

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063667.D
 Acq On : 25 Sep 2020 7:49
 Operator : JC/MD
 Sample : L4114-09 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 67-68-73-74

Quant Time: Sep 25 08:36:57 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

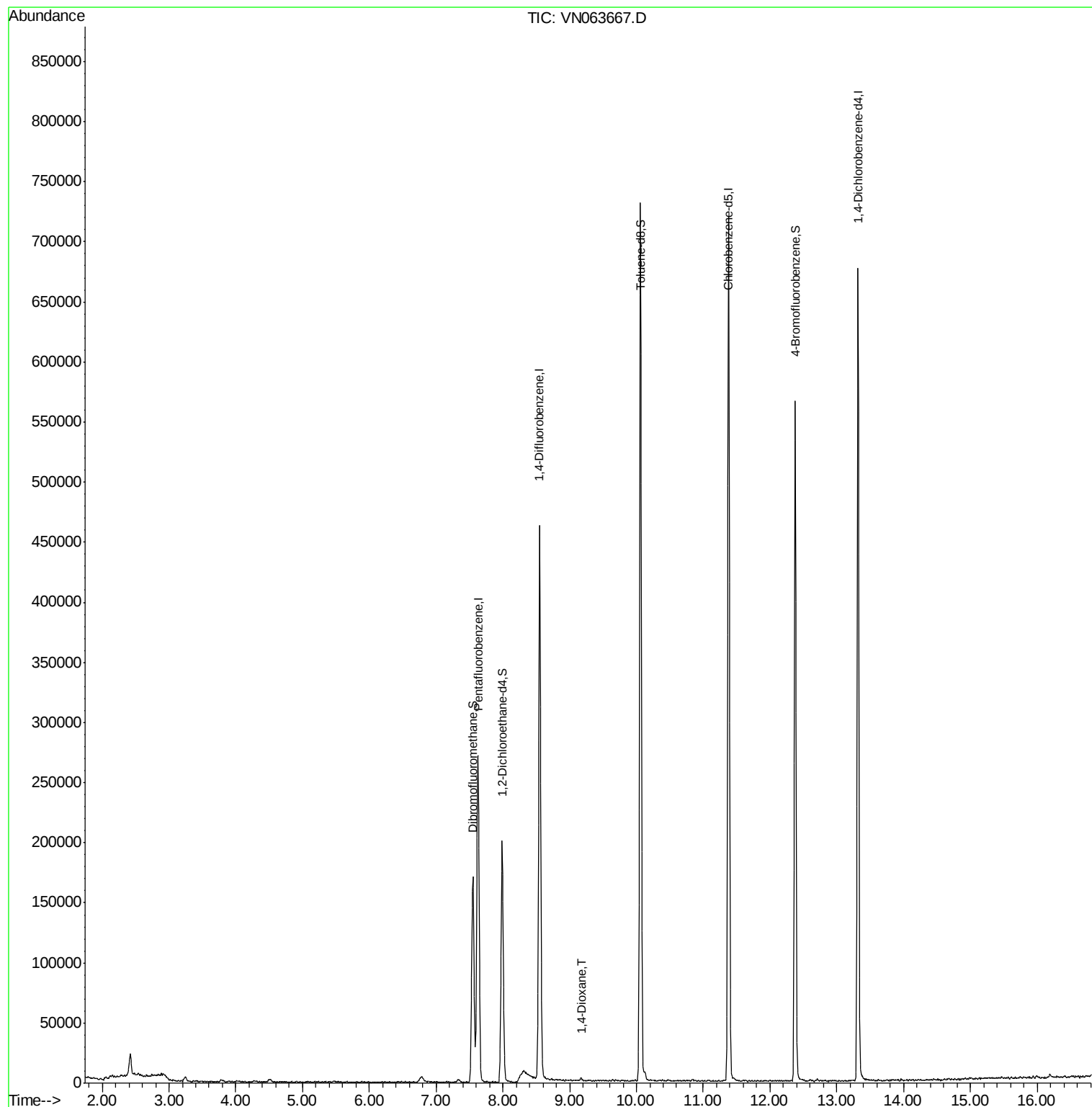
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	198562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	375135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	379011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	179880	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
35) Dibromofluoromethane	7.55	113	125050	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
50) Toluene-d8	10.06	98	481099	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.38	95	185377	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
Target Compounds						
49) 1,4-Dioxane	9.17	88	972	19.656	ug/l #	Qvalue 71

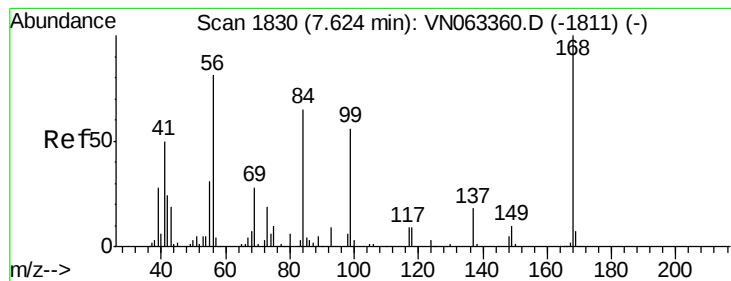
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1830

Delta R.T. -0.00 min

Lab File: VN063667.D

Acq: 25 Sep 2020 7:49

Instrument :

MSVOA_N

ClientSampleId :

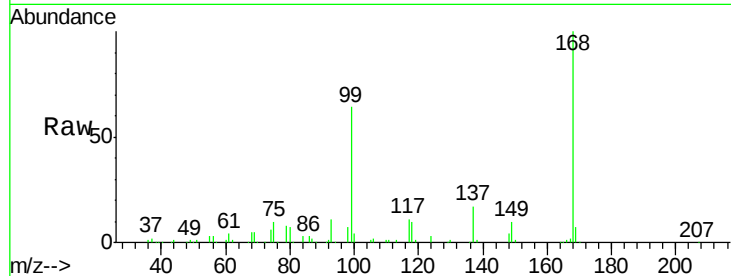
67-68-73-74

Tot Ion:168 Resp: 198562

Ion Ratio Lower Upper

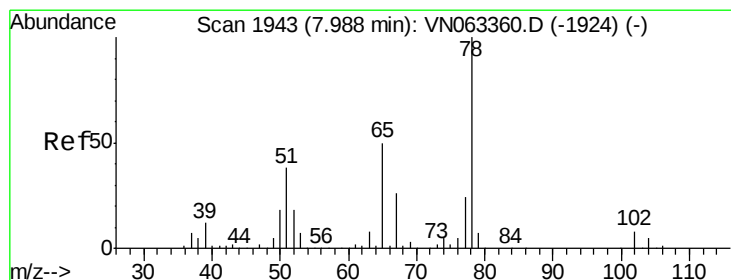
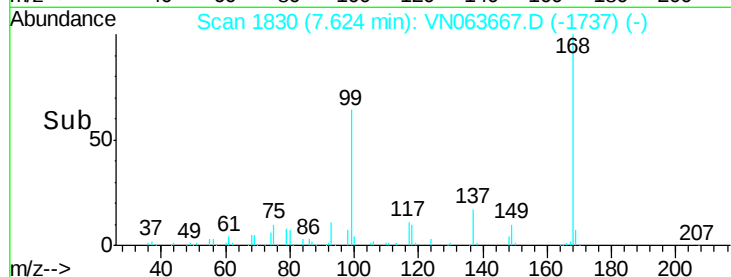
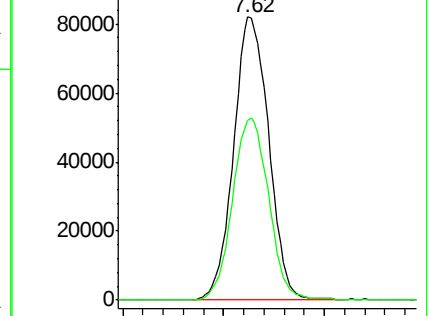
168 100

99 63.5 53.0 79.6



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: 53.218 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063667.D

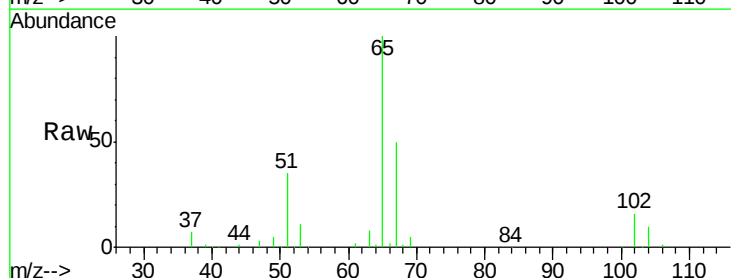
Acq: 25 Sep 2020 7:49

Tgt Ion: 65 Resp: 179880

Ion Ratio Lower Upper

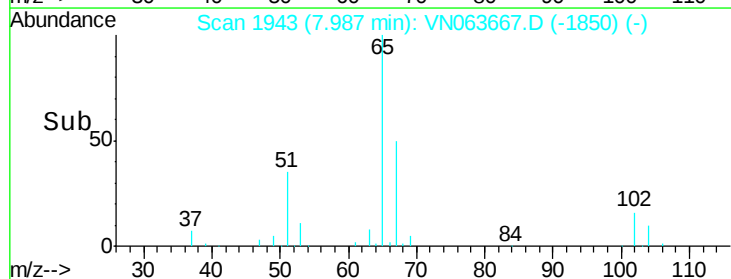
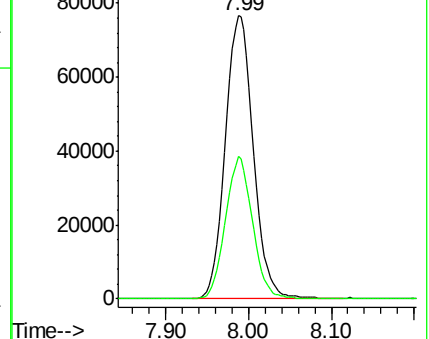
65 100

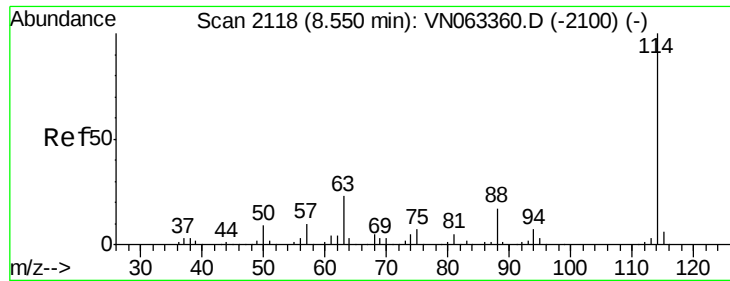
67 48.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

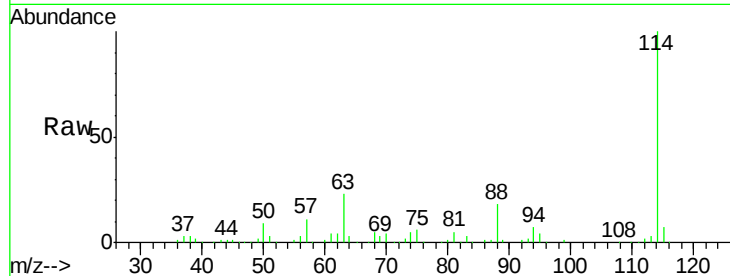




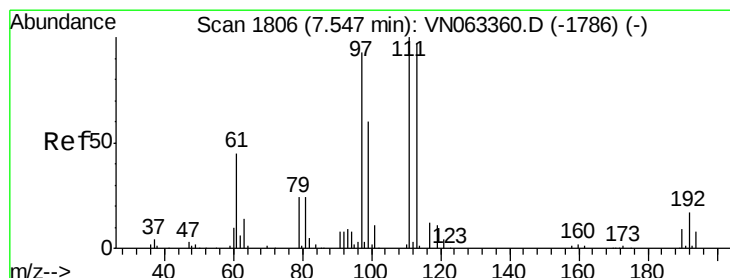
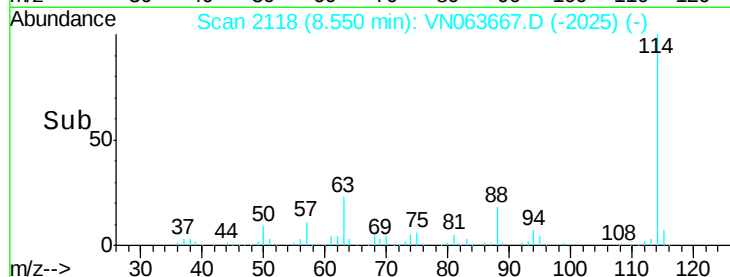
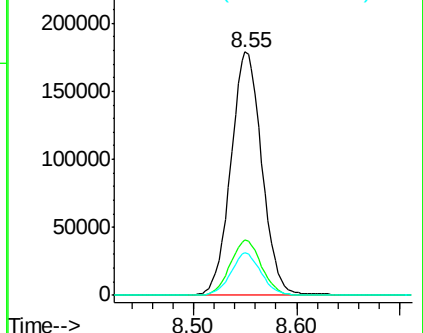
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063667.D
Acq: 25 Sep 2020 7:49

Instrument :
MSVOA_N
ClientSampleId :
67-68-73-74

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	46.4
88	17.6	0.0	33.2

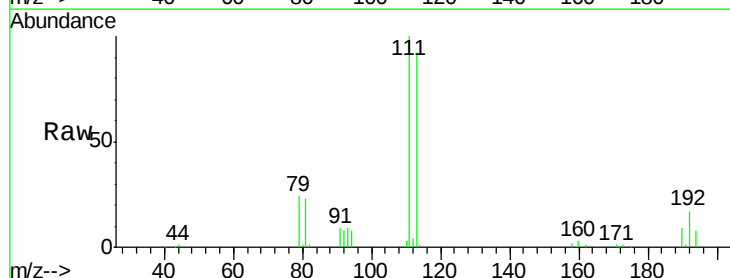


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

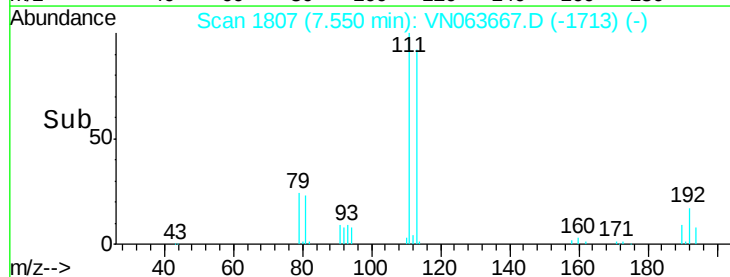
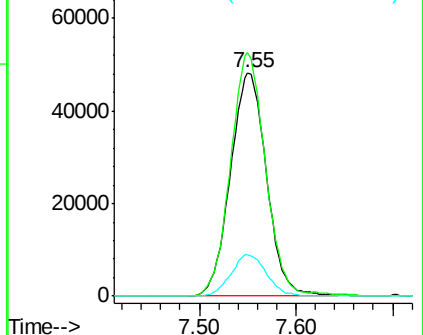


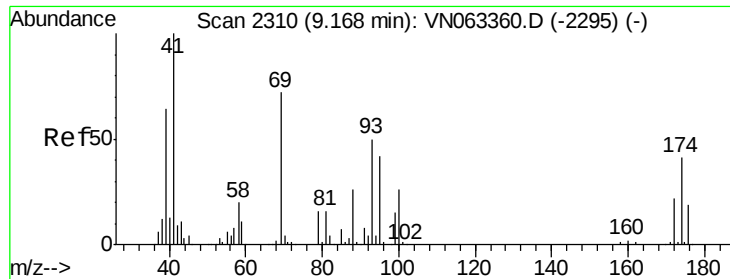
#35
Dibromofluoromethane
Concen: 48.152 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063667.D
Acq: 25 Sep 2020 7:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.9	124.3
192	18.1	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





#49

1,4-Dioxane

Concen: 19.656 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN063667.D

Acq: 25 Sep 2020 7:49

Instrument :

MSVOA_N

ClientSampled :

67-68-73-74

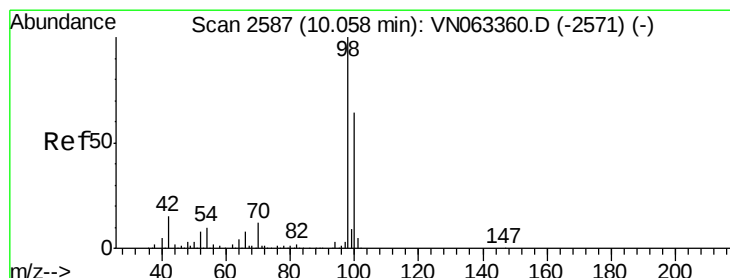
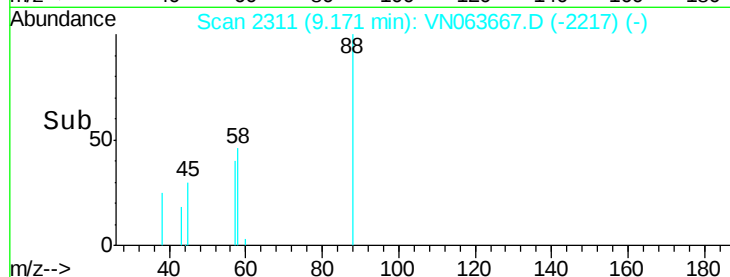
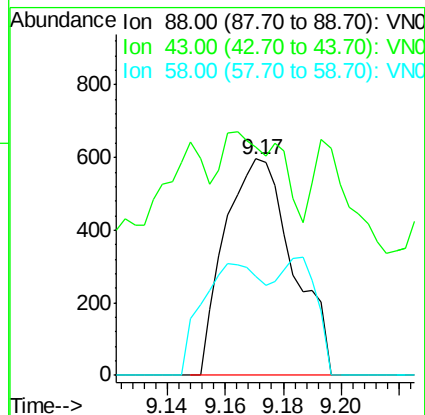
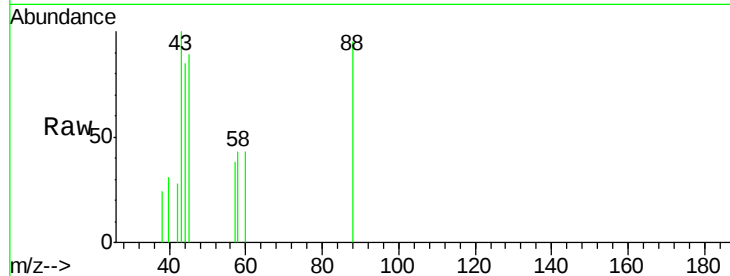
Tot Ion: 88 Resp: 972

Ion Ratio Lower Upper

88 100

43 52.3 32.6 49.0#

58 45.5 60.0 90.0#



#50

Toluene-d8

Concen: 49.267 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063667.D

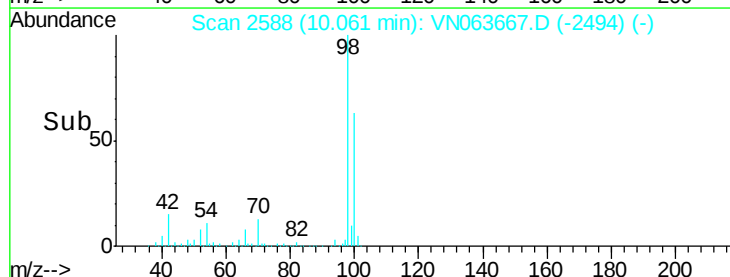
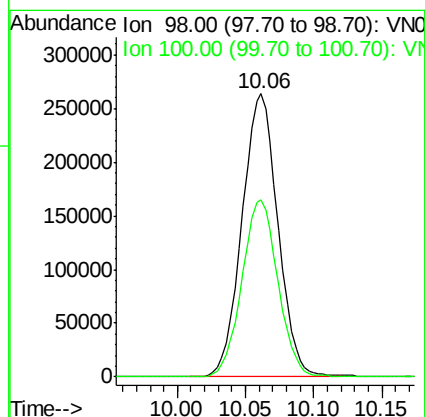
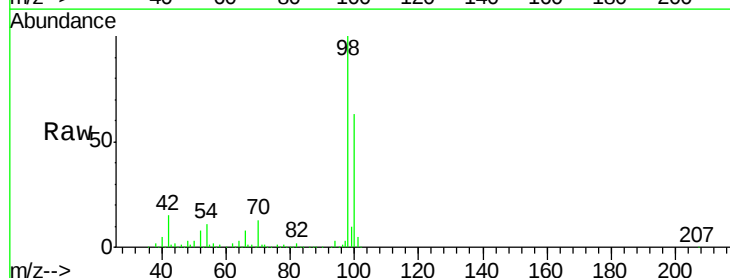
Acq: 25 Sep 2020 7:49

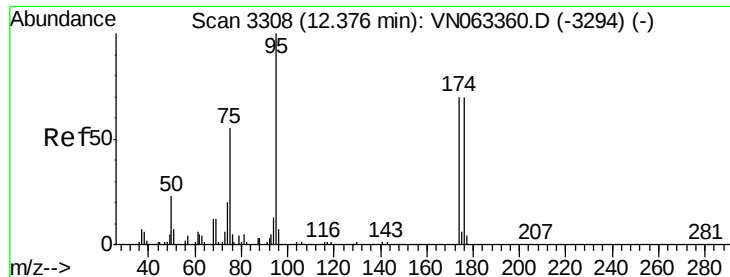
Tgt Ion: 98 Resp: 481099

Ion Ratio Lower Upper

98 100

100 62.8 50.7 76.1

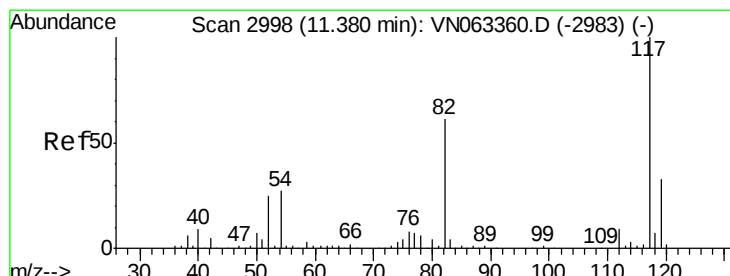
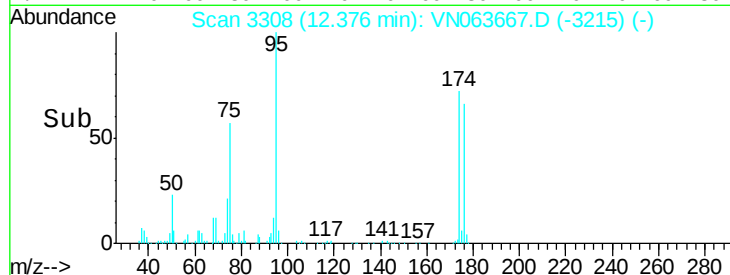
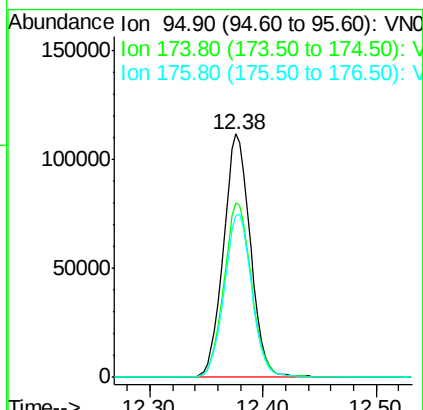
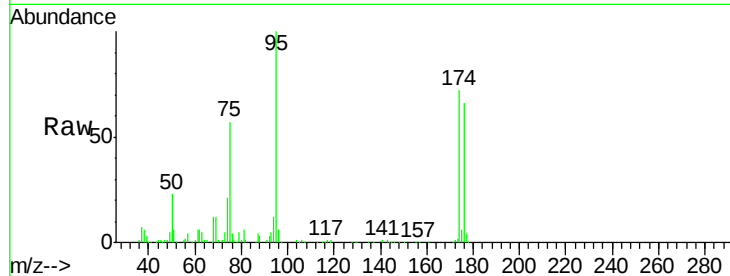




#62
4-Bromofluorobenzene
Concen: 51.785 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063667.D
Acq: 25 Sep 2020 7:49

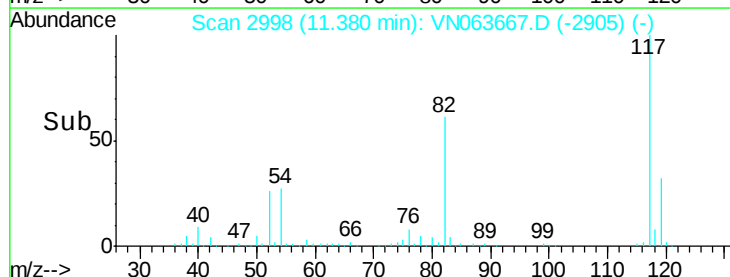
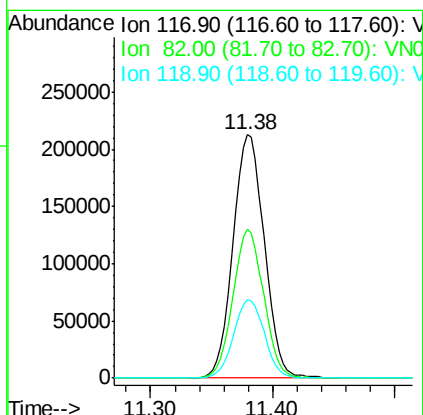
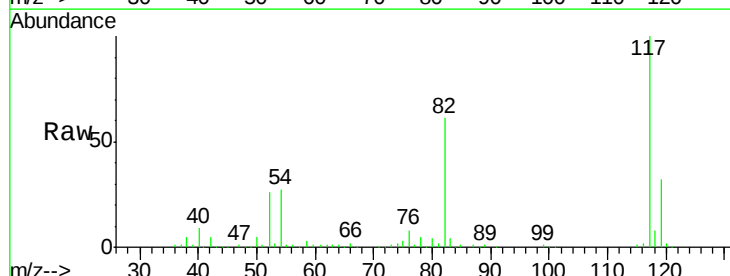
Instrument :
MSVOA_N
ClientSampled :
67-68-73-74

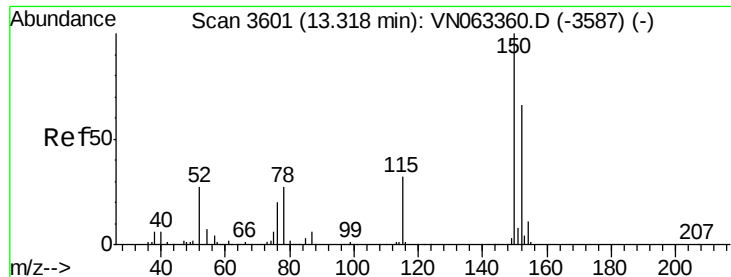
Tot Ion	95	Resp	185377
Ion Ratio	100	Lower	Upper
174	73.1	0.0	140.8
176	68.3	0.0	137.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063667.D
Acq: 25 Sep 2020 7:49

Tgt Ion	117	Resp	379011
Ion Ratio	100	Lower	Upper
82	60.9	49.2	73.8
119	32.2	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063667.D

Acq: 25 Sep 2020 7:49

Instrument :

MSVOA_N

ClientSampleId :

67-68-73-74

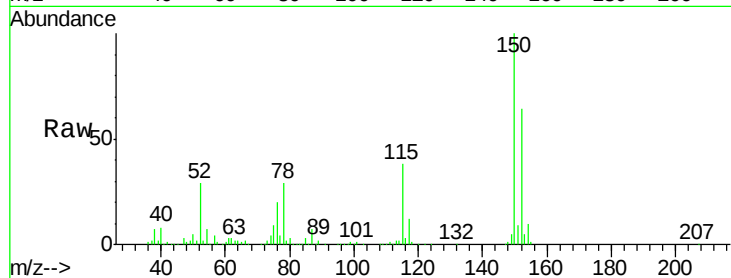
Tot Ion:152 Resp: 159519

Ion Ratio Lower Upper

152 100

115 63.8 32.2 96.6

150 158.5 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

