

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052119\
 Data File : VF062694.D
 Acq On : 21 May 2019 20:26
 Operator : FY/SY
 Sample : K2971-16RE
 Misc : 6.13g/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SUP-2C-G-1-052019RE

Quant Time: May 22 04:42:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	714170	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	1220639	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	862124	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	377626	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	189356	37.52	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.04%	
35) Dibromofluoromethane	4.31	113	352960	37.79	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.58%	
50) Toluene-d8	7.71	98	687801	30.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	61.68%	
62) 4-Bromofluorobenzene	11.49	95	243954	28.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	57.68%	

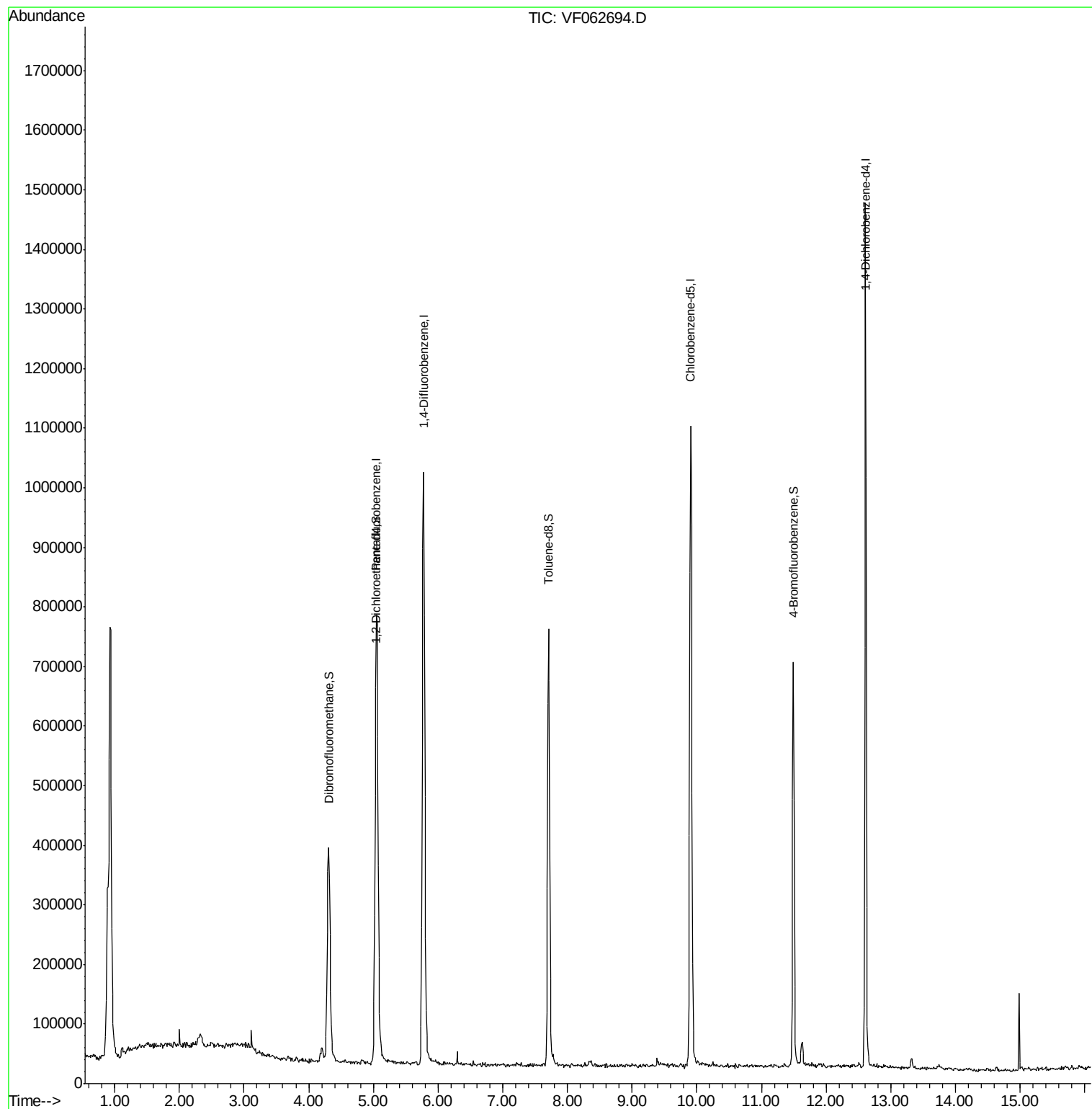
Target Compounds	Qvalue
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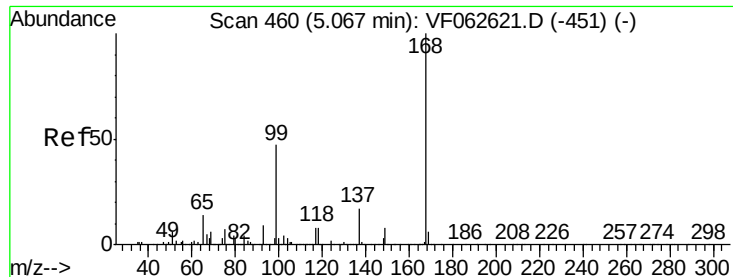
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062694.D

Acq: 21 May 2019 20:26

Instrument :

MSVOA_F

ClientSampleId :

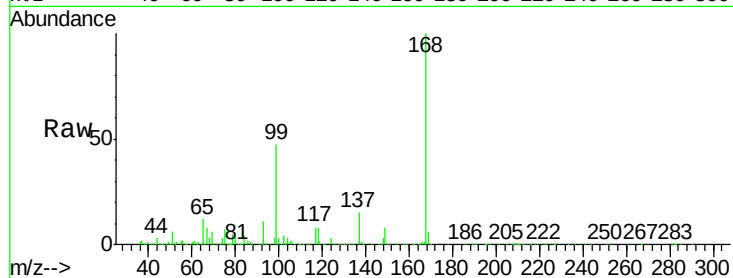
SUP-2C-G-1-052019RE

Tot Ion:168 Resp: 714170

Ion Ratio Lower Upper

168 100

99 46.8 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

250000

200000

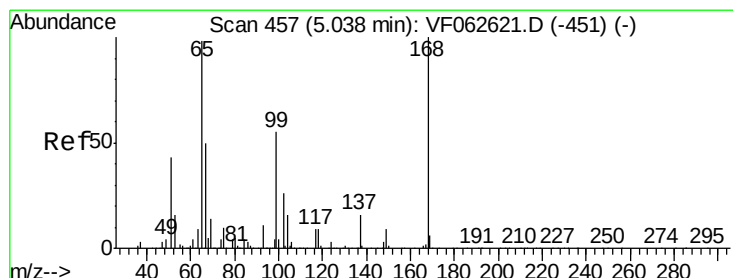
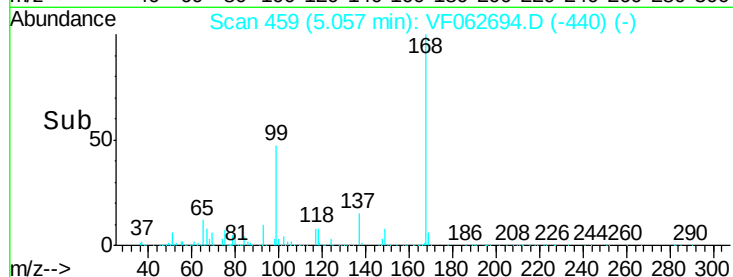
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 37.521 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF062694.D

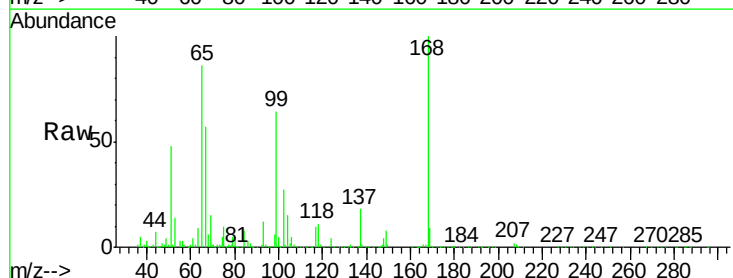
Acq: 21 May 2019 20:26

Tgt Ion: 65 Resp: 189356

Ion Ratio Lower Upper

65 100

67 66.6 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.03

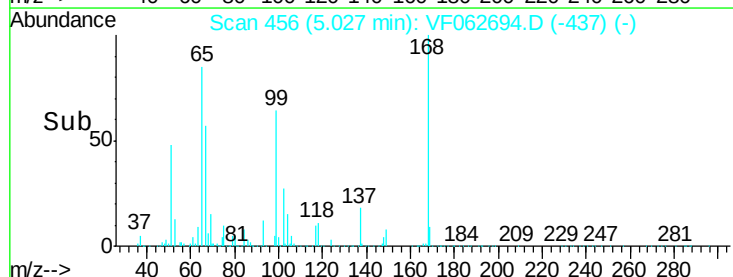
60000

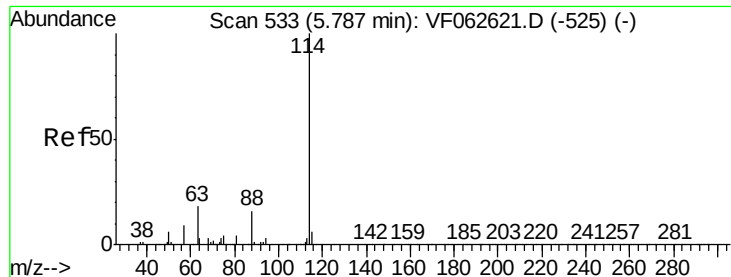
40000

20000

0

Time-->

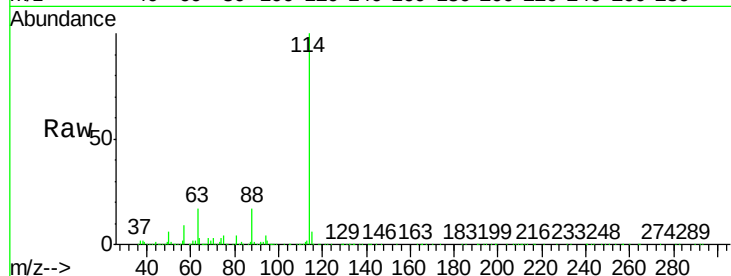




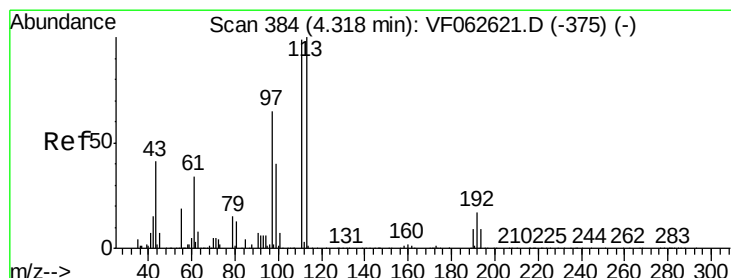
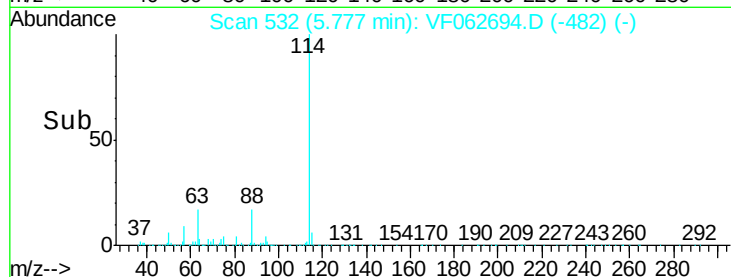
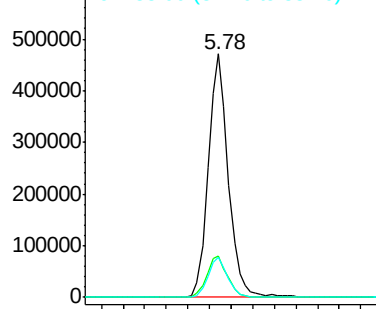
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Instrument :
MSVOA_F
ClientSampleId :
SUP-2C-G-1-052019RE

Tot Ion:114 Resp: 1220639
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.4
88 16.5 0.0 32.4

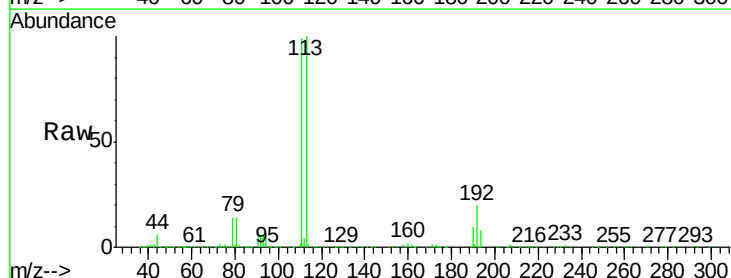


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

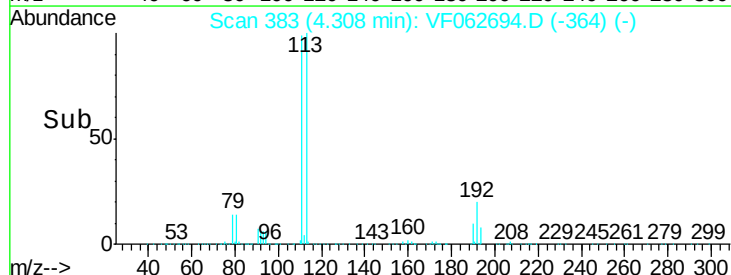
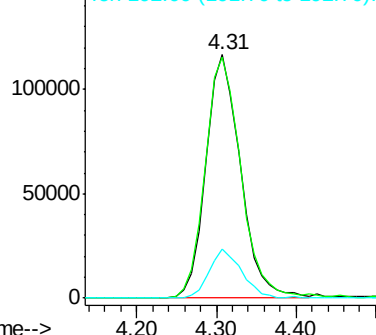


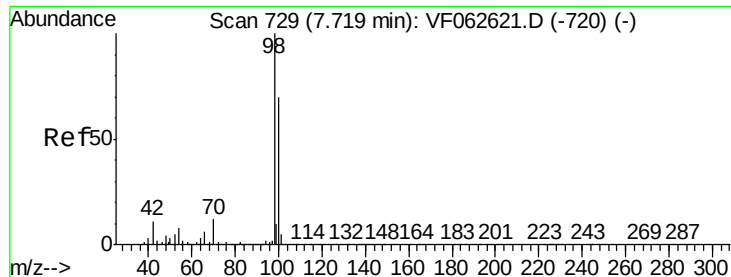
#35
Dibromofluoromethane
Concen: 37.789 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Tgt Ion:113 Resp: 352960
Ion Ratio Lower Upper
113 100
111 99.2 79.4 119.2
192 20.1 13.4 20.2



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: 30.841 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF062694.D

Acq: 21 May 2019 20:26

Instrument :

MSVOA_F

ClientSampleId :

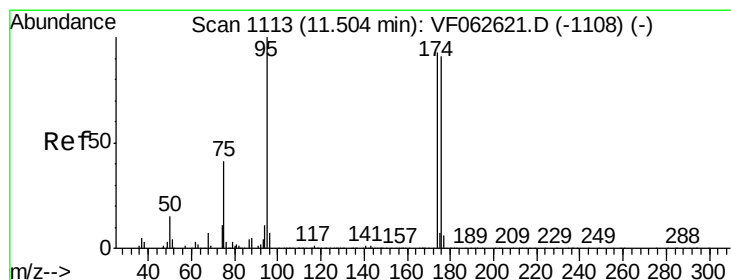
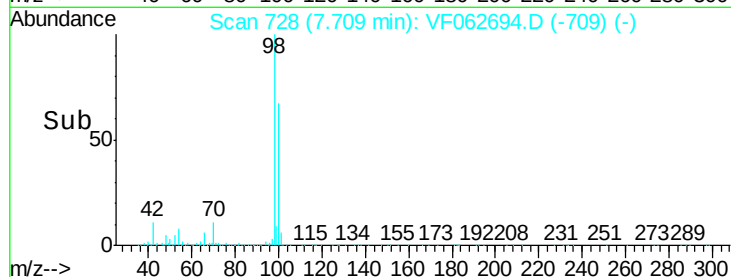
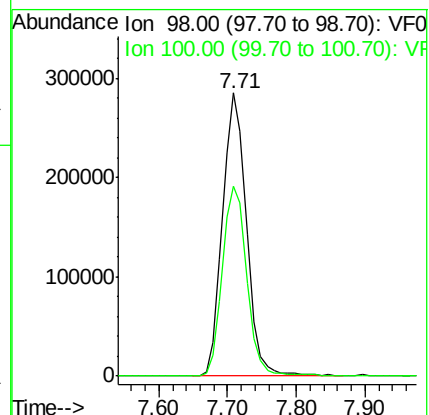
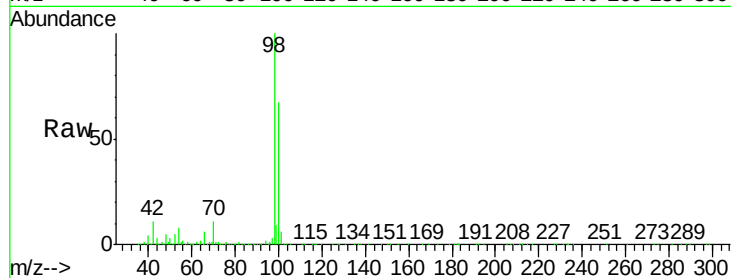
SUP-2C-G-1-052019RE

Tot Ion: 98 Resp: 687801

Ion Ratio Lower Upper

98 100

100 67.0 56.2 84.2



#62

4-Bromofluorobenzene

Concen: 28.842 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062694.D

Acq: 21 May 2019 20:26

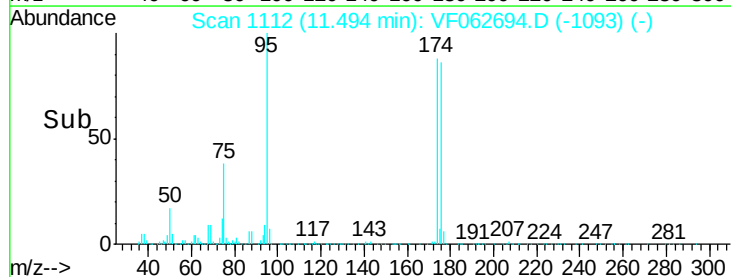
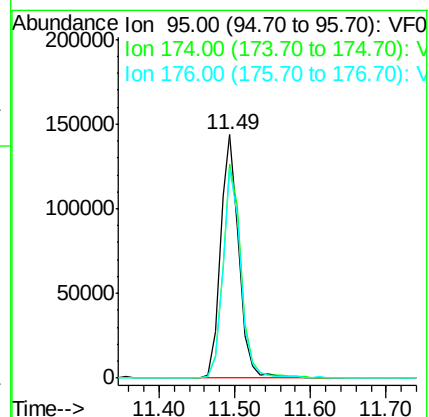
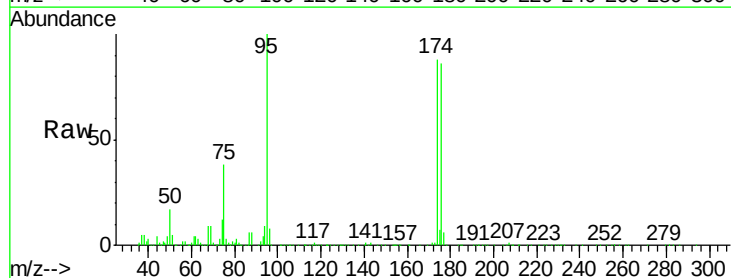
Tgt Ion: 95 Resp: 243954

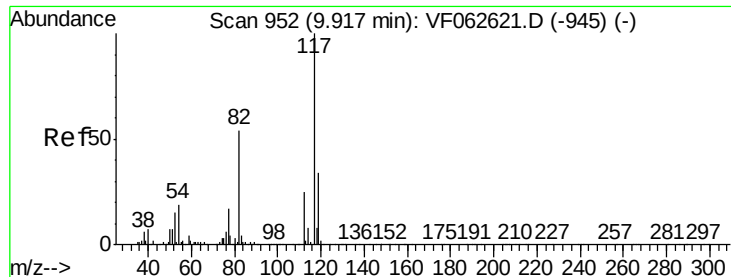
Ion Ratio Lower Upper

95 100

174 88.0 0.0 185.6

176 86.3 0.0 182.4

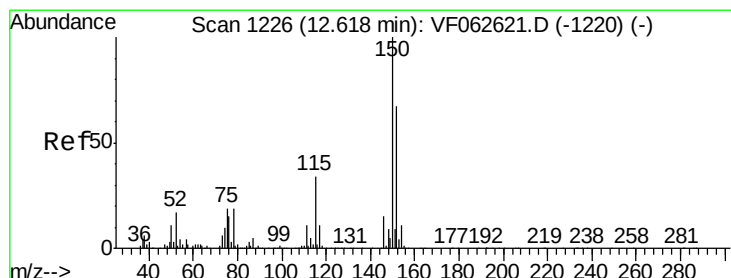
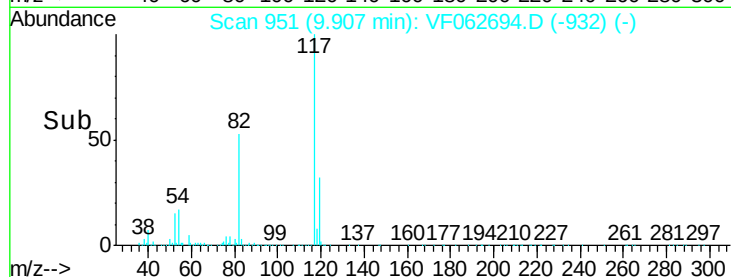
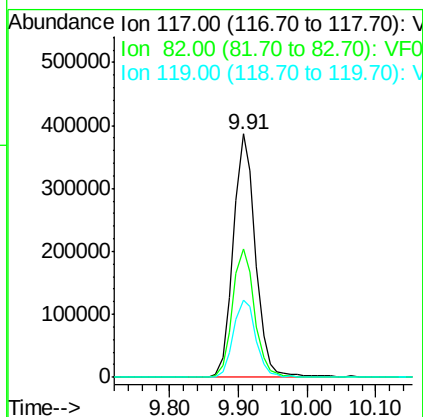
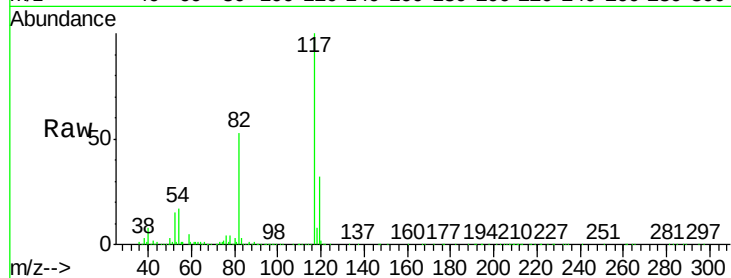




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Instrument :
MSVOA_F
ClientSampleId :
SUP-2C-G-1-052019RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.3	64.9
119	31.6	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062694.D
Acq: 21 May 2019 20:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	25.2	75.6
150	154.0	0.0	306.2

