

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092523\
 Data File : VN079341.D
 Acq On : 25 Sep 2023 13:20
 Operator : JC\MD
 Sample : 04531-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-BCD

Quant Time: Sep 26 06:19:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

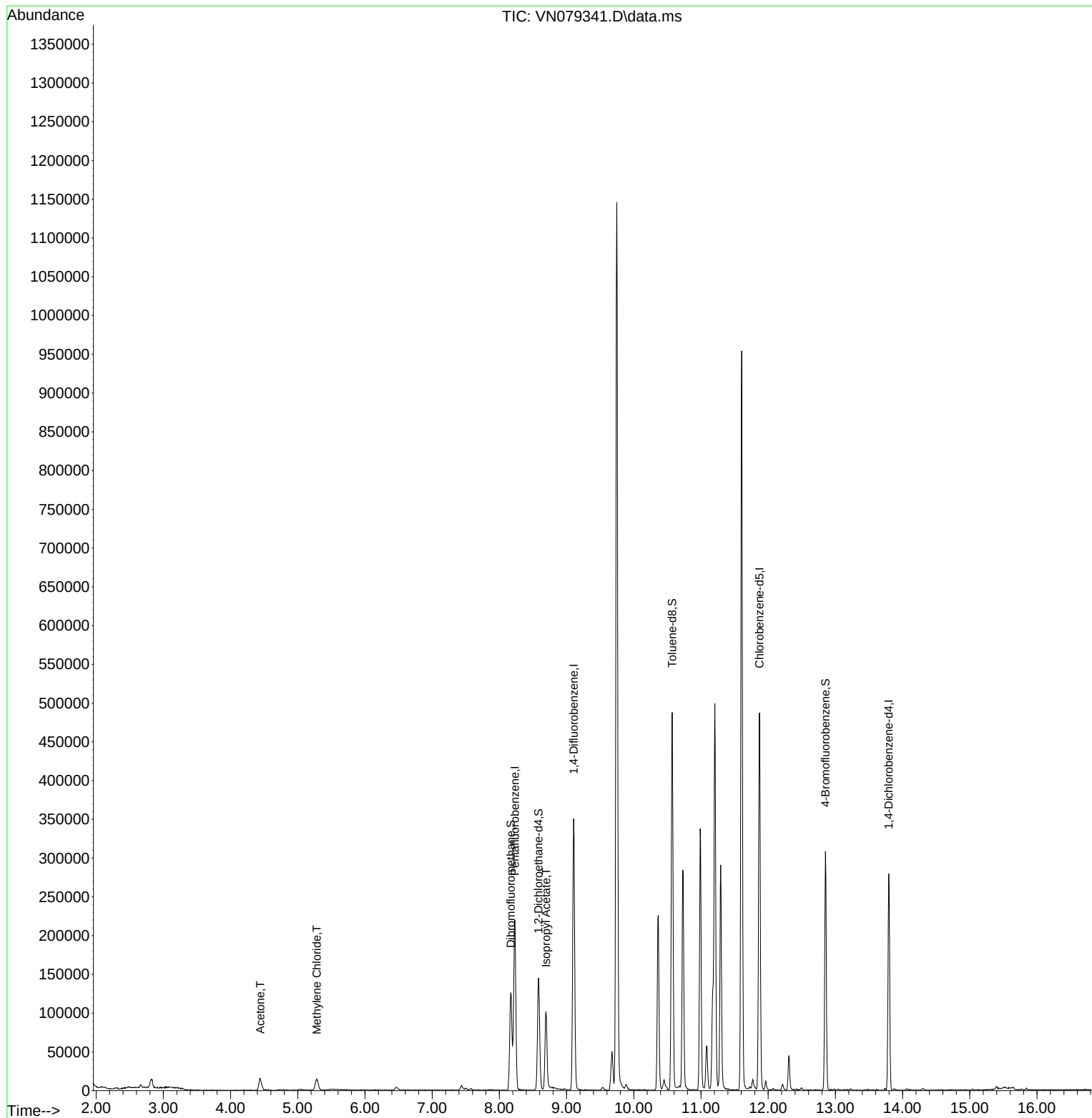
Internal Standards						
1) Pentafluorobenzene	8.230	168	154782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	270742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116066	55.550	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.100%
35) Dibromofluoromethane	8.171	113	91439	47.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	10.571	98	322330	45.307	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.620%
62) 4-Bromofluorobenzene	12.853	95	98838	43.554	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.100%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	28676	32.315	ug/l #	86
20) Methylene Chloride	5.283	84	11049	5.117	ug/l #	77
43) Isopropyl Acetate	8.694	43	116472	23.963	ug/l #	80

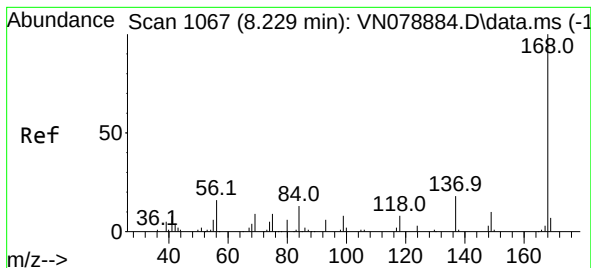
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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ClientSampleId :

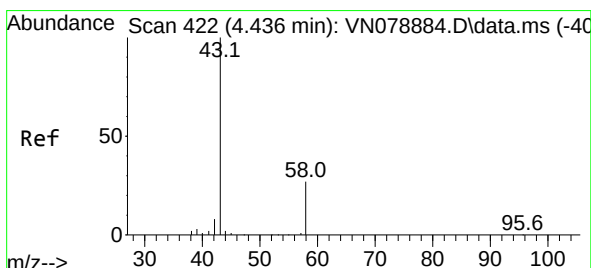
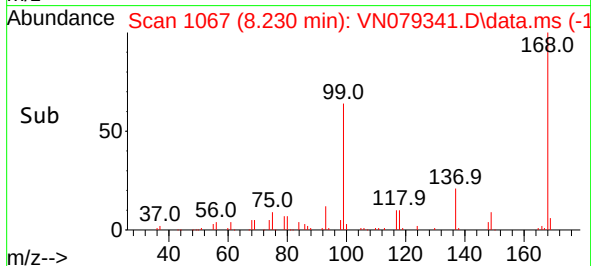
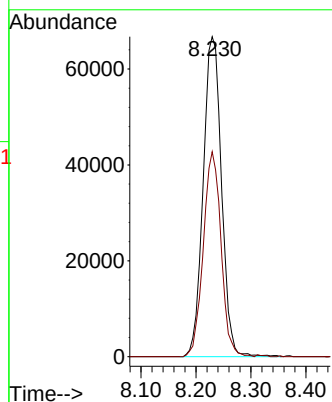
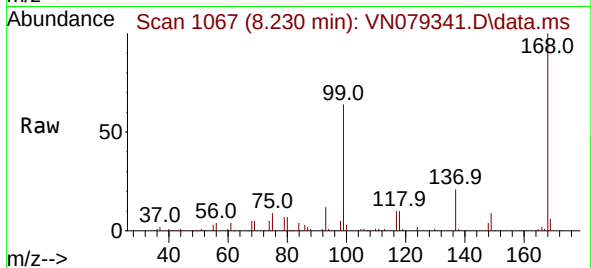
TP-BCD

Tgt Ion:168 Resp: 154782

Ion Ratio Lower Upper

168 100

99 64.1 53.0 79.6



#16

Acetone

Concen: 32.315 ug/l

RT: 4.442 min Scan# 423

Delta R.T. -0.000 min

Lab File: VN079341.D

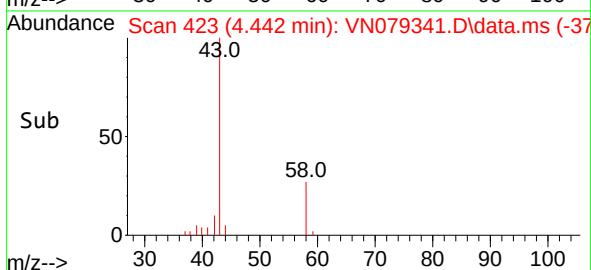
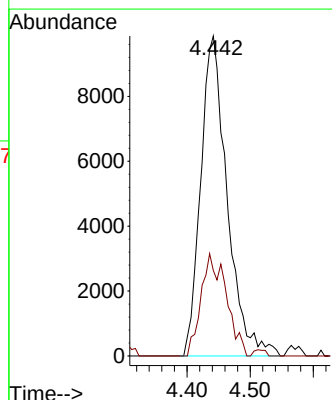
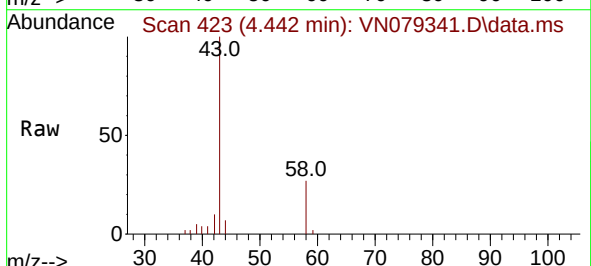
Acq: 25 Sep 2023 13:20

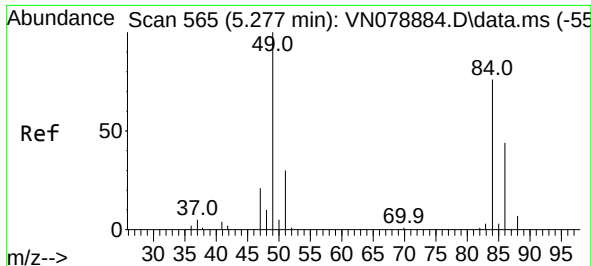
Tgt Ion: 43 Resp: 28676

Ion Ratio Lower Upper

43 100

58 26.7 28.0 42.0#

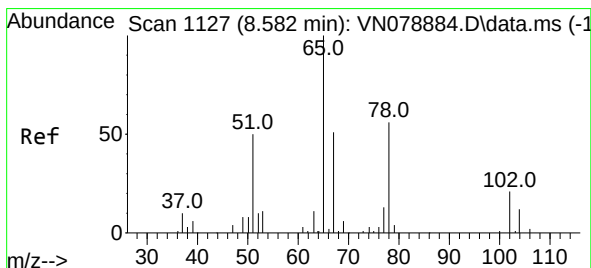
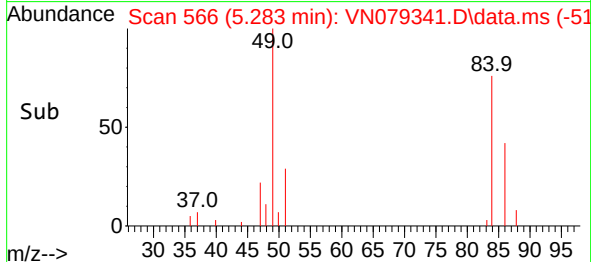
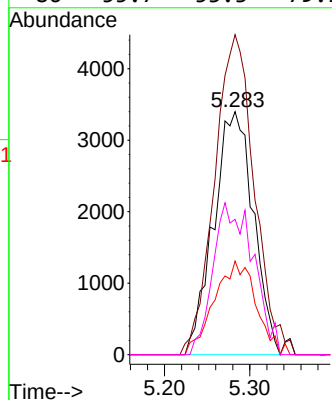
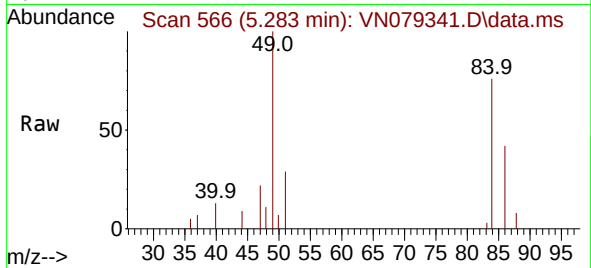




#20
Methylene Chloride
Concen: 5.117 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079341.D
Acq: 25 Sep 2023 13:20

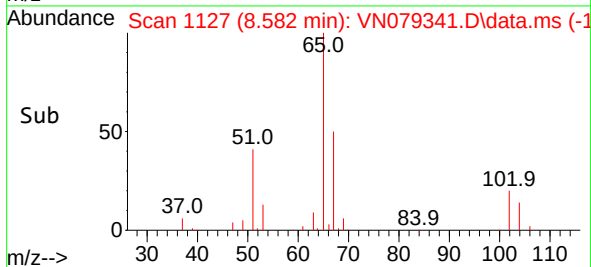
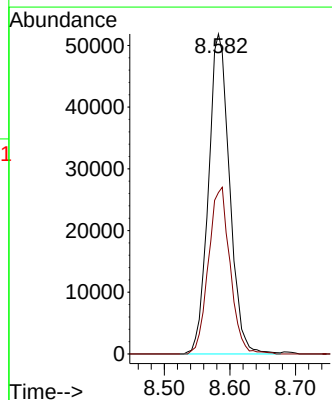
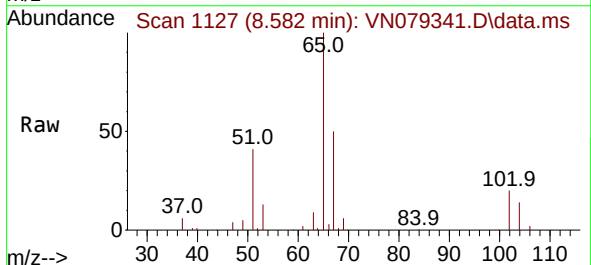
Instrument :
MSVOA_N
ClientSampleId :
TP-BCD

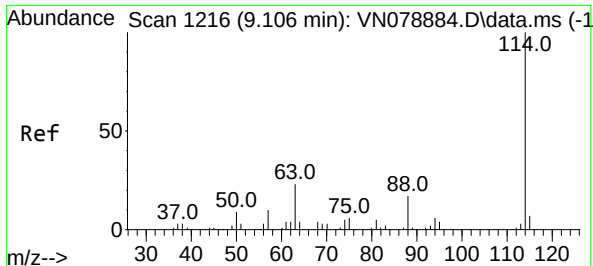
Tgt Ion: 84	Resp: 11049
Ion Ratio	Lower Upper
84	100
49	131.6 79.7 119.5#
51	38.5 25.2 37.8#
86	55.7 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 55.550 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079341.D
Acq: 25 Sep 2023 13:20

Tgt Ion: 65	Resp: 116066
Ion Ratio	Lower Upper
65	100
67	53.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079341.D

Acq: 25 Sep 2023 13:20

Instrument :

MSVOA_N

ClientSampleId :

TP-BCD

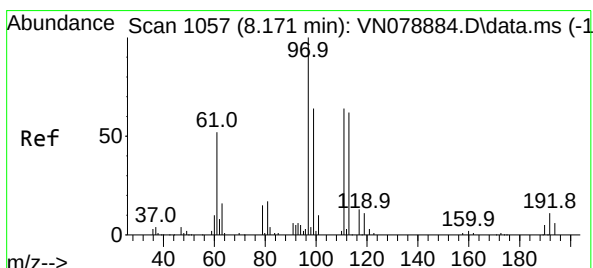
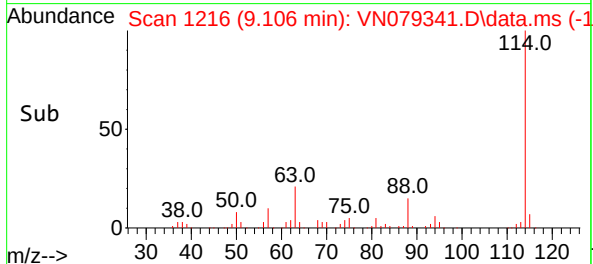
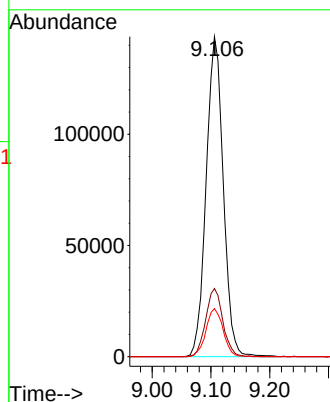
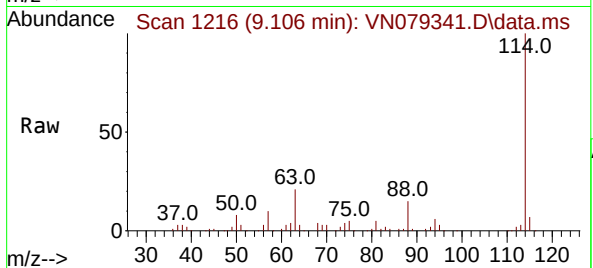
Tgt Ion:114 Resp: 291278

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.194 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079341.D

Acq: 25 Sep 2023 13:20

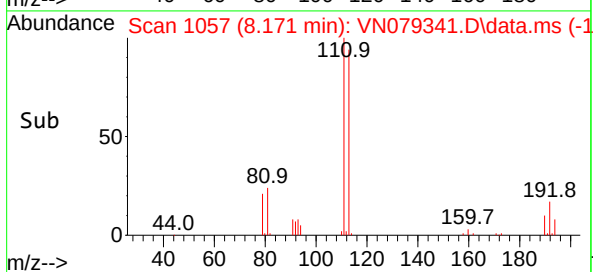
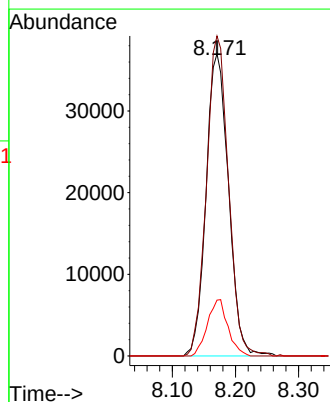
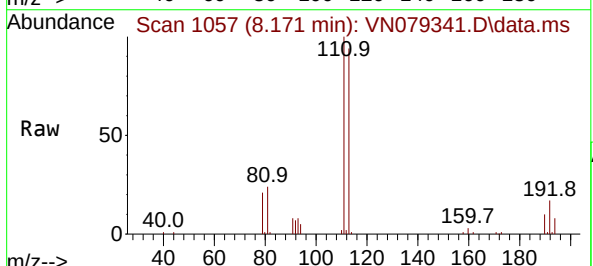
Tgt Ion:113 Resp: 91439

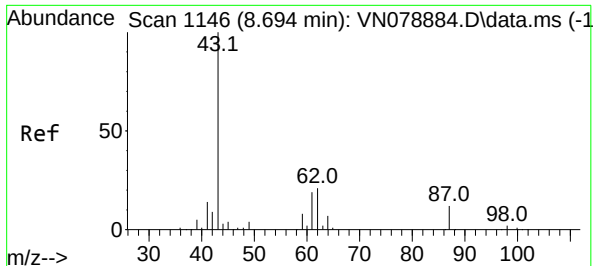
Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 17.0 12.7 19.1





#43

Isopropyl Acetate

Concen: 23.963 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079341.D

Acq: 25 Sep 2023 13:20

Instrument :

MSVOA_N

ClientSampleId :

TP-BCD

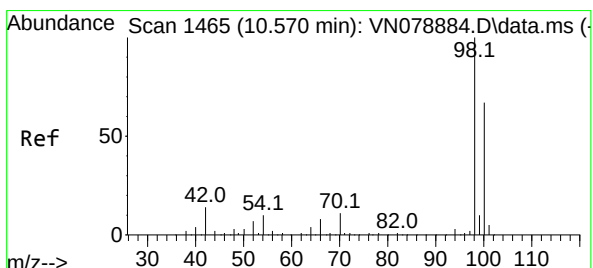
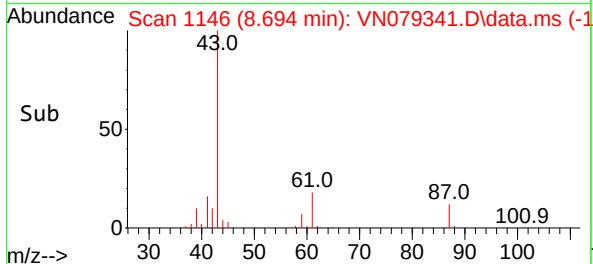
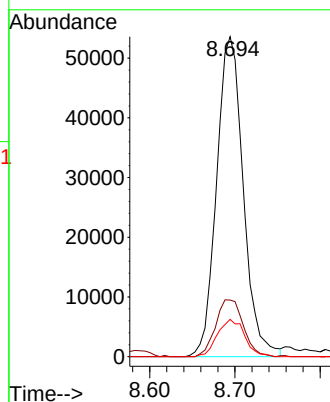
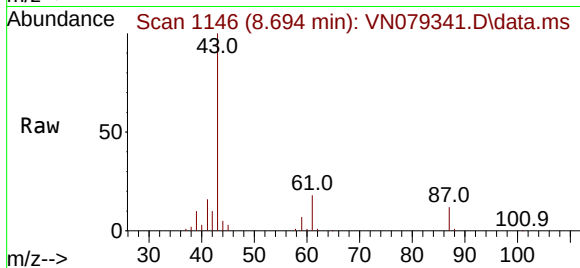
Tgt Ion: 43 Resp: 116472

Ion Ratio Lower Upper

43 100

61 18.5 24.7 37.1#

87 11.9 14.6 21.8#



#50

Toluene-d8

Concen: 45.307 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079341.D

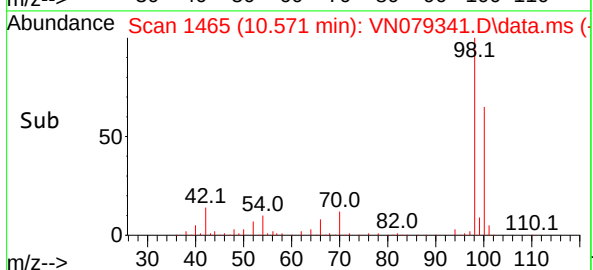
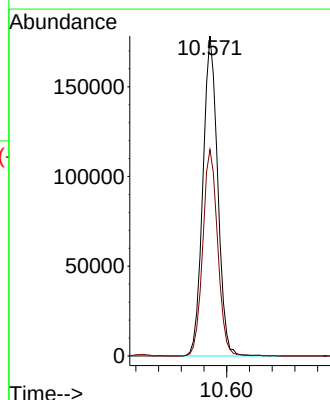
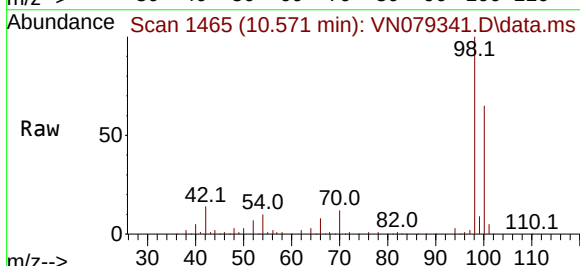
Acq: 25 Sep 2023 13:20

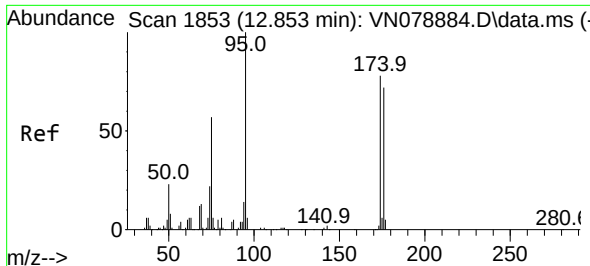
Tgt Ion: 98 Resp: 322330

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

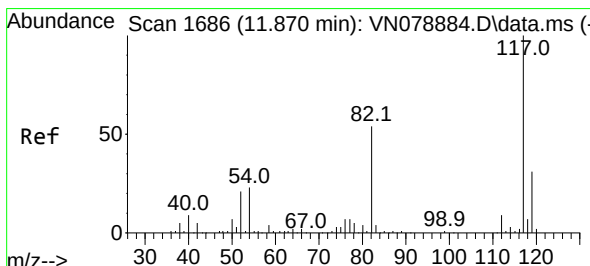
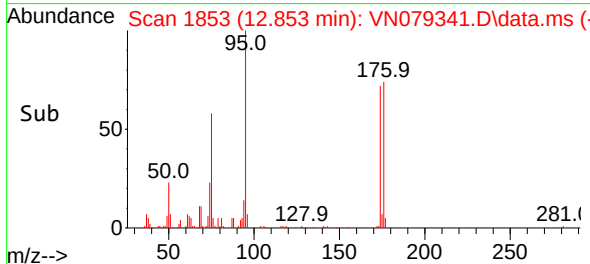
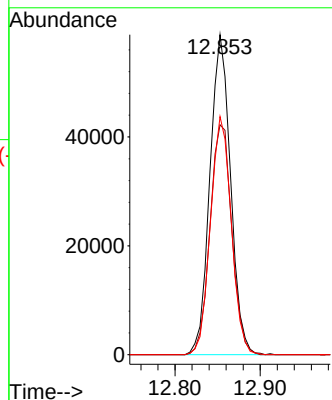
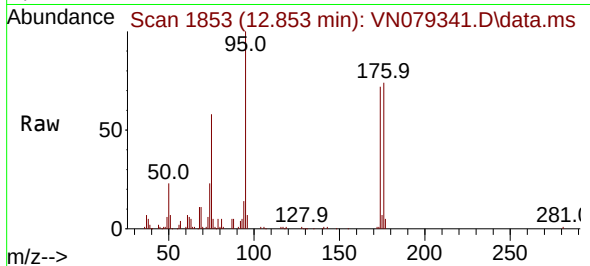




#62
4-Bromofluorobenzene
Concen: 43.554 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079341.D
Acq: 25 Sep 2023 13:20

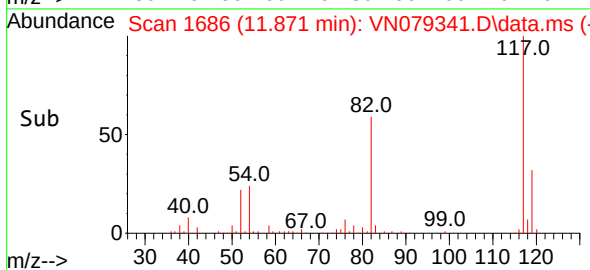
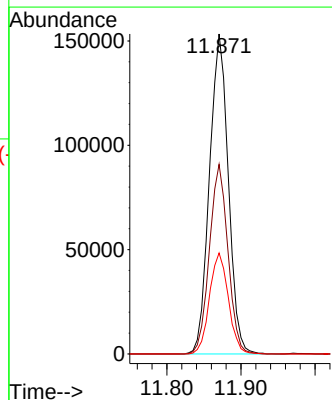
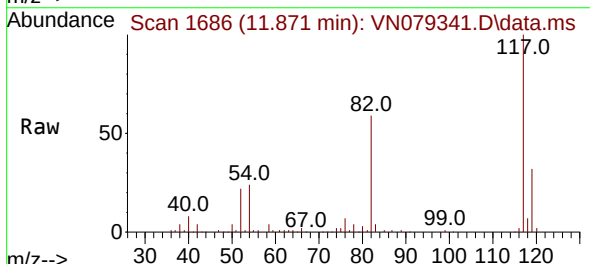
Instrument :
MSVOA_N
ClientSampleId :
TP-BCD

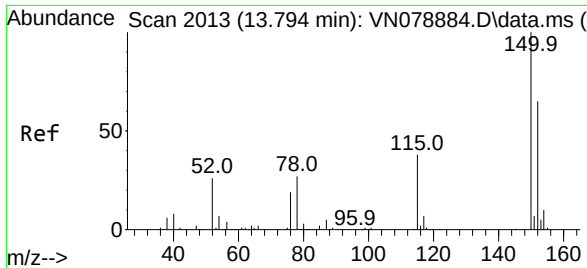
Tgt Ion: 95 Resp: 98838
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 75.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079341.D
Acq: 25 Sep 2023 13:20

Tgt Ion: 117 Resp: 270742
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079341.D
 Acq: 25 Sep 2023 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-BCD

Tgt Ion:152 Resp: 71413
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.3 96.8
 150 158.3 0.0 355.8

