

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121119\
 Data File : VN059560.D
 Acq On : 11 Dec 2019 14:40
 Operator : JC/SP
 Sample : K5664-04 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 02-03-08-09-10-11-12-COMP

Quant Time: Dec 12 02:30:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

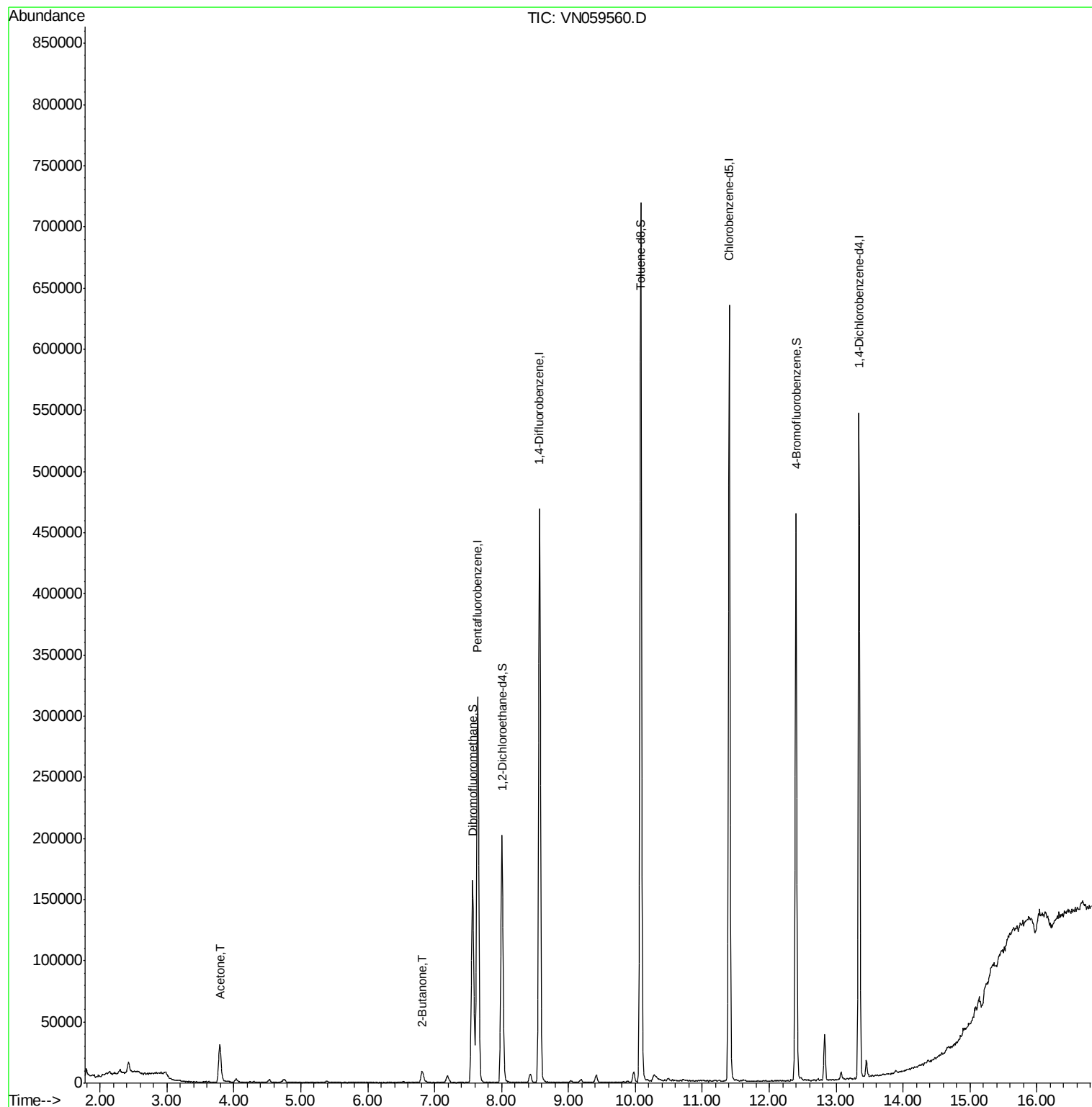
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	246136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	396596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	353984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	175771	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
35) Dibromofluoromethane	7.57	113	125290	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	10.08	98	486612	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.40	95	161103	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
Target Compounds						
16) Acetone	3.79	43	53413	33.238	ug/l	Qvalue 100
25) 2-Butanone	6.81	43	19256	8.902	ug/l	93

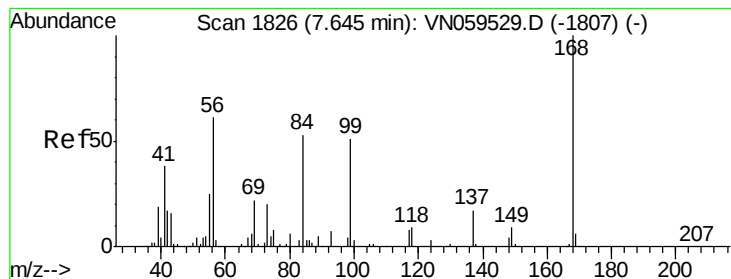
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059560.D

Acq: 11 Dec 2019 14:40

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MSVOA_N

ClientSampleId :

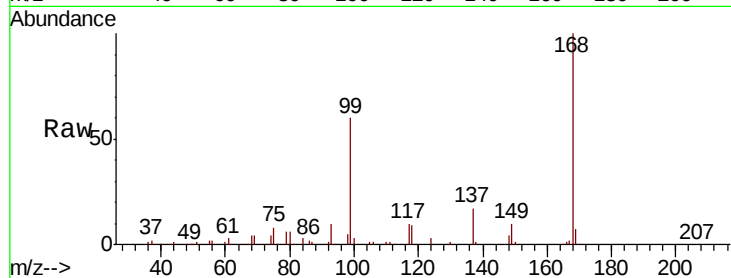
02-03-08-09-10-11-12-COMP

Tot Ion:168 Resp: 246136

Ion Ratio Lower Upper

168 100

99 59.9 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

120000

100000

80000

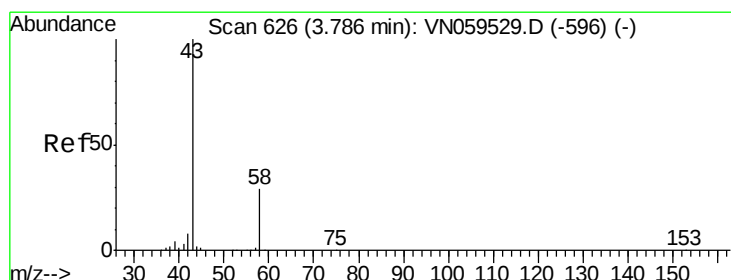
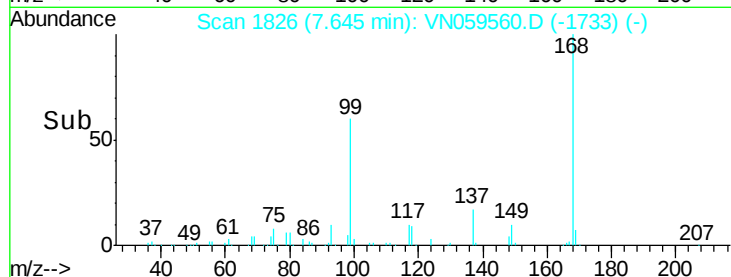
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 33.238 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059560.D

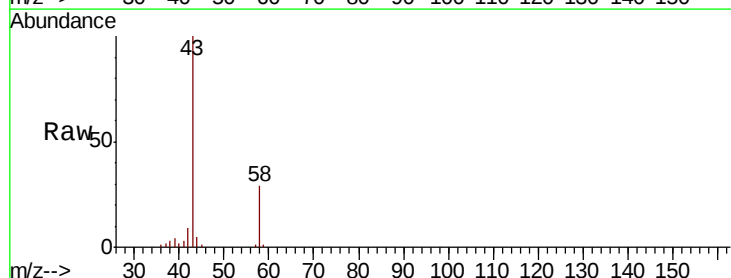
Acq: 11 Dec 2019 14:40

Tgt Ion: 43 Resp: 53413

Ion Ratio Lower Upper

43 100

58 28.9 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

20000

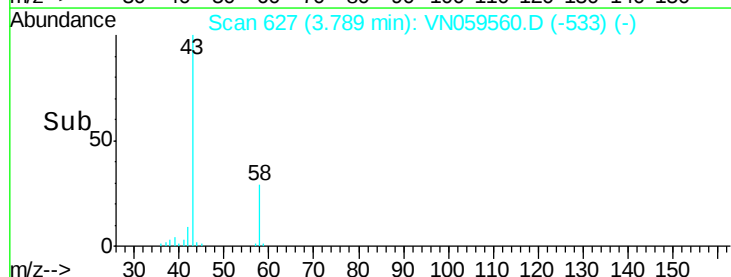
15000

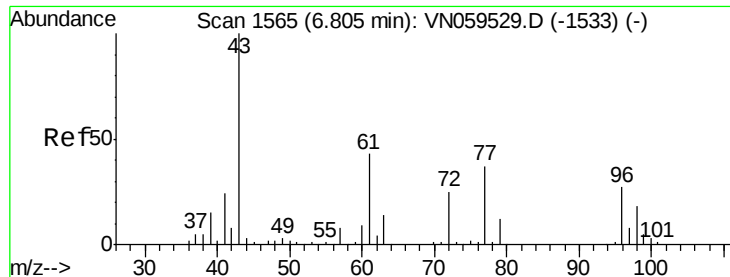
10000

5000

0

Time-->

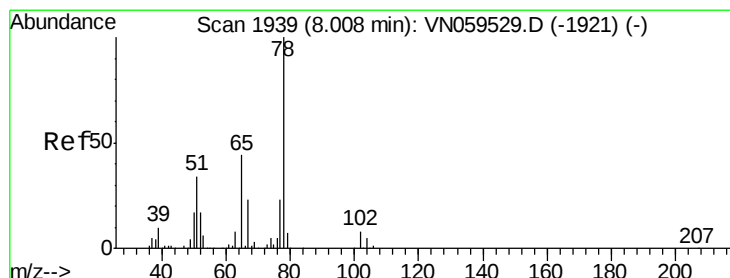
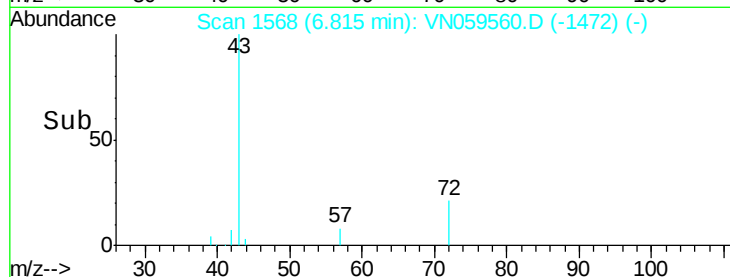
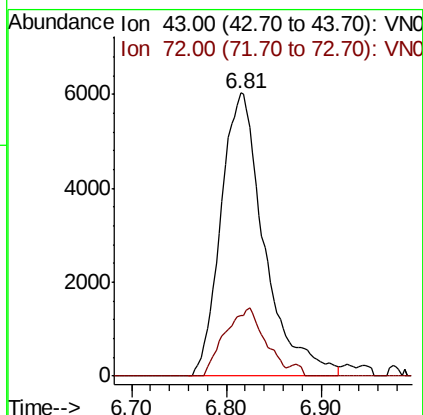
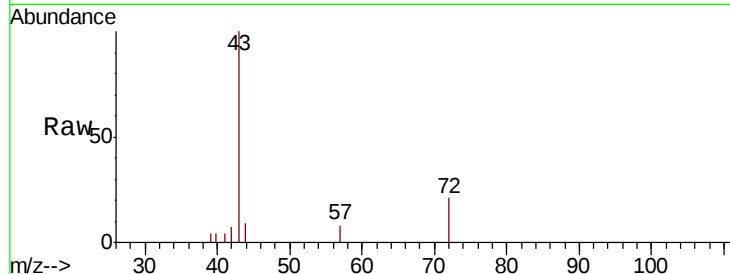




#25
2-Butanone
Concen: 8.902 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN059560.D
Acq: 11 Dec 2019 14:40

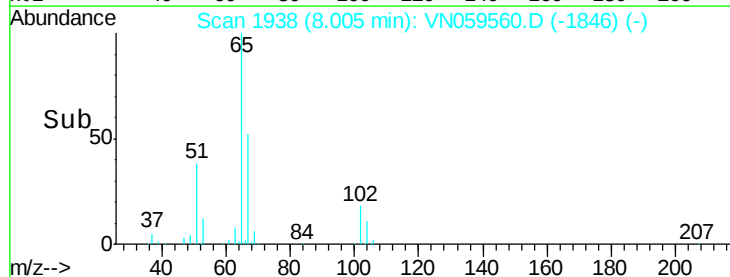
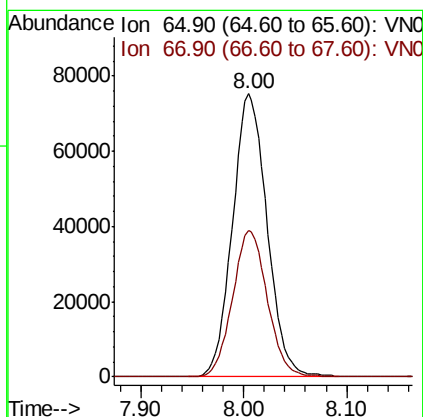
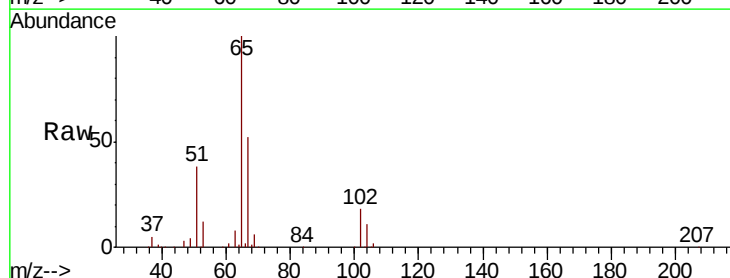
Instrument :
MSVOA_N
ClientSampleId :
02-03-08-09-10-11-12-COMP

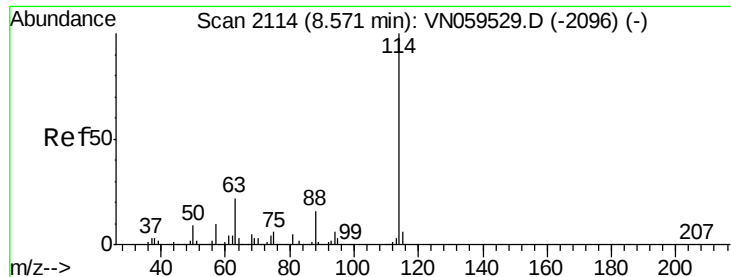
Tot Ion: 43 Resp: 19256
Ion Ratio Lower Upper
43 100
72 21.3 19.9 29.9



#33
1,2-Dichloroethane-d4
Concen: 51.096 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059560.D
Acq: 11 Dec 2019 14:40

Tgt Ion: 65 Resp: 175771
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.6

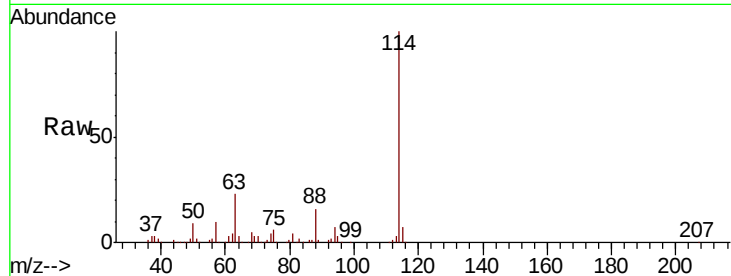




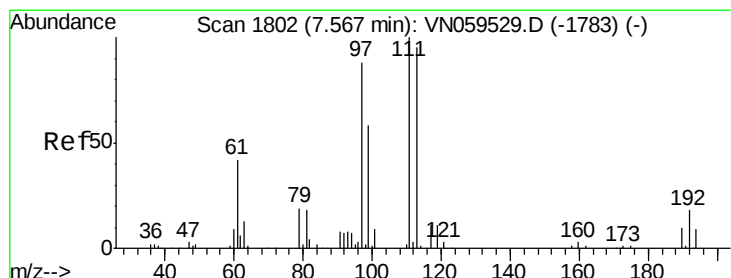
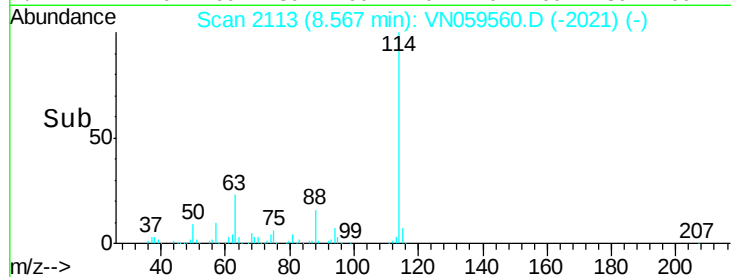
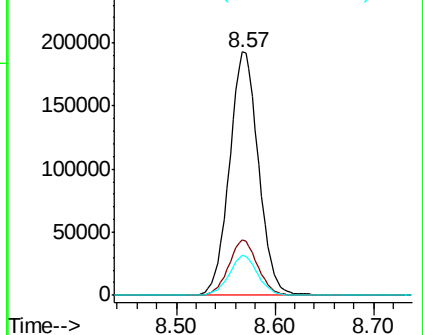
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059560.D
Acq: 11 Dec 2019 14:40

Instrument :
MSVOA_N
ClientSampleId :
02-03-08-09-10-11-12-COMP

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.0
88	16.3	0.0	32.2

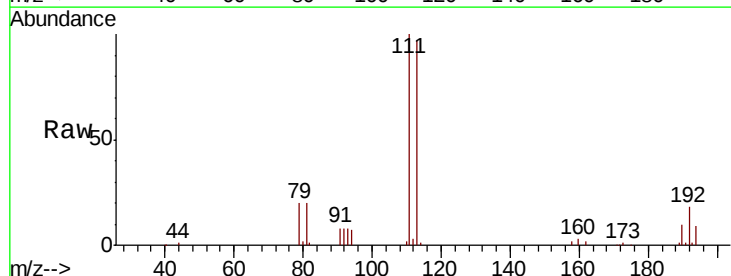


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

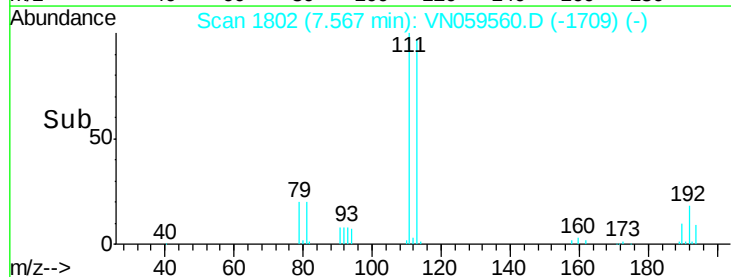
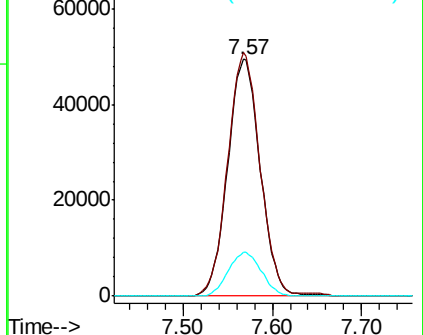


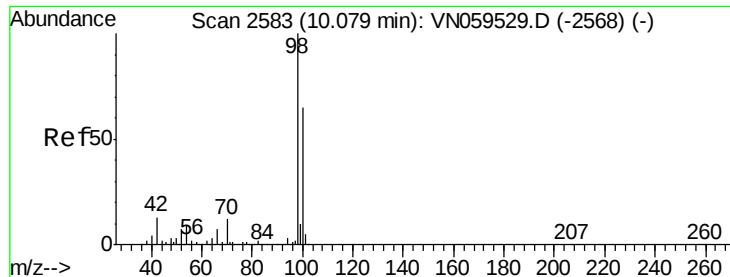
#35
Dibromofluoromethane
Concen: 52.940 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059560.D
Acq: 11 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.4
192	18.8	14.8	22.2



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: 50.363 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059560.D

Acq: 11 Dec 2019 14:40

Instrument :

MSVOA_N

ClientSampleId :

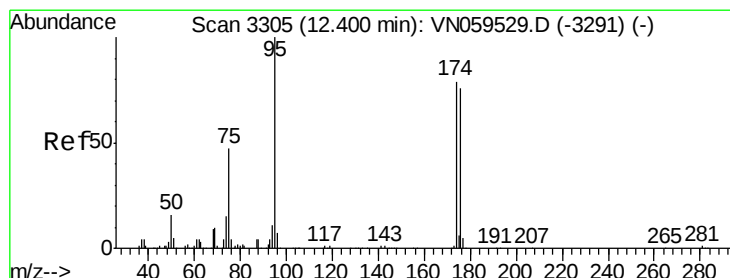
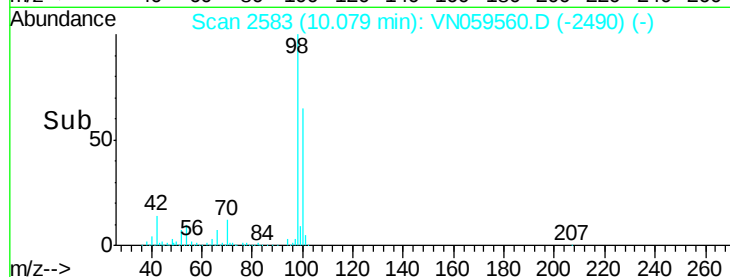
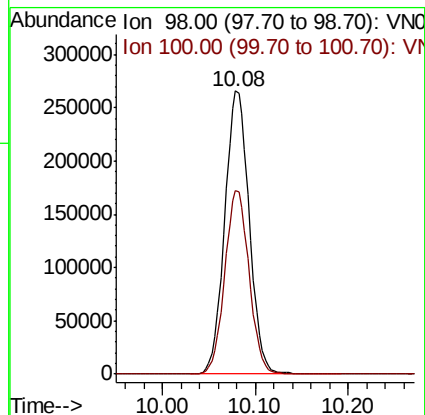
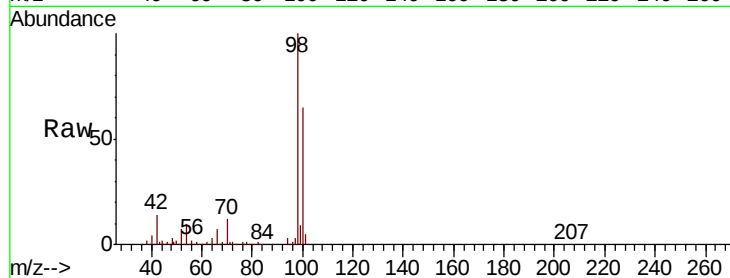
02-03-08-09-10-11-12-COMP

Tot Ion: 98 Resp: 486612

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 45.044 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059560.D

Acq: 11 Dec 2019 14:40

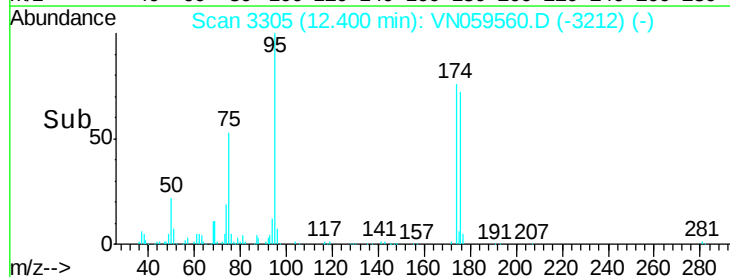
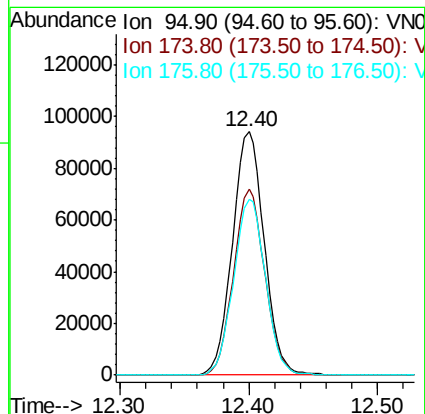
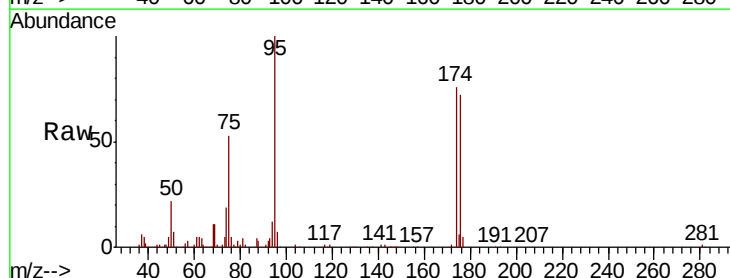
Tgt Ion: 95 Resp: 161103

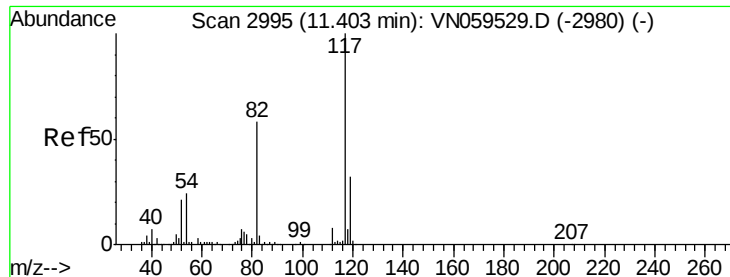
Ion Ratio Lower Upper

95 100

174 75.4 0.0 158.0

176 72.6 0.0 155.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059560.D

Acq: 11 Dec 2019 14:40

Instrument :

MSVOA_N

ClientSampleId :

02-03-08-09-10-11-12-COMP

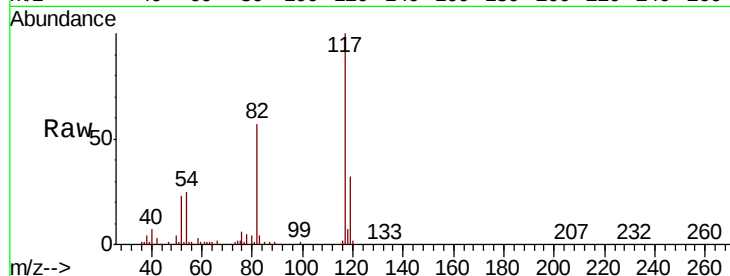
Tot Ion:117 Resp: 353984

Ion Ratio Lower Upper

117 100

82 57.1 46.5 69.7

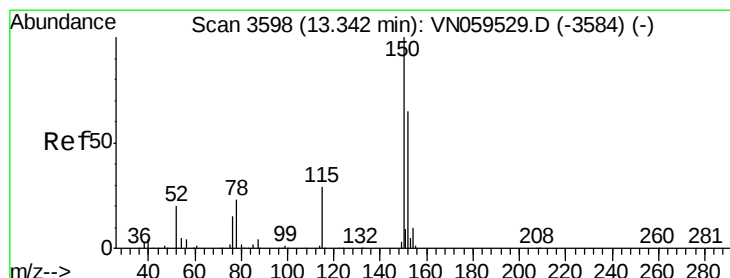
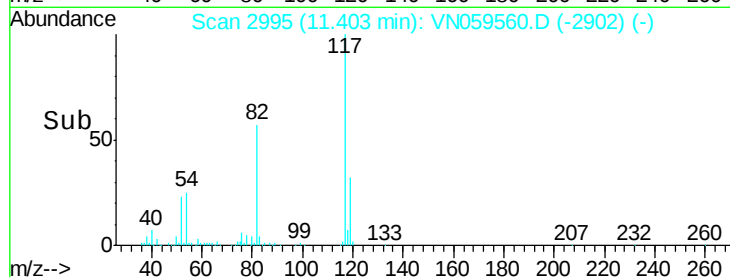
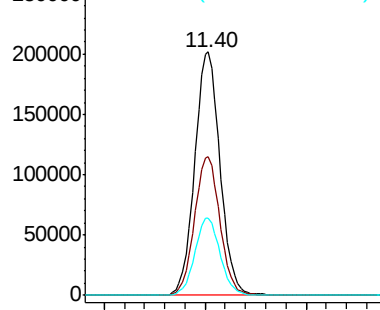
119 31.7 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059560.D

Acq: 11 Dec 2019 14:40

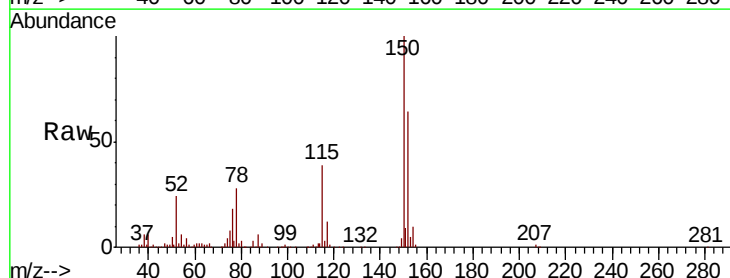
Tgt Ion:152 Resp: 139557

Ion Ratio Lower Upper

152 100

115 60.3 29.4 88.2

150 156.8 0.0 342.4



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

