

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063443.D
 Acq On : 18 Sep 2020 1:34
 Operator : JC/MD
 Sample : L4021-07
 Misc : 9.68g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B16-5-7

Quant Time: Sep 18 05:56:49 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

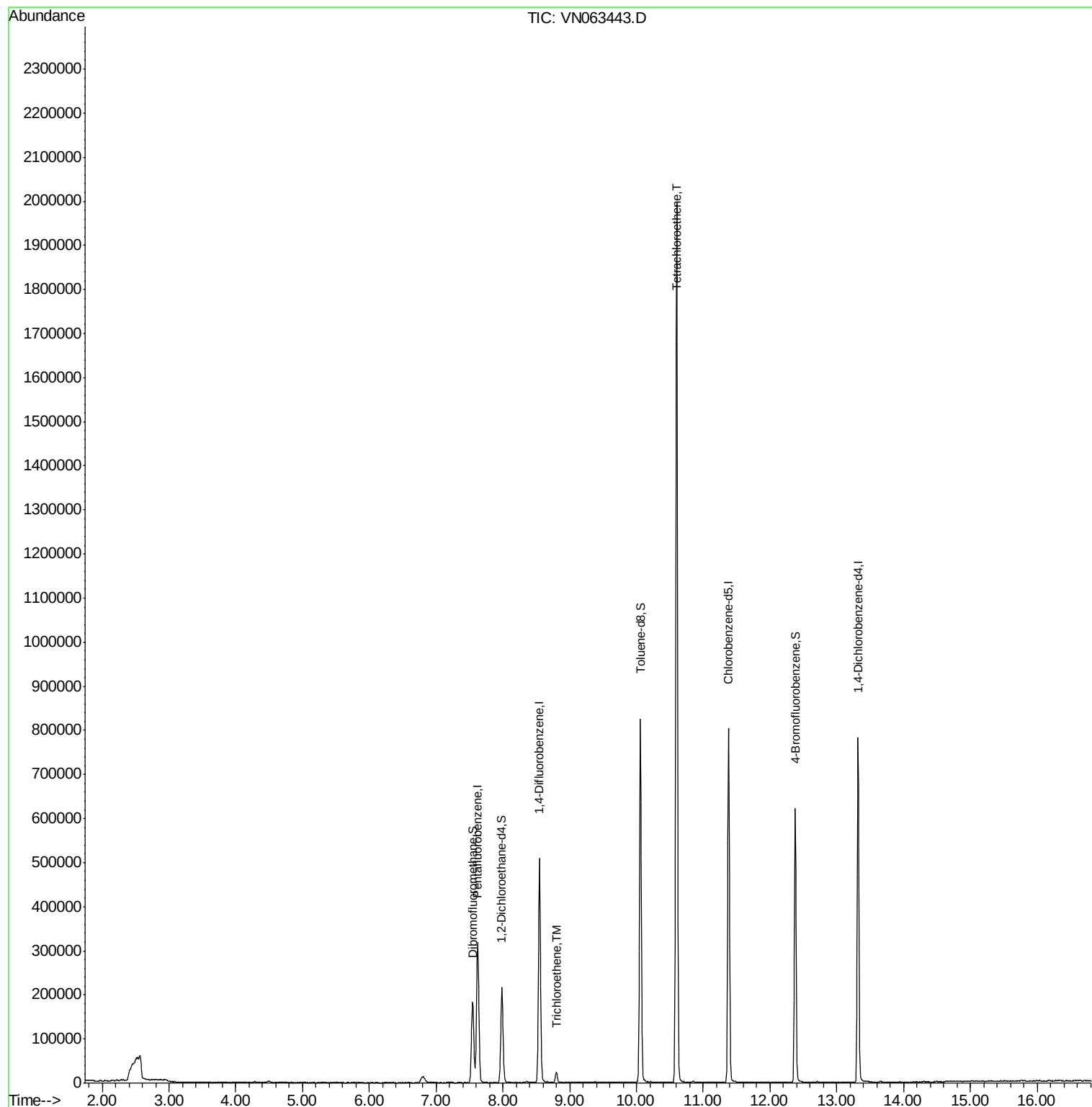
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	231291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	428401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	428394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	187780	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
35) Dibromofluoromethane	7.55	113	136374	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
50) Toluene-d8	10.06	98	549070	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.38	95	213249	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
Target Compounds						
44) Trichloroethene	8.80	130	7374	2.334	ug/l	93
64) Tetrachloroethene	10.60	164	411003	140.897	ug/l	99

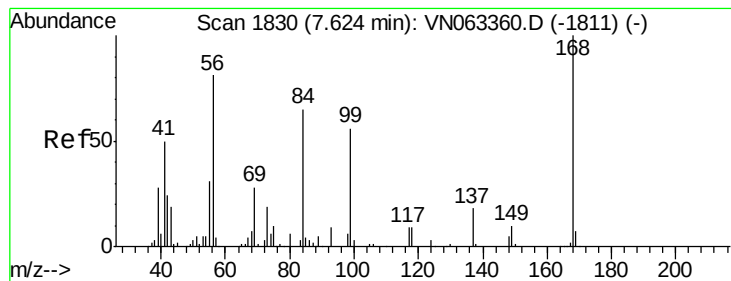
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN063443.D

Acq: 18 Sep 2020 1:34

Instrument :

MSVOA_N

ClientSampleId :

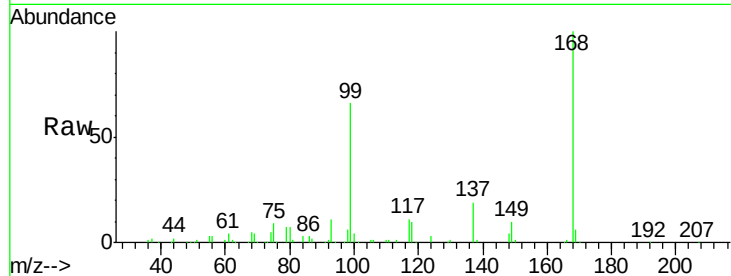
B16-5-7

Tot Ion:168 Resp: 231291

Ion Ratio Lower Upper

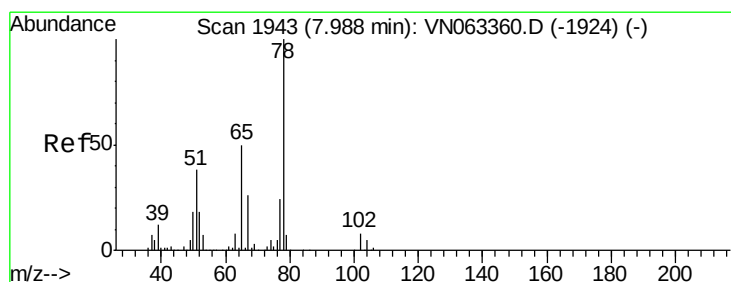
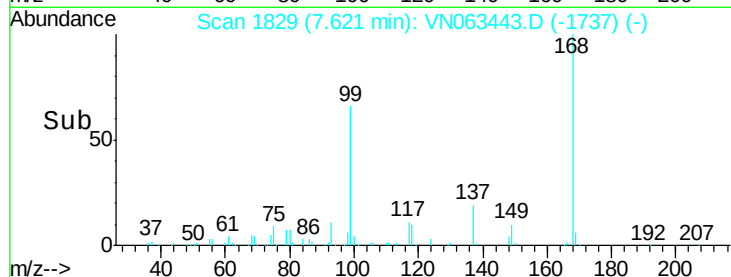
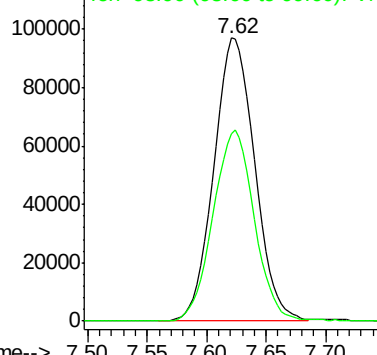
168 100

99 66.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 47.694 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063443.D

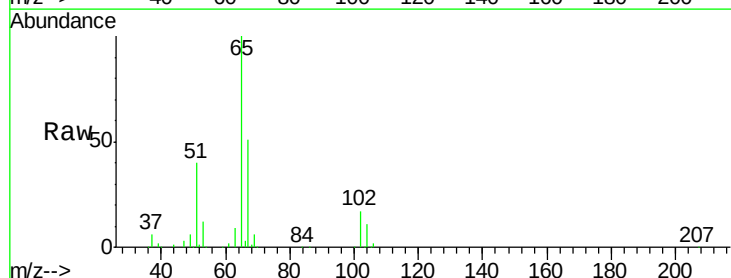
Acq: 18 Sep 2020 1:34

Tgt Ion: 65 Resp: 187780

Ion Ratio Lower Upper

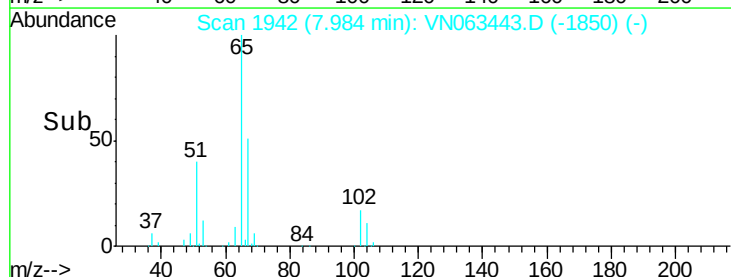
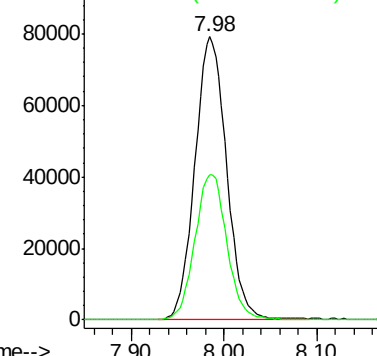
65 100

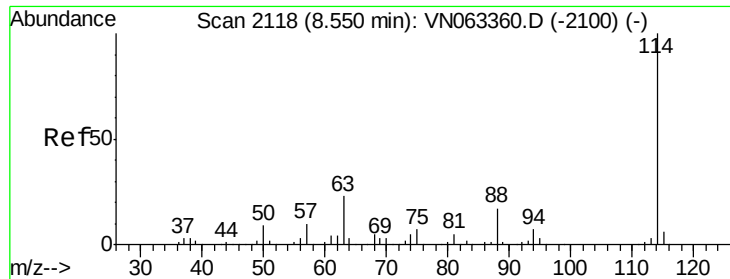
67 51.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

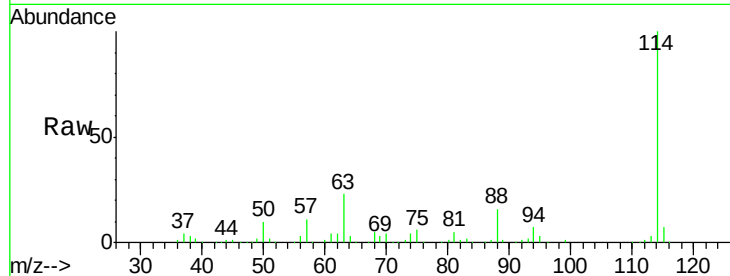




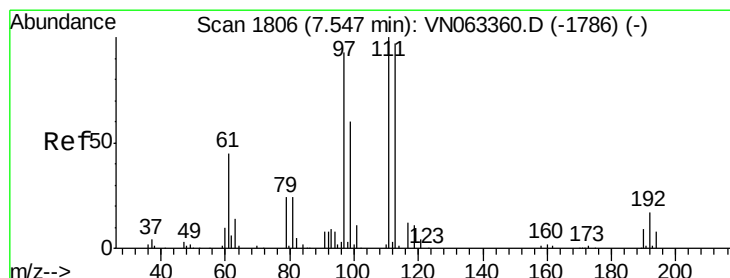
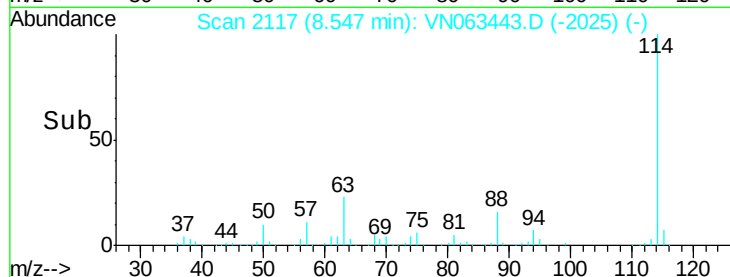
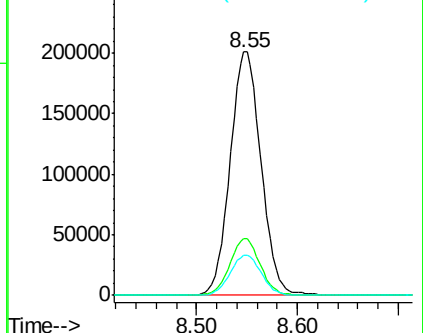
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN063443.D
Acq: 18 Sep 2020 1:34

Instrument :
MSVOA_N
ClientSampled :
B16-5-7

Tot Ion:114 Resp: 428401
Ion Ratio Lower Upper
114 100
63 23.4 0.0 46.4
88 16.3 0.0 33.2

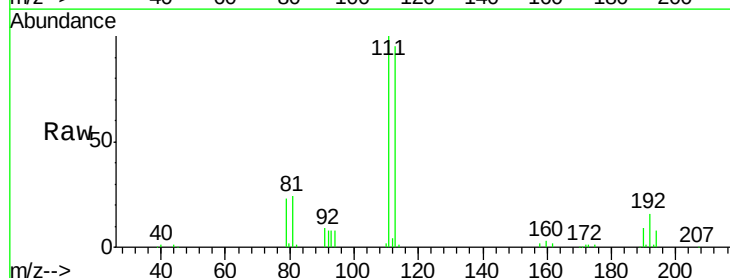


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

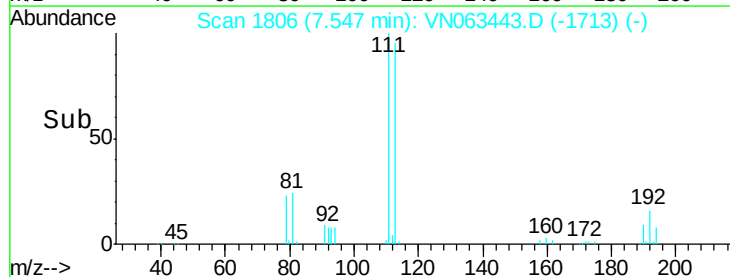
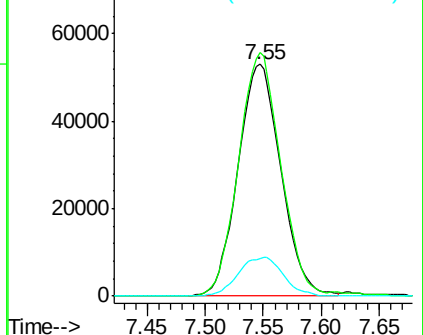


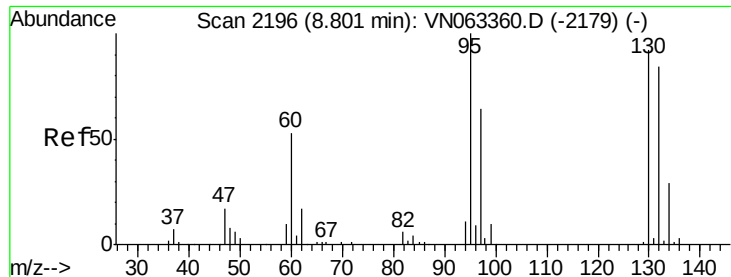
#35
Dibromofluoromethane
Concen: 45.983 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063443.D
Acq: 18 Sep 2020 1:34

Tgt Ion:113 Resp: 136374
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 17.6 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





#44

Trichloroethene

Concen: 2.334 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN063443.D

Acq: 18 Sep 2020 1:34

Instrument :

MSVOA_N

ClientSampleId :

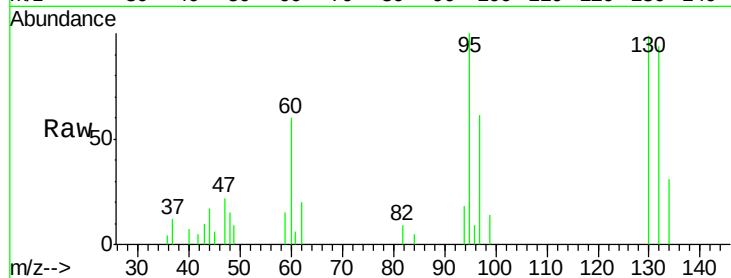
B16-5-7

Tot Ion:130 Resp: 7374

Ion Ratio Lower Upper

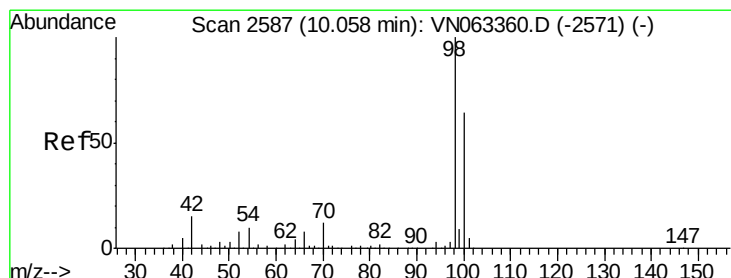
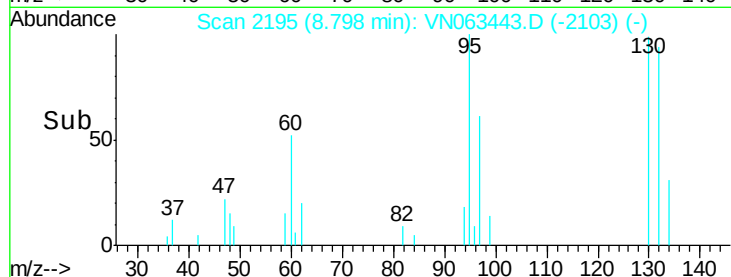
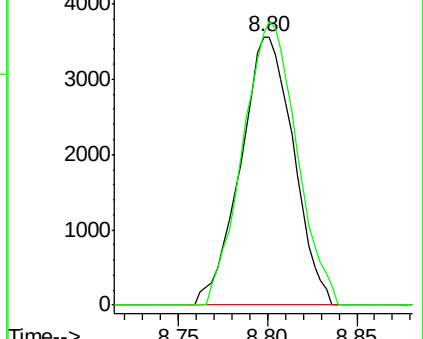
130 100

95 101.2 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)



#50

Toluene-d8

Concen: 49.236 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063443.D

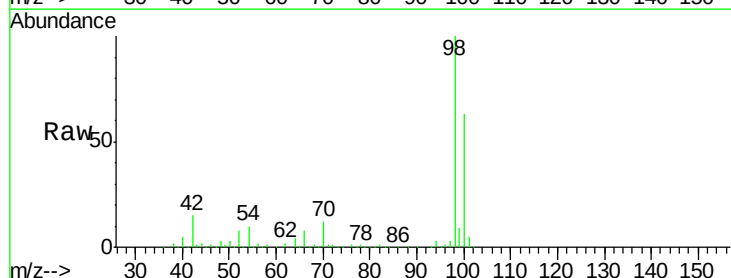
Acq: 18 Sep 2020 1:34

Tgt Ion: 98 Resp: 549070

Ion Ratio Lower Upper

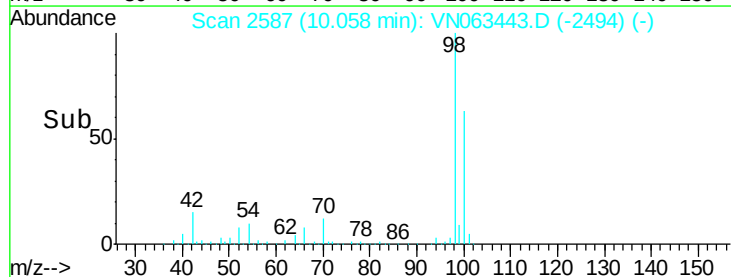
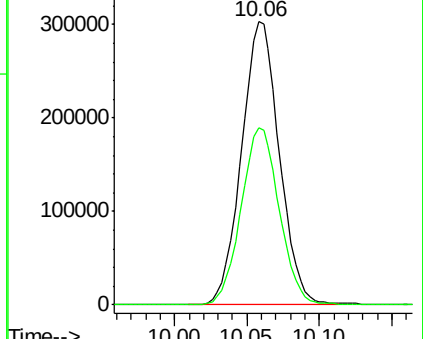
98 100

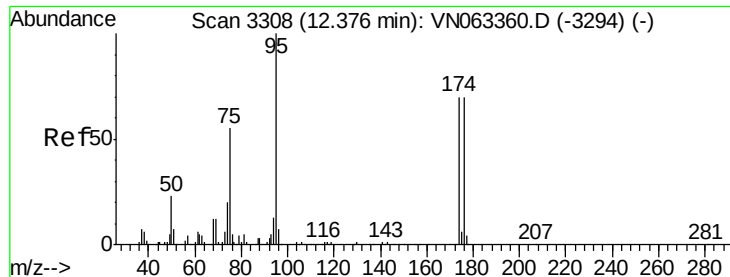
100 63.2 50.7 76.1



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

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

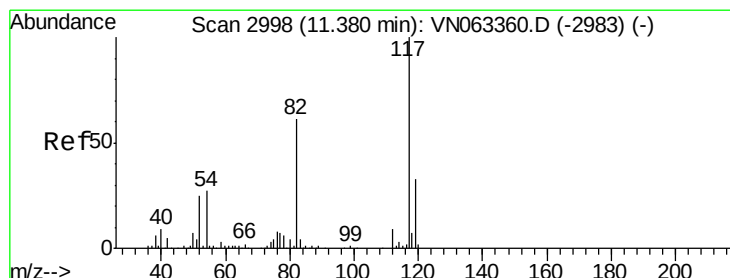
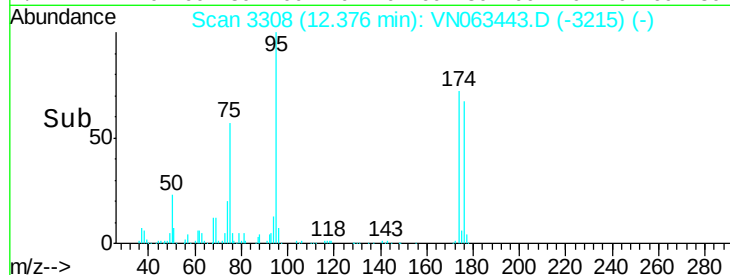
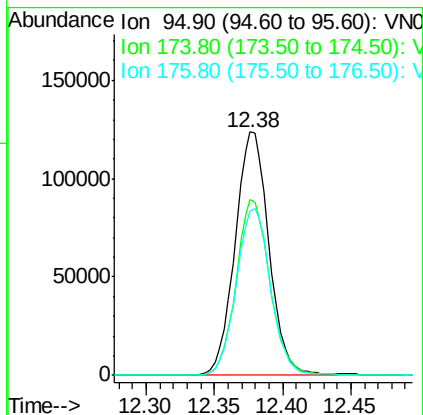
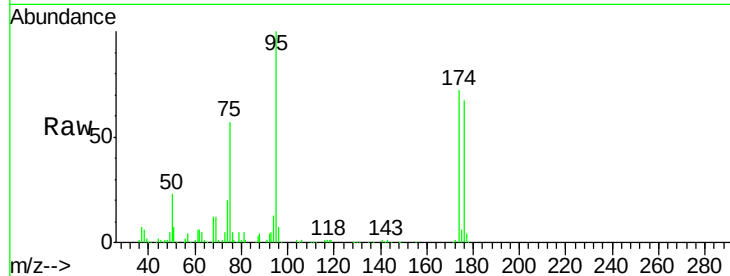




#62
4-Bromofluorobenzene
Concen: 52.165 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063443.D
Acq: 18 Sep 2020 1:34

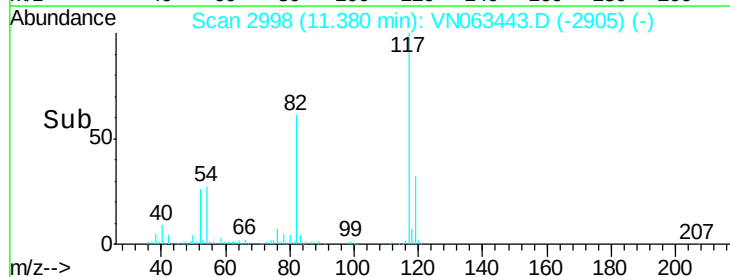
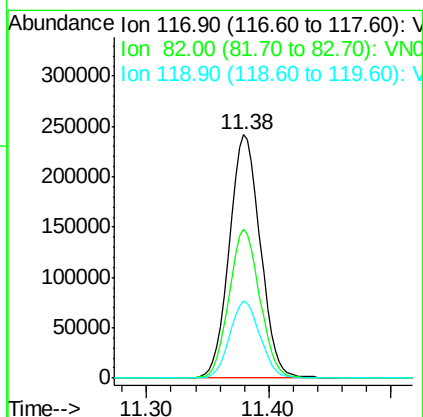
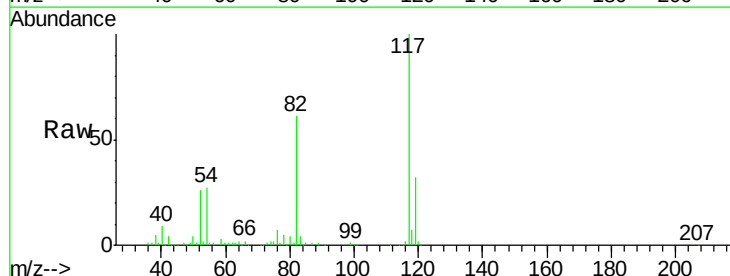
Instrument :
MSVOA_N
ClientSampleId :
B16-5-7

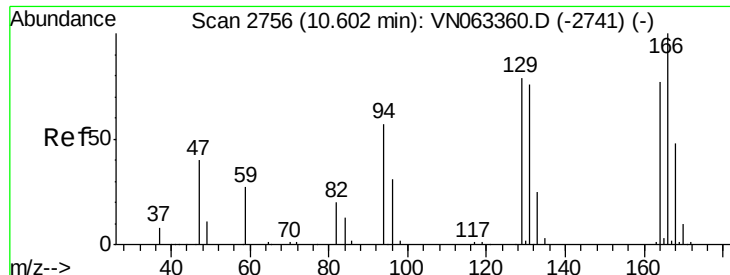
Tot Ion: 95 Resp: 213249
Ion Ratio Lower Upper
95 100
174 72.0 0.0 140.8
176 69.4 0.0 137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063443.D
Acq: 18 Sep 2020 1:34

Tgt Ion: 117 Resp: 428394
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 31.5 26.2 39.4





#64

Tetrachloroethene

Concen: 140.897 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063443.D

Acq: 18 Sep 2020 1:34

Instrument :

MSVOA_N

ClientSampled :

B16-5-7

Tot Ion:164 Resp: 411003

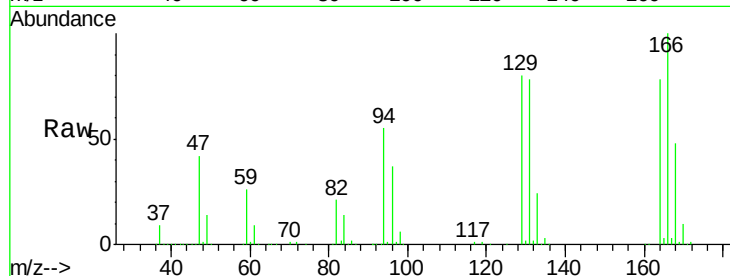
Ion Ratio Lower Upper

164 100

166 128.4 103.4 155.0

129 102.8 81.8 122.6

131 99.9 78.2 117.4

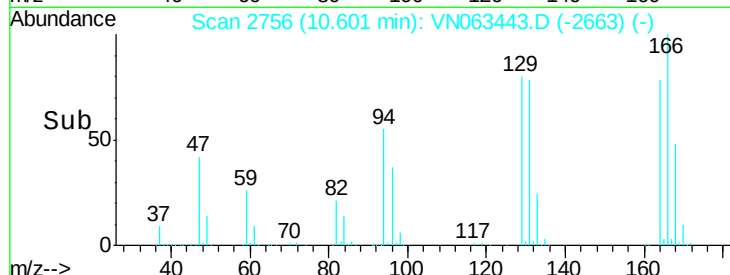


Abundance Ion 163.80 (163.50 to 164.50): V

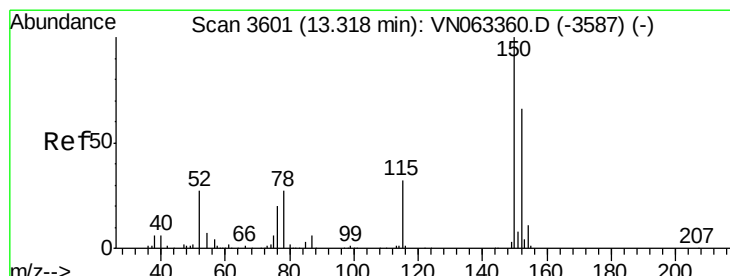
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time--> 10.50 10.60 10.70



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063443.D

Acq: 18 Sep 2020 1:34

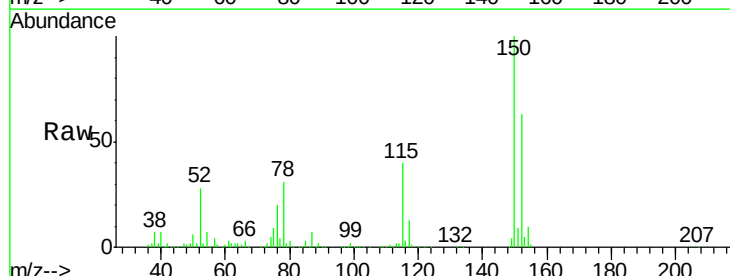
Tgt Ion:152 Resp: 188662

Ion Ratio Lower Upper

152 100

115 64.6 32.2 96.6

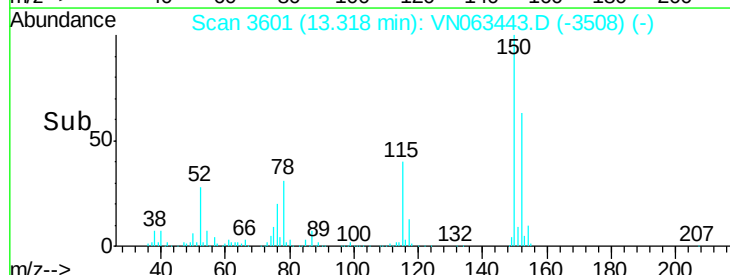
150 159.3 0.0 343.4



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



Time--> 13.25 13.30 13.35 13.40