

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF053119\
 Data File : VF062806.D
 Acq On : 31 May 2019 13:57
 Operator : FY/SY
 Sample : K2639-05
 Misc : 6.60g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-07-053019-A

Quant Time: Jun 01 01:15:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

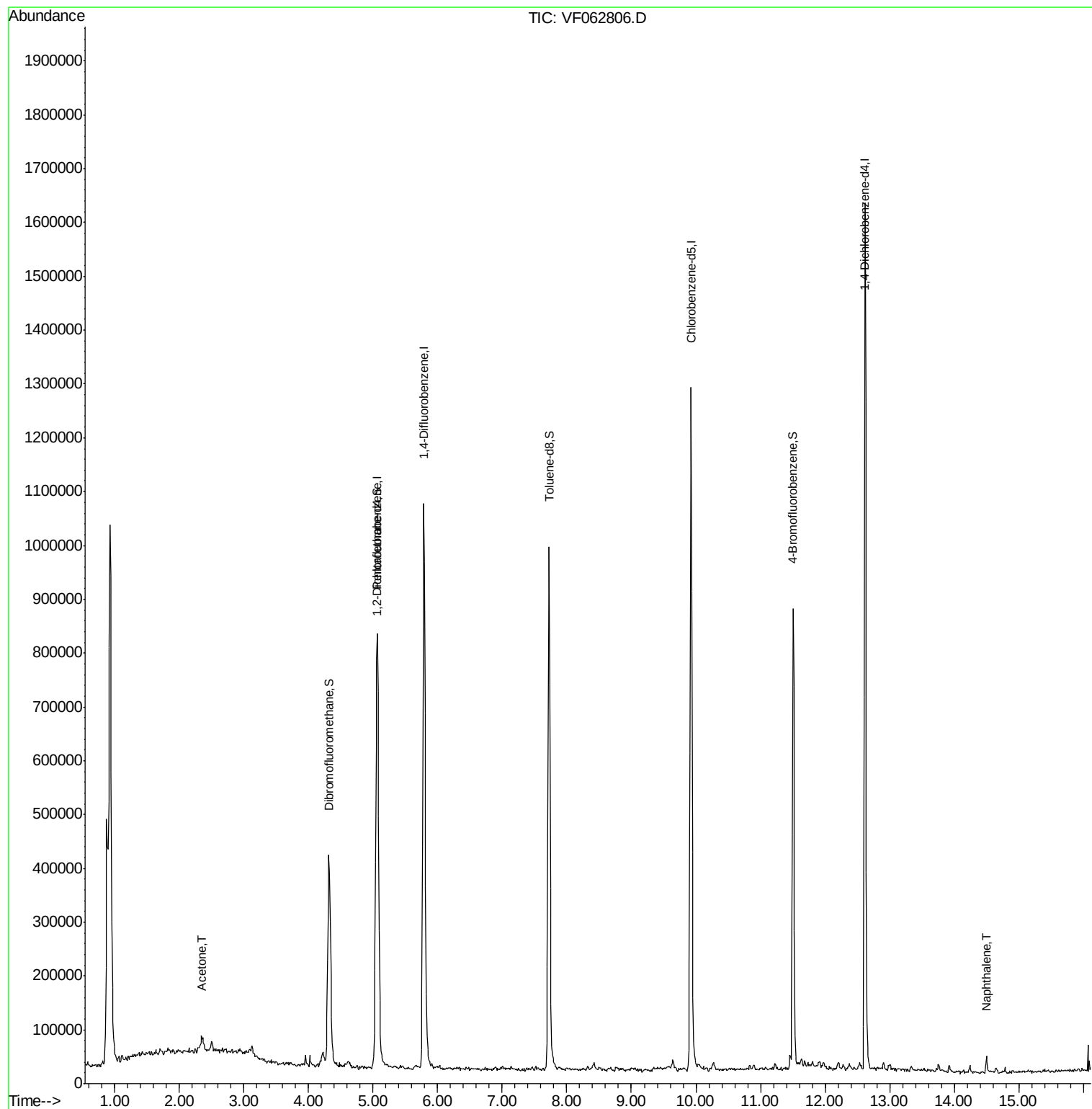
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	761115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1330596	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.93	117	999186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	418883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	201385	38.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.52%	
35) Dibromofluoromethane	4.32	113	380839	37.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.76%	
50) Toluene-d8	7.73	98	888250	34.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.86%	
62) 4-Bromofluorobenzene	11.50	95	322071	35.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.42%	
Target Compounds						
16) Acetone	2.35	43	43126	35.801	ug/l	92
95) Naphthalene	14.50	128	23494	1.835	ug/l	97

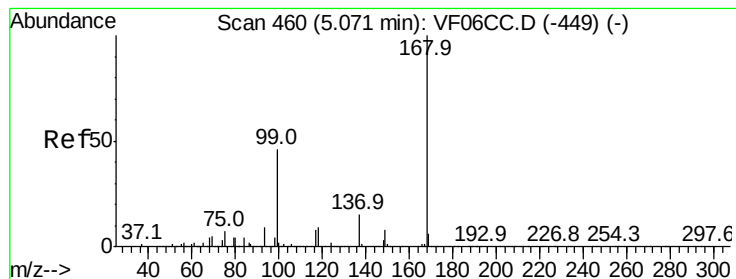
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF053119\
Data File : VF062806.D
Acq On : 31 May 2019 13:57
Operator : FY/SY
Sample : K2639-05
Misc : 6.60g/5mL/MSVOA F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
NB-07-053019-A

Quant Time: Jun 01 01:15:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.01 min

Lab File: VF062806.D

Acq: 31 May 2019 13:57

Instrument :

MSVOA_F

ClientSampleId :

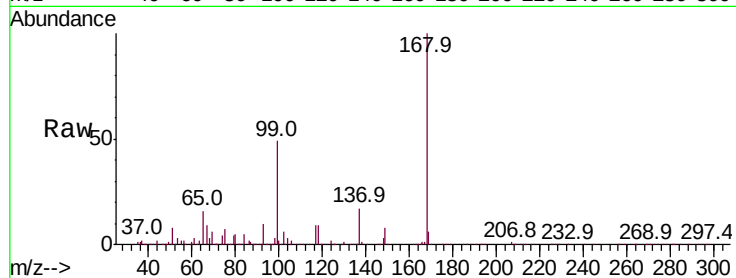
NB-07-053019-A

Tot Ion:168 Resp: 761115

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

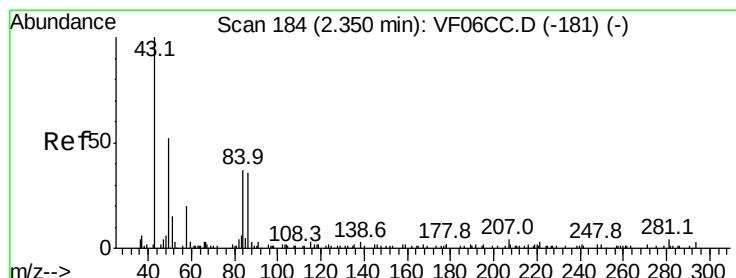
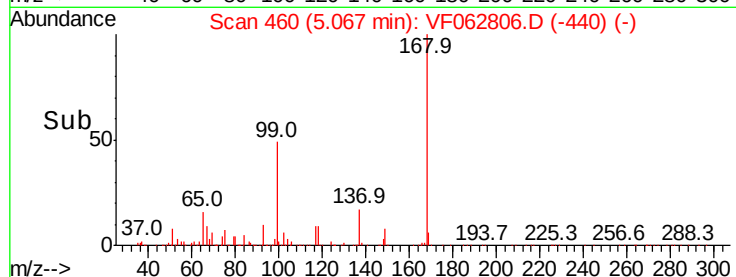
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 35.801 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.02 min

Lab File: VF062806.D

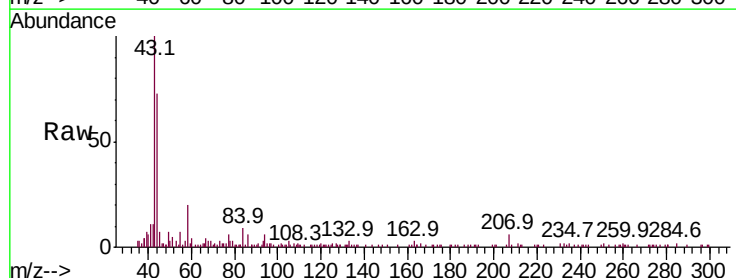
Acq: 31 May 2019 13:57

Tgt Ion: 43 Resp: 43126

Ion Ratio Lower Upper

43 100

58 19.6 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

20000

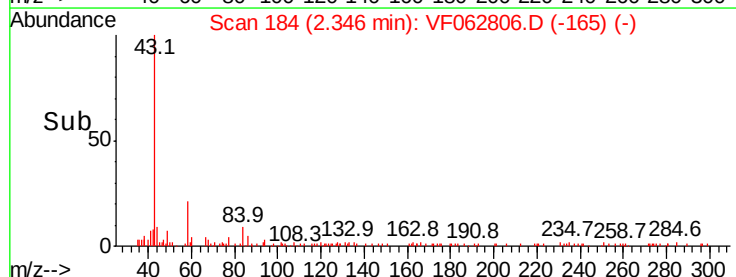
15000

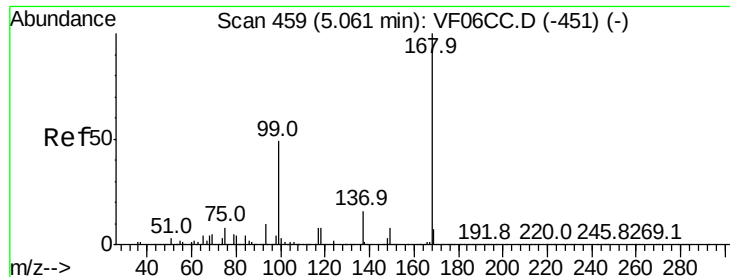
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 38.263 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062806.D

Acq: 31 May 2019 13:57

Instrument :

MSVOA_F

ClientSampleId :

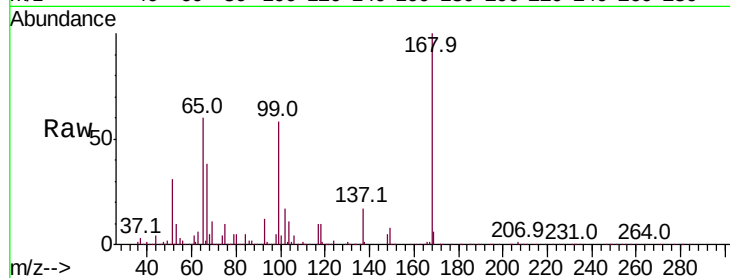
NB-07-053019-A

Tot Ion: 65 Resp: 201385

Ion Ratio Lower Upper

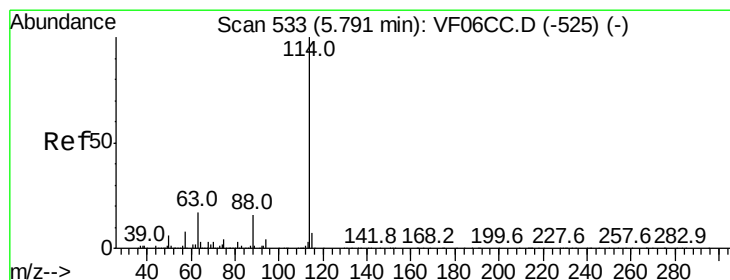
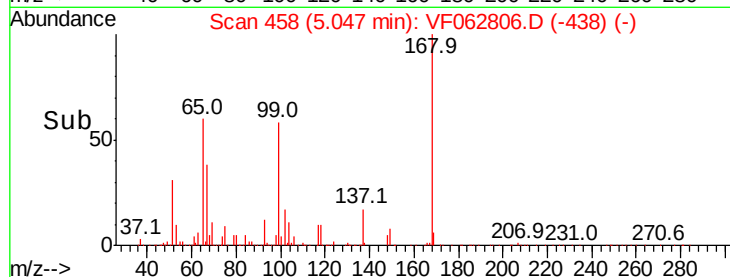
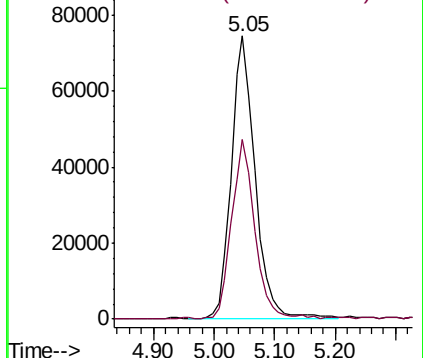
65 100

67 63.3 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. -0.02 min

Lab File: VF062806.D

Acq: 31 May 2019 13:57

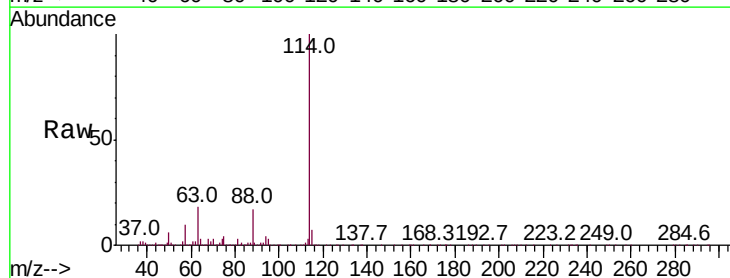
Tgt Ion: 114 Resp: 1330596

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.2

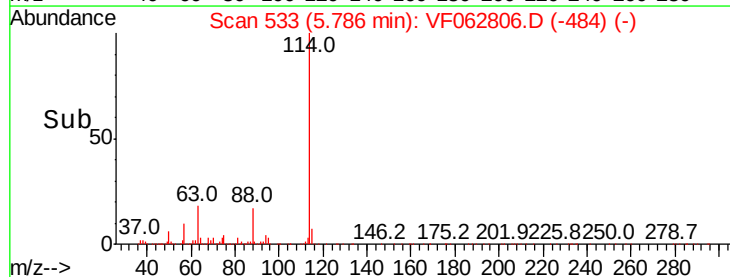
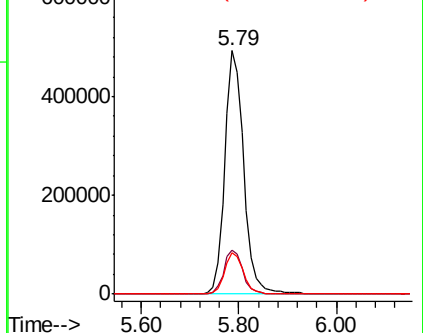
88 16.8 0.0 31.2

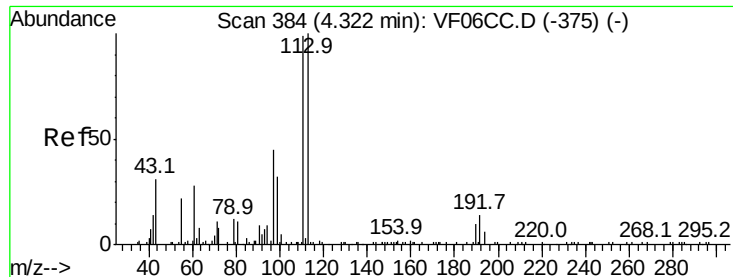


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 37.877 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.02 min

Lab File: VF062806.D

Acq: 31 May 2019 13:57

Instrument :

MSVOA_F

ClientSampleId :

NB-07-053019-A

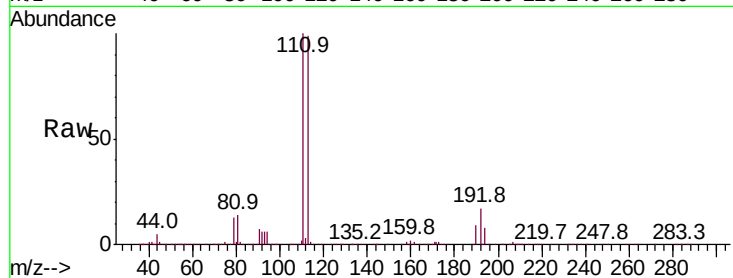
Tot Ion:113 Resp: 380839

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

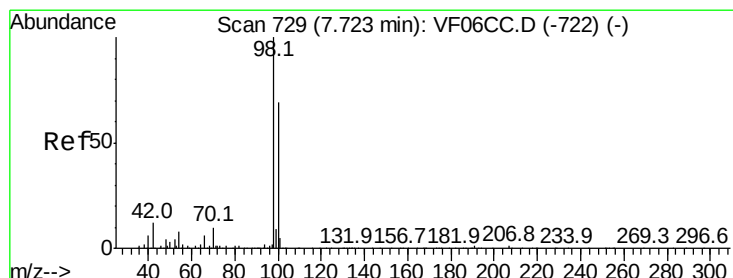
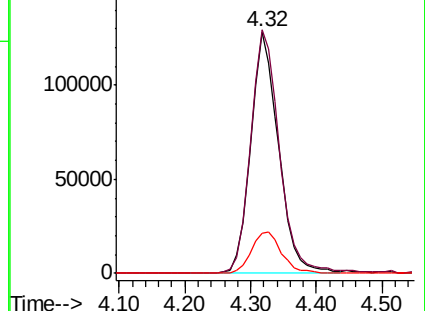
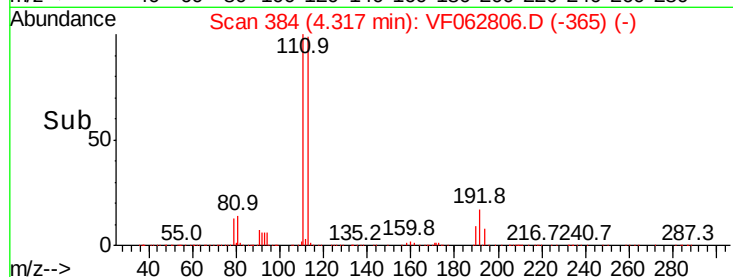
192 16.9 15.1 22.7



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 34.935 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.01 min

Lab File: VF062806.D

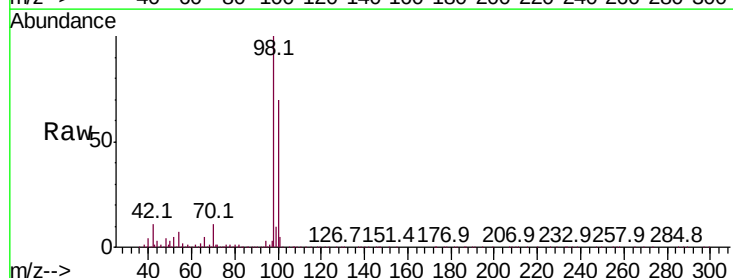
Acq: 31 May 2019 13:57

Tgt Ion: 98 Resp: 888250

Ion Ratio Lower Upper

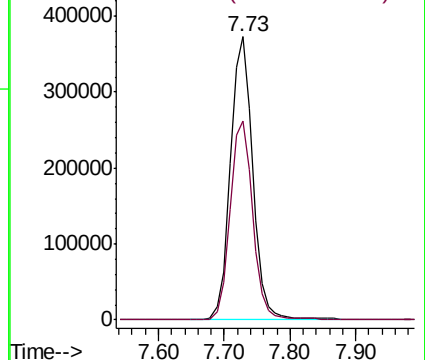
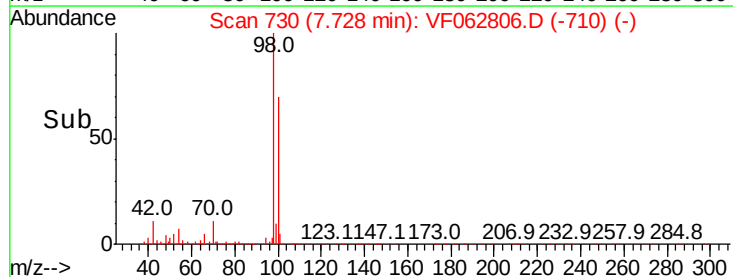
98 100

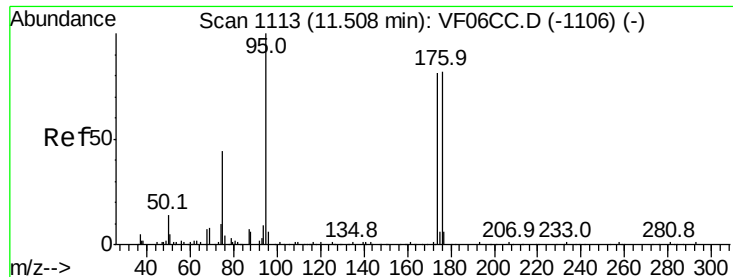
100 70.2 59.8 89.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 35.214 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062806.D

Acq: 31 May 2019 13:57

Instrument :

MSVOA_F

ClientSampleId :

NB-07-053019-A

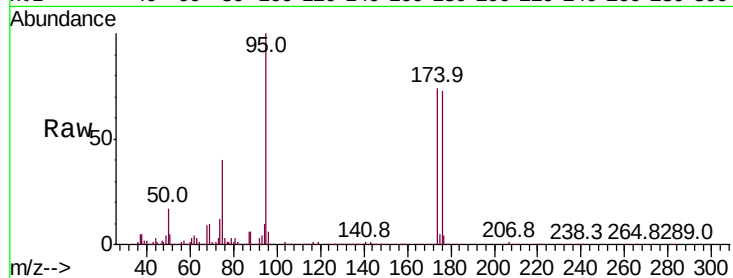
Tot Ion: 95 Resp: 322071

Ion Ratio Lower Upper

95 100

174 74.3 0.0 170.6

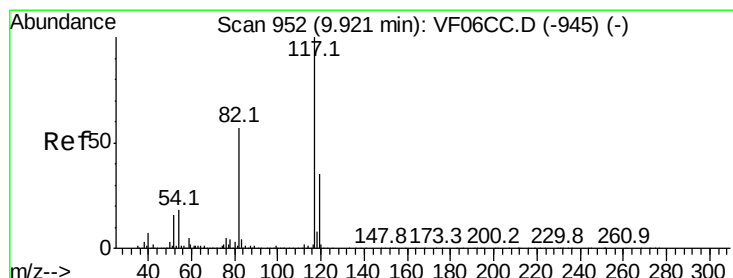
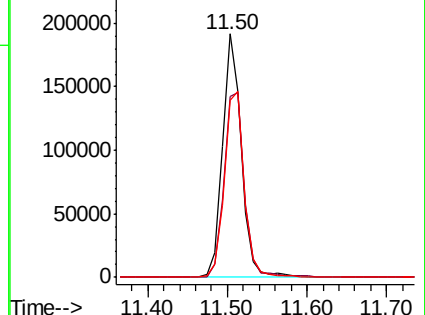
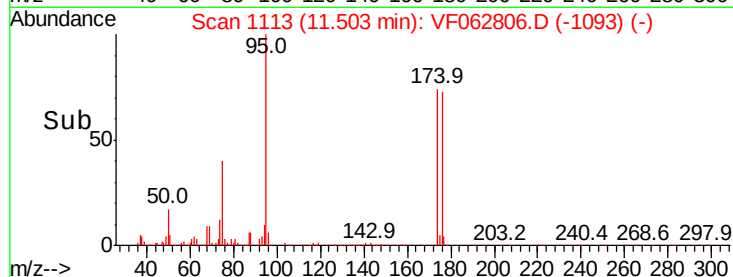
176 72.7 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF062806.D

Acq: 31 May 2019 13:57

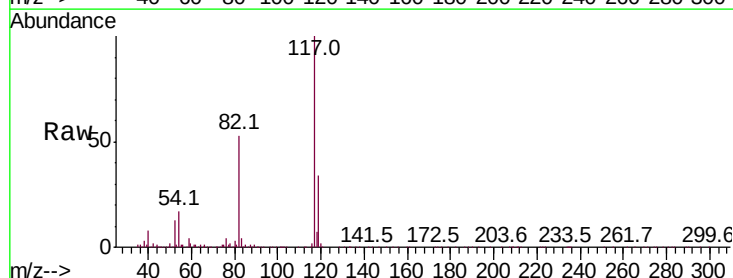
Tgt Ion: 117 Resp: 999186

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

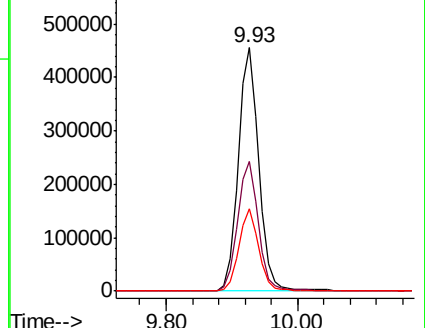
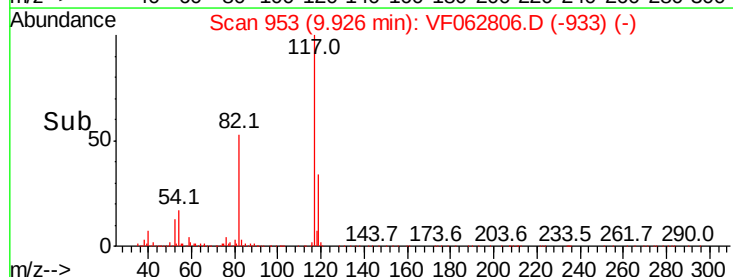
119 33.7 27.1 40.7

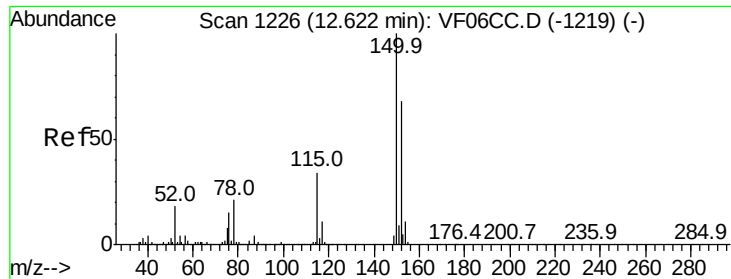


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0



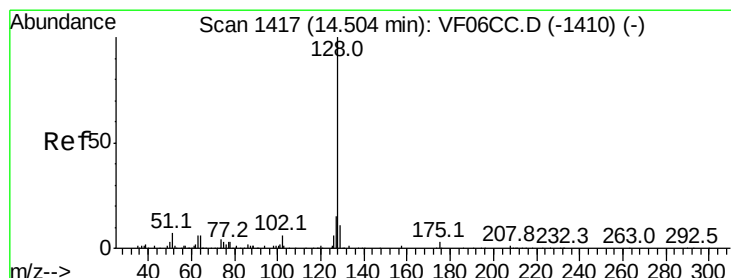
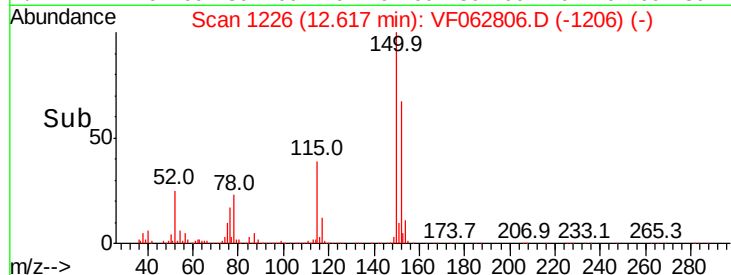
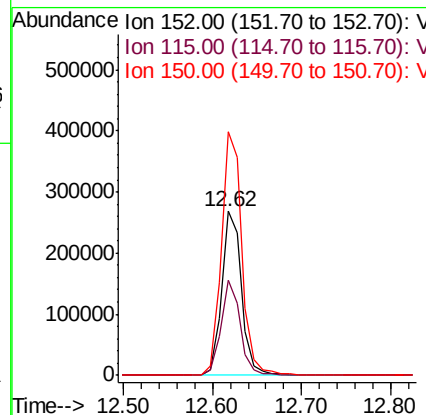
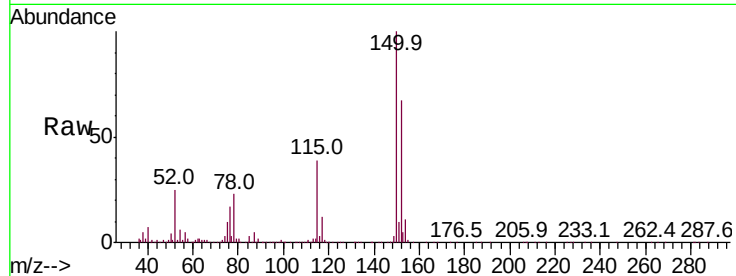


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062806.D
Acq: 31 May 2019 13:57

Instrument :
MSVOA_F
ClientSampleId :
NB-07-053019-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.5	24.6	74.0
150	148.8	0.0	290.6



#95

Naphthalene
Concen: 1.835 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF062806.D
Acq: 31 May 2019 13:57

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.3	9.7	14.5
129	10.3	9.4	14.2

