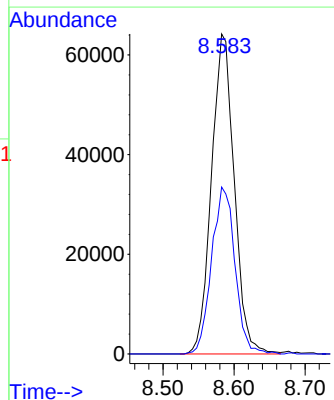
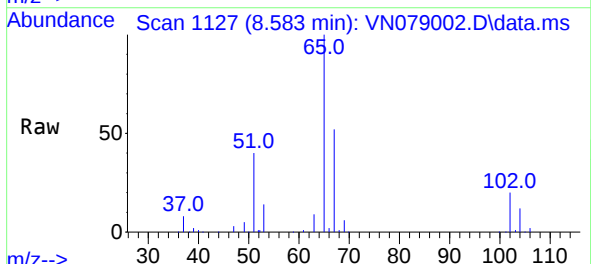
Ion	Ratio	Lower	Upper
84	100		
49	124.4	79.7	119.5#
51	39.6	25.2	37.8#
86	49.3	53.3	79.9#

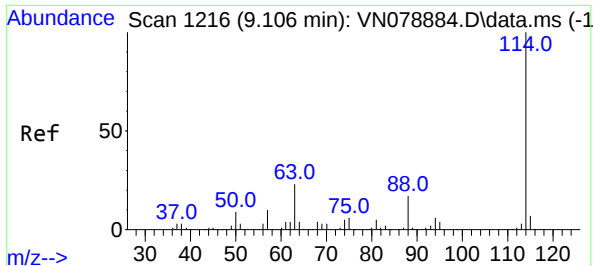


#33
1,2-Dichloroethane-d4
Concen: 50.934 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079002.D
Acq: 22 Aug 2023 18:24

Tgt Ion: 65 Resp: 142846

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.6

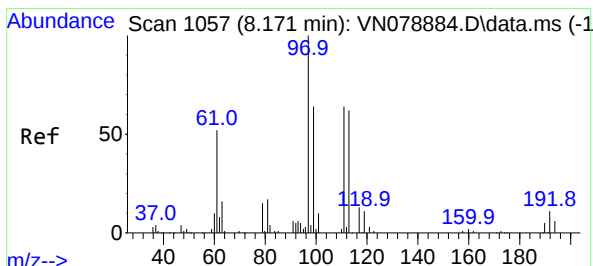
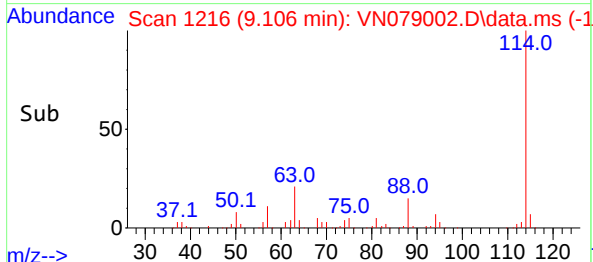
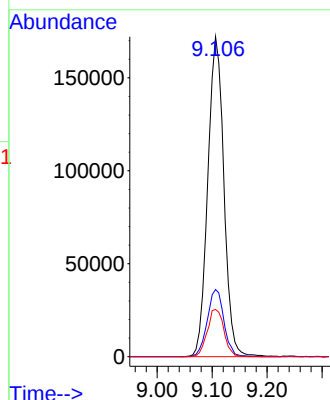
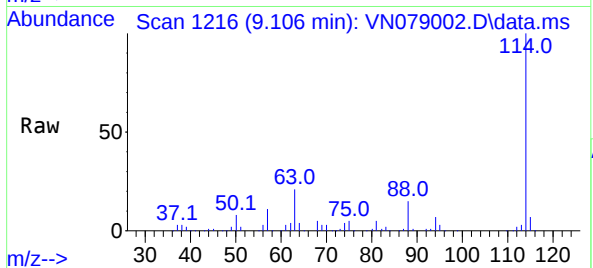




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079002.D
Acq: 22 Aug 2023 18:24

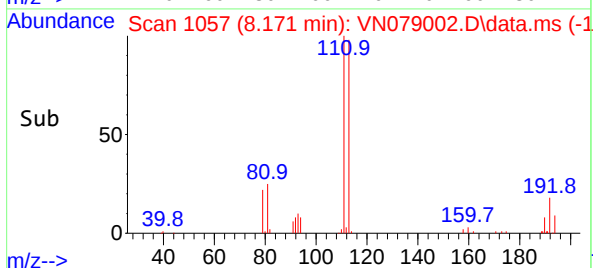
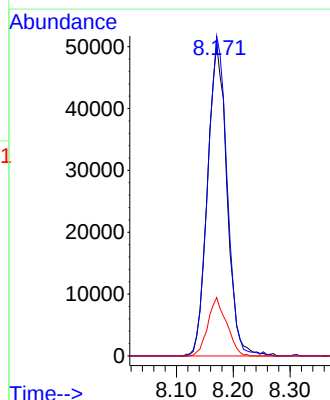
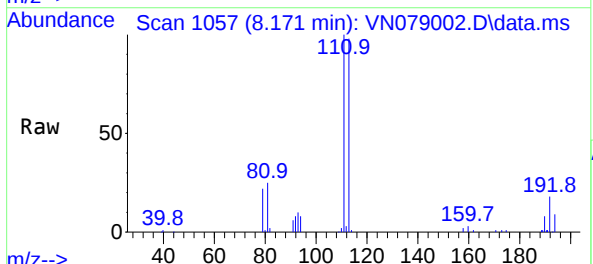
Instrument :
MSVOA_N
ClientSampleId :
TP-L

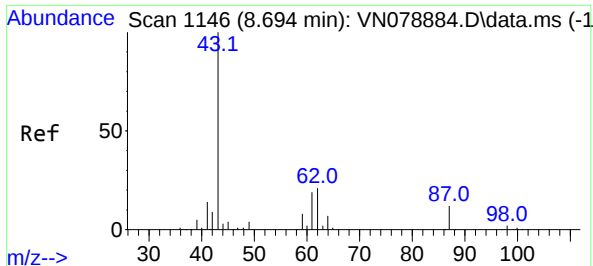
Tgt Ion:114 Resp: 350501
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.724 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079002.D
Acq: 22 Aug 2023 18:24

Tgt Ion:113 Resp: 119677
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 18.0 12.7 19.1

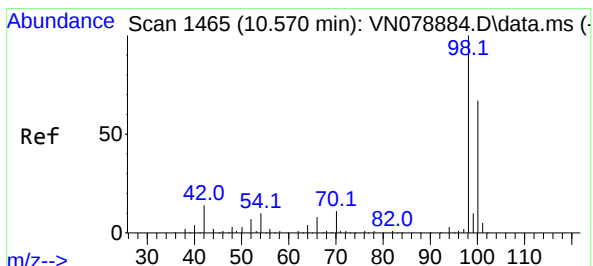
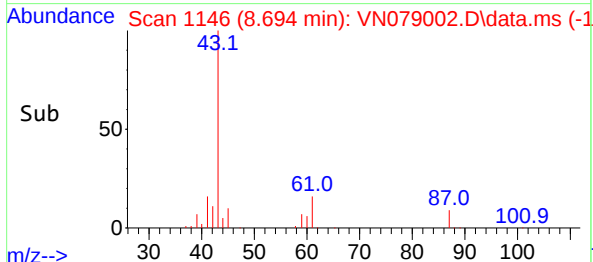
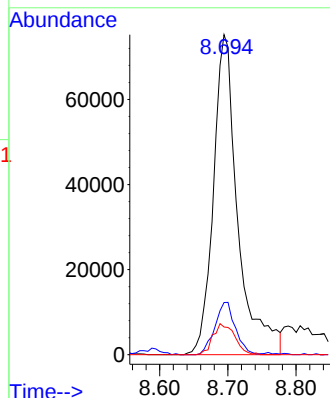
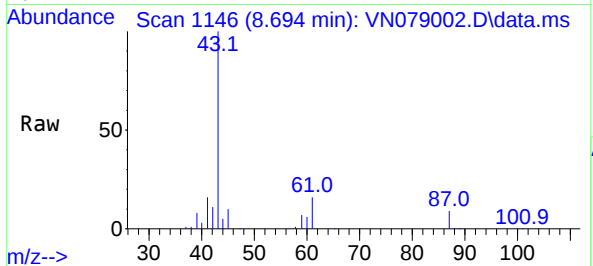




#43
Isopropyl Acetate
Concen: 26.760 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079002.D
Acq: 22 Aug 2023 18:24

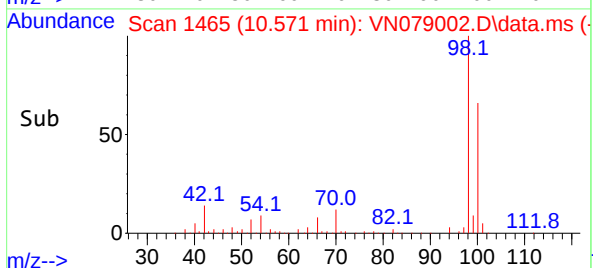
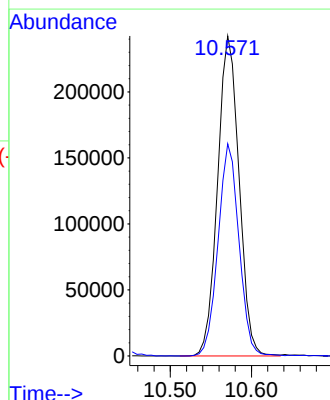
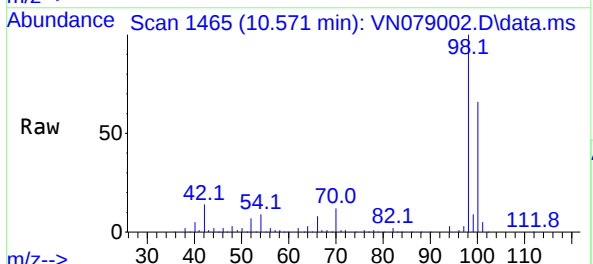
Instrument :
MSVOA_N
ClientSampleId :
TP-L

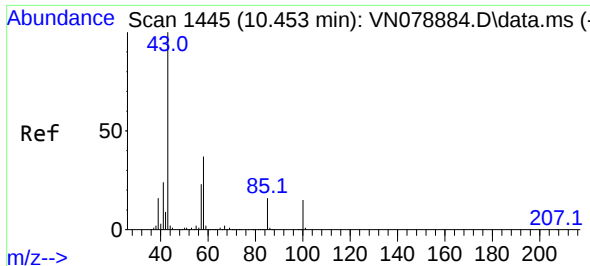
Tgt Ion: 43 Resp: 187816
Ion Ratio Lower Upper
43 100
61 13.8 24.7 37.1#
87 8.6 14.6 21.8#



#50
Toluene-d8
Concen: 50.833 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079002.D
Acq: 22 Aug 2023 18:24

Tgt Ion: 98 Resp: 445330
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

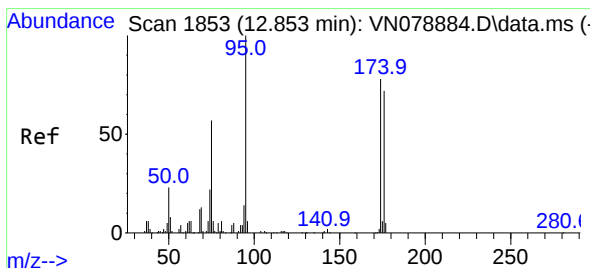
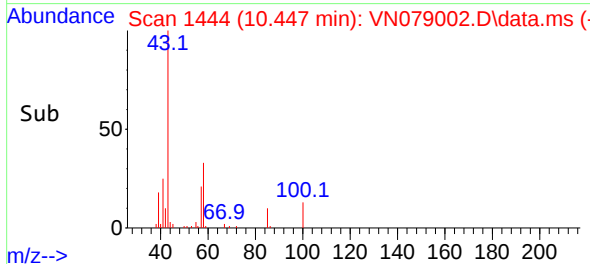
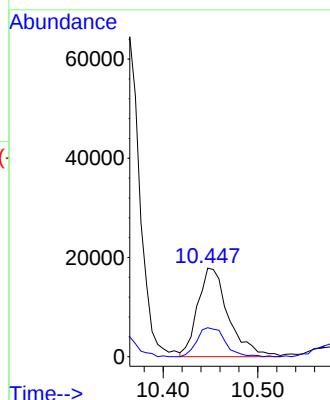
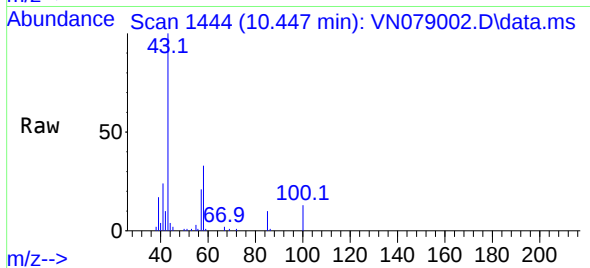




#51
4-Methyl-2-Pentanone
Concen: 9.686 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079002.D
Acq: 22 Aug 2023 18:24

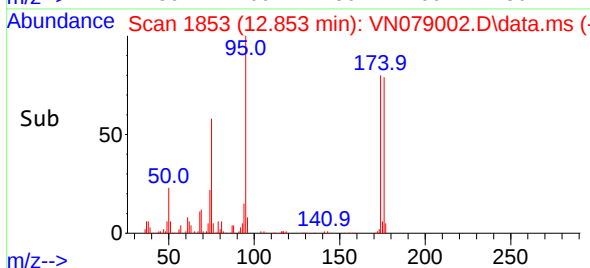
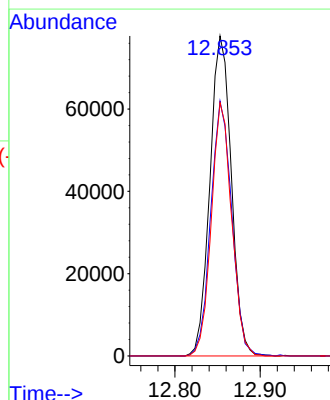
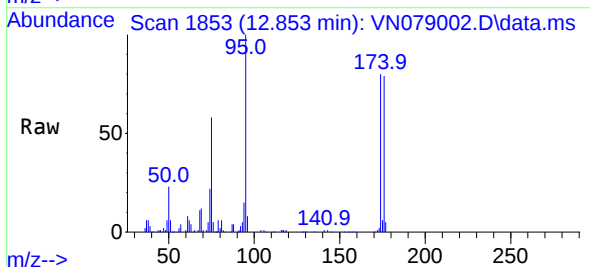
Instrument :
MSVOA_N
ClientSampleId :
TP-L

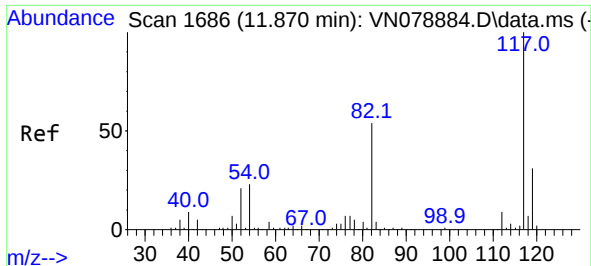
Tgt Ion: 43 Resp: 40322
Ion Ratio Lower Upper
43 100
58 29.9 36.6 54.8#



#62
4-Bromofluorobenzene
Concen: 47.395 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079002.D
Acq: 22 Aug 2023 18:24

Tgt Ion: 95 Resp: 135715
Ion Ratio Lower Upper
95 100
174 78.4 0.0 143.8
176 75.2 0.0 135.8

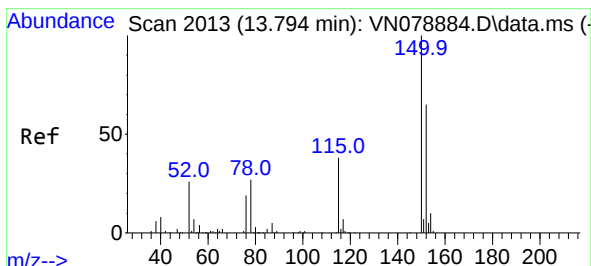
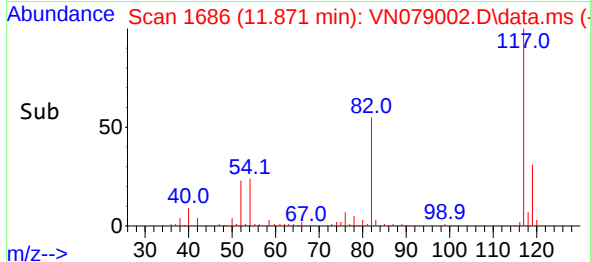
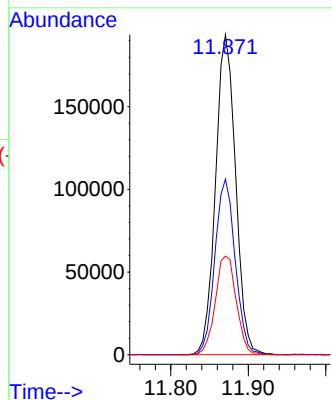
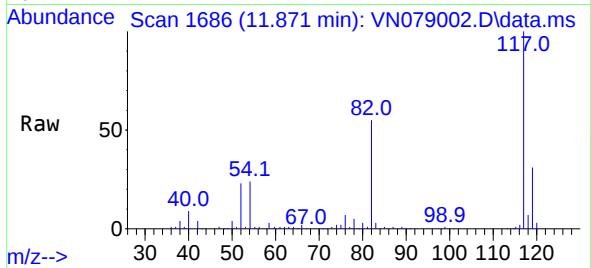




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079002.D
Acq: 22 Aug 2023 18:24

Instrument :
MSVOA_N
ClientSampleId :
TP-L

Tgt Ion:117 Resp: 348461
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 30.8 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: VN079002.D
Acq: 22 Aug 2023 18:24

Tgt Ion:152 Resp: 109083
Ion Ratio Lower Upper
152 100
115 57.4 32.3 96.8
150 153.1 0.0 355.8

