

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063137.D
 Acq On : 26 Aug 2020 16:59
 Operator : JC/MD
 Sample : L3787-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1498

Quant Time: Aug 27 01:20:10 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

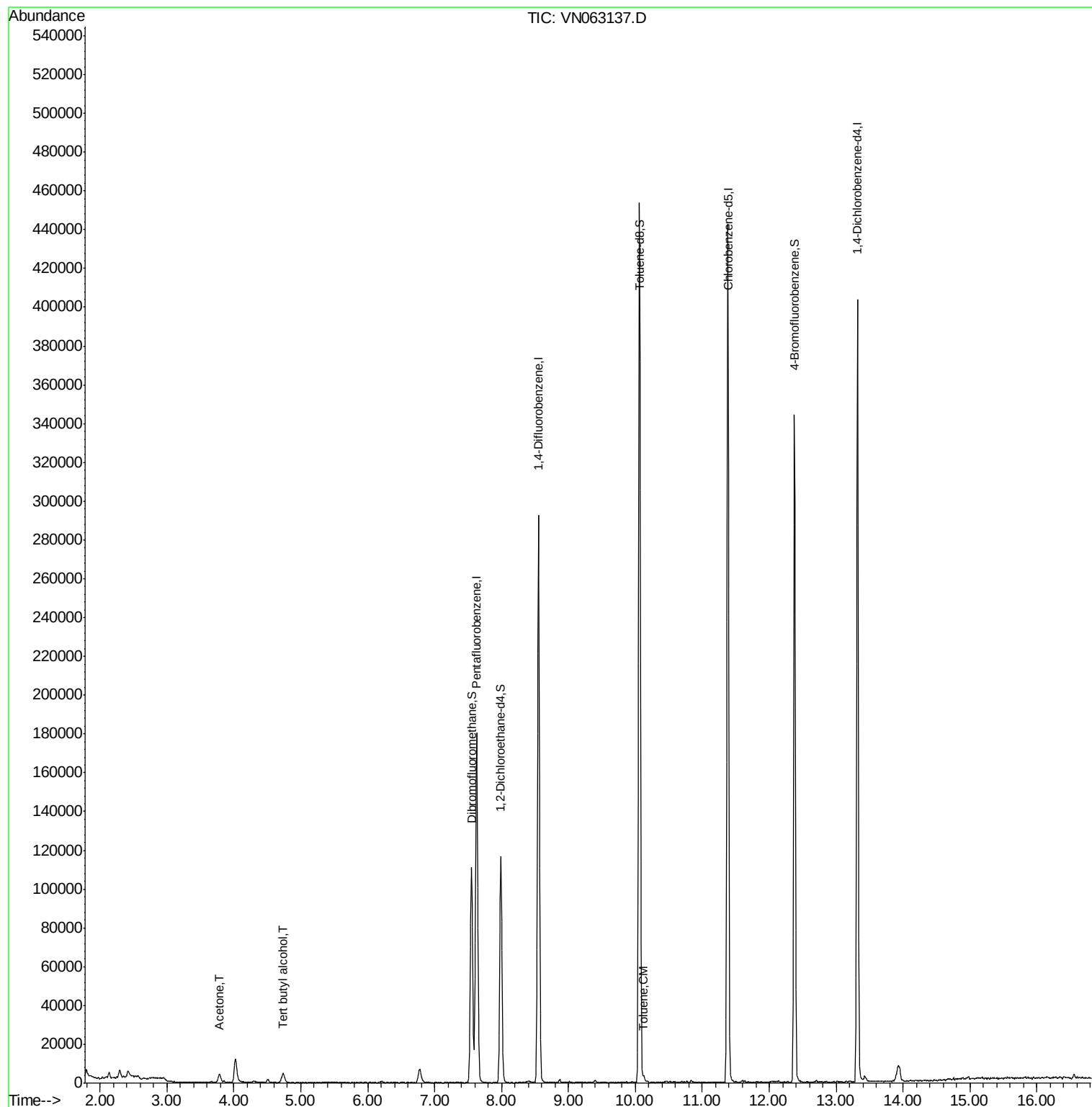
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	154556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	259865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	266628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	97051	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
35) Dibromofluoromethane	7.55	113	86110	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	10.06	98	331026	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.38	95	121685	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
Target Compounds						
11) Tert butyl alcohol	4.73	59	9859	37.998	ug/l #	94
16) Acetone	3.78	43	8634	11.371	ug/l	96
52) Toluene	10.13	92	1188	0.271	ug/l	96

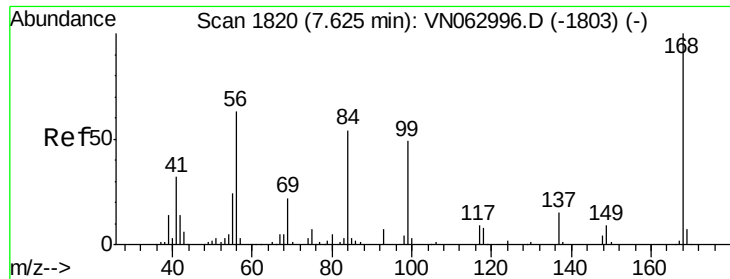
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082620\
Data File : VN063137.D
Acq On : 26 Aug 2020 16:59
Operator : JC/MD
Sample : L3787-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1498

Quant Time: Aug 27 01:20:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
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: VN063137.D

Acq: 26 Aug 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

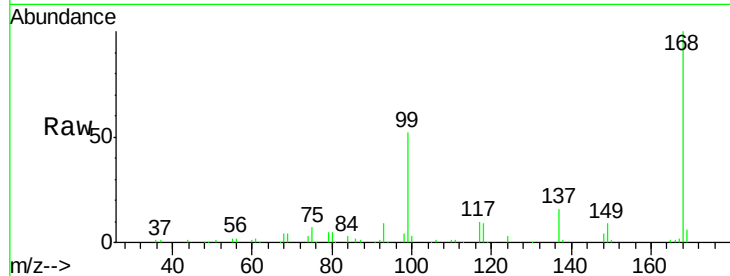
1498

Tot Ion:168 Resp: 154556

Ion Ratio Lower Upper

168 100

99 52.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

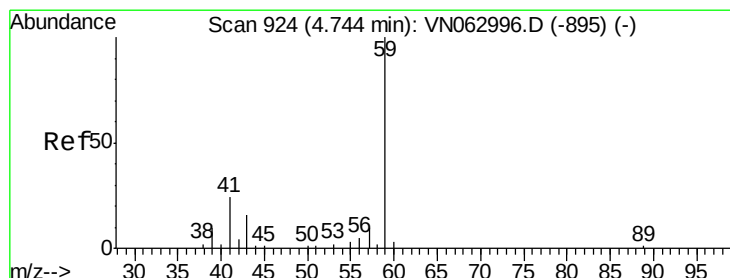
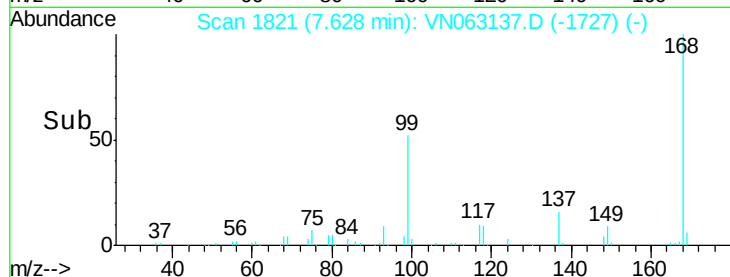
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 37.998 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.01 min

Lab File: VN063137.D

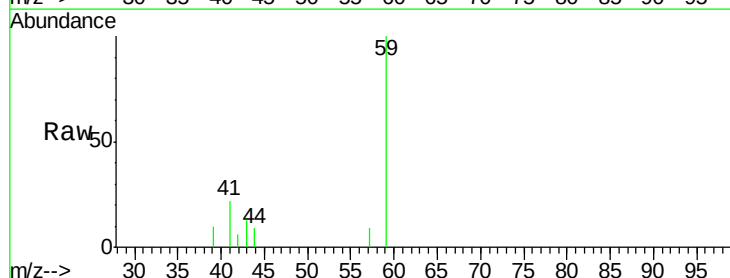
Acq: 26 Aug 2020 16:59

Tgt Ion: 59 Resp: 9859

Ion Ratio Lower Upper

59 100

57 7.5 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

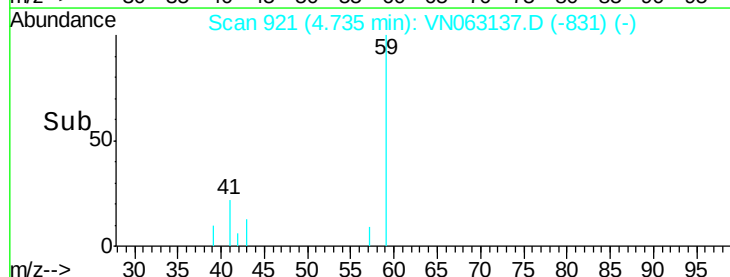
3000

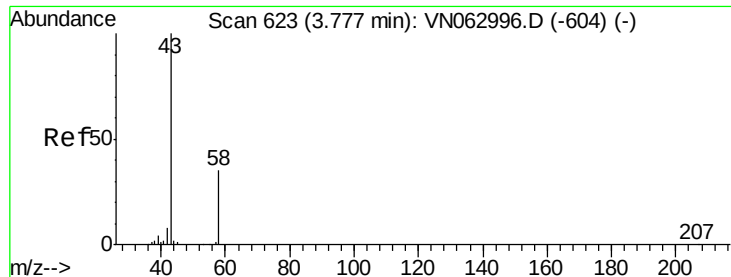
2000

1000

0

Time--> 4.70 4.80





#16

Acetone

Concen: 11.371 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN063137.D

Acq: 26 Aug 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

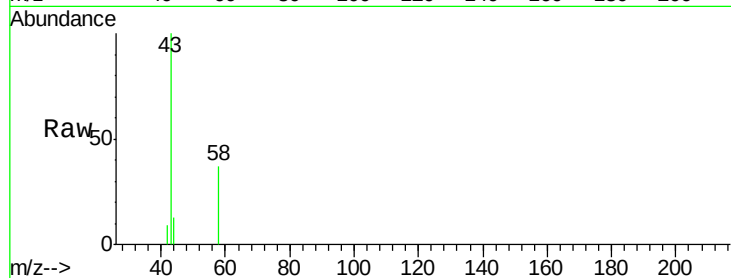
1498

Tot Ion: 43 Resp: 8634

Ion Ratio Lower Upper

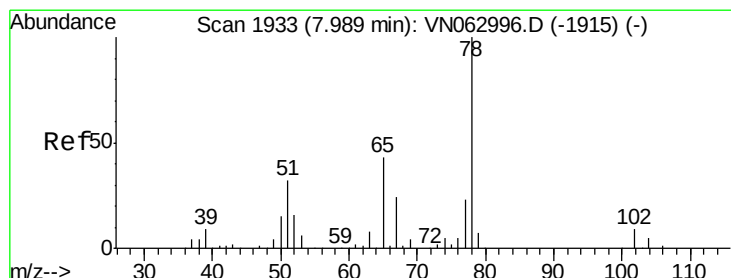
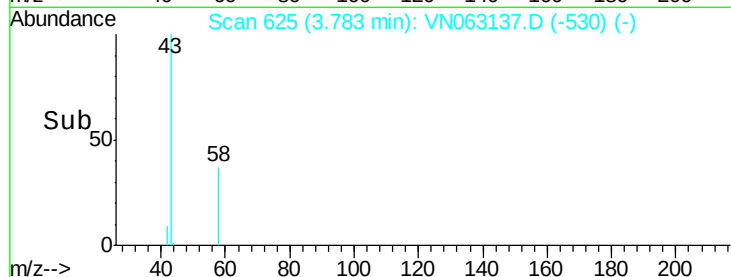
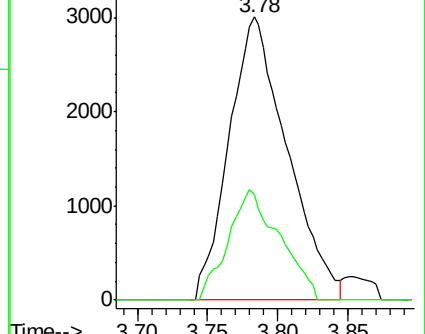
43 100

58 37.2 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-604) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.982 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN063137.D

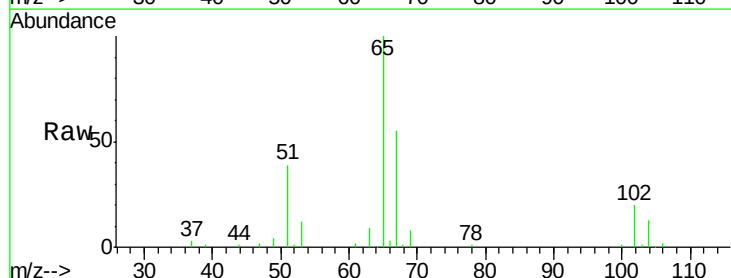
Acq: 26 Aug 2020 16:59

Tgt Ion: 65 Resp: 97051

Ion Ratio Lower Upper

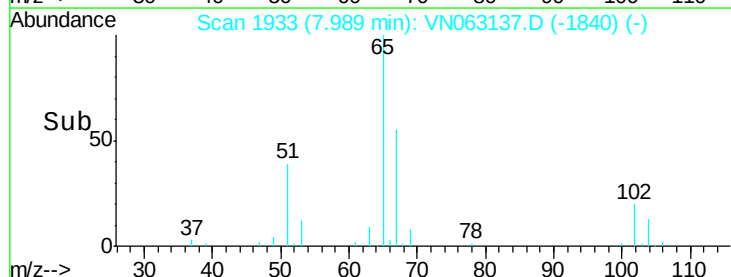
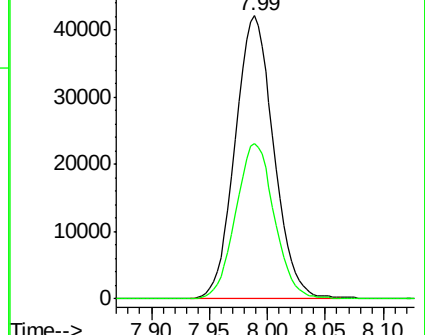
65 100

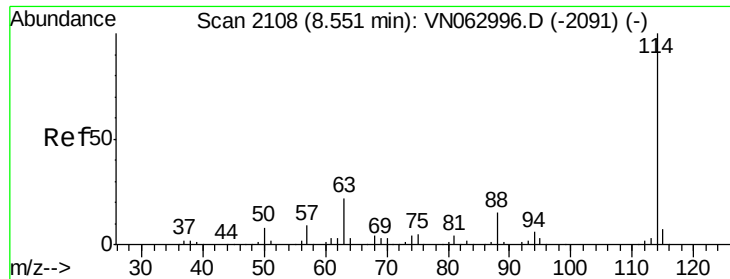
67 54.9 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN062996.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062996.D (-1915) (-)

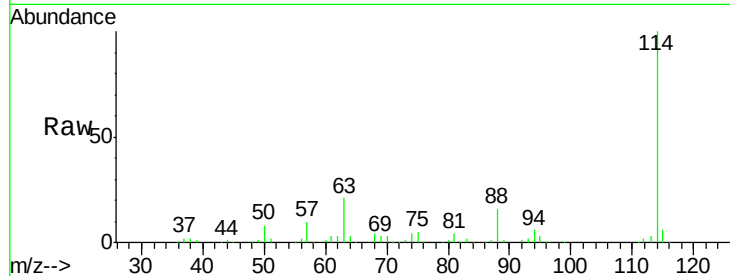




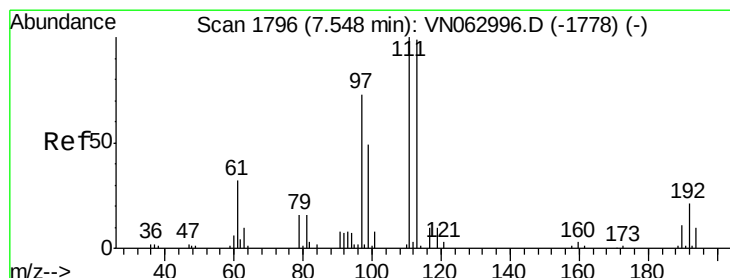
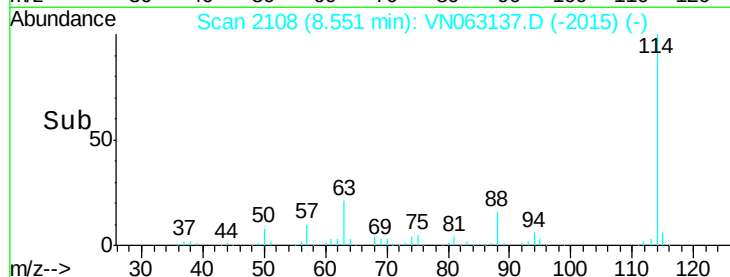
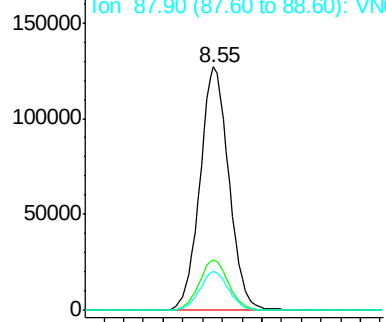
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN063137.D
Acq: 26 Aug 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :
1498

Tot Ion:114 Resp: 259865
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.2
88 15.9 0.0 30.6

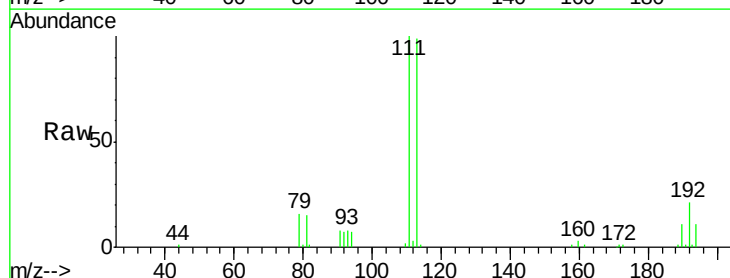


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

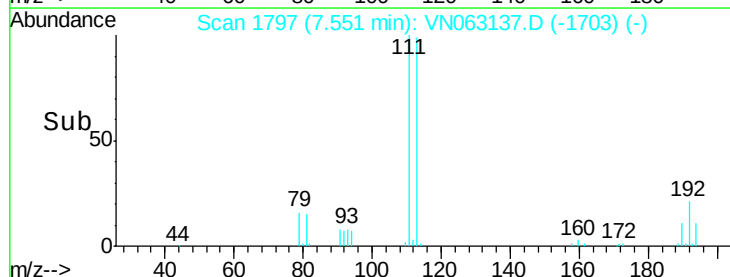
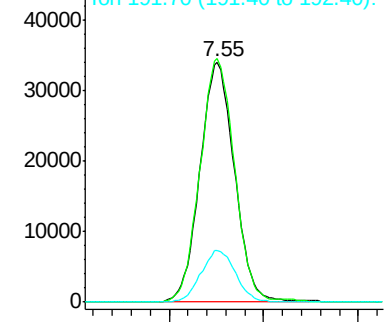


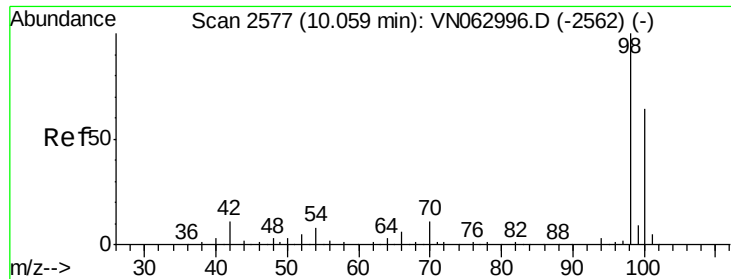
#35
Dibromofluoromethane
Concen: 50.854 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN063137.D
Acq: 26 Aug 2020 16:59

Tgt Ion:113 Resp: 86110
Ion Ratio Lower Upper
113 100
111 101.0 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





#50

Toluene-d8

Concen: 50.896 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN063137.D

Acq: 26 Aug 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

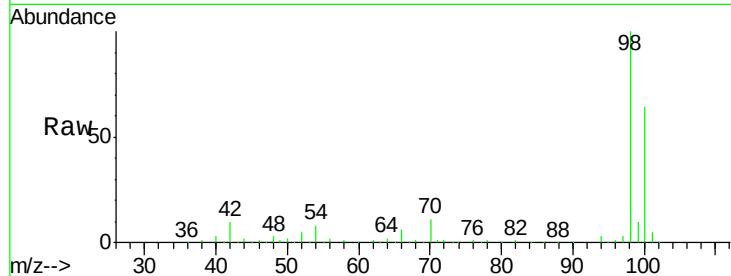
1498

Tot Ion: 98 Resp: 331026

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

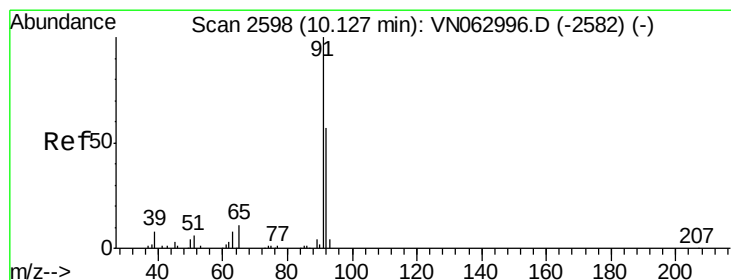
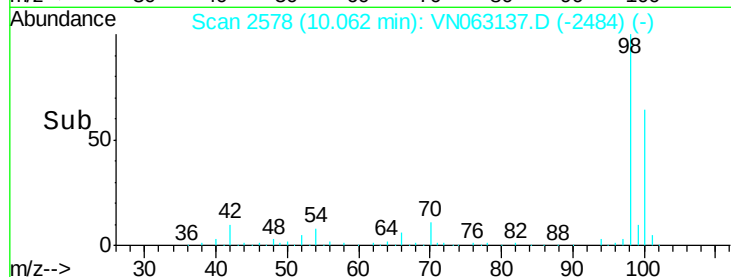
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 0.271 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN063137.D

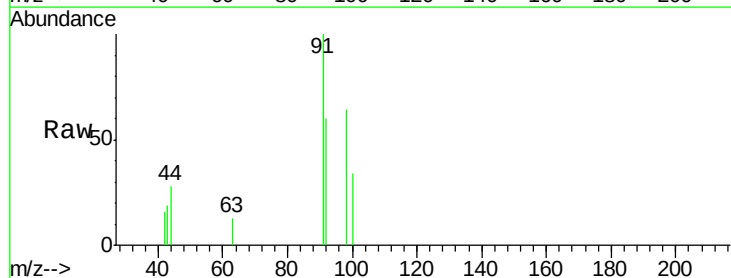
Acq: 26 Aug 2020 16:59

Tgt Ion: 92 Resp: 1188

Ion Ratio Lower Upper

92 100

91 179.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

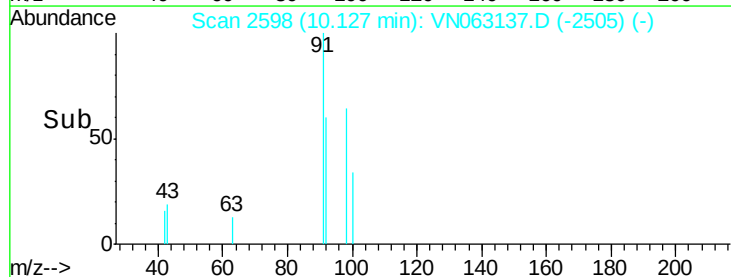
10.13

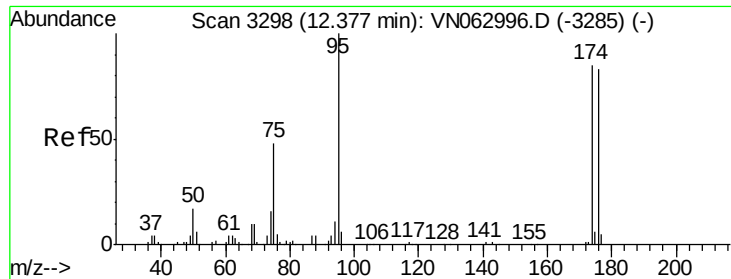
1000

500

0

Time-->

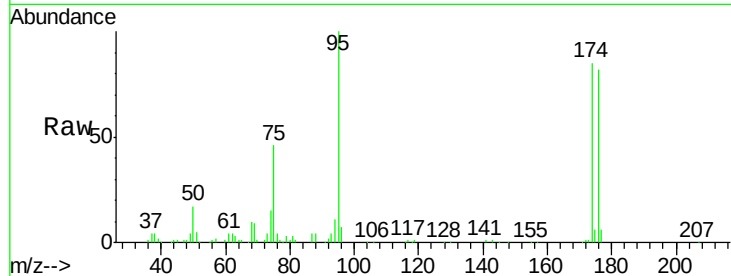




#62
4-Bromofluorobenzene
Concen: 53.019 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063137.D
Acq: 26 Aug 2020 16:59

Instrument :
MSVOA_N
ClientSampled :
1498

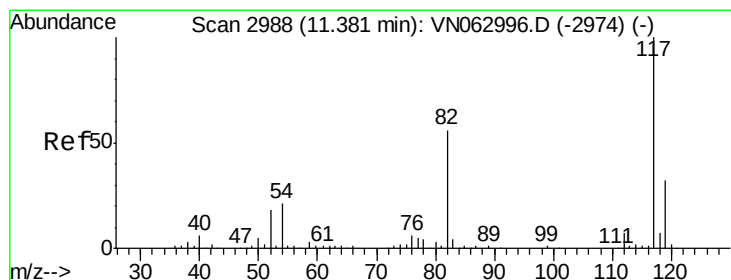
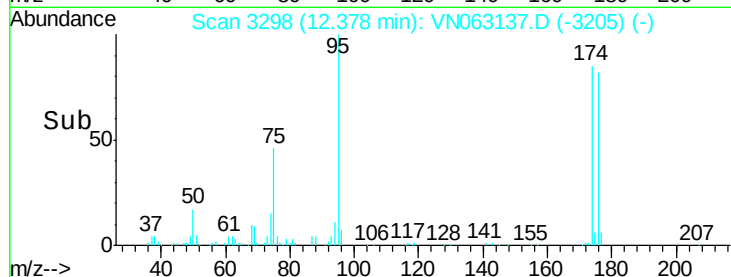
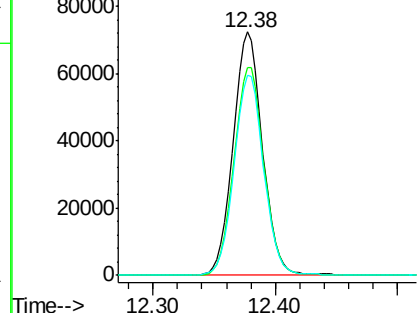
Tot Ion	95	Resp	121685
Ion Ratio	100		
Lower		0.0	
Upper		170.8	
174	86.6		
176	82.9		
		0.0	164.8



Abundance Ion 94.90 (94.60 to 95.60): VN063137.D (-3205) (-)

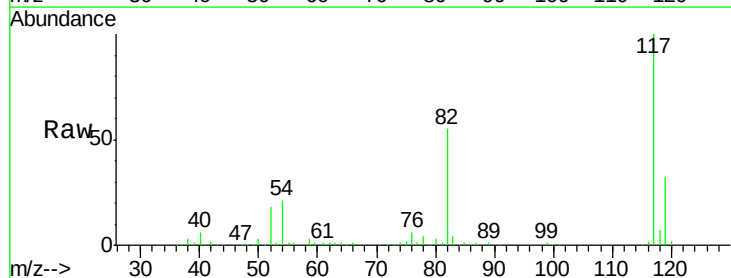
Ion 173.80 (173.50 to 174.50): VN063137.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN063137.D (-3205) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063137.D
Acq: 26 Aug 2020 16:59

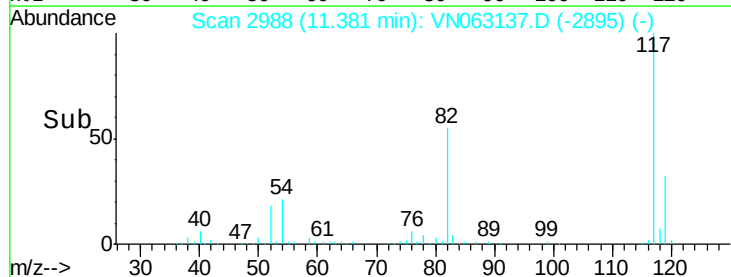
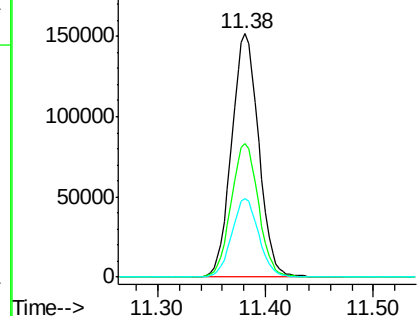
Tgt Ion	117	Resp	266628
Ion Ratio	100		
Lower		44.5	
Upper		66.7	
82	55.0		
119	32.4		
		25.5	38.3

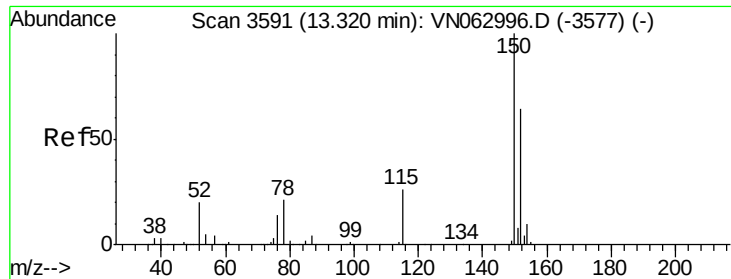


Abundance Ion 116.90 (116.60 to 117.60): VN063137.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN063137.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN063137.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: VN063137.D

Acq: 26 Aug 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

1498

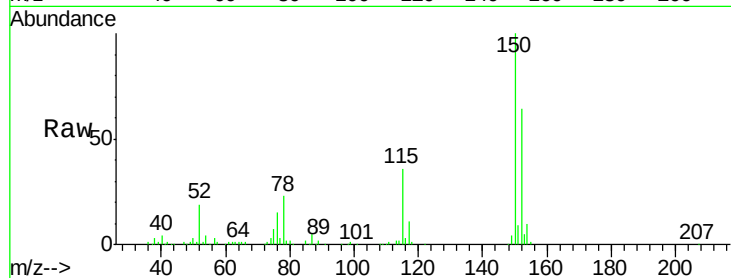
Tot Ion:152 Resp: 115681

Ion Ratio Lower Upper

152 100

115 57.1 28.7 86.3

150 156.5 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

