

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062882.D
 Acq On : 13 Aug 2020 2:19
 Operator : JC/MD
 Sample : PB130908ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130908ZHE#12

Quant Time: Aug 13 07:19:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

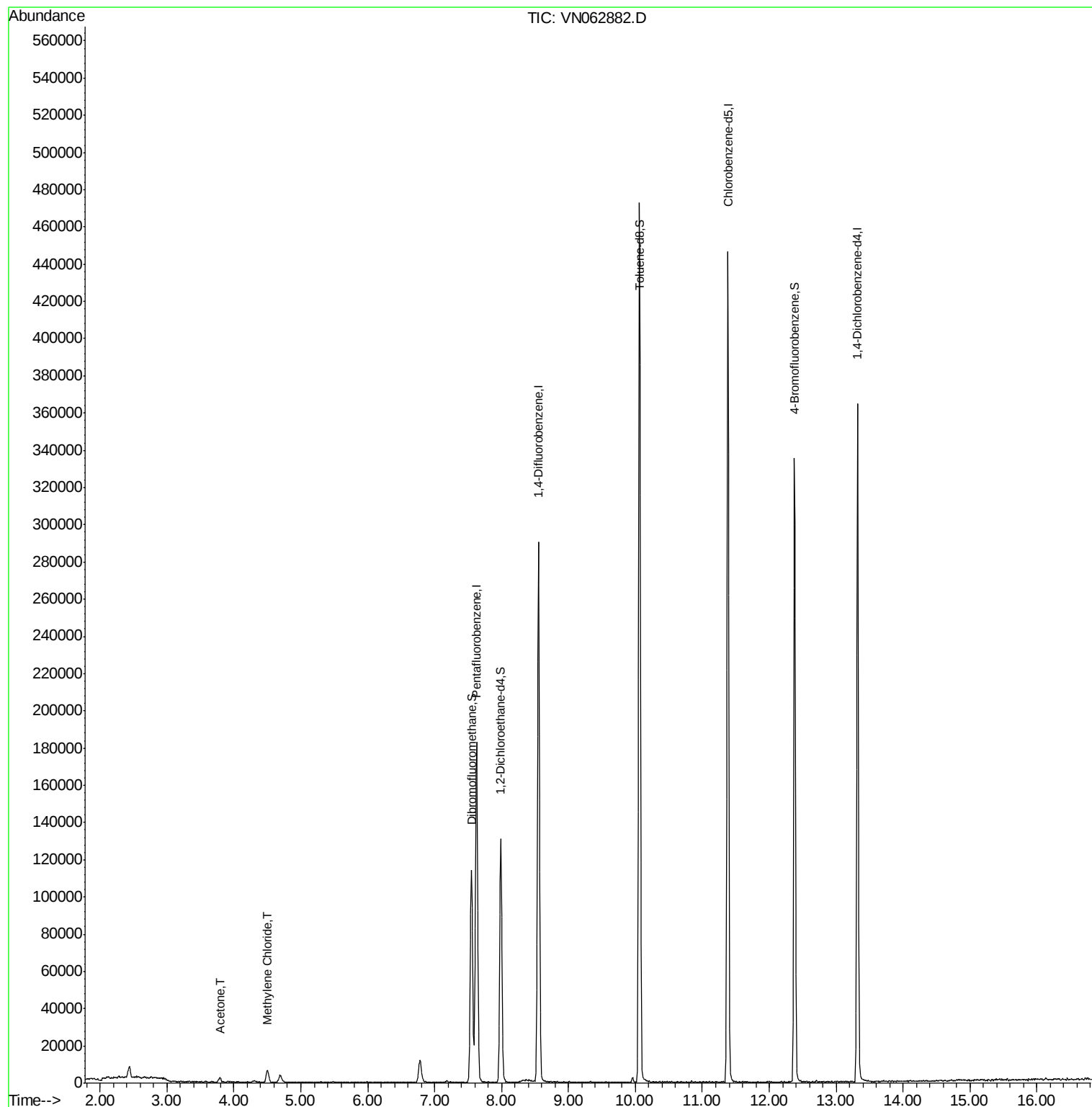
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	144309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	250052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	254210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	95459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	118819	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
35) Dibromofluoromethane	7.55	113	89666	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
50) Toluene-d8	10.06	98	328642	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.38	95	117843	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
Target Compounds						
16) Acetone	3.79	43	4470	5.184	ug/l	94
20) Methylene Chloride	4.50	84	4769	2.297	ug/l	97

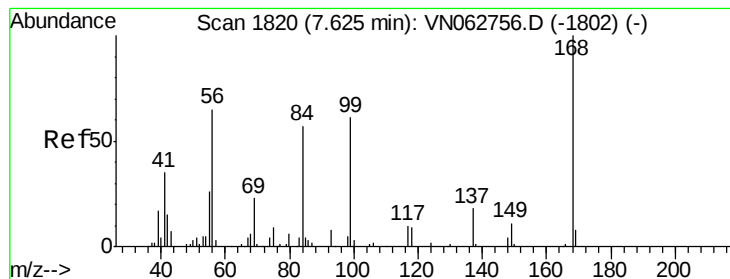
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062882.D

Acq: 13 Aug 2020 2:19

Instrument :

MSVOA_N

ClientSampleId :

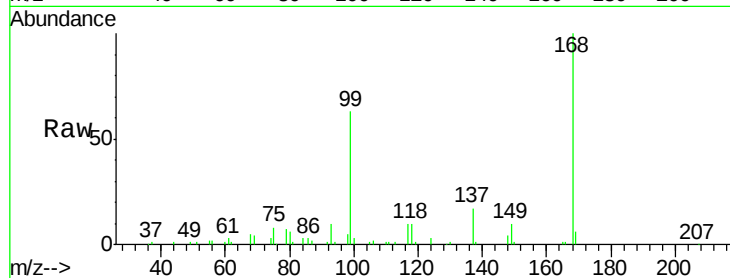
PB130908ZHE#12

Tot Ion:168 Resp: 144309

Ion Ratio Lower Upper

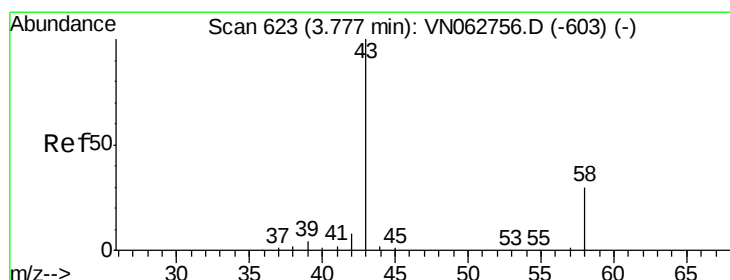
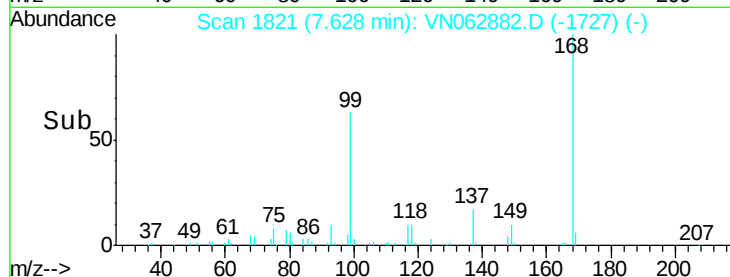
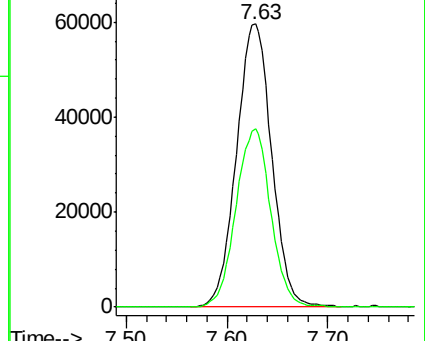
168 100

99 63.1 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.184 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.02 min

Lab File: VN062882.D

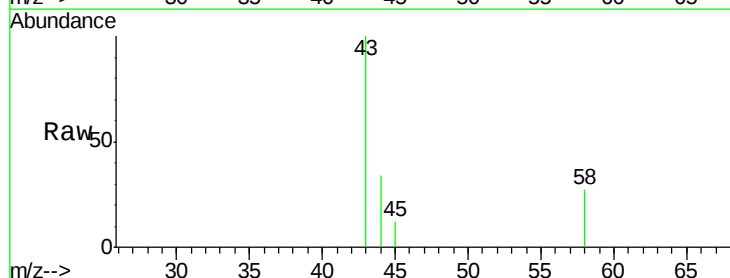
Acq: 13 Aug 2020 2:19

Tgt Ion: 43 Resp: 4470

Ion Ratio Lower Upper

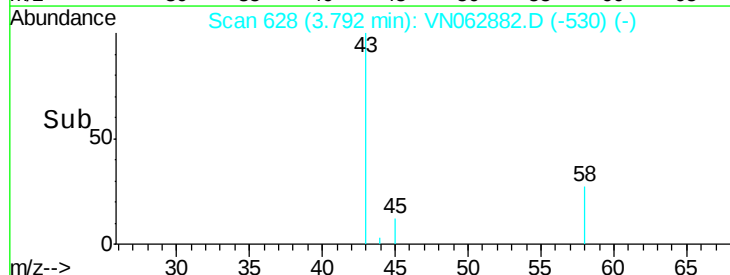
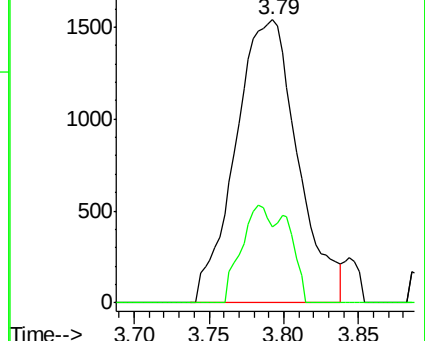
43 100

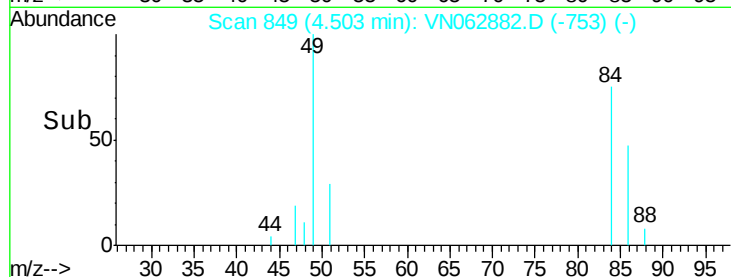
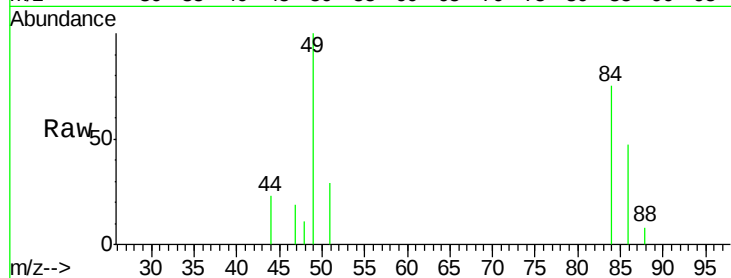
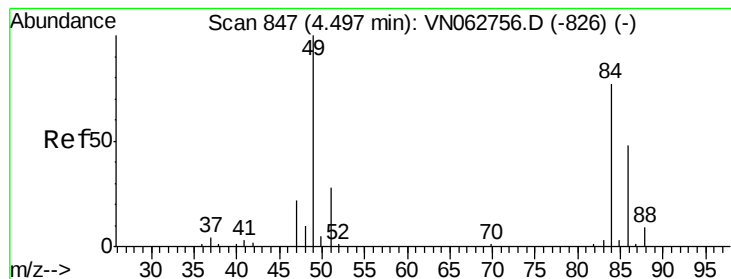
58 27.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methvlene Chloride

Concen: 2.297 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.01 min

Lab File: VN062882.D

Acq: 13 Aug 2020 2:19

Instrument :

MSVOA_N

ClientSampleId :

PB130908ZHE#12

Tot Ion: 84 Resp: 4769

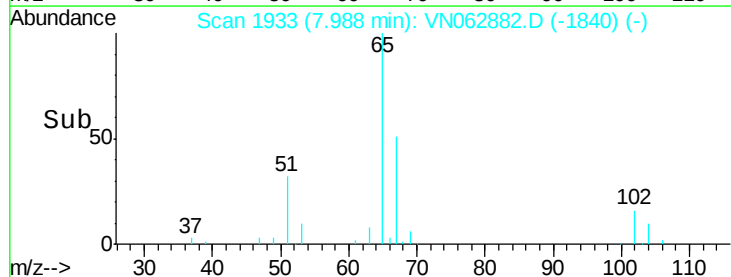
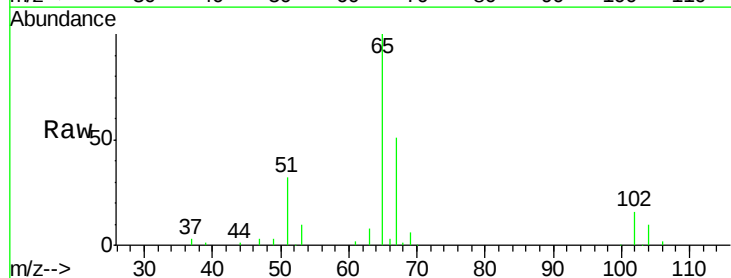
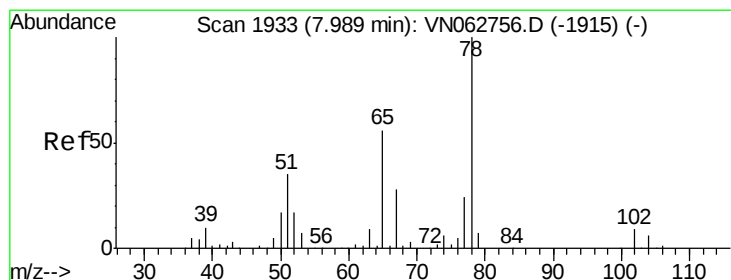
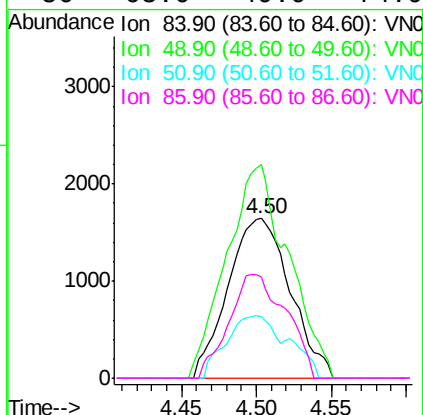
Ion Ratio Lower Upper

84 100

49 133.7 103.4 155.2

51 38.5 29.3 43.9

86 63.0 49.9 74.9



#33

1,2-Dichloroethane-d4

Concen: 49.790 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062882.D

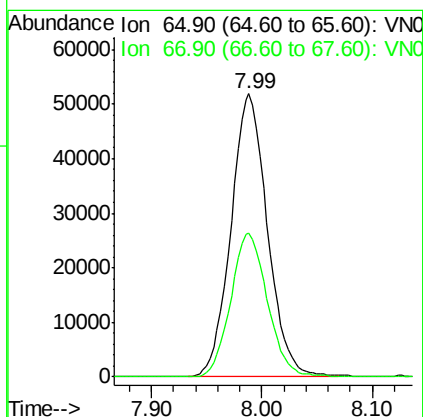
Acq: 13 Aug 2020 2:19

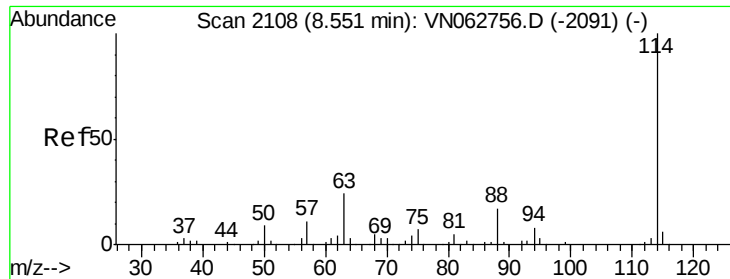
Tgt Ion: 65 Resp: 118819

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.4

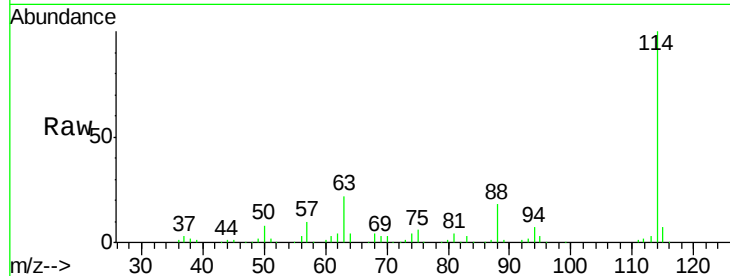




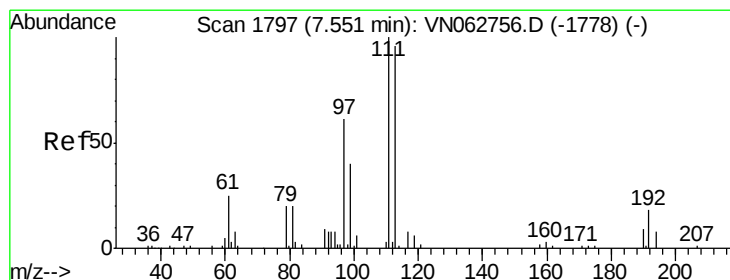
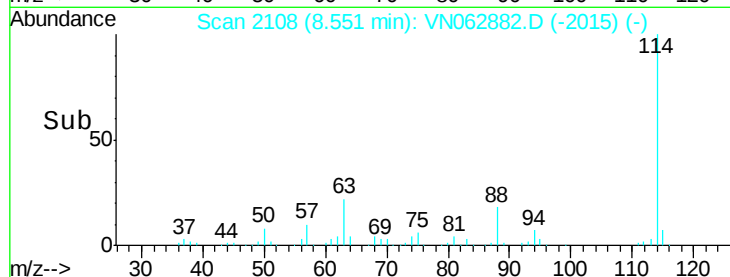
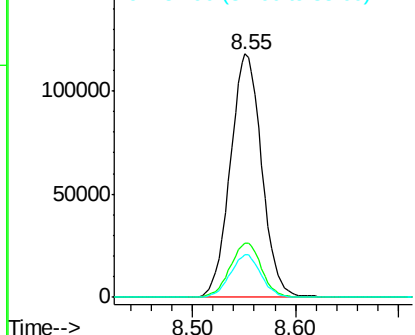
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062882.D
Acq: 13 Aug 2020 2:19

Instrument :
MSVOA_N
ClientSampleId :
PB130908ZHE#12

Tot Ion:114 Resp: 250052
Ion Ratio Lower Upper
114 100
63 22.3 0.0 47.6
88 17.6 0.0 34.4

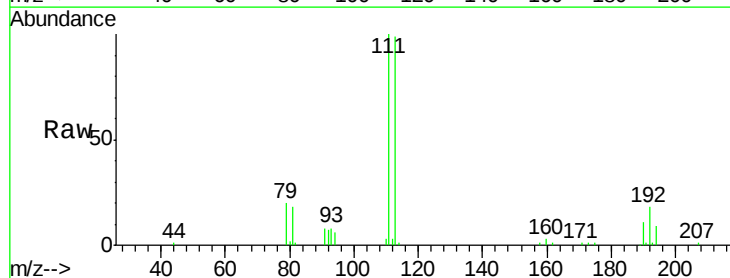


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

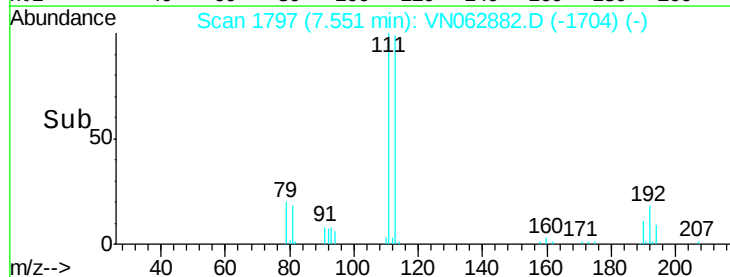
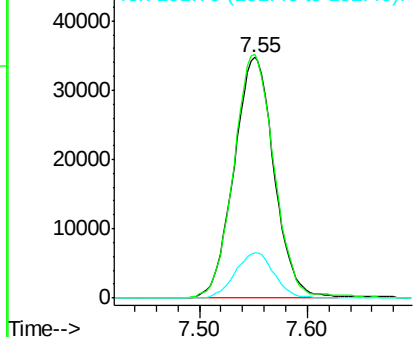


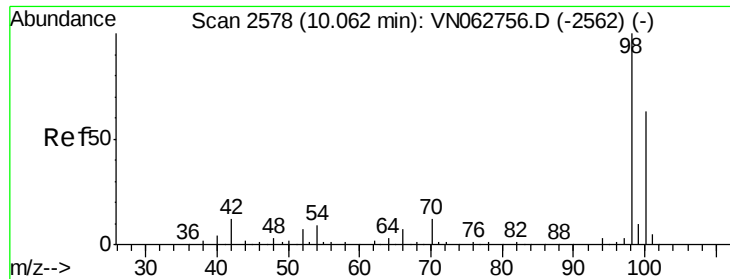
#35
Dibromofluoromethane
Concen: 52.421 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN062882.D
Acq: 13 Aug 2020 2:19

Tgt Ion:113 Resp: 89666
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 18.2 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.213 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062882.D

Acq: 13 Aug 2020 2:19

Instrument :

MSVOA_N

ClientSampleId :

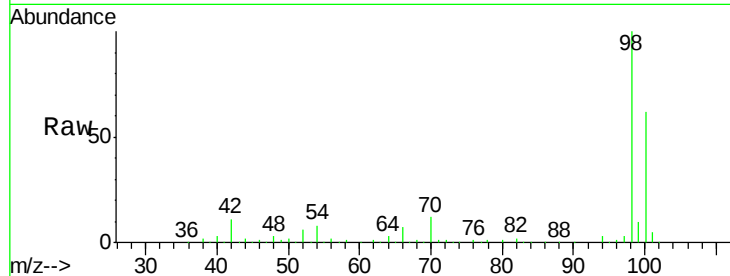
PB130908ZHE#12

Tot Ion: 98 Resp: 328642

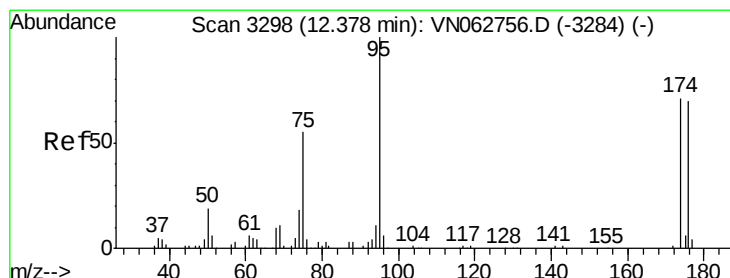
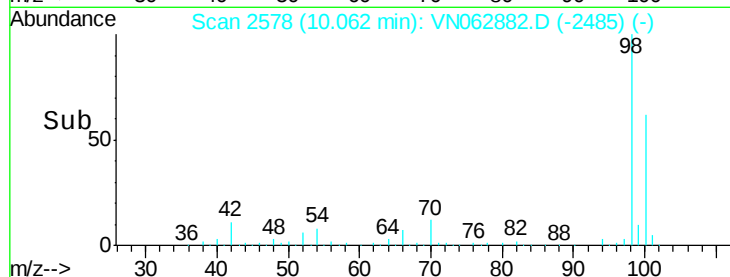
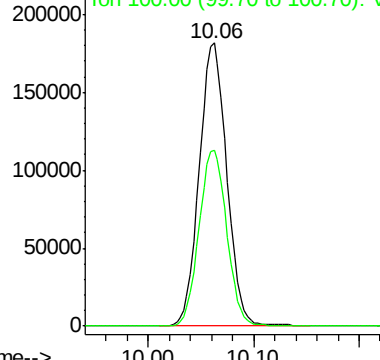
Ion Ratio Lower Upper

98 100

100 62.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN062756.D (-2562) (-)



#62

4-Bromofluorobenzene

Concen: 46.697 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062882.D

Acq: 13 Aug 2020 2:19

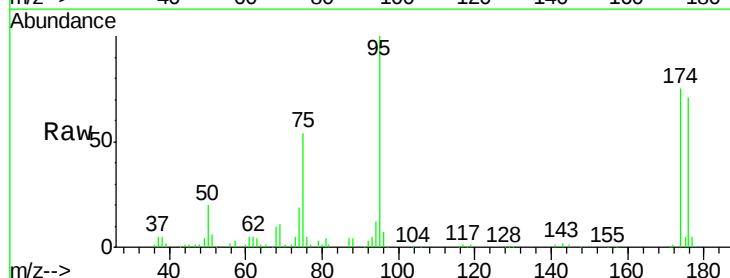
Tgt Ion: 95 Resp: 117843

Ion Ratio Lower Upper

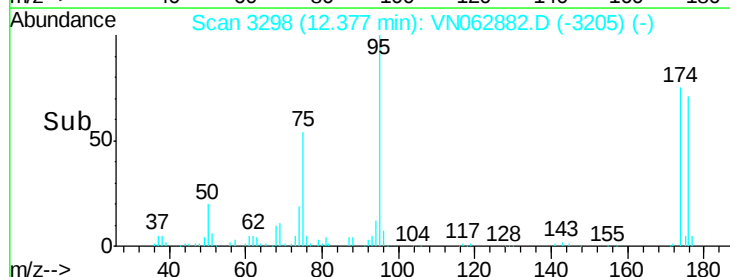
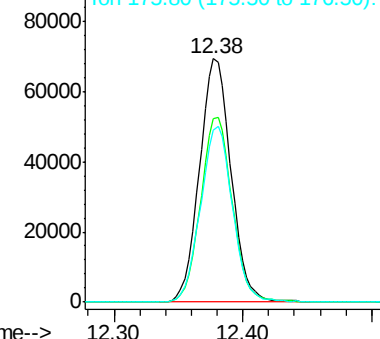
95 100

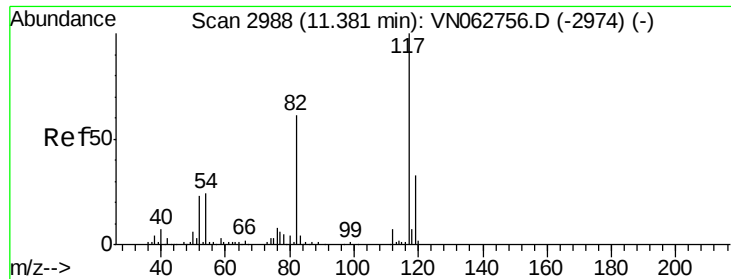
174 75.9 0.0 144.8

176 72.9 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

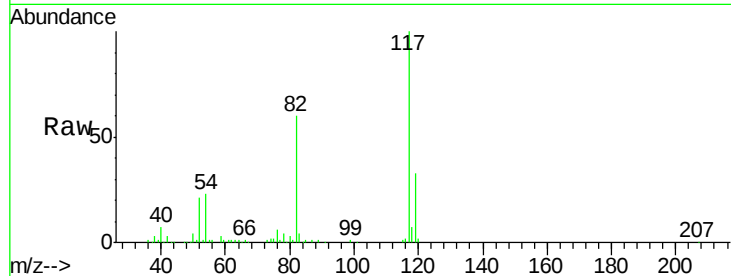




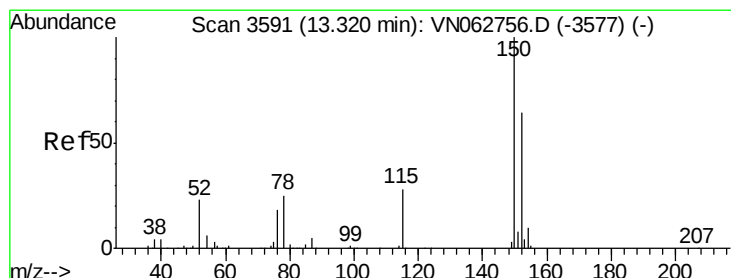
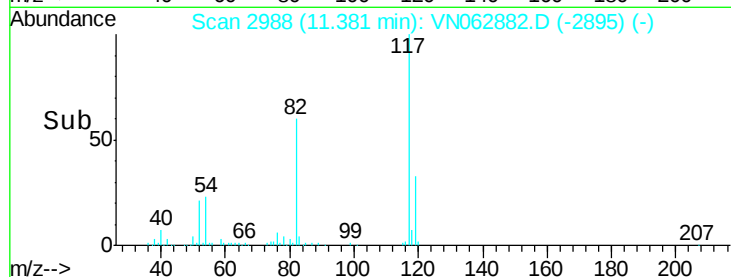
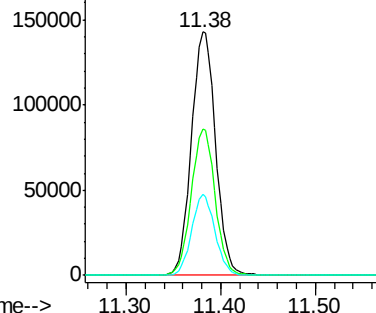
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062882.D
Acq: 13 Aug 2020 2:19

Instrument :
MSVOA_N
ClientSampleId :
PB130908ZHE#12

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	49.0	73.4
119	33.2	26.2	39.2

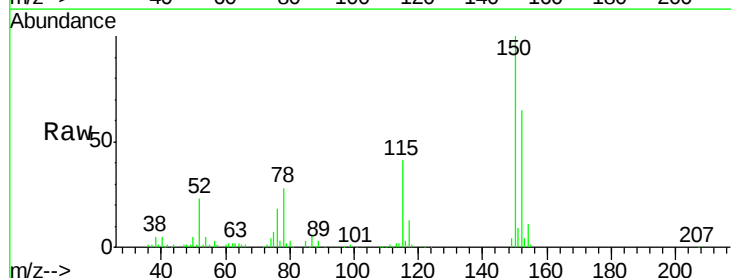


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062882.D
Acq: 13 Aug 2020 2:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	31.6	94.8
150	157.0	0.0	349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

