

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063916.D
 Acq On : 7 Oct 2020 1:29
 Operator : JC/MD
 Sample : PB132064ZHE#18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132064ZHE#18

Quant Time: Oct 07 05:47:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

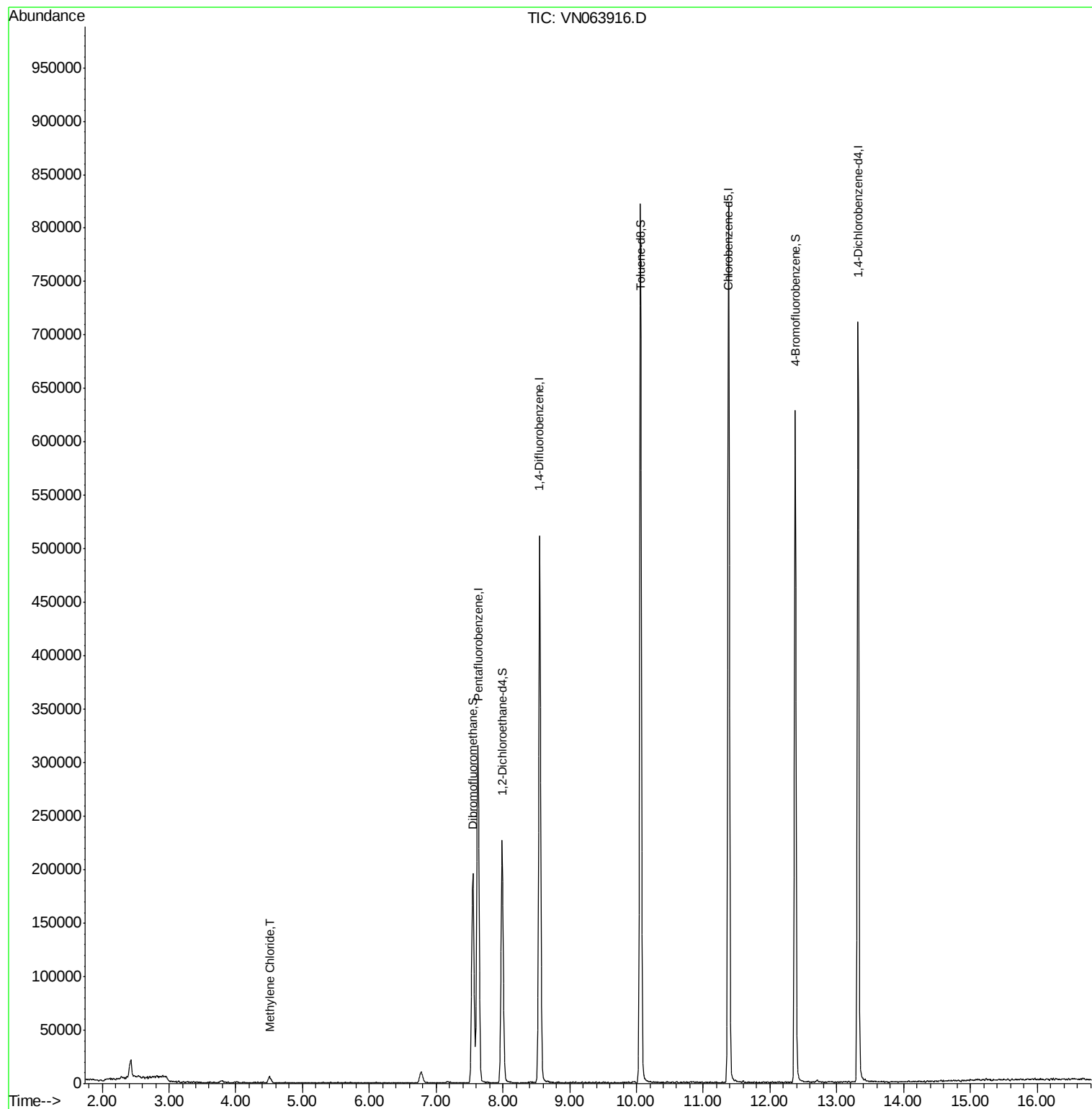
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	237075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	437621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	203230	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
35) Dibromofluoromethane	7.55	113	145067	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
50) Toluene-d8	10.06	98	544840	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.38	95	213020	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
Target Compounds						
20) Methylene Chloride	4.50	84	4150	1.598	ug/l	Qvalue 95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100620\
Data File : VN063916.D
Acq On : 7 Oct 2020 1:29
Operator : JC/MD
Sample : PB132064ZHE#18
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132064ZHE#18

Quant Time: Oct 07 05:47:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063916.D

Acq: 7 Oct 2020 1:29

Instrument :

MSVOA_N

ClientSampleId :

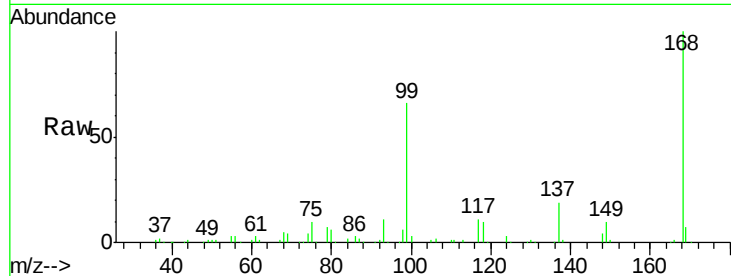
PB132064ZHE#18

Tot Ion:168 Resp: 237075

Ion Ratio Lower Upper

168 100

99 66.3 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

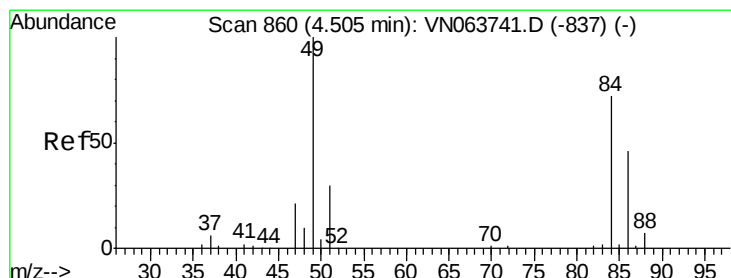
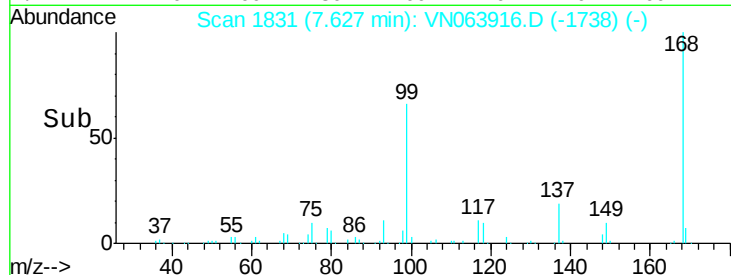
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 1.598 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063916.D

Acq: 7 Oct 2020 1:29

Tgt Ion: 84 Resp: 4150

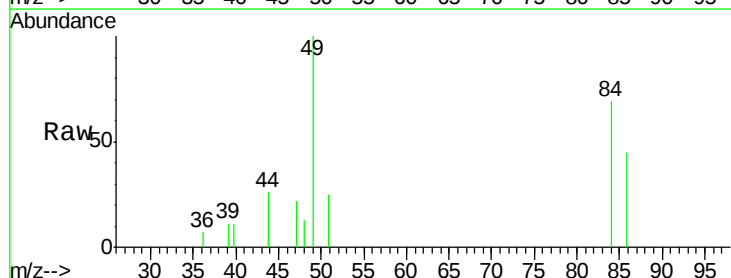
Ion Ratio Lower Upper

84 100

49 143.9 110.4 165.6

51 36.3 33.3 49.9

86 64.6 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

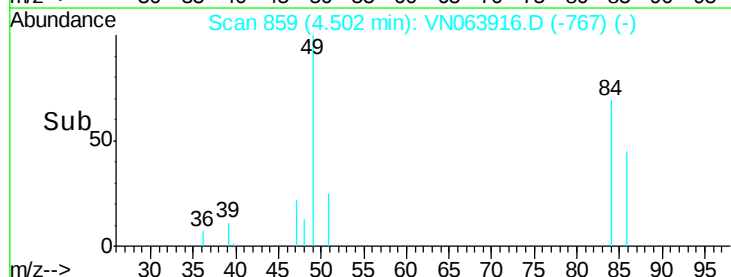
3000

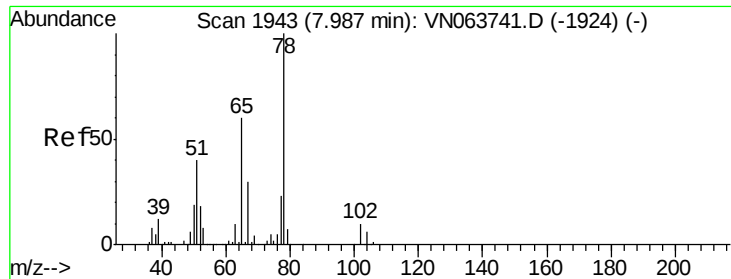
2000

1000

0

Time--> 4.45 4.50 4.55

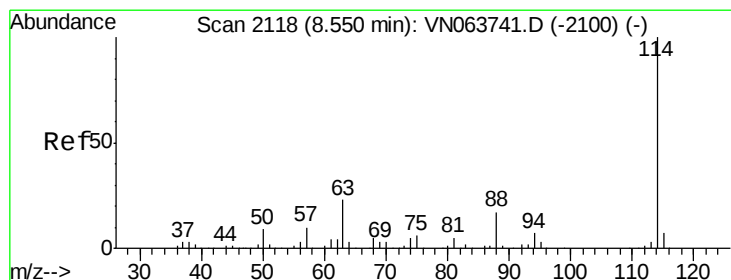
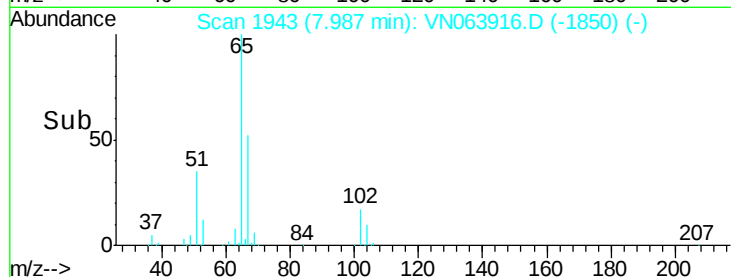
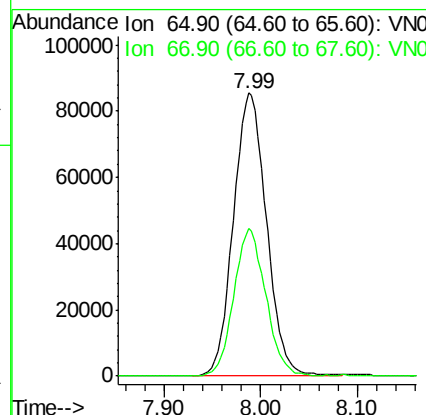
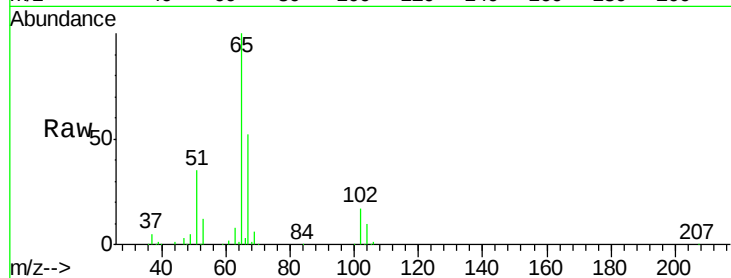




#33
 1,2-Dichloroethane-d4
 Concen: 51.889 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063916.D
 Acq: 7 Oct 2020 1:29

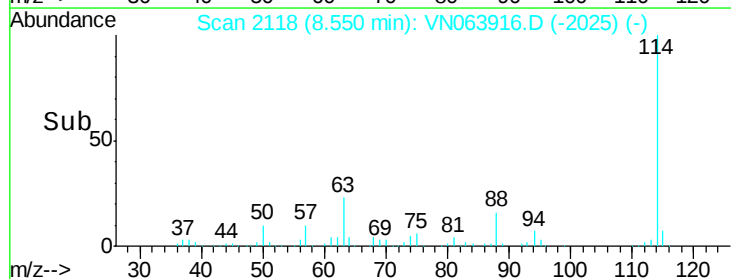
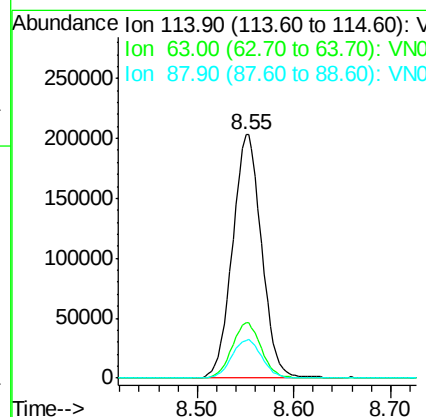
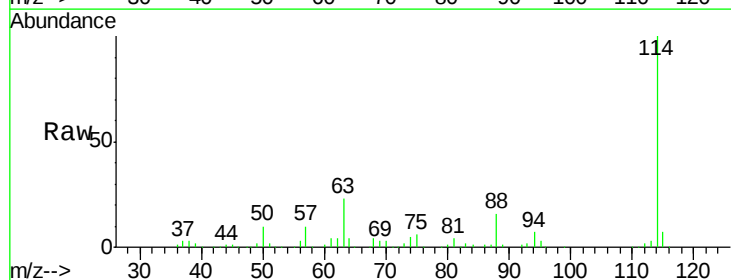
Instrument :
 MSVOA_N
 ClientSampleId :
 PB132064ZHE#18

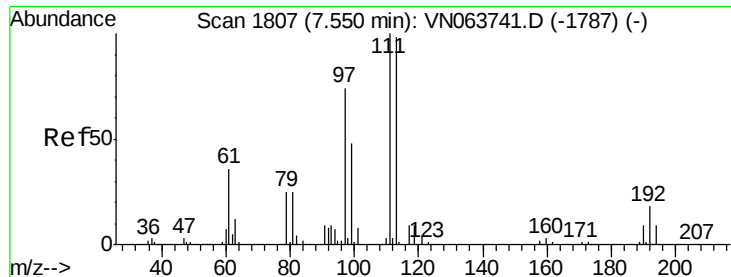
Tot Ion: 65 Resp: 203230
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063916.D
 Acq: 7 Oct 2020 1:29

Tgt Ion: 114 Resp: 424913
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 15.7 0.0 34.0

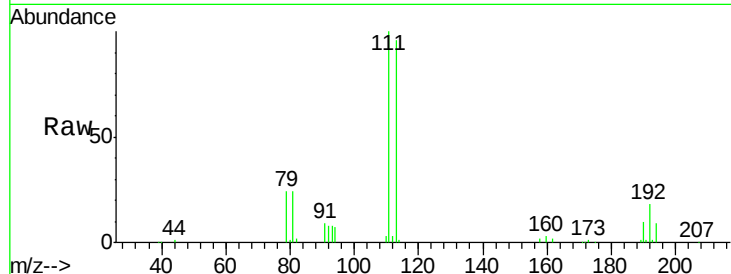




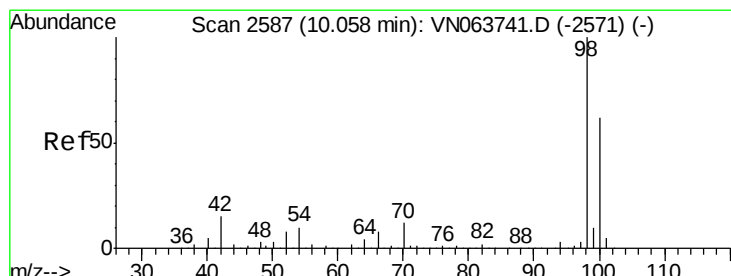
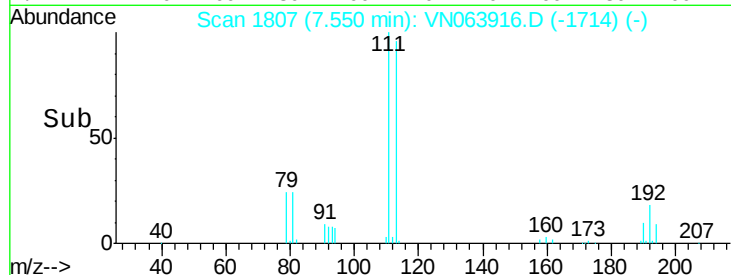
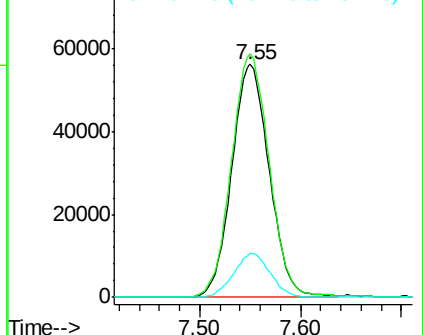
#35
Dibromofluoromethane
Concen: 49.202 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063916.D
Acq: 7 Oct 2020 1:29

Instrument :
MSVOA_N
ClientSampleId :
PB132064ZHE#18

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.8	122.8
192	18.3	14.2	21.2

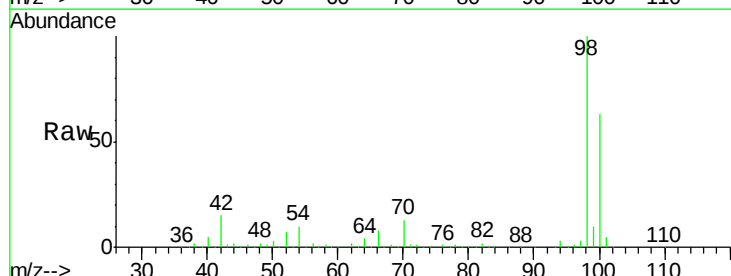


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

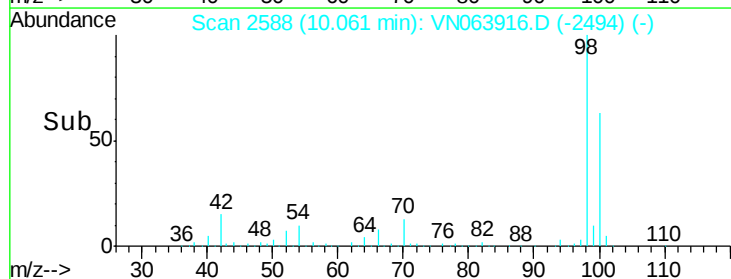
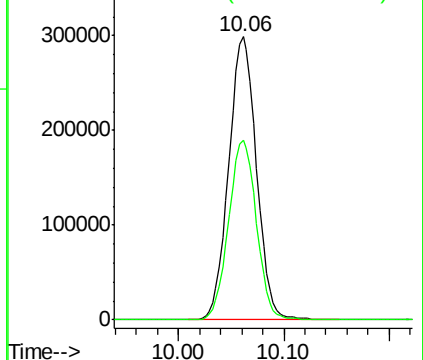


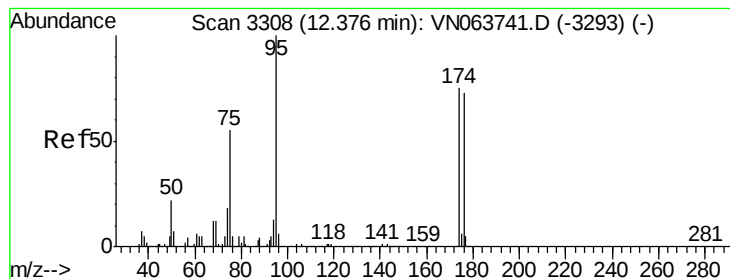
#50
Toluene-d8
Concen: 48.747 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063916.D
Acq: 7 Oct 2020 1:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	49.8	74.6



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.701 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063916.D

Acq: 7 Oct 2020 1:29

Instrument :

MSVOA_N

ClientSampleId :

PB132064ZHE#18

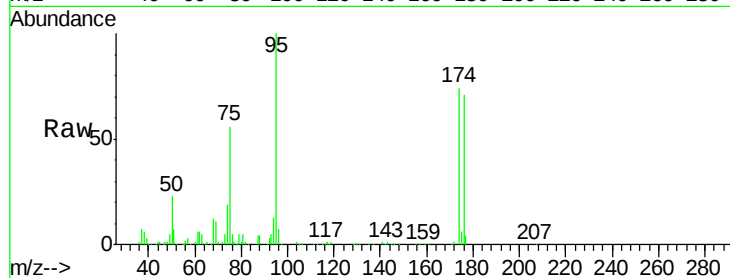
Tot Ion: 95 Resp: 213020

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.6

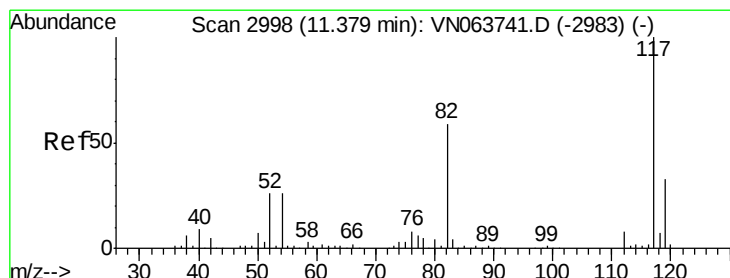
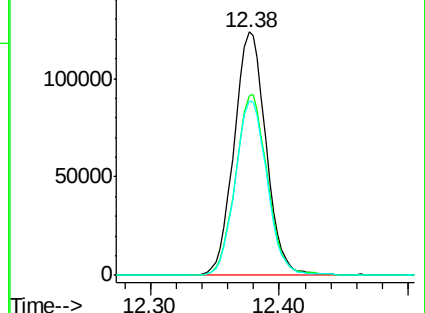
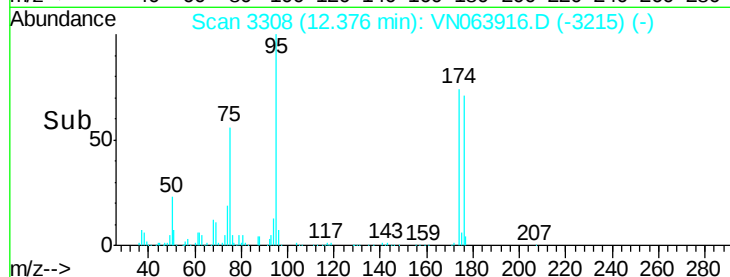
176 71.6 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063916.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063916.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063916.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063916.D

Acq: 7 Oct 2020 1:29

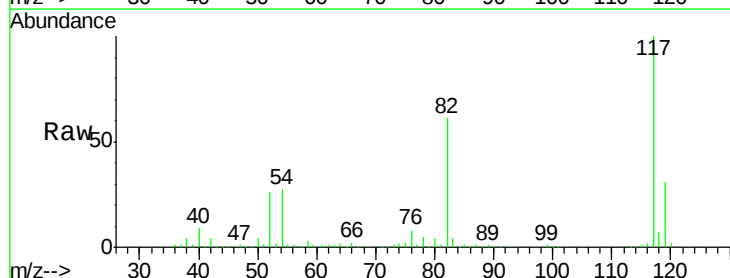
Tgt Ion: 117 Resp: 437621

Ion Ratio Lower Upper

117 100

82 60.9 47.4 71.2

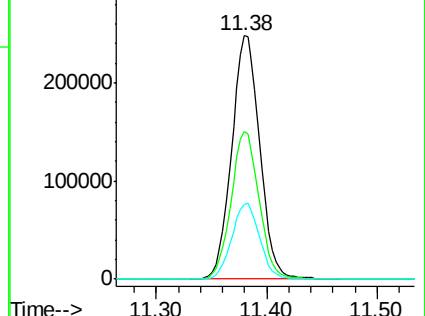
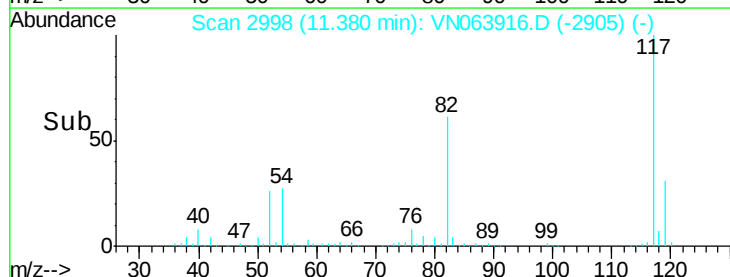
119 30.8 26.4 39.6

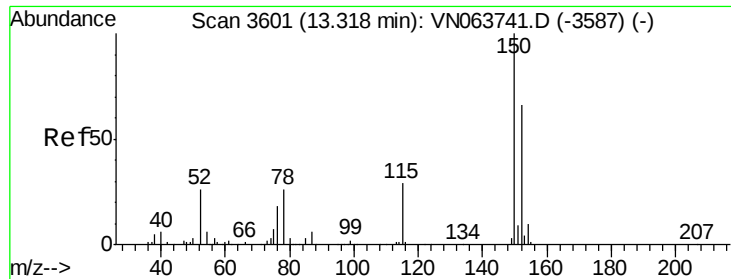


Abundance Ion 116.90 (116.60 to 117.60): VN063916.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063916.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063916.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063916.D

Acq: 7 Oct 2020 1:29

Instrument :

MSVOA_N

ClientSampleId :

PB132064ZHE#18

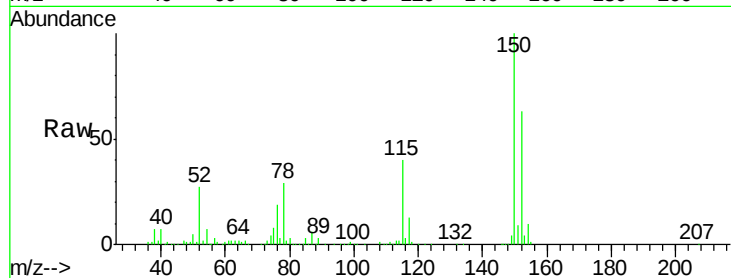
Tot Ion:152 Resp: 178930

Ion Ratio Lower Upper

152 100

115 62.6 31.3 93.8

150 155.6 0.0 341.8



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

