

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011723\
 Data File : VN076281.D
 Acq On : 17 Jan 2023 15:36
 Operator : JC\MD
 Sample : 01172-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-F

Quant Time: Jan 18 00:56:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

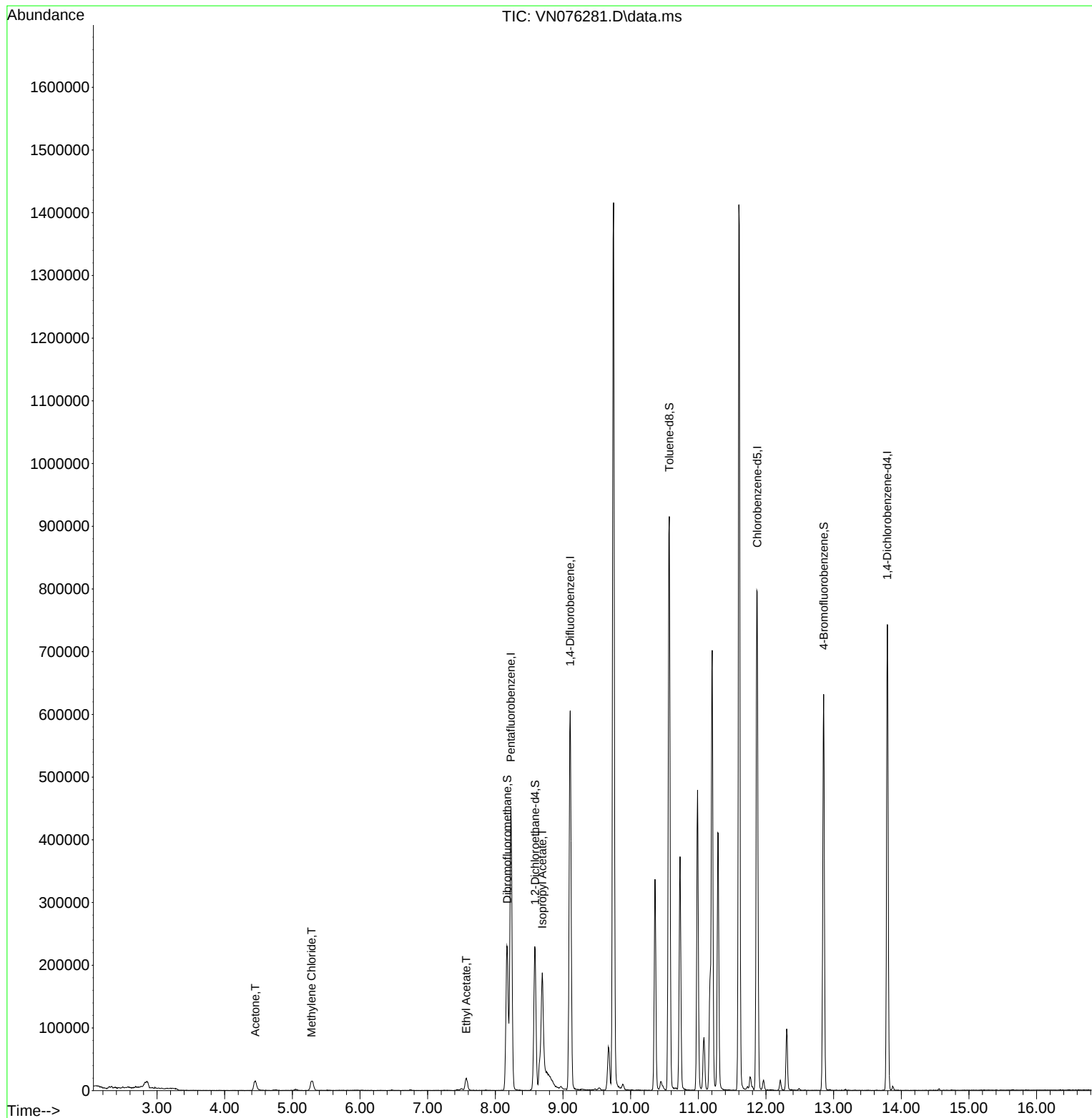
Internal Standards						
1) Pentafluorobenzene	8.230	168	340097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	561733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	496701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	189531	49.772	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.540%
35) Dibromofluoromethane	8.177	113	166926	47.505	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.000%
50) Toluene-d8	10.571	98	653210	50.335	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.853	95	206796	48.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.620%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	30309	24.762	ug/l	94
20) Methylene Chloride	5.283	84	13621	3.207	ug/l #	89
37) Ethyl Acetate	7.571	43	28682	7.193	ug/l #	95
43) Isopropyl Acetate	8.694	43	271200	41.625	ug/l #	74

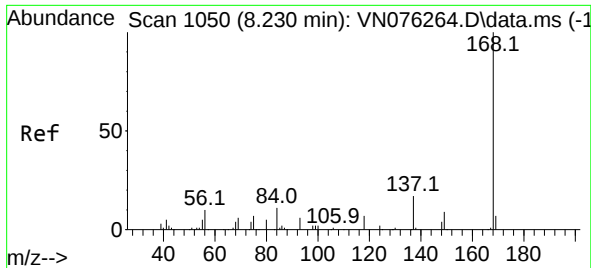
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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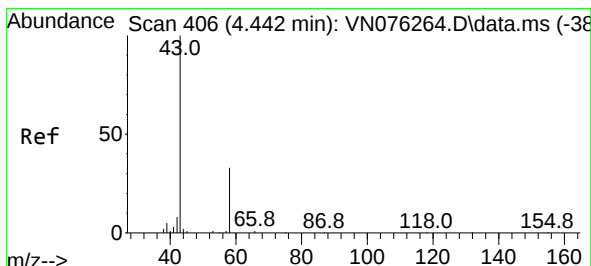
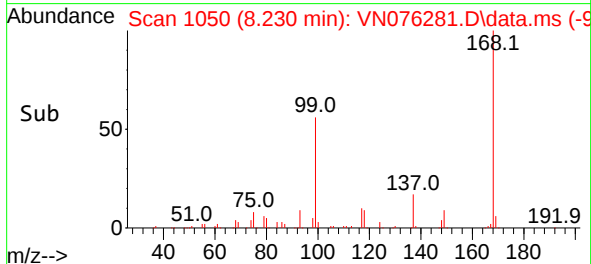
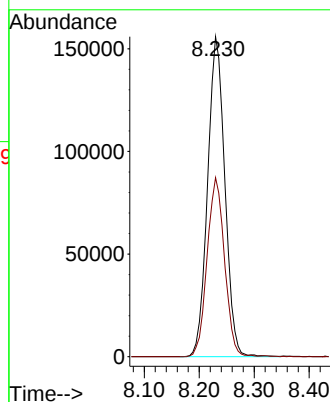
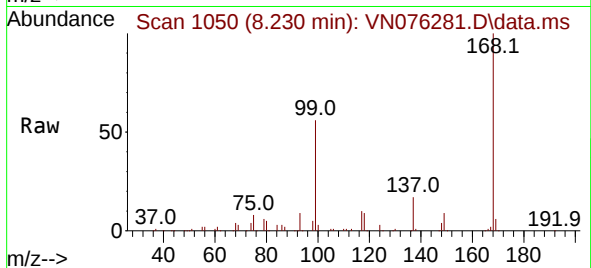




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076281.D
Acq: 17 Jan 2023 15:36

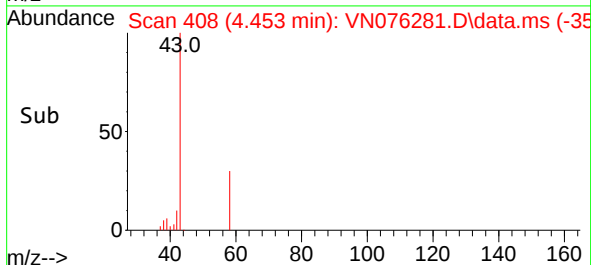
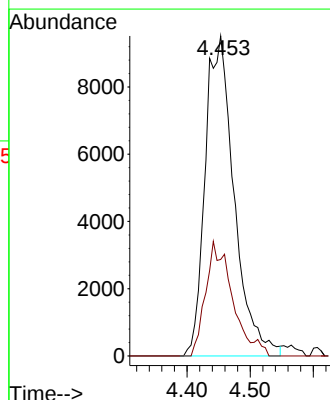
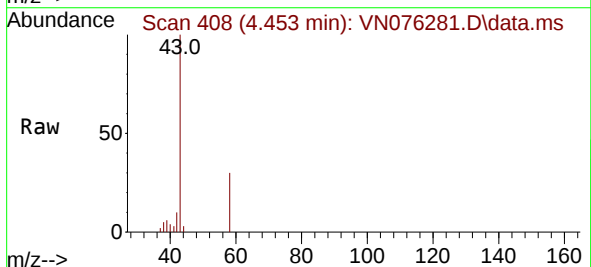
Instrument :
MSVOA_N
ClientSampleId :
TP-F

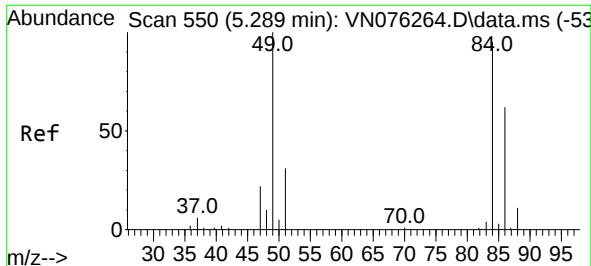
Tgt Ion:168 Resp: 340097
Ion Ratio Lower Upper
168 100
99 56.0 41.6 62.4



#16
Acetone
Concen: 24.762 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN076281.D
Acq: 17 Jan 2023 15:36

Tgt Ion: 43 Resp: 30309
Ion Ratio Lower Upper
43 100
58 30.1 26.7 40.1

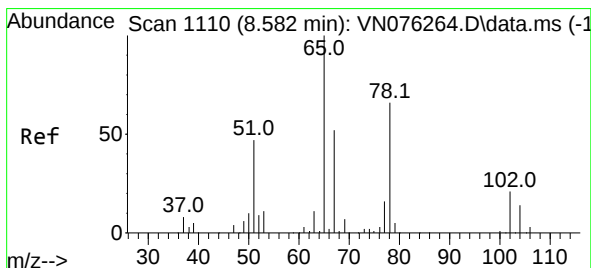
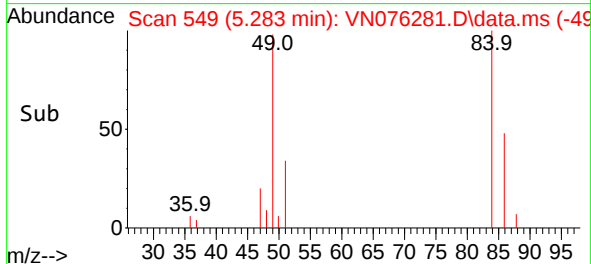
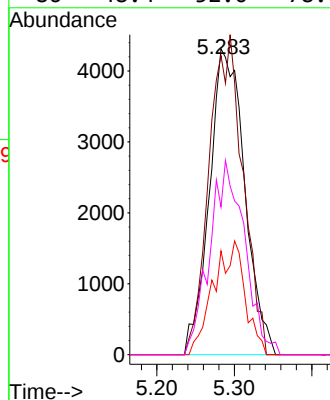
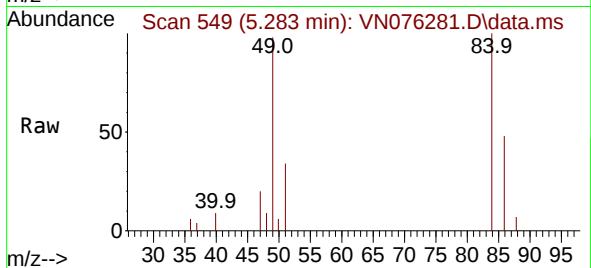




#20
Methylene Chloride
Concen: 3.207 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076281.D
Acq: 17 Jan 2023 15:36

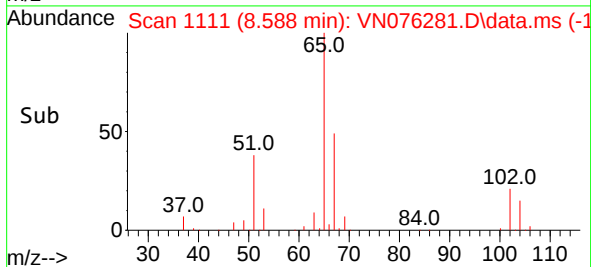
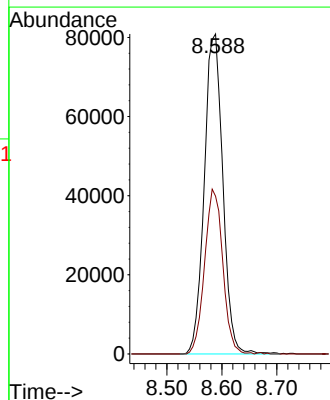
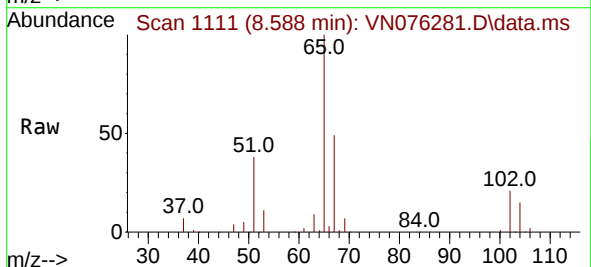
Instrument :
MSVOA_N
ClientSampleId :
TP-F

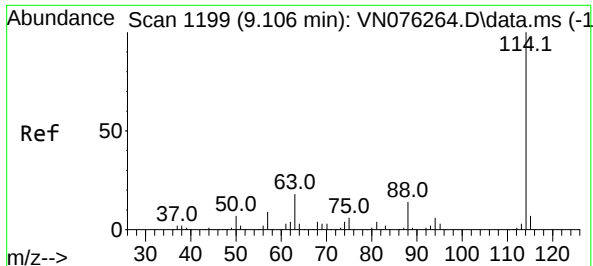
Tgt Ion:	84	Resp:	13621
Ion	Ratio	Lower	Upper
84	100		
49	97.8	84.5	126.7
51	33.9	26.0	39.0
86	48.4	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 49.772 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076281.D
Acq: 17 Jan 2023 15:36

Tgt Ion:	65	Resp:	189531
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076281.D

Acq: 17 Jan 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

TP-F

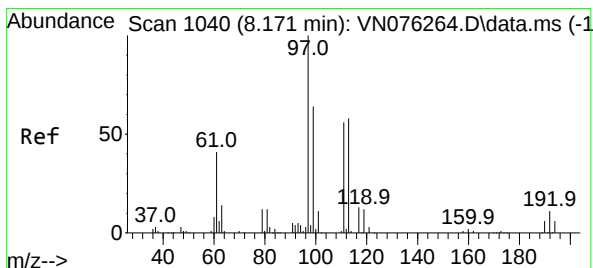
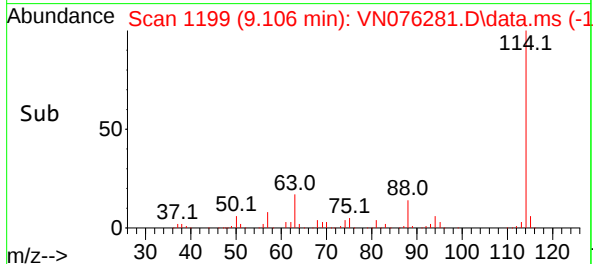
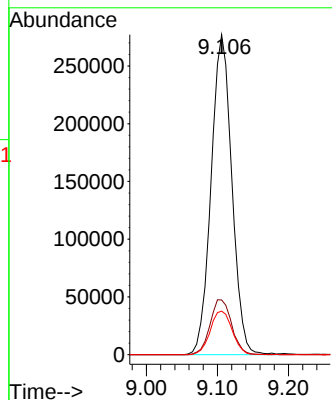
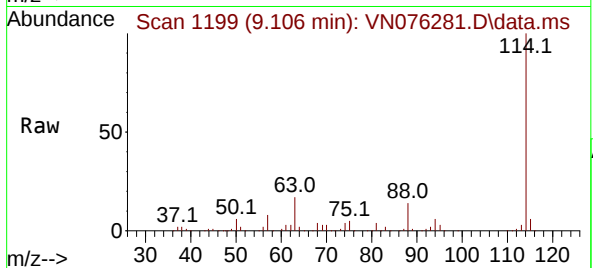
Tgt Ion:114 Resp: 561733

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.8

88 13.6 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.505 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076281.D

Acq: 17 Jan 2023 15:36

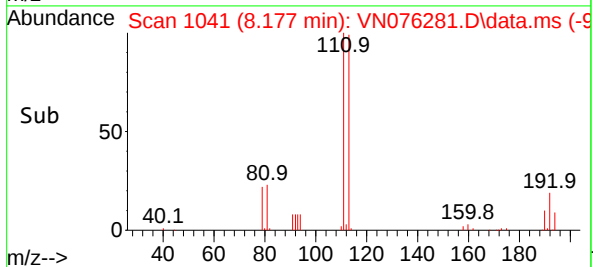
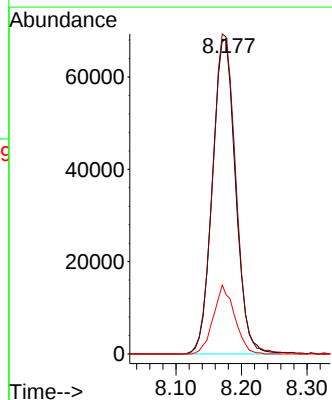
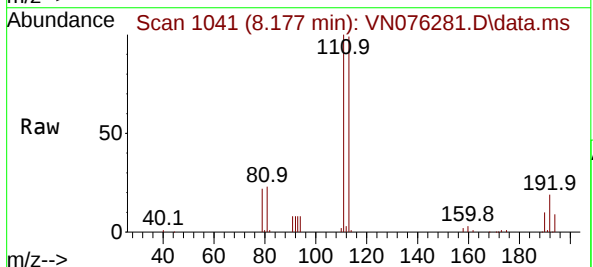
Tgt Ion:113 Resp: 166926

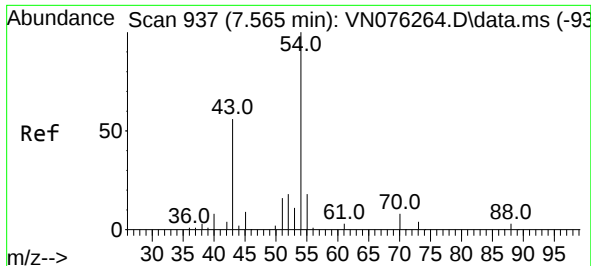
Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

192 20.1 15.6 23.4

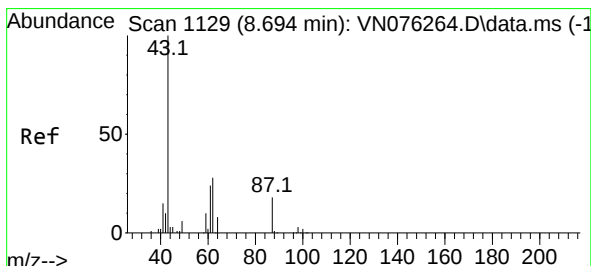
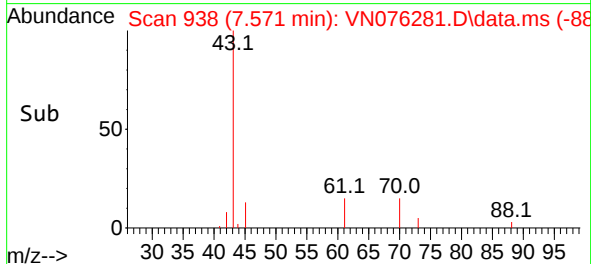
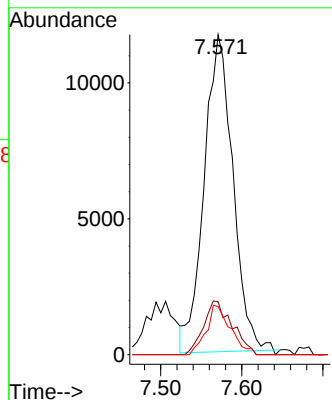
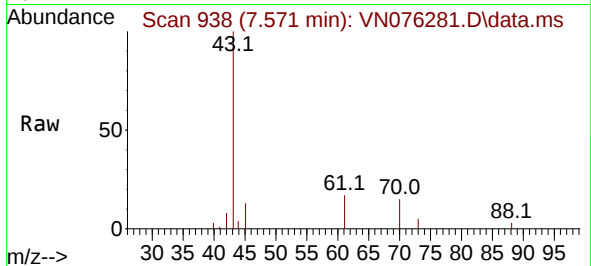




#37
Ethyl Acetate
Concen: 7.193 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076281.D
Acq: 17 Jan 2023 15:36

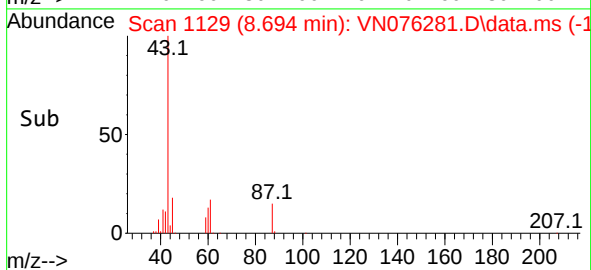
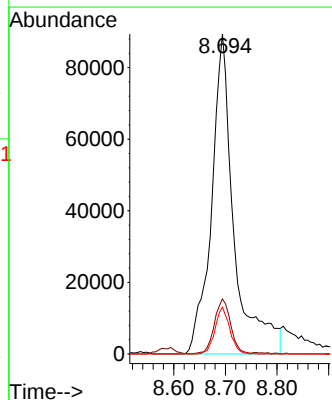
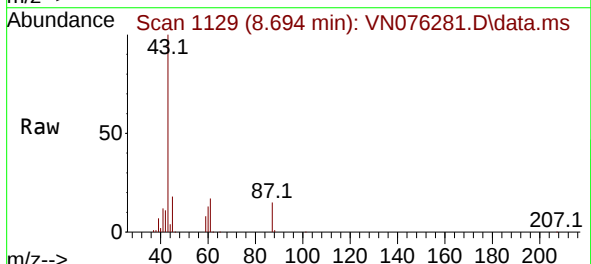
Instrument :
MSVOA_N
ClientSampleId :
TP-F

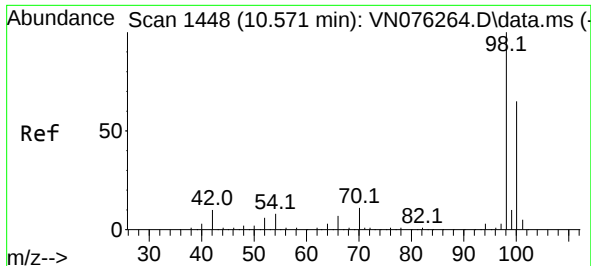
Tgt Ion: 43 Resp: 28682
Ion Ratio Lower Upper
43 100
61 16.9 11.1 16.7#
70 13.1 10.0 15.0



#43
Isopropyl Acetate
Concen: 41.625 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076281.D
Acq: 17 Jan 2023 15:36

Tgt Ion: 43 Resp: 271200
Ion Ratio Lower Upper
43 100
61 12.4 23.5 35.3#
87 9.5 13.8 20.6#

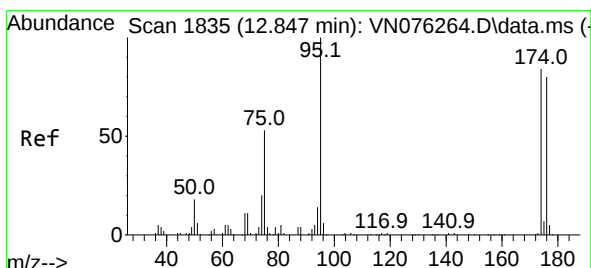
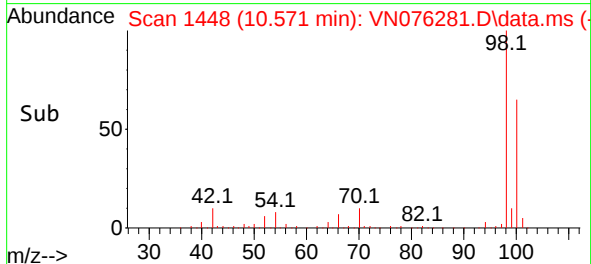
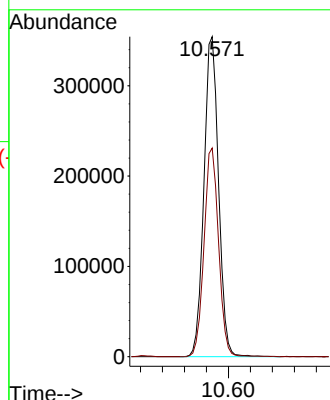
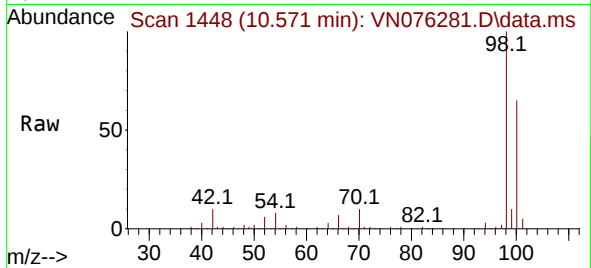




#50
Toluene-d8
Concen: 50.335 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076281.D
Acq: 17 Jan 2023 15:36

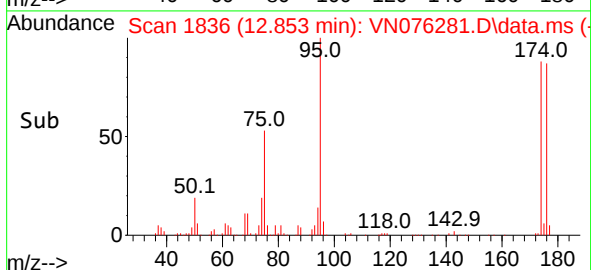
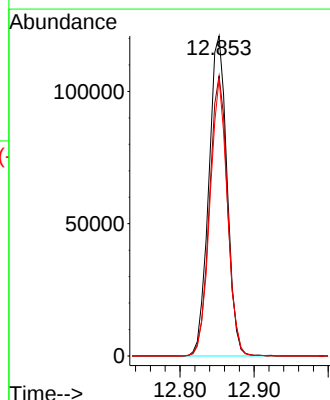
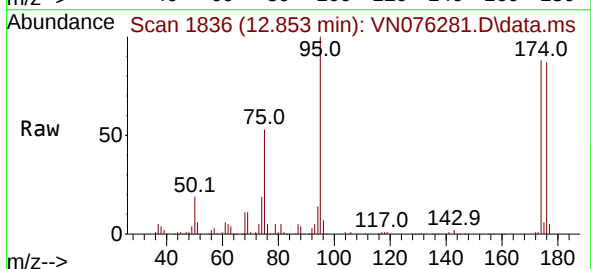
Instrument :
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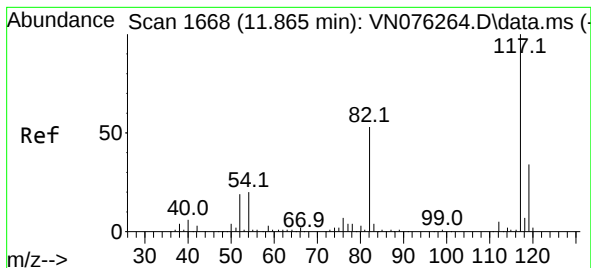
Tgt Ion: 98 Resp: 653210
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.814 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076281.D
Acq: 17 Jan 2023 15:36

Tgt Ion: 95 Resp: 206796
Ion Ratio Lower Upper
95 100
174 86.2 0.0 174.6
176 82.8 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076281.D

Acq: 17 Jan 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

TP-F

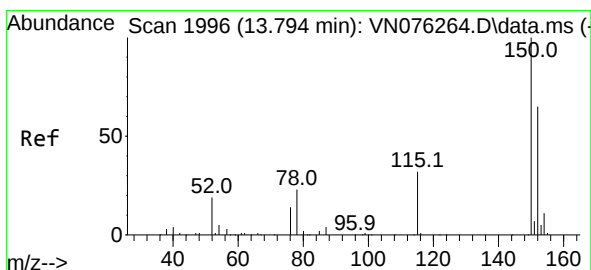
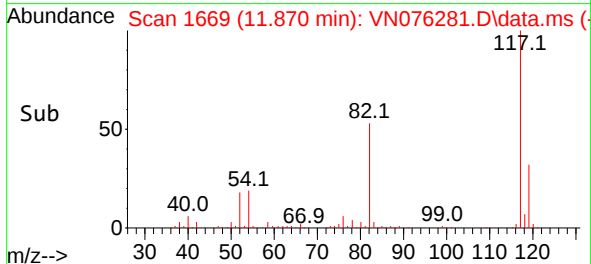
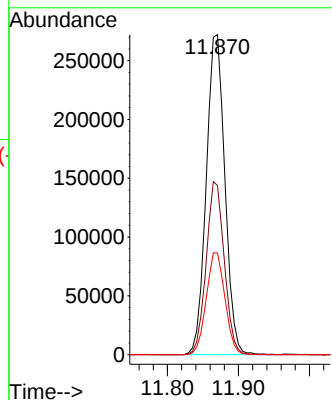
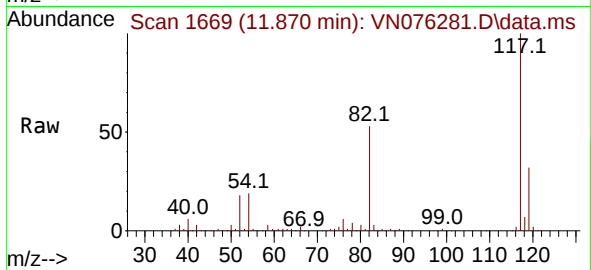
Tgt Ion:117 Resp: 496701

Ion Ratio Lower Upper

117 100

82 52.9 42.2 63.2

119 31.8 26.9 40.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076281.D

Acq: 17 Jan 2023 15:36

Tgt Ion:152 Resp: 209660

Ion Ratio Lower Upper

152 100

115 57.2 29.6 88.9

150 157.9 0.0 351.4

