

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062378.D
 Acq On : 8 May 2019 15:40
 Operator : FY/SY
 Sample : K2639-03
 Misc : 6.41g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-050319-B

Quant Time: May 08 16:15:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	290744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	401214	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	305999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	150360	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	143748	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
35) Dibromofluoromethane	4.30	113	159023	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	7.70	98	298334	38.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.12%	
62) 4-Bromofluorobenzene	11.48	95	130785	37.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.94%	

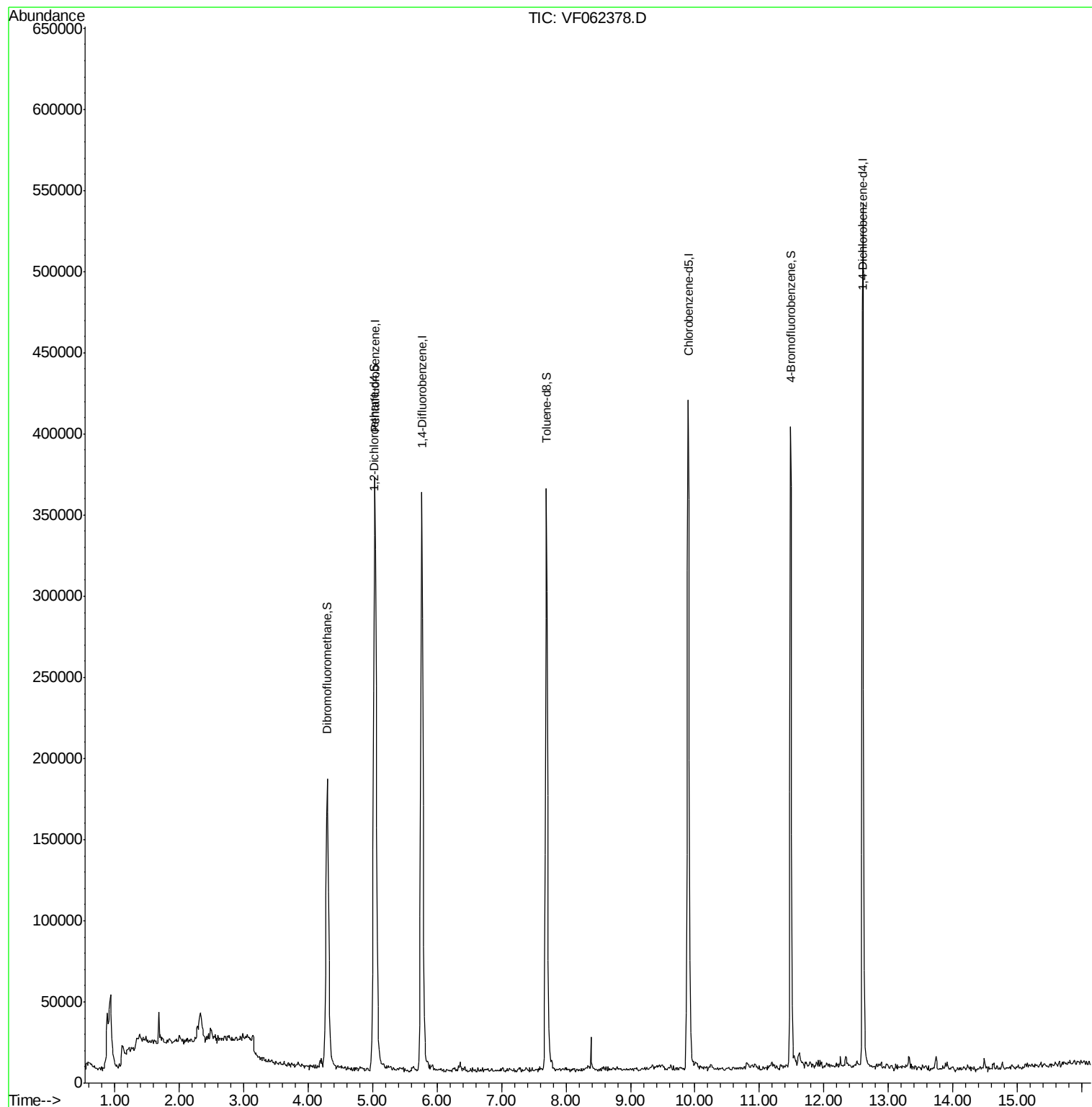
Target Compounds	Qvalue
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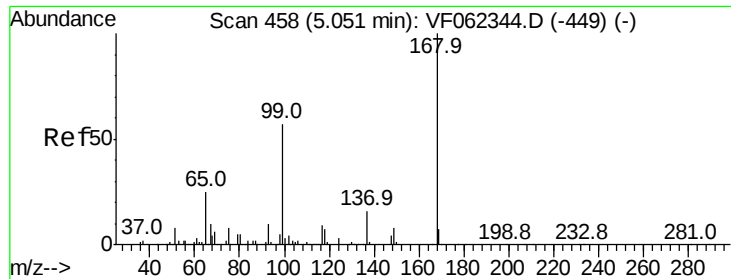
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062378.D

Acq: 8 May 2019 15:40

Instrument :

MSVOA_F

ClientSampleId :

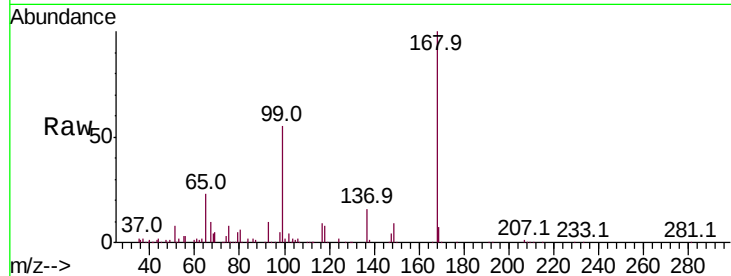
NB-08-050319-B

Tot Ion:168 Resp: 290744

Ion Ratio Lower Upper

168 100

99 55.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.04

100000

80000

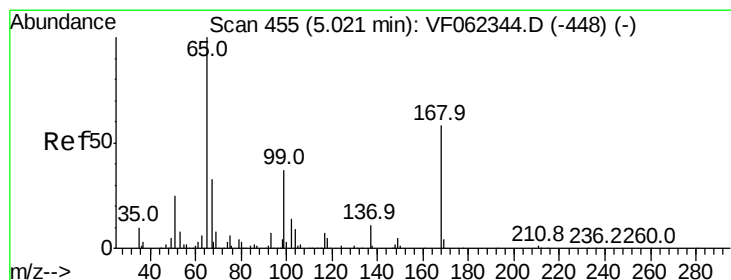
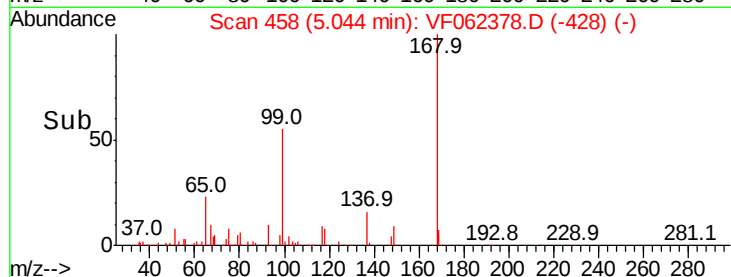
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 52.317 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF062378.D

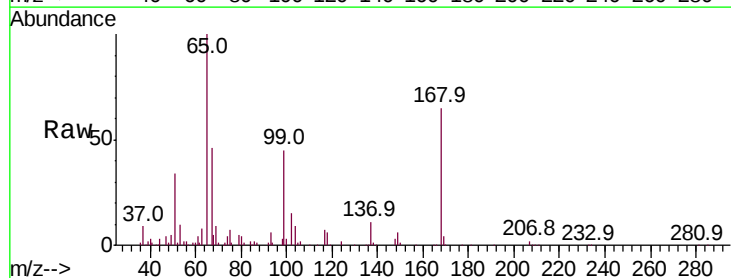
Acq: 8 May 2019 15:40

Tgt Ion: 65 Resp: 143748

Ion Ratio Lower Upper

65 100

67 47.0 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.01

60000

50000

40000

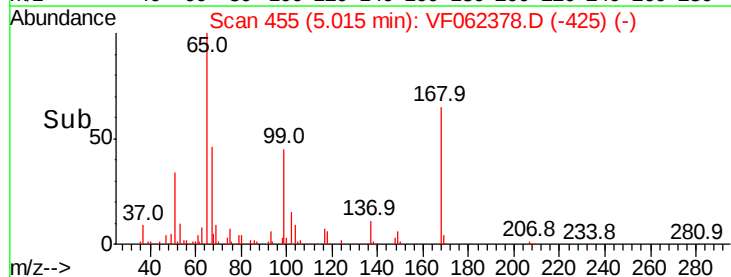
30000

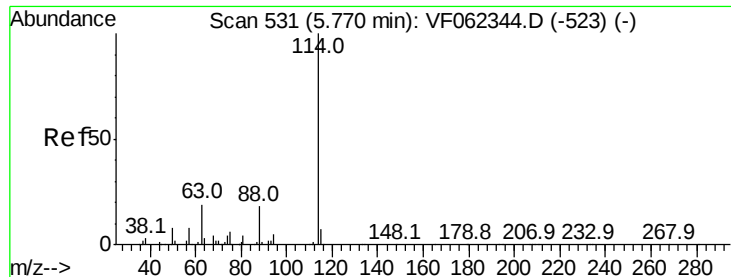
20000

10000

0

Time--> 4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF062378.D

Acq: 8 May 2019 15:40

Instrument :

MSVOA_F

ClientSampleId :

NB-08-050319-B

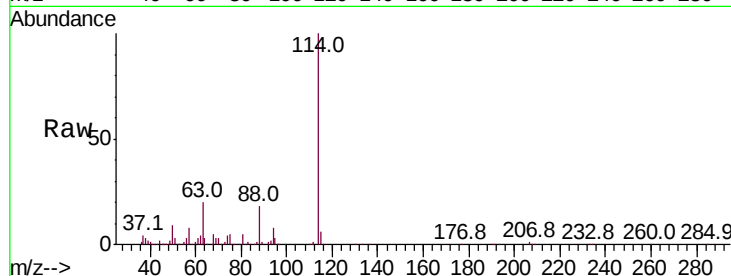
Tot Ion:114 Resp: 401214

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

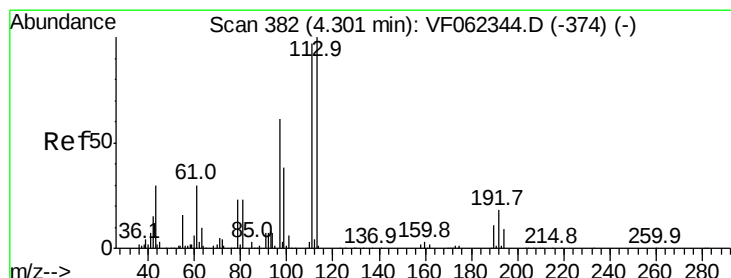
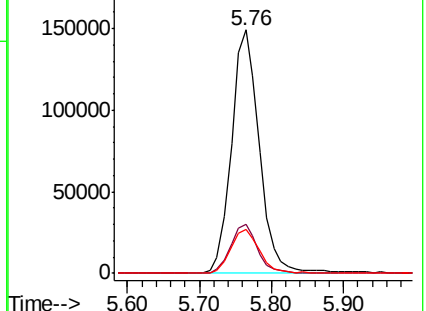
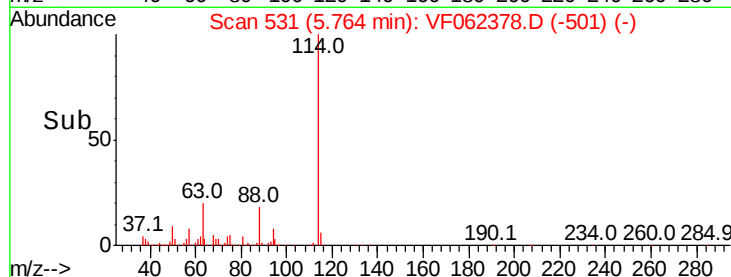
88 18.0 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 49.751 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF062378.D

Acq: 8 May 2019 15:40

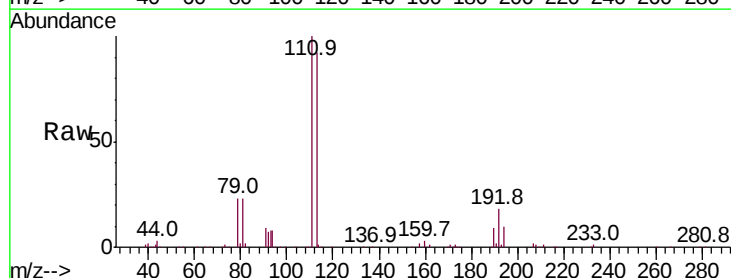
Tgt Ion:113 Resp: 159023

Ion Ratio Lower Upper

113 100

111 103.3 79.4 119.0

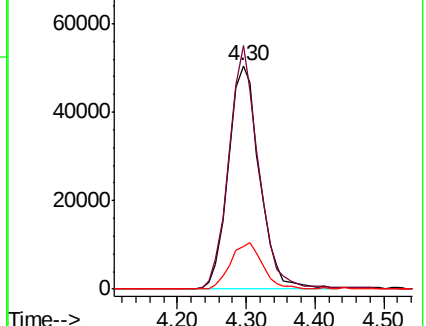
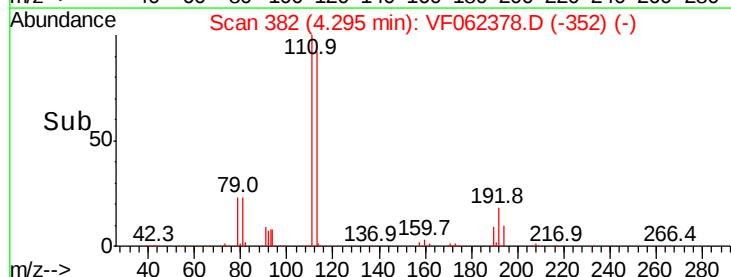
192 21.3 16.0 24.0

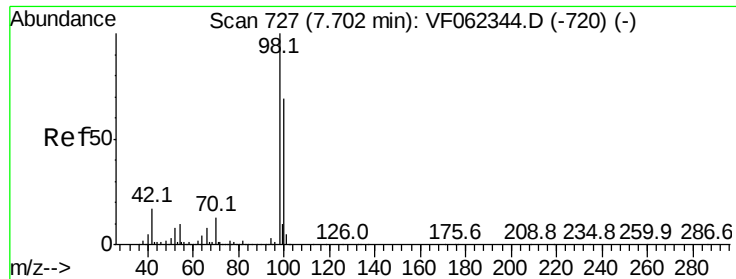


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.558 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF062378.D

Acq: 8 May 2019 15:40

Instrument :

MSVOA_F

ClientSampleId :

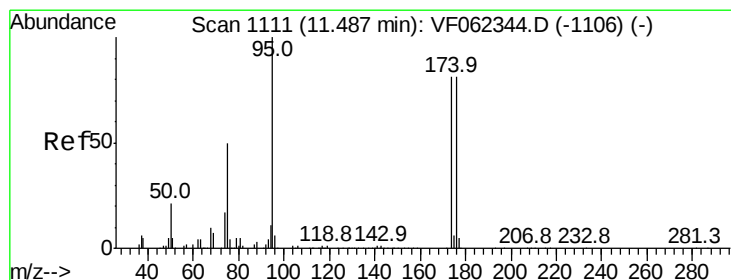
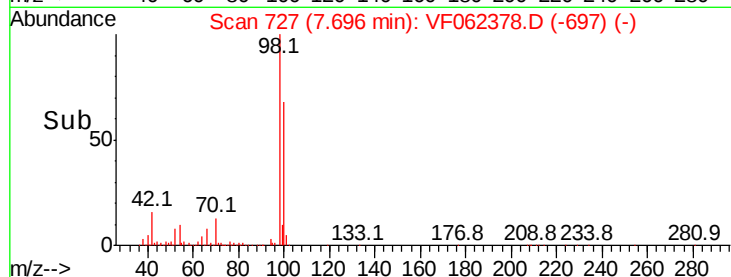
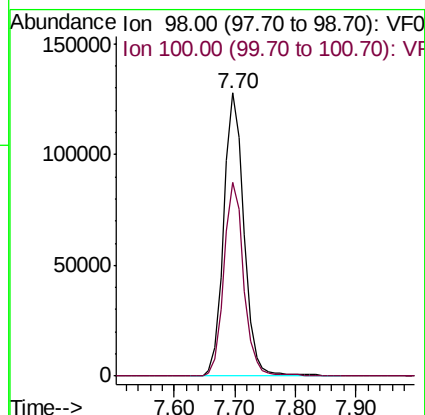
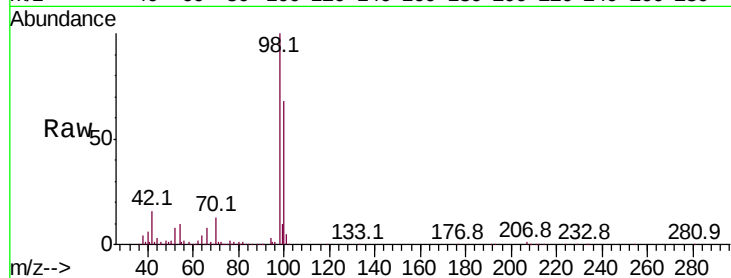
NB-08-050319-B

Tot Ion: 98 Resp: 298334

Ion Ratio Lower Upper

98 100

100 66.8 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 37.465 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VF062378.D

Acq: 8 May 2019 15:40

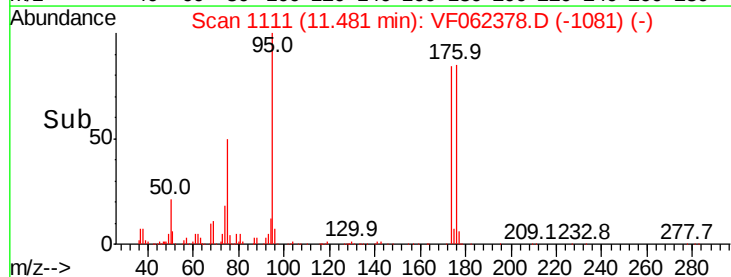
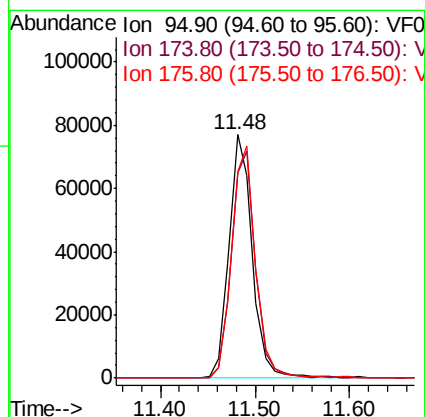
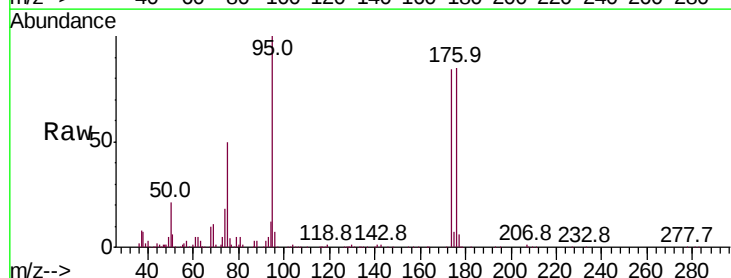
Tgt Ion: 95 Resp: 130785

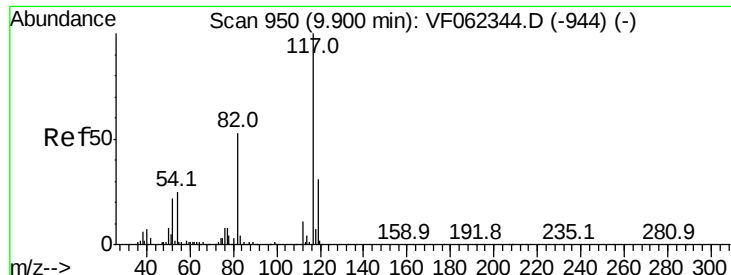
Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.8

176 98.1 0.0 193.2

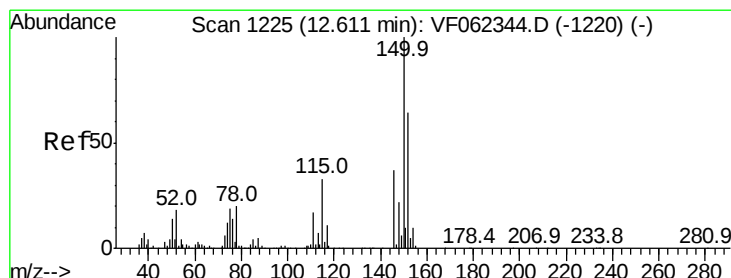
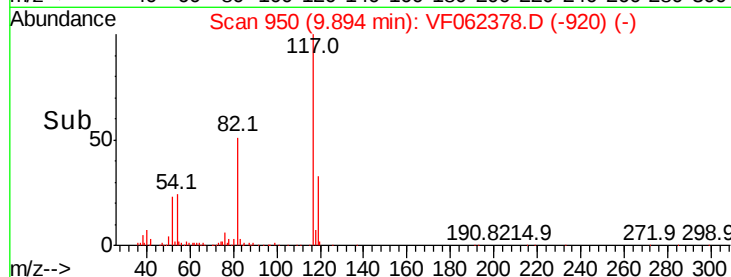
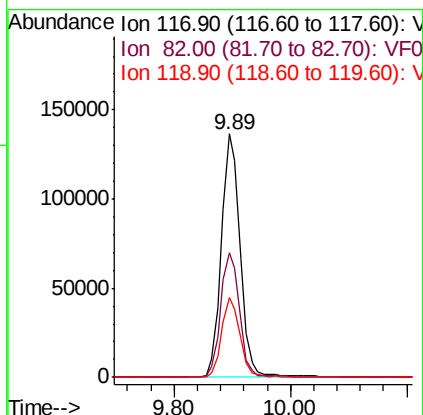
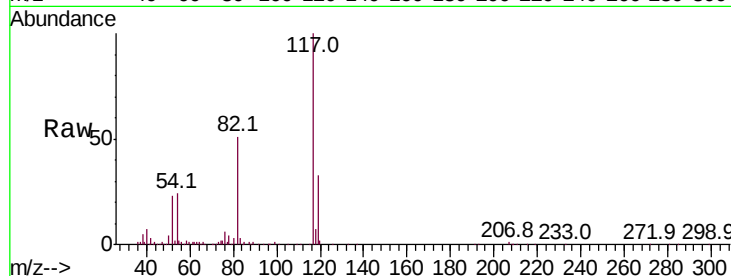




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF062378.D
Acq: 8 May 2019 15:40

Instrument :
MSVOA_F
ClientSampleId :
NB-08-050319-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.2	63.2
119	32.9	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062378.D
Acq: 8 May 2019 15:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	26.4	79.2
150	154.6	0.0	335.0

