

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052119\
 Data File : VF062690.D
 Acq On : 21 May 2019 18:35
 Operator : FY/SY
 Sample : K2971-05
 Misc : 6.38g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SUP-2A-G-5-052019

Quant Time: May 22 04:34:11 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	831437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	1398843	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	1000326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	447395	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	192909	32.83	ug/l	0.00
Spiked Amount			Recovery	=	65.66%	
35) Dibromofluoromethane	4.31	113	384496	35.92	ug/l	0.00
Spiked Amount			Recovery	=	71.84%	
50) Toluene-d8	7.71	98	768272	30.06	ug/l	0.00
Spiked Amount			Recovery	=	60.12%	
62) 4-Bromofluorobenzene	11.50	95	275082	28.38	ug/l	0.00
Spiked Amount			Recovery	=	56.76%	

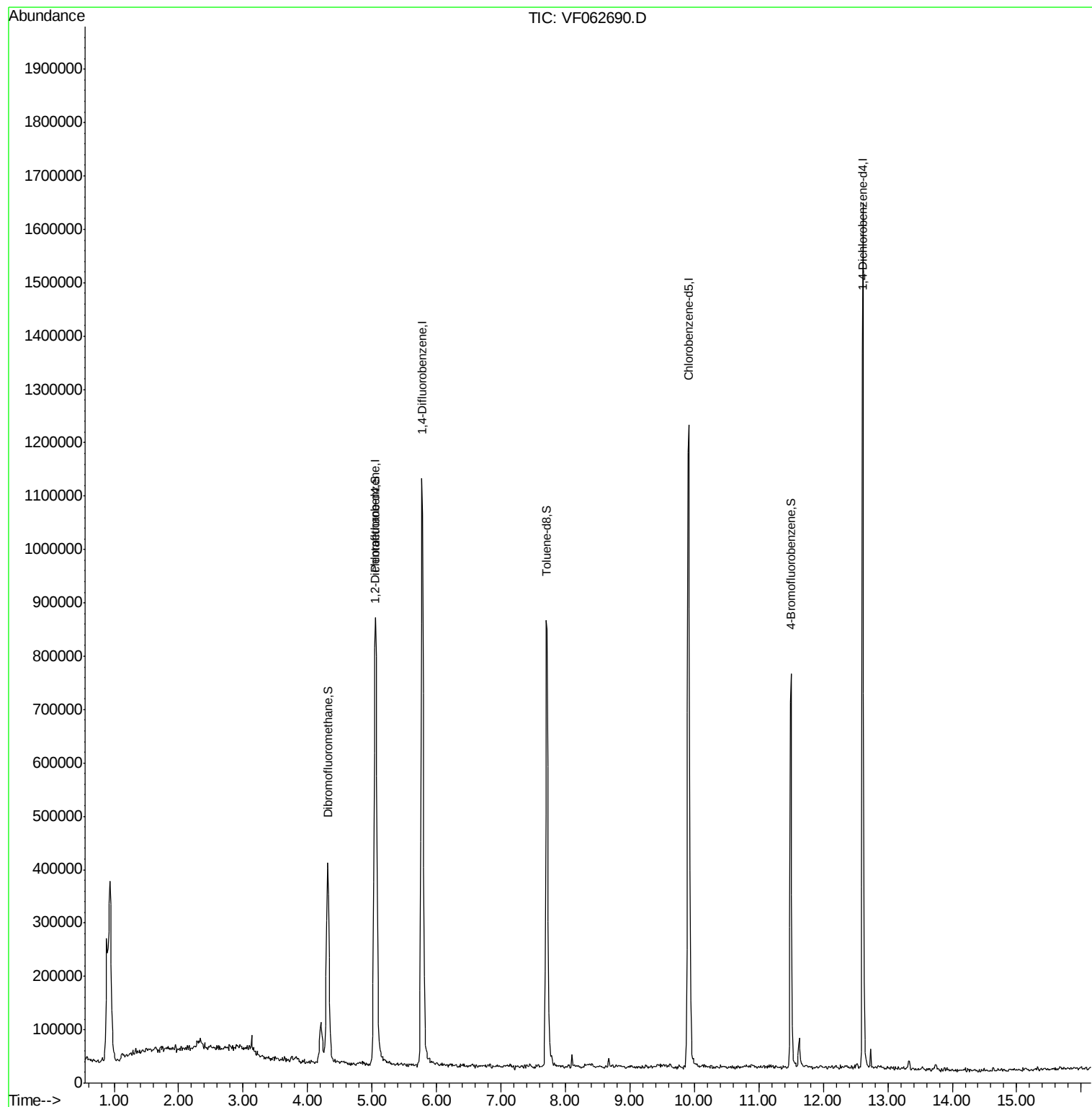
Target Compounds	Qvalue
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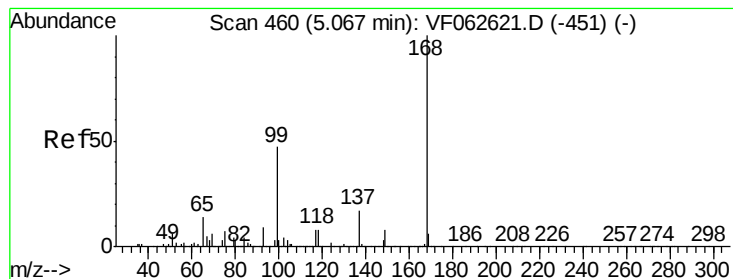
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.00 min

Lab File: VF062690.D

Acq: 21 May 2019 18:35

Instrument :

MSVOA_F

ClientSampleId :

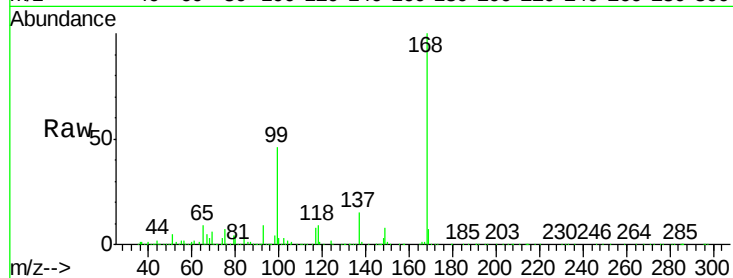
SUP-2A-G-5-052019

Tot Ion:168 Resp: 831437

Ion Ratio Lower Upper

168 100

99 46.0 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.06

300000

250000

200000

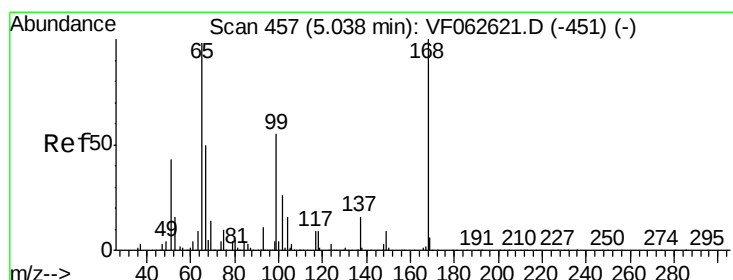
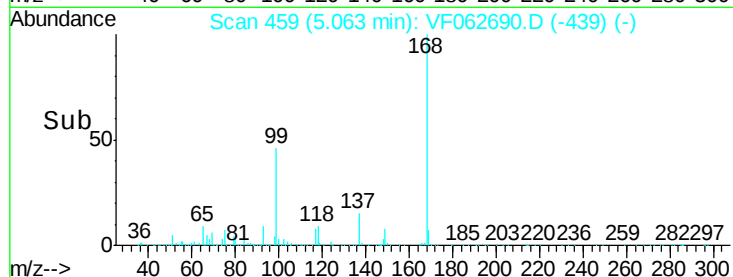
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 32.834 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF062690.D

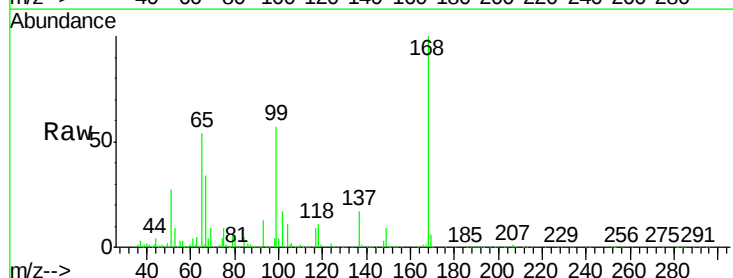
Acq: 21 May 2019 18:35

Tgt Ion: 65 Resp: 192909

Ion Ratio Lower Upper

65 100

67 61.8 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

80000

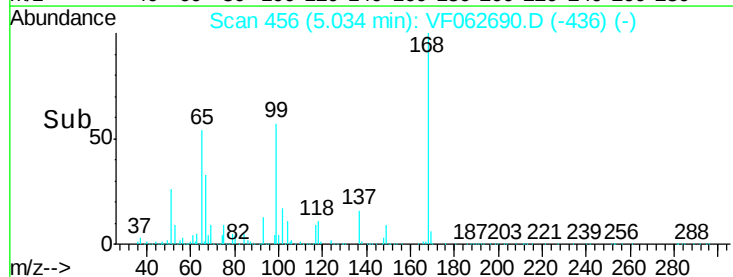
60000

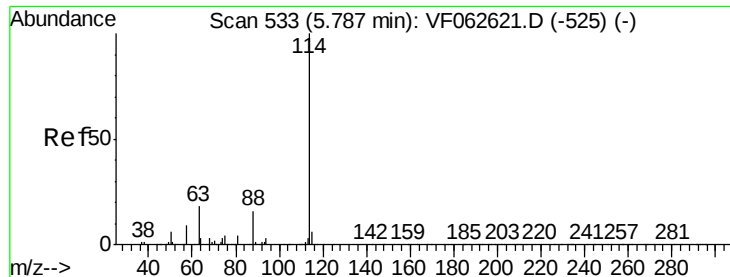
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF062690.D

Acq: 21 May 2019 18:35

Instrument :

MSVOA_F

ClientSampleId :

SUP-2A-G-5-052019

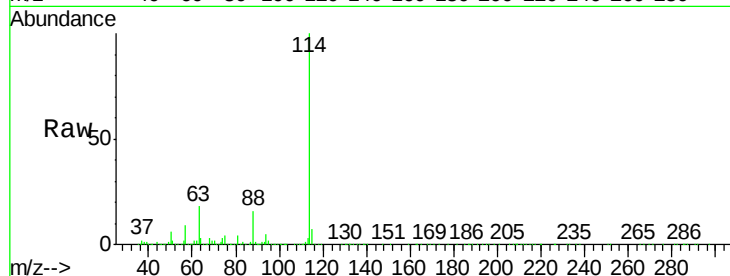
Tot Ion:114 Resp: 1398843

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.4

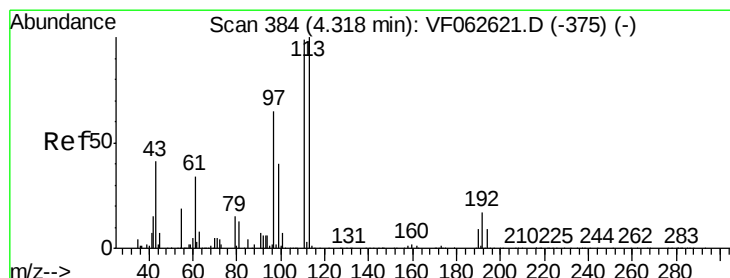
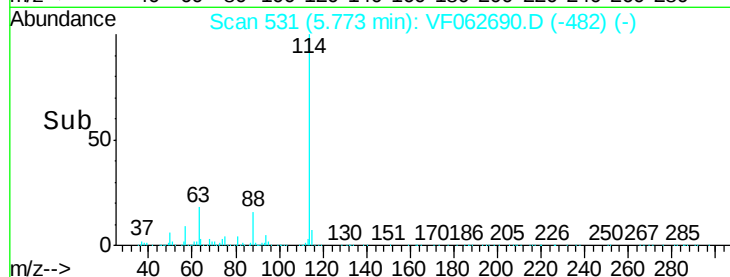
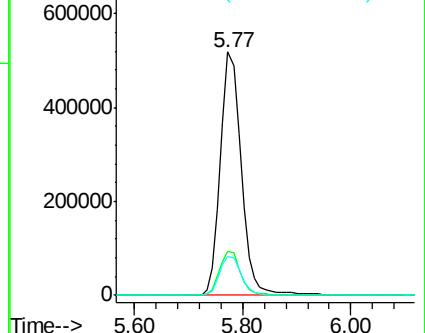
88 16.1 0.0 32.4



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: 35.921 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.00 min

Lab File: VF062690.D

Acq: 21 May 2019 18:35

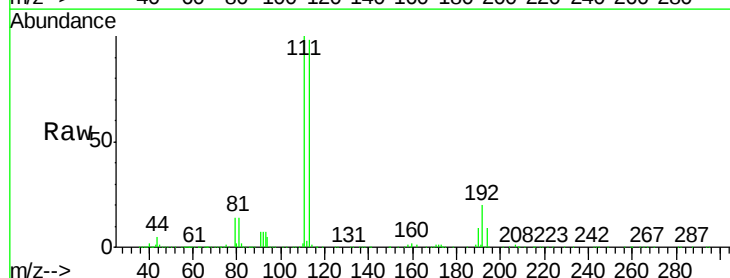
Tgt Ion:113 Resp: 384496

Ion Ratio Lower Upper

113 100

111 101.8 79.4 119.2

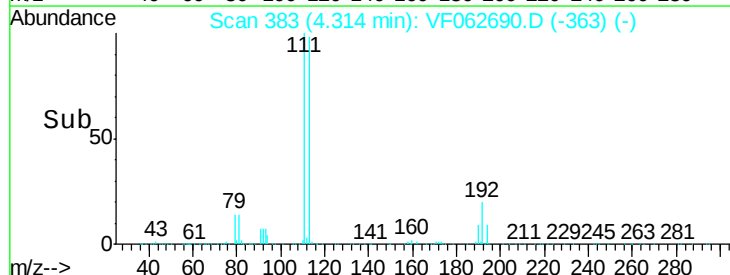
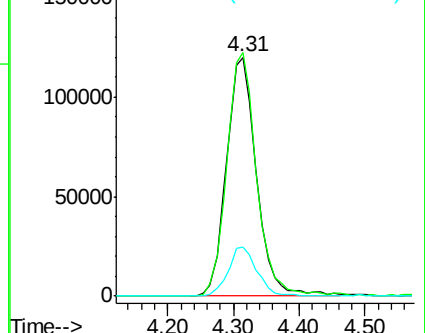
192 20.4 13.4 20.2#

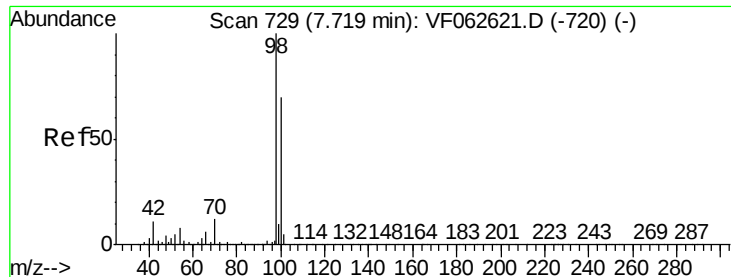


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

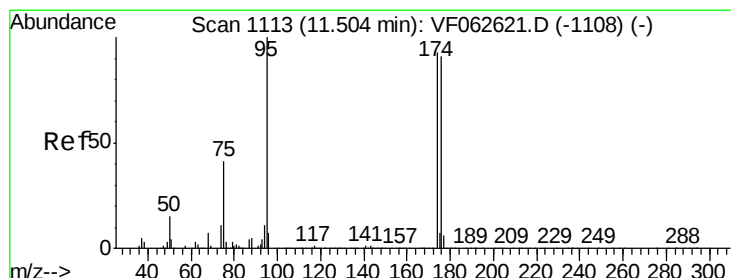
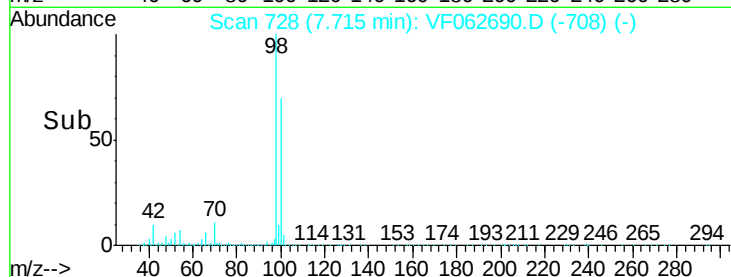
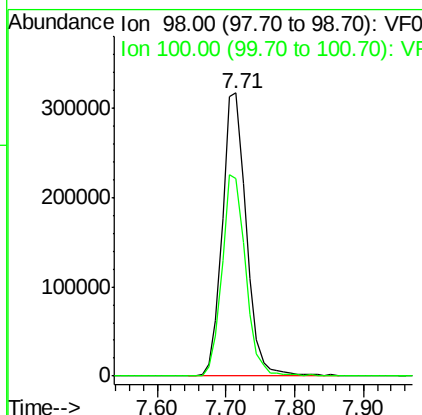
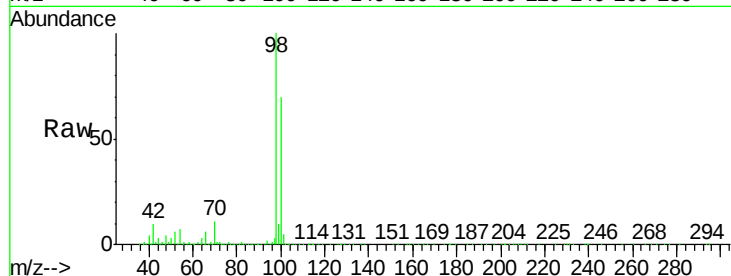




#50
Toluene-d8
Concen: 30.061 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF062690.D
Acq: 21 May 2019 18:35

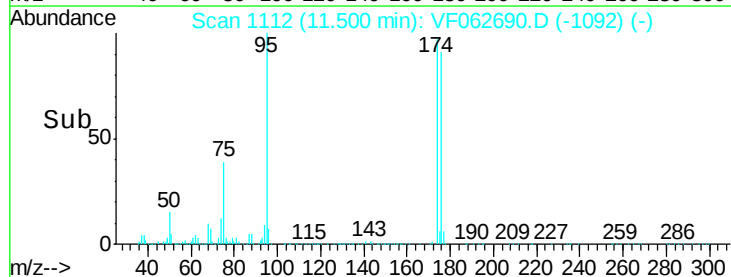
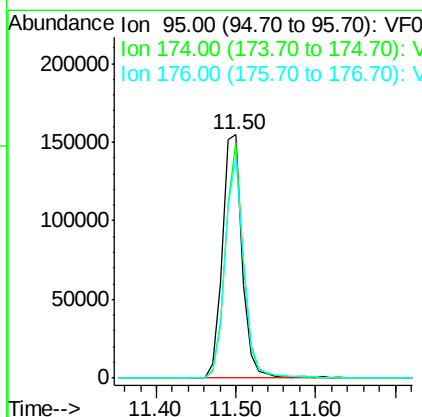
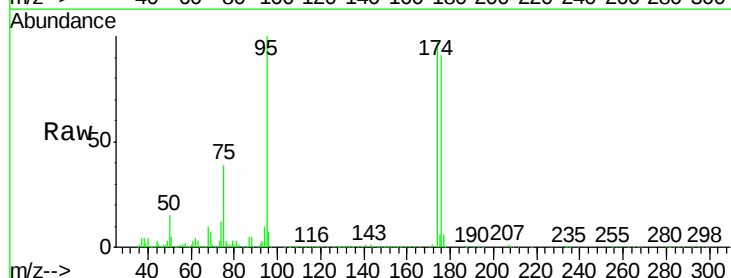
Instrument :
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SUP-2A-G-5-052019

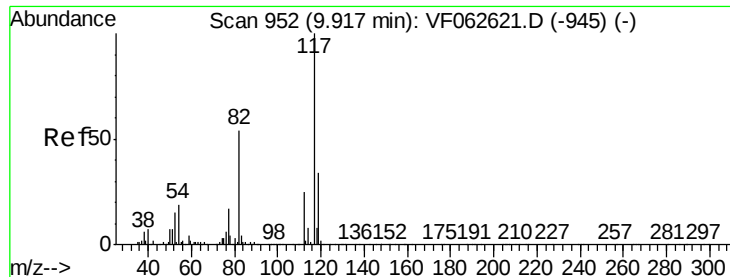
Tot Ion: 98 Resp: 768272
Ion Ratio Lower Upper
98 100
100 70.0 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 28.380 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VF062690.D
Acq: 21 May 2019 18:35

Tgt Ion: 95 Resp: 275082
Ion Ratio Lower Upper
95 100
174 96.8 0.0 185.6
176 90.7 0.0 182.4

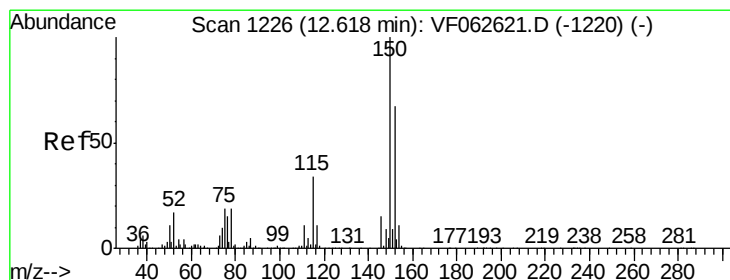
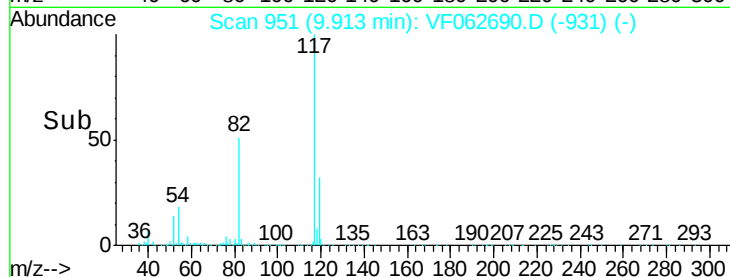
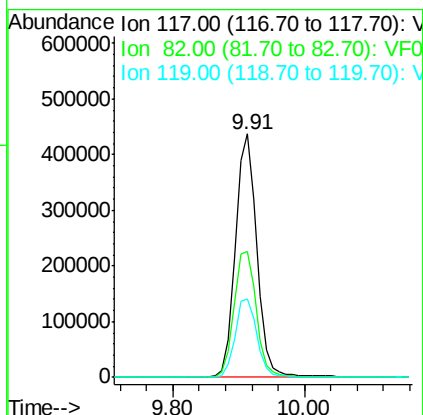
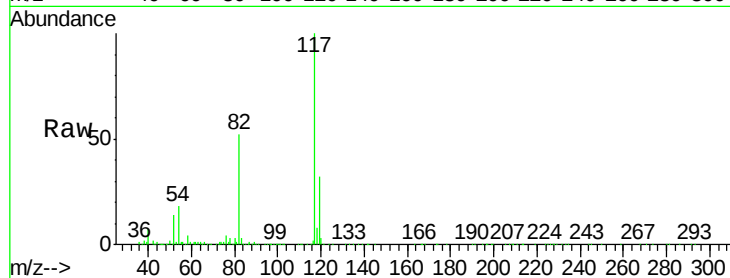




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF062690.D
Acq: 21 May 2019 18:35

Instrument :
MSVOA_F
ClientSampleId :
SUP-2A-G-5-052019

Tot Ion:117 Resp: 1000326
Ion Ratio Lower Upper
117 100
82 51.5 43.3 64.9
119 32.2 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062690.D
Acq: 21 May 2019 18:35

Tgt Ion:152 Resp: 447395
Ion Ratio Lower Upper
152 100
115 50.5 25.2 75.6
150 148.7 0.0 306.2

