

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063444.D
 Acq On : 18 Sep 2020 1:58
 Operator : JC/MD
 Sample : L4021-06 10X
 Misc : 7.77uL/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B16-1-3

Quant Time: Sep 18 05:35:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

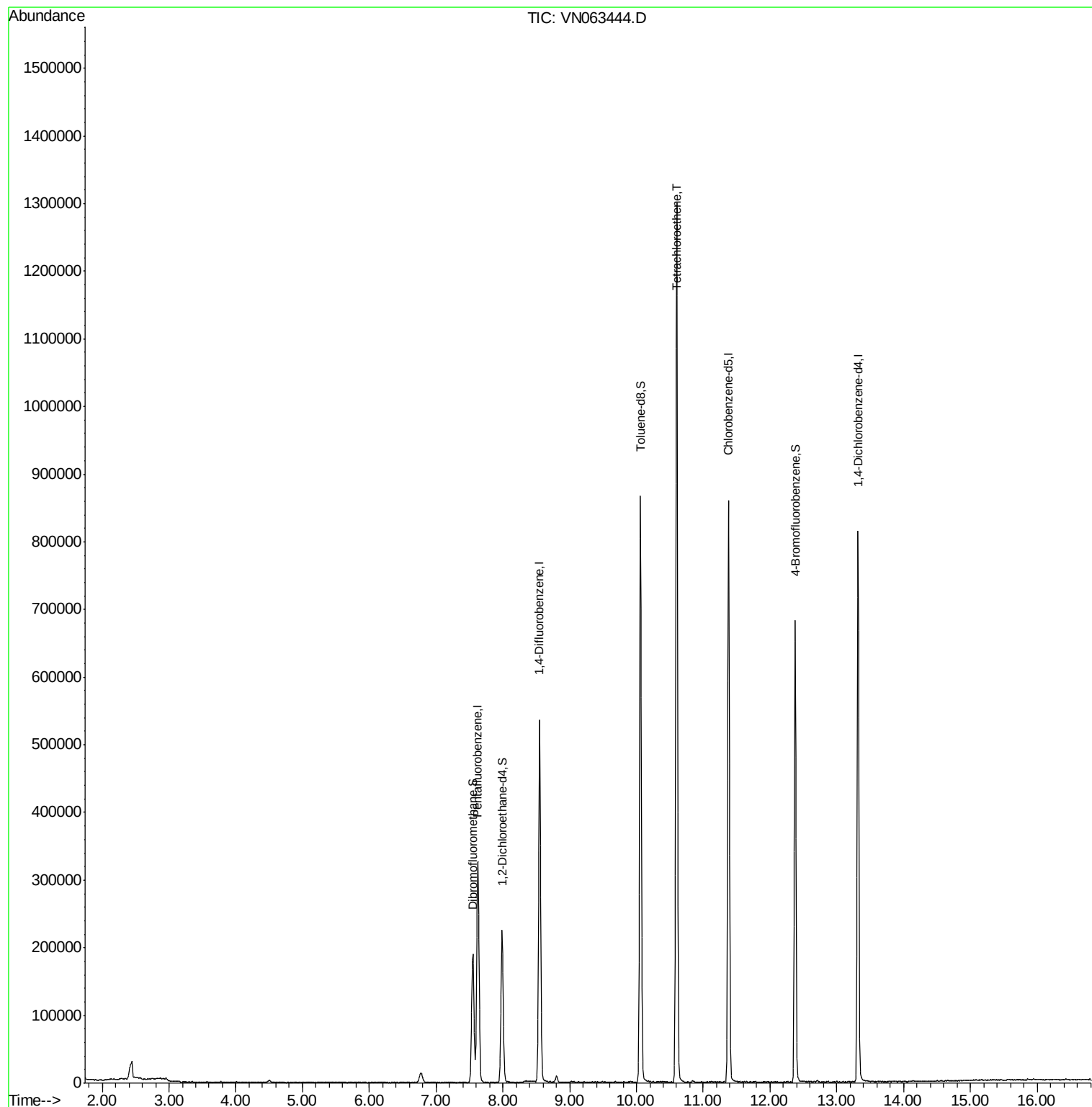
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	237895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	447056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	448190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	199362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	198912	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	7.55	113	141897	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
50) Toluene-d8	10.06	98	574718	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.38	95	230384	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
Target Compounds						
64) Tetrachloroethene	10.60	164	268940	88.124	ug/l	Qvalue 99

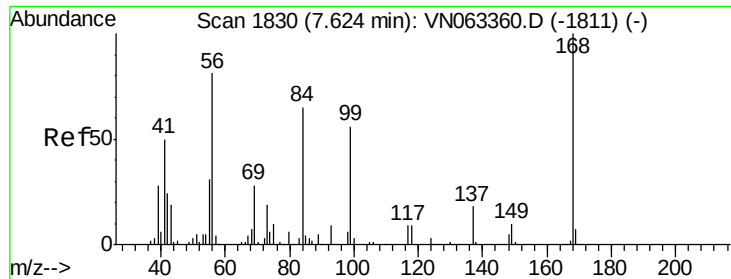
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063444.D

Acq: 18 Sep 2020 1:58

Instrument :

MSVOA_N

ClientSampled :

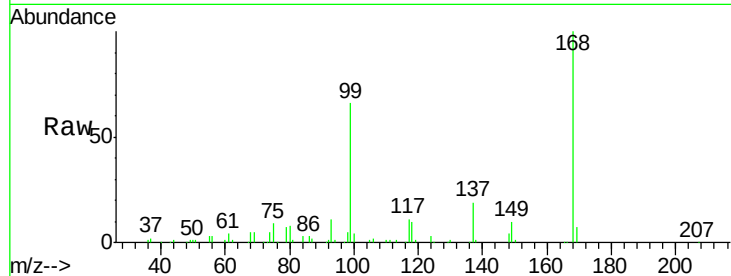
B16-1-3

Tot Ion:168 Resp: 237895

Ion Ratio Lower Upper

168 100

99 65.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

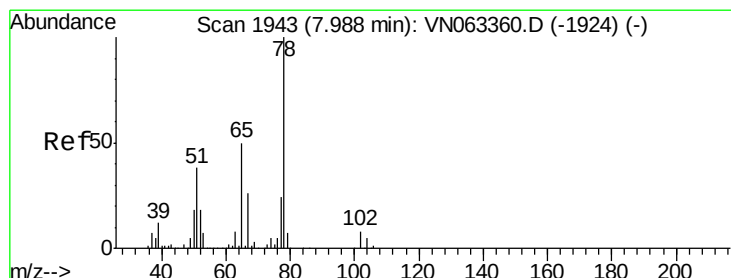
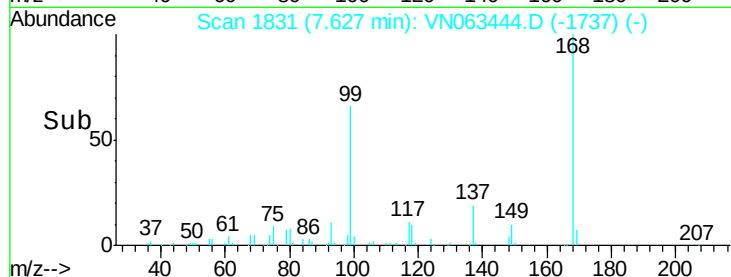
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 49.119 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063444.D

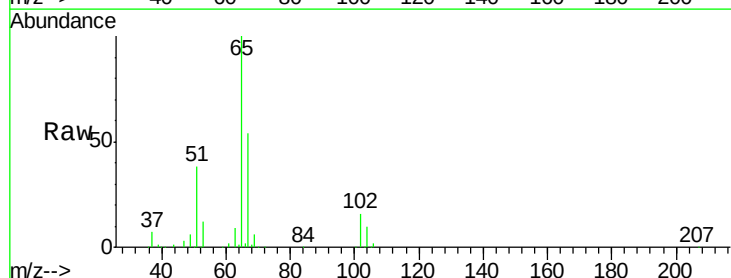
Acq: 18 Sep 2020 1:58

Tgt Ion: 65 Resp: 198912

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

80000

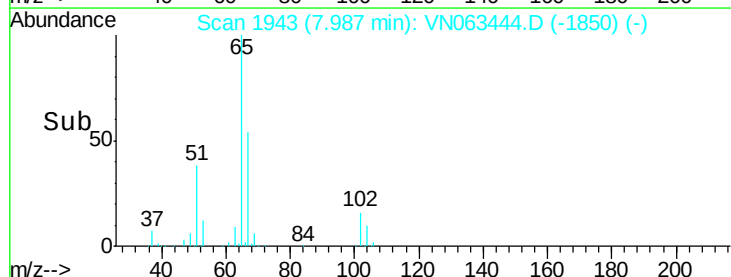
60000

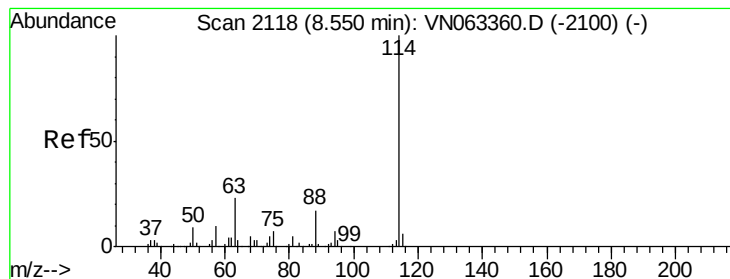
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063444.D

Acq: 18 Sep 2020 1:58

Instrument :

MSVOA_N

ClientSampled :

B16-1-3

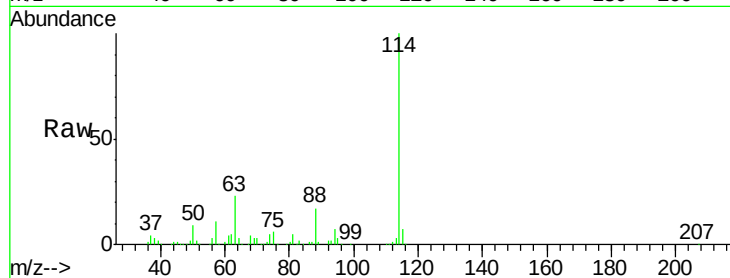
Tot Ion:114 Resp: 447056

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.4

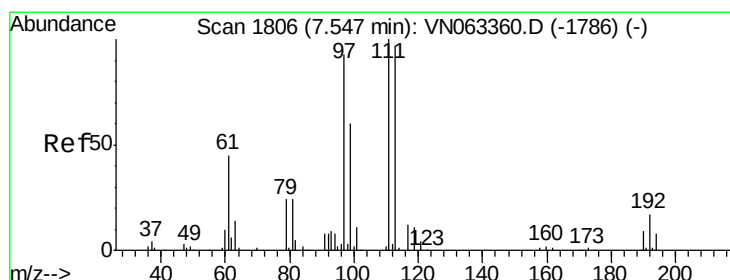
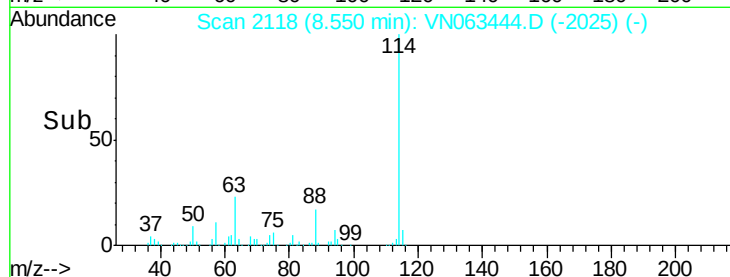
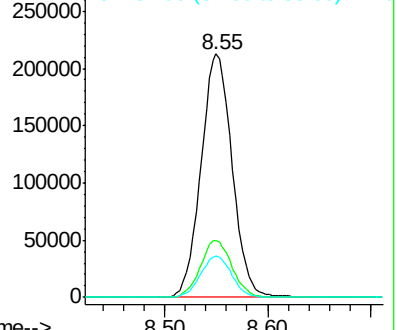
88 16.9 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 45.849 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063444.D

Acq: 18 Sep 2020 1:58

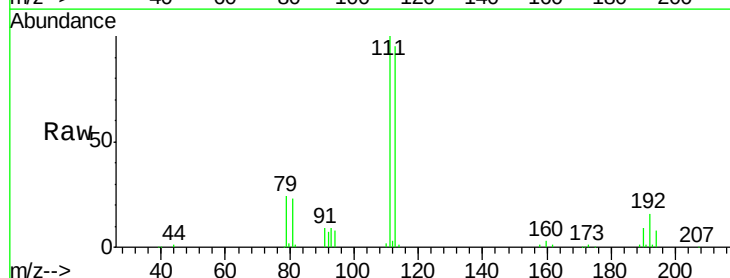
Tgt Ion:113 Resp: 141897

Ion Ratio Lower Upper

113 100

111 104.2 82.9 124.3

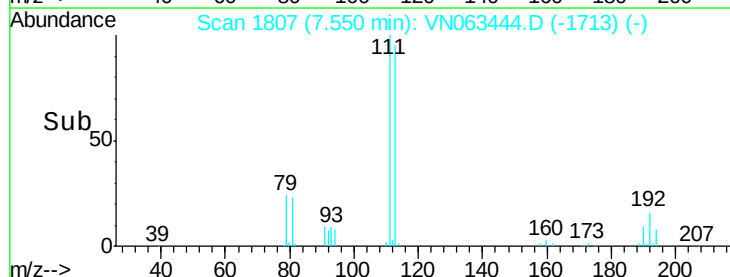
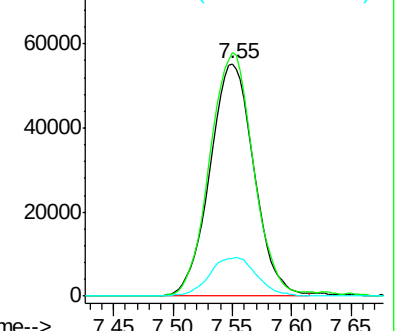
192 17.7 13.9 20.9

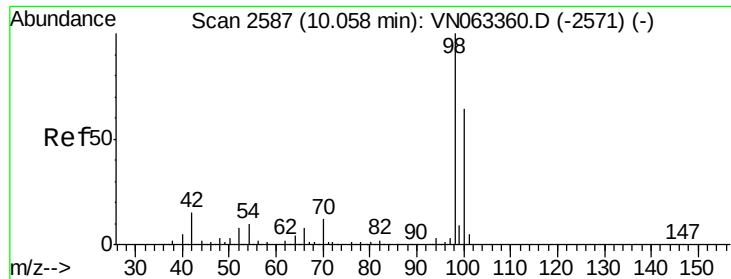


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.386 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063444.D

Acq: 18 Sep 2020 1:58

Instrument :

MSVOA_N

ClientSampled :

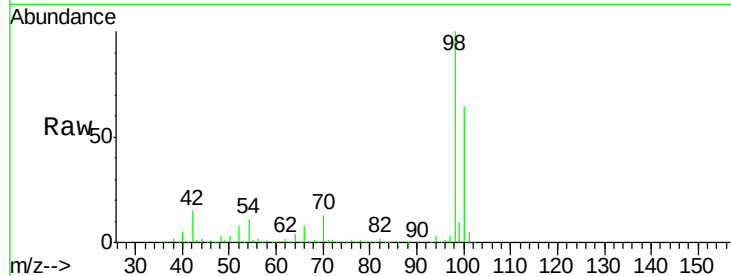
B16-1-3

Tot Ion: 98 Resp: 574718

Ion Ratio Lower Upper

98 100

100 64.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

300000

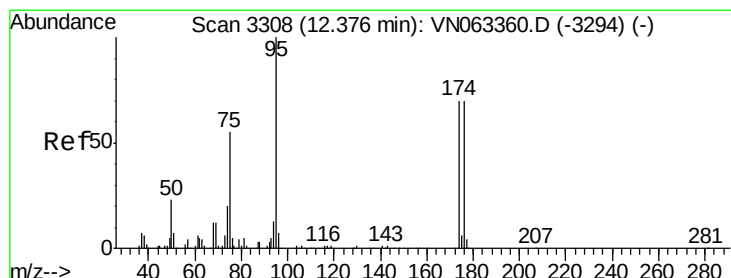
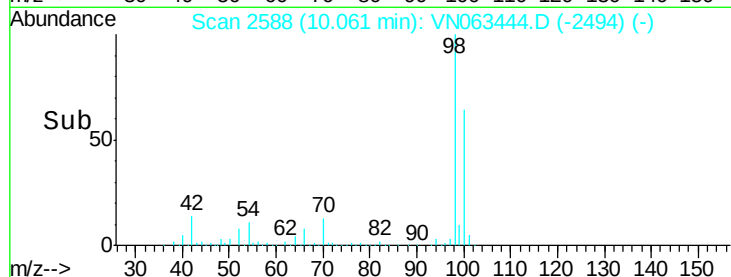
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 54.004 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063444.D

Acq: 18 Sep 2020 1:58

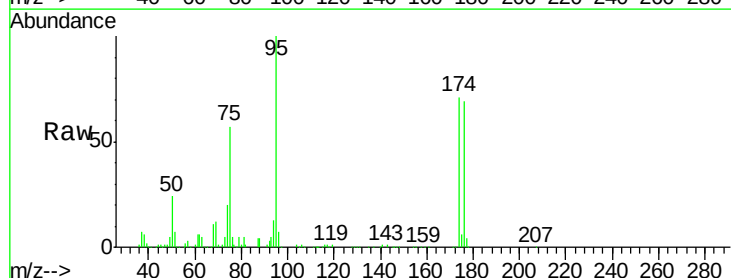
Tgt Ion: 95 Resp: 230384

Ion Ratio Lower Upper

95 100

174 70.3 0.0 140.8

176 69.0 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063360.D (-3294) (-)

12.38

150000

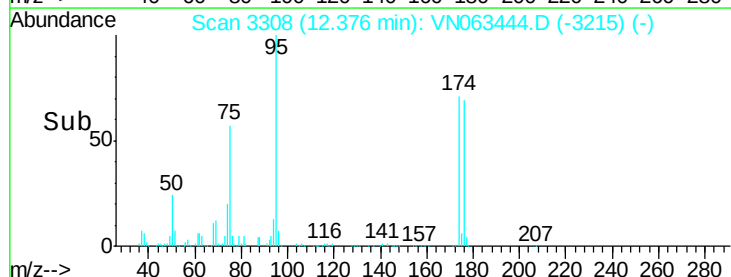
100000

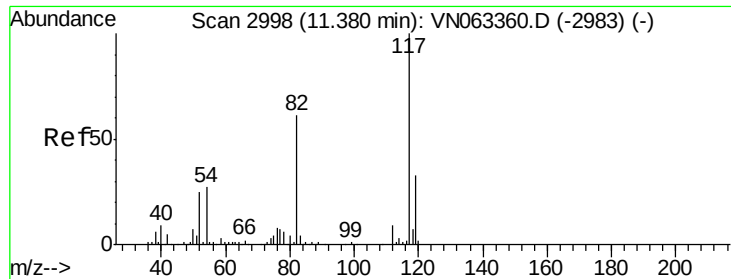
50000

0

Time-->

12.30 12.40 12.50

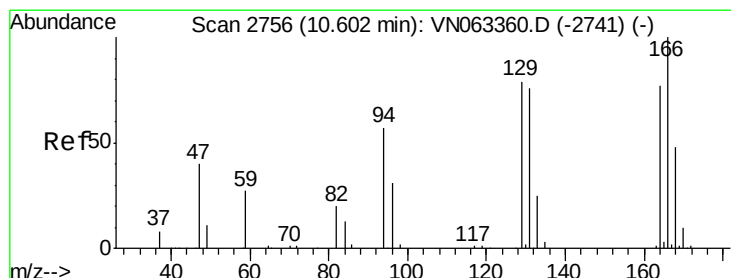
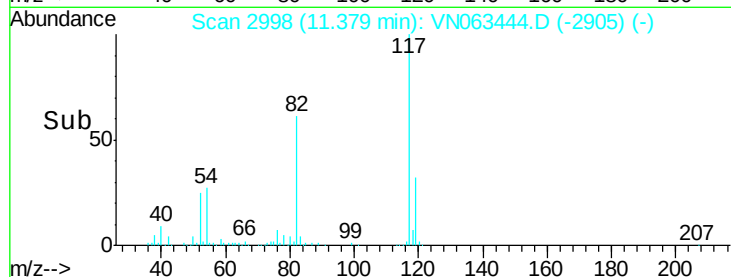
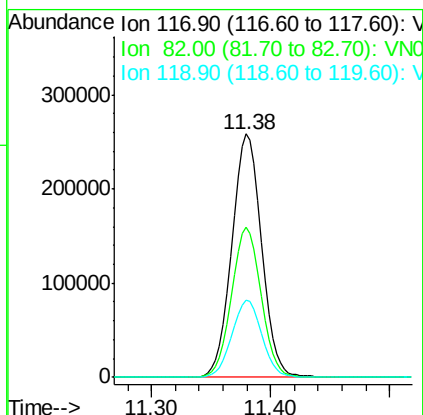
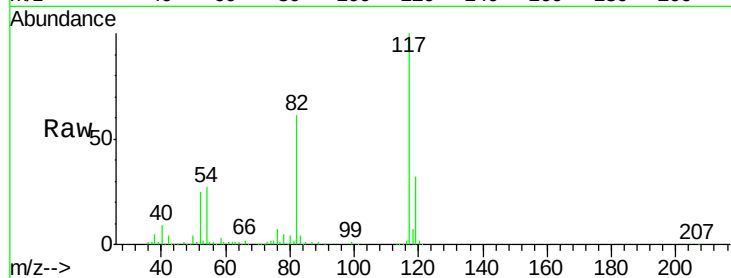




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063444.D
Acq: 18 Sep 2020 1:58

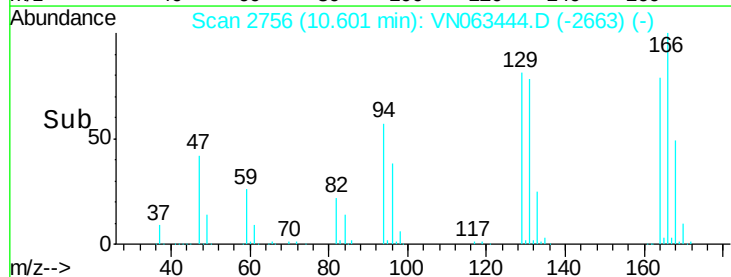
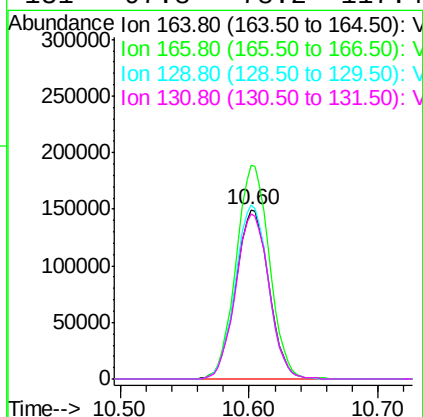
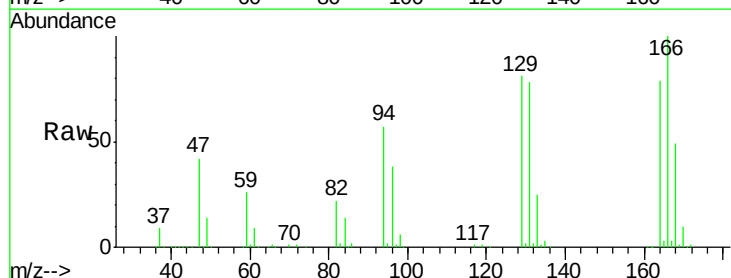
Instrument :
MSVOA_N
ClientSampleId :
B16-1-3

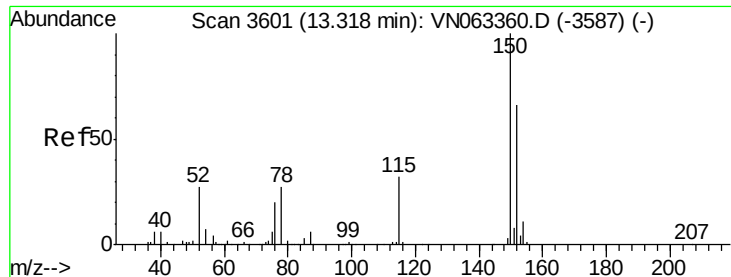
Tot Ion:117 Resp: 448190
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 31.5 26.2 39.4



#64
Tetrachloroethene
Concen: 88.124 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063444.D
Acq: 18 Sep 2020 1:58

Tgt Ion:164 Resp: 268940
Ion Ratio Lower Upper
164 100
166 126.0 103.4 155.0
129 102.5 81.8 122.6
131 97.8 78.2 117.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063444.D

Acq: 18 Sep 2020 1:58

Instrument :

MSVOA_N

ClientSampleId :

B16-1-3

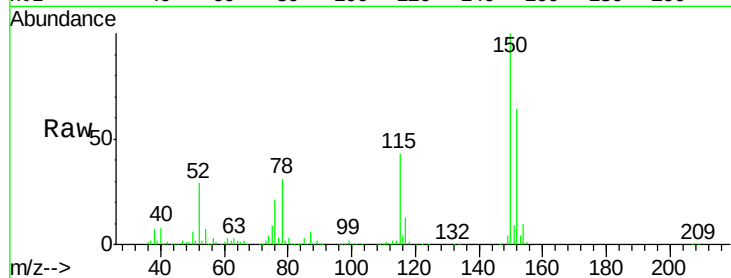
Tot Ion:152 Resp: 199362

Ion Ratio Lower Upper

152 100

115 65.5 32.2 96.6

150 157.6 0.0 343.4



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

