

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063062.D
 Acq On : 21 Aug 2020 2:53
 Operator : JC/MD
 Sample : L3698-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0216

Quant Time: Aug 21 11:01:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

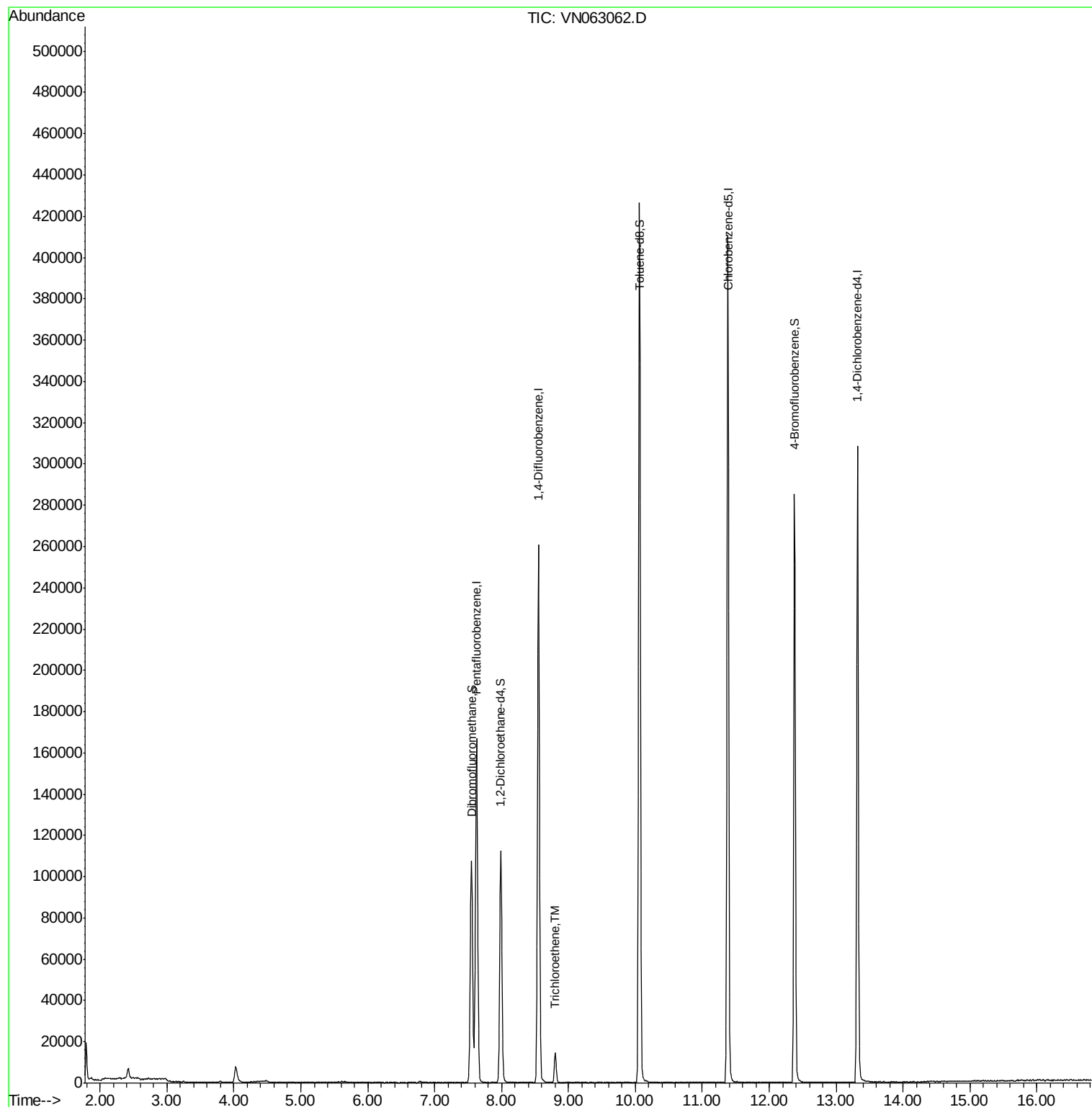
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	140164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	236010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	95720	57.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.24%	
35) Dibromofluoromethane	7.55	113	83791	54.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.98%	
50) Toluene-d8	10.06	98	307154	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.38	95	100026	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
Target Compounds						
44) Trichloroethene	8.80	130	6100	3.718	ug/l	Qvalue 90

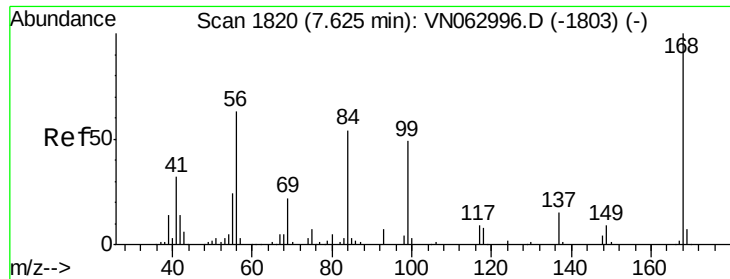
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063062.D

Acq: 21 Aug 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

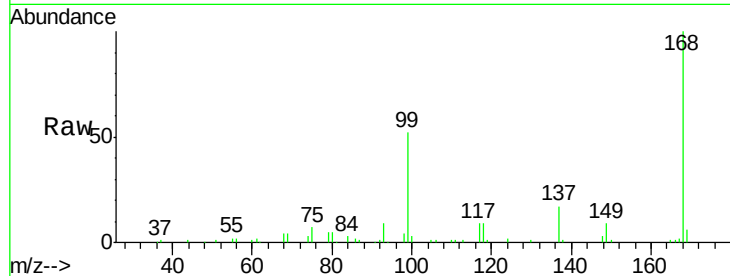
S39-0216

Tot Ion:168 Resp: 140164

Ion Ratio Lower Upper

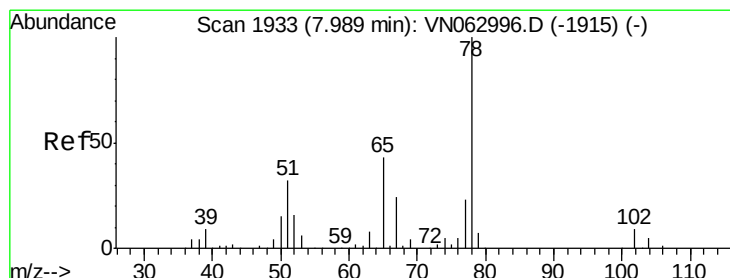
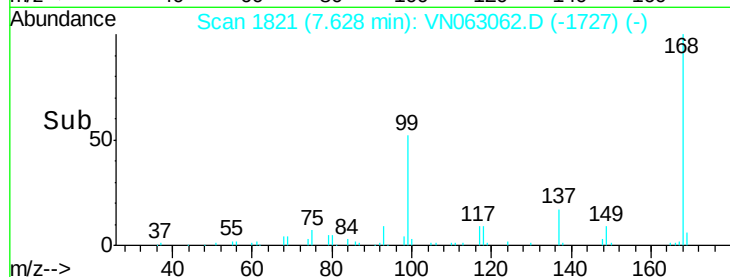
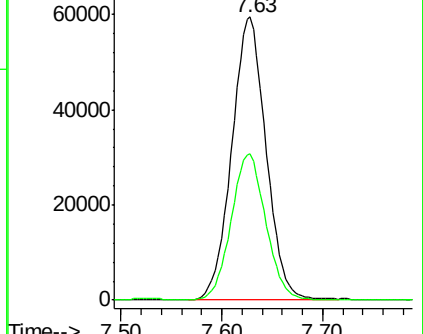
168 100

99 51.6 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 57.621 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN063062.D

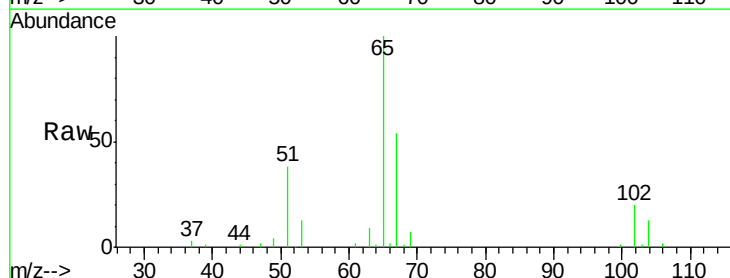
Acq: 21 Aug 2020 2:53

Tgt Ion: 65 Resp: 95720

Ion Ratio Lower Upper

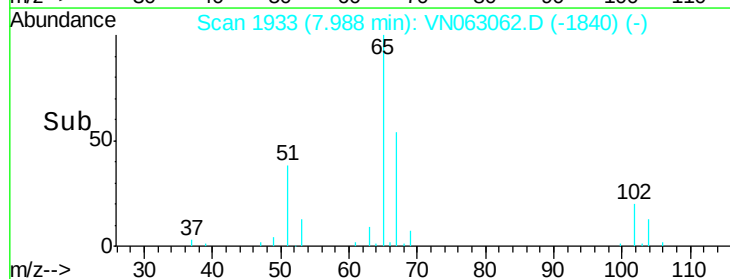
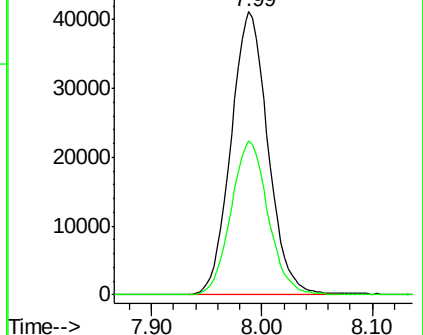
65 100

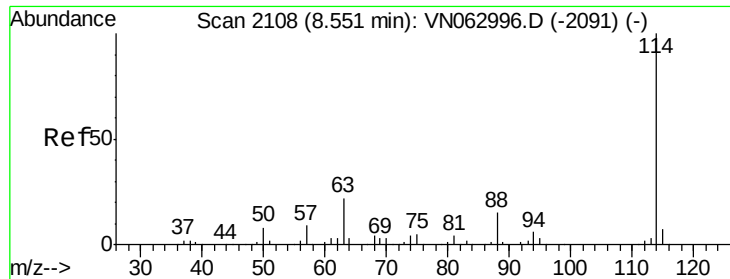
67 54.5 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

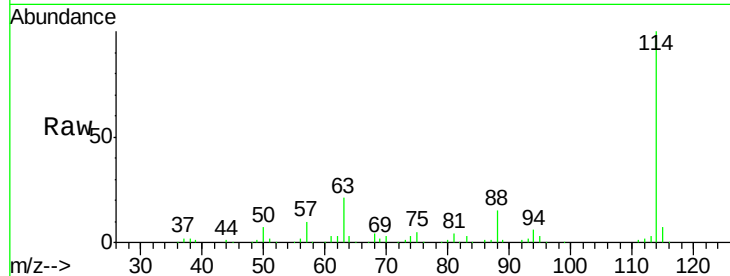




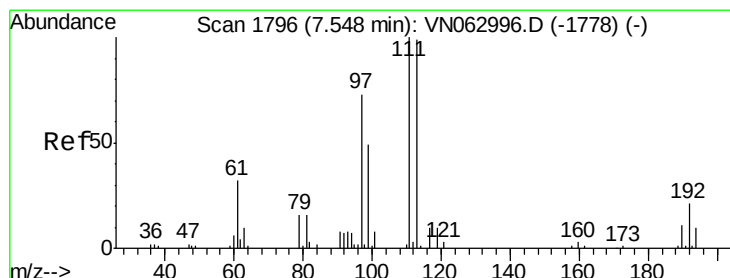
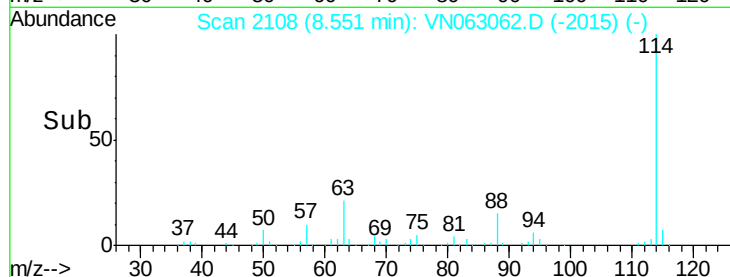
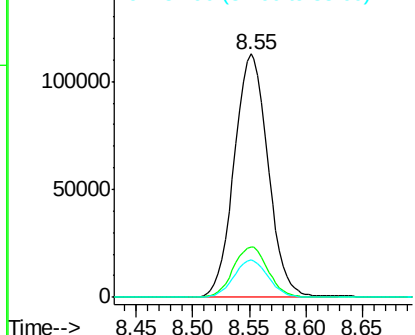
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN063062.D
Acq: 21 Aug 2020 2:53

Instrument :
MSVOA_N
ClientSampled :
S39-0216

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	15.4	0.0	30.6

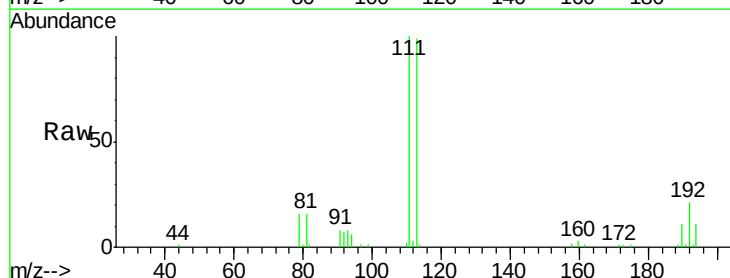


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

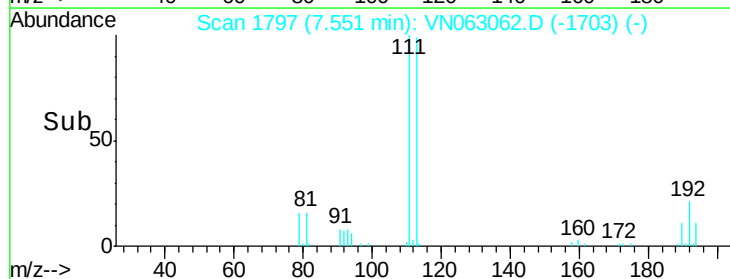
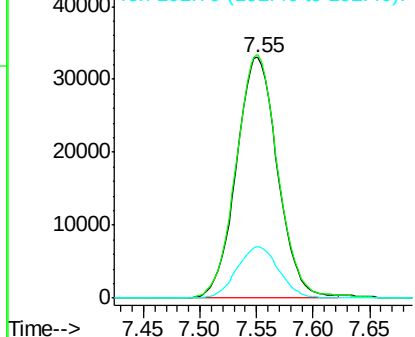


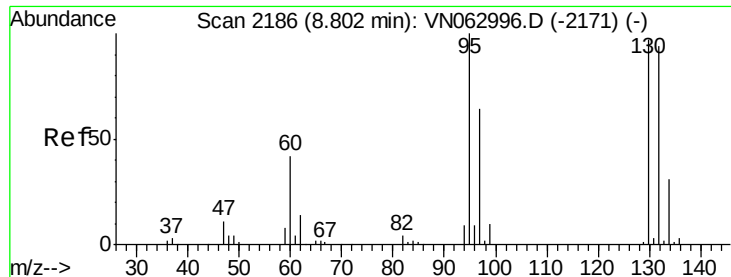
#35
Dibromofluoromethane
Concen: 54.486 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN063062.D
Acq: 21 Aug 2020 2:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	21.5	17.5	26.3



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

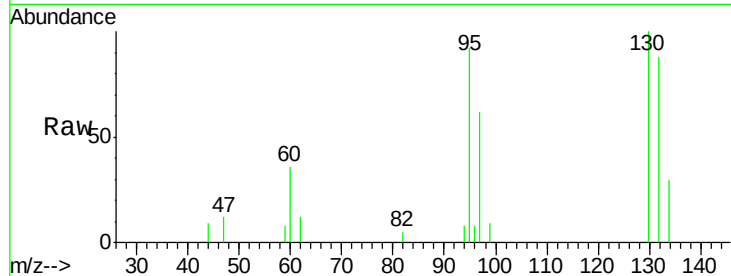




#44
 Trichloroethene
 Concen: 3.718 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VN063062.D
 Acq: 21 Aug 2020 2:53

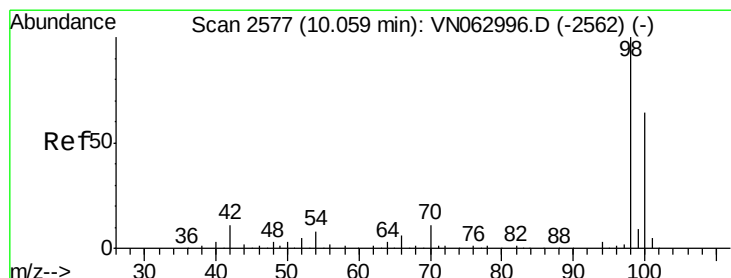
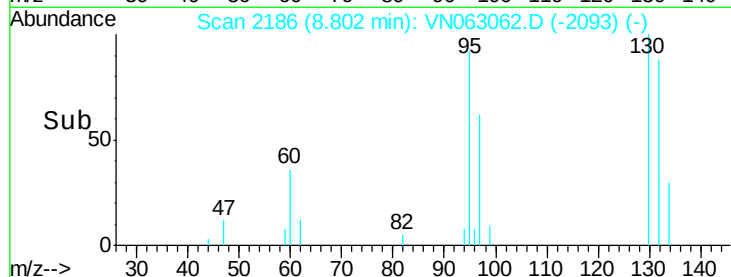
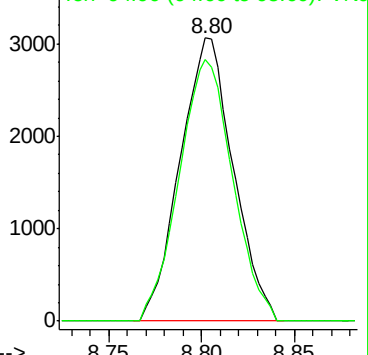
Instrument :
 MSVOA_N
 ClientSampleId :
 S39-0216

Tot Ion:130 Resp: 6100
 Ion Ratio Lower Upper
 130 100
 95 92.3 0.0 205.6



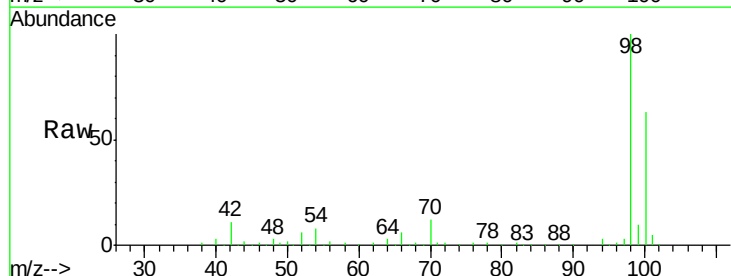
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



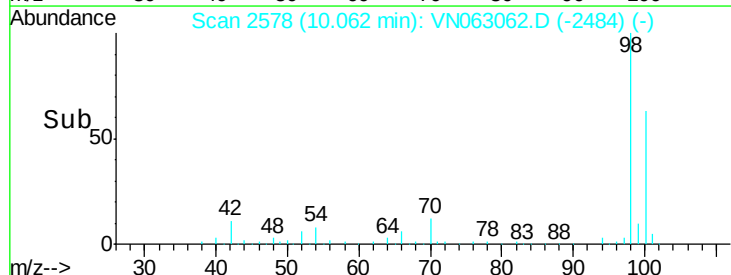
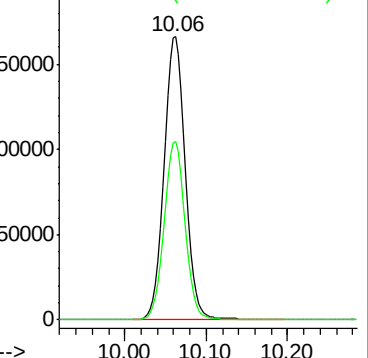
#50
 Toluene-d8
 Concen: 51.999 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN063062.D
 Acq: 21 Aug 2020 2:53

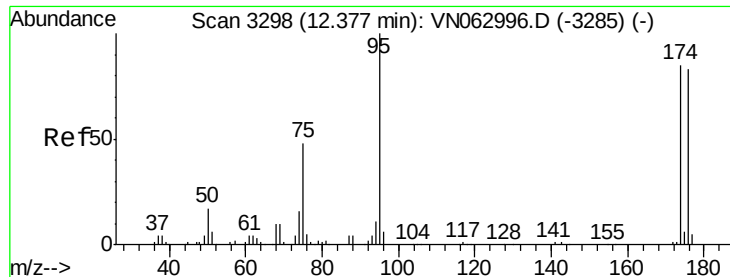
Tgt Ion: 98 Resp: 307154
 Ion Ratio Lower Upper
 98 100
 100 62.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 47.987 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063062.D

Acq: 21 Aug 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

S39-0216

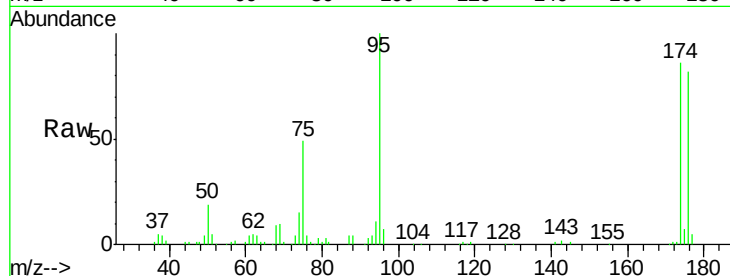
Tot Ion: 95 Resp: 100026

Ion Ratio Lower Upper

95 100

174 88.6 0.0 170.8

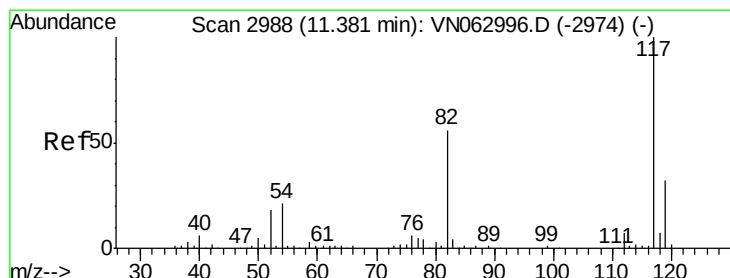
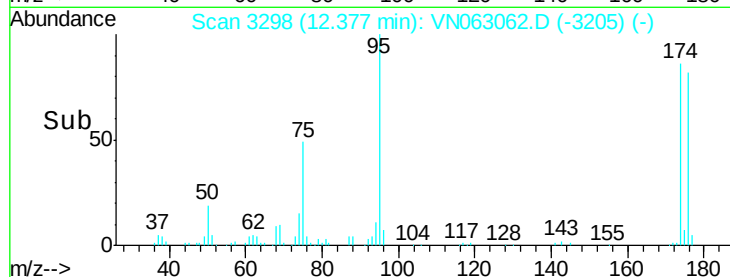
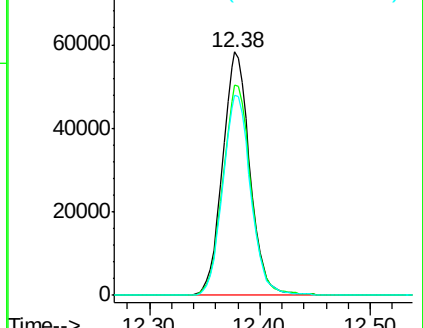
176 84.1 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN063062.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN063062.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN063062.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063062.D

Acq: 21 Aug 2020 2:53

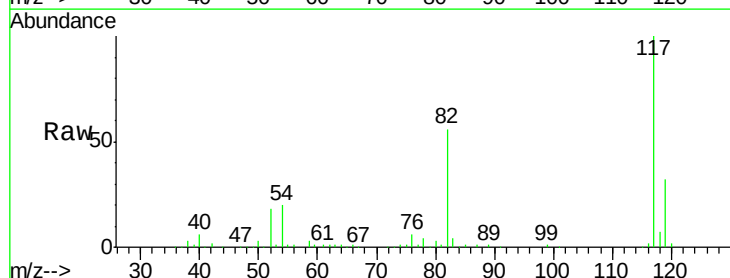
Tgt Ion: 117 Resp: 245739

Ion Ratio Lower Upper

117 100

82 55.8 44.5 66.7

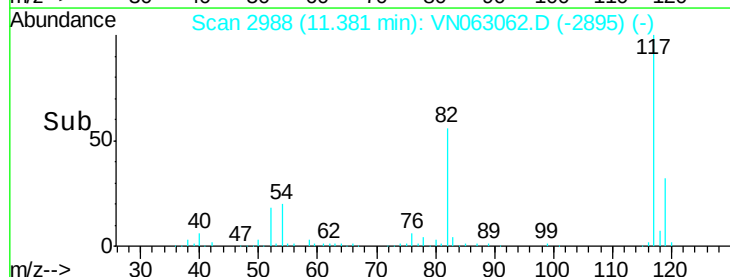
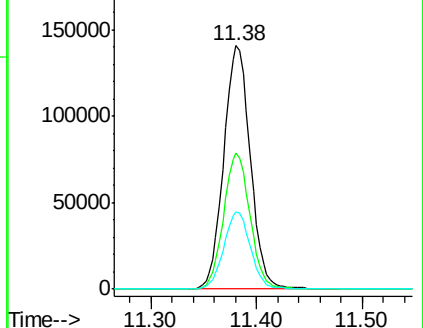
119 31.8 25.5 38.3

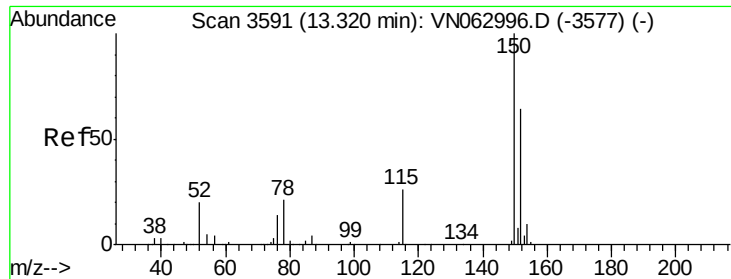


Abundance Ion 116.90 (116.60 to 117.60): VN063062.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN063062.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN063062.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063062.D

Acq: 21 Aug 2020 2:53

Instrument :

MSVOA_N

ClientSampleId :

S39-0216

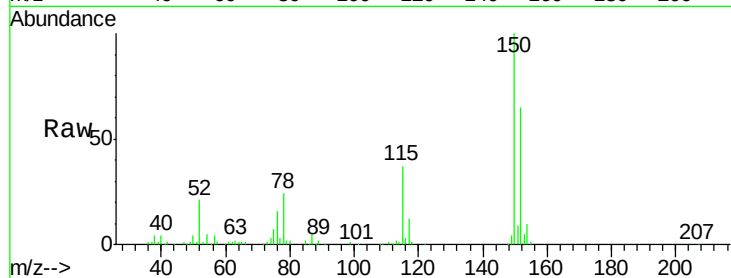
Tot Ion:152 Resp: 89104

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.3

150 156.6 0.0 348.8



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

