

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052419\
 Data File : VF062740.D
 Acq On : 24 May 2019 11:49
 Operator : FY/SY
 Sample : VF0524SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0524SBL01

Quant Time: May 24 23:14:39 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	738701	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	1219972	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	918381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	405902	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	242399	46.44	ug/l	0.00
Spiked Amount						
			Recovery	=	92.88%	
35) Dibromofluoromethane	4.31	113	465186	49.83	ug/l	-0.01
Spiked Amount						
			Recovery	=	99.66%	
50) Toluene-d8	7.72	98	1033688	46.38	ug/l	0.00
Spiked Amount						
			Recovery	=	92.76%	
62) 4-Bromofluorobenzene	11.50	95	390057	46.14	ug/l	0.00
Spiked Amount						
			Recovery	=	92.28%	

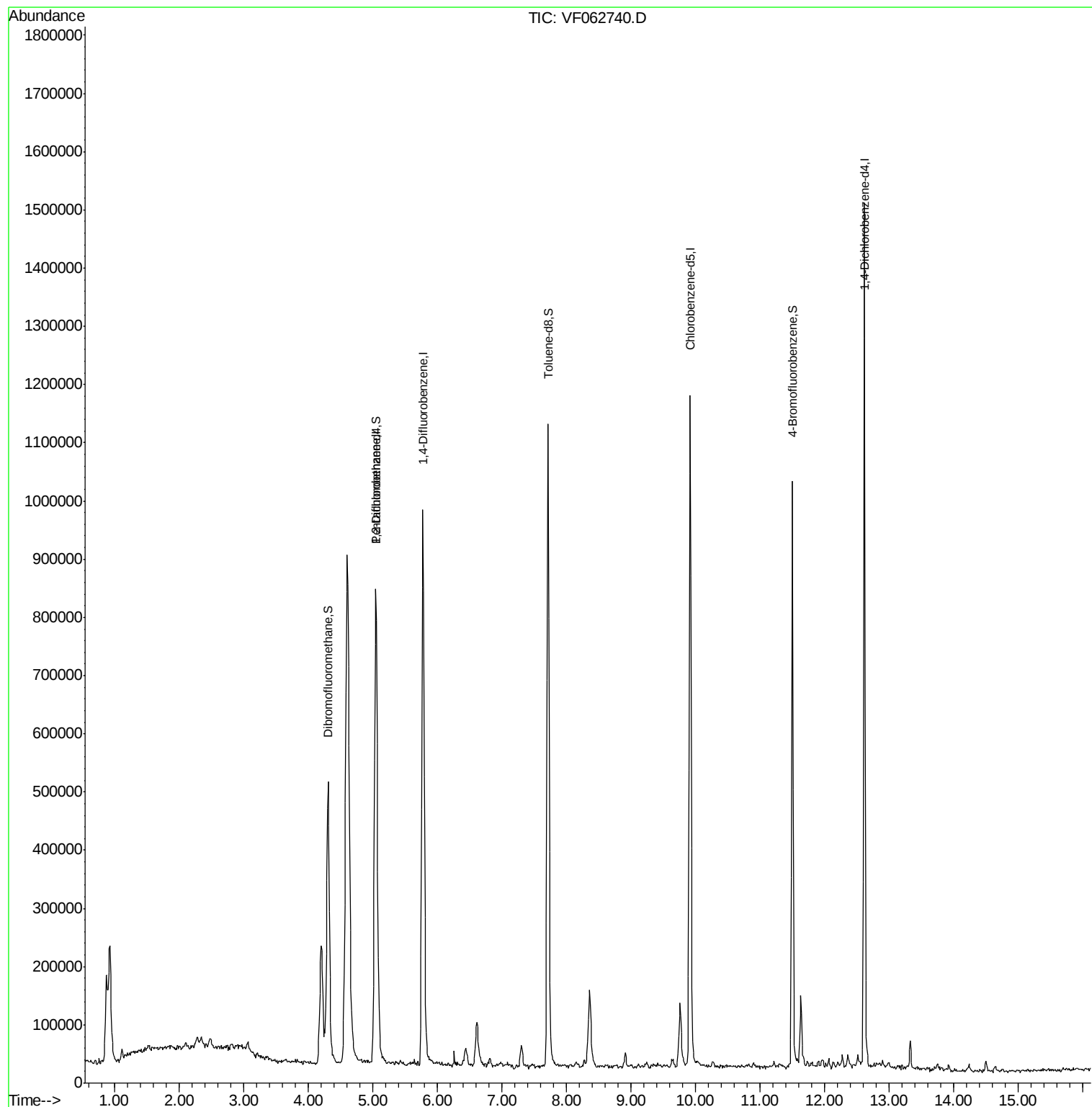
Target Compounds	Qvalue

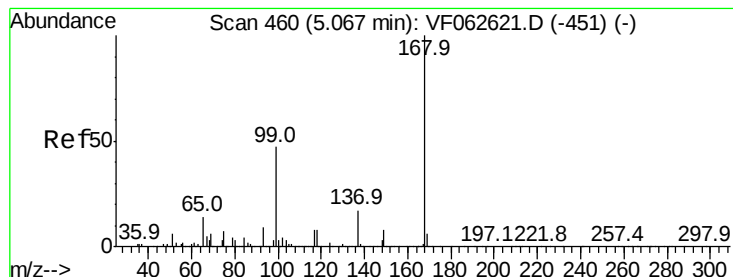
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062740.D

Acq: 24 May 2019 11:49

Instrument :

MSVOA_F

ClientSampleId :

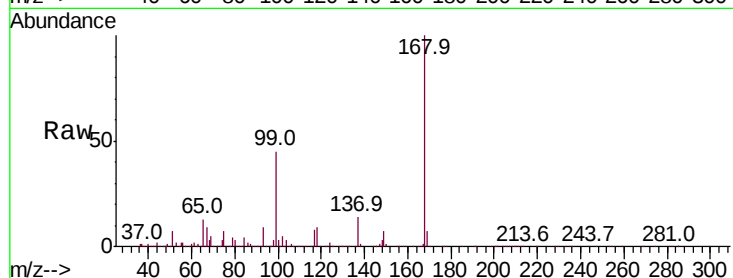
VF0524SBL01

Tot Ion:168 Resp: 738701

Ion Ratio Lower Upper

168 100

99 44.7 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

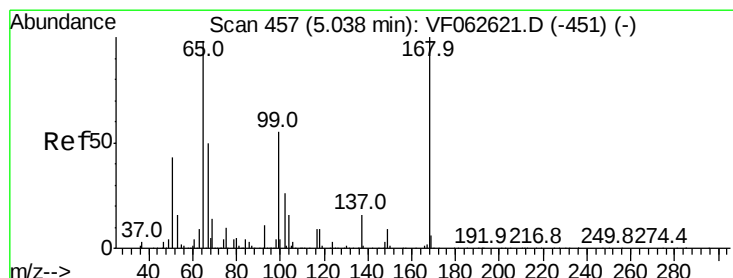
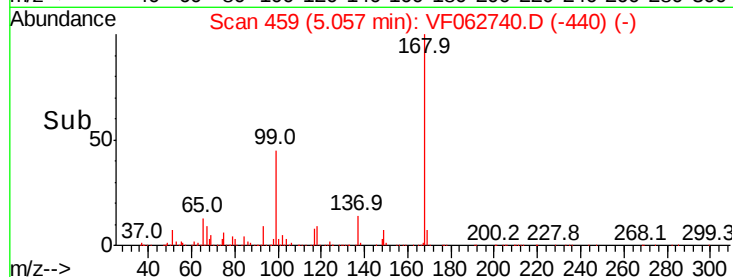
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.436 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF062740.D

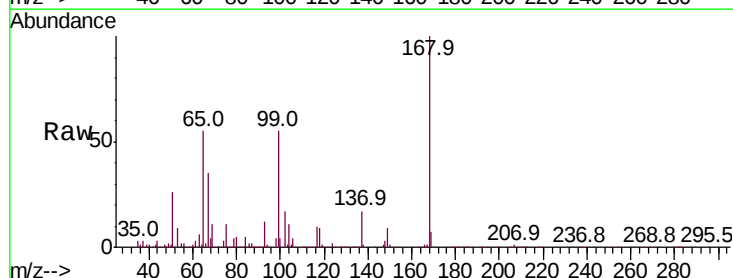
Acq: 24 May 2019 11:49

Tgt Ion: 65 Resp: 242399

Ion Ratio Lower Upper

65 100

67 63.3 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.04

100000

80000

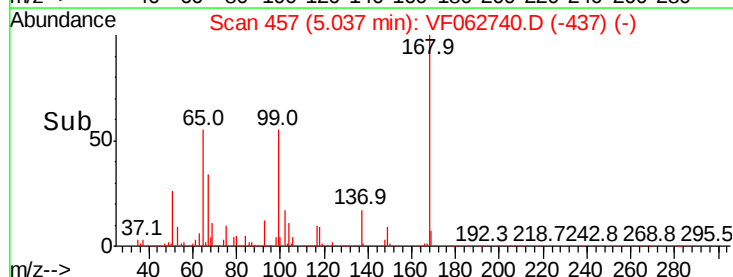
60000

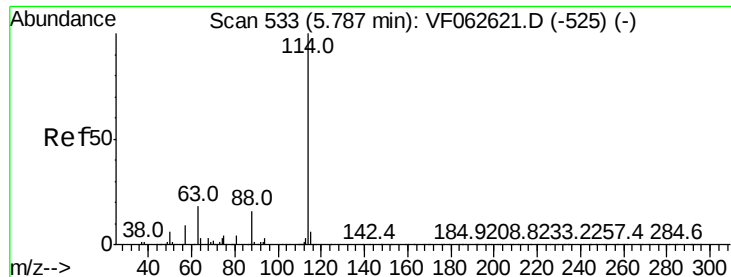
40000

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: VF062740.D

Acq: 24 May 2019 11:49

Instrument :

MSVOA_F

ClientSampleId :

VF0524SBL01

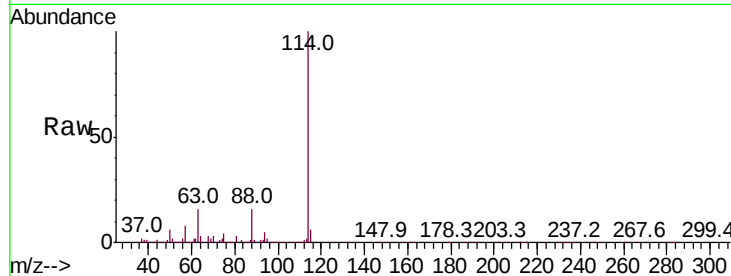
Tot Ion:114 Resp: 1219972

Ion Ratio Lower Upper

114 100

63 15.8 0.0 35.4

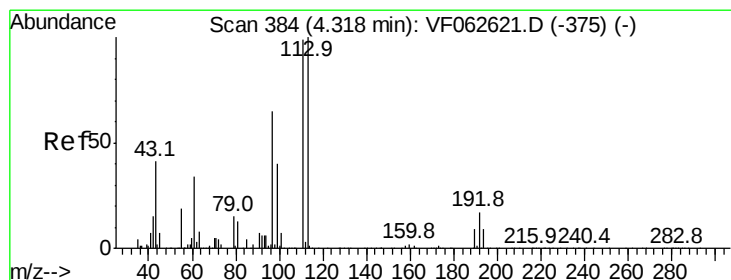
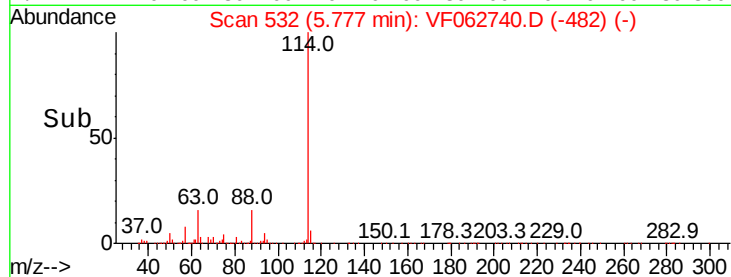
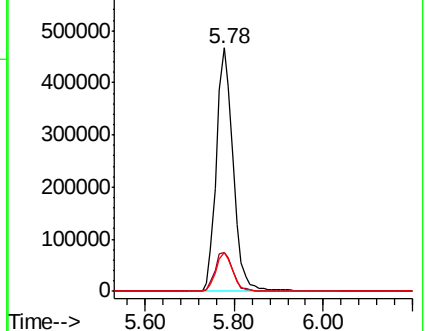
88 16.2 0.0 32.4



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: 49.831 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.01 min

Lab File: VF062740.D

Acq: 24 May 2019 11:49

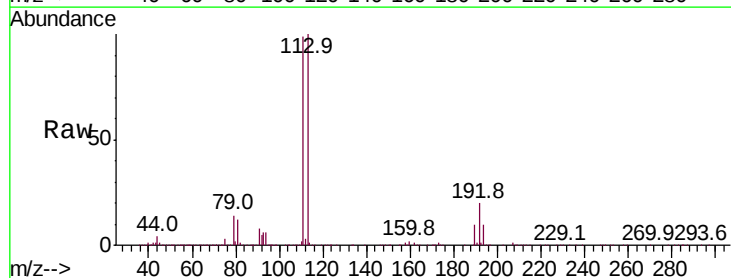
Tgt Ion:113 Resp: 465186

Ion Ratio Lower Upper

113 100

111 99.1 79.4 119.2

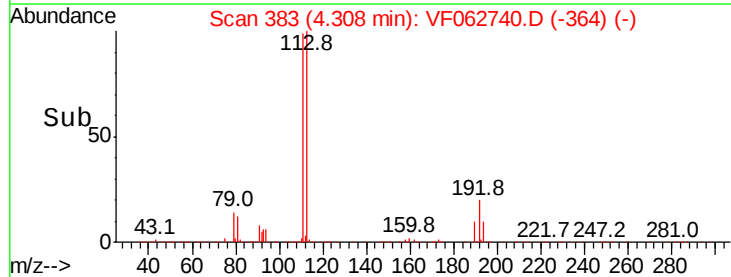
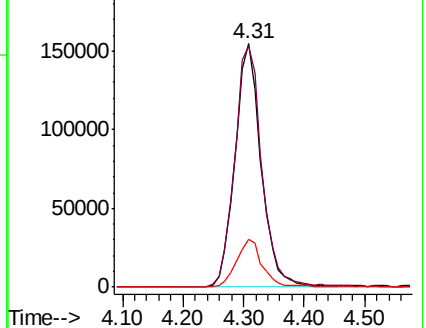
192 19.7 13.4 20.2

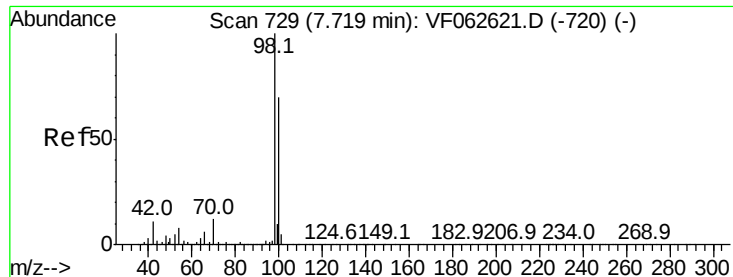


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

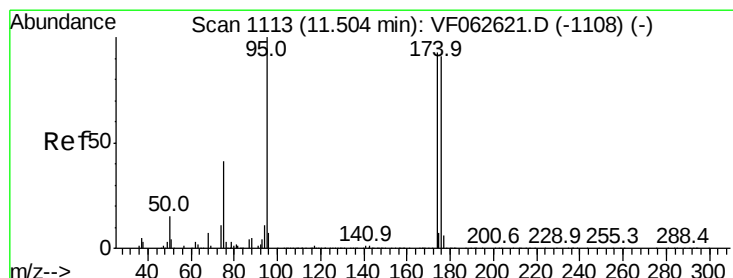
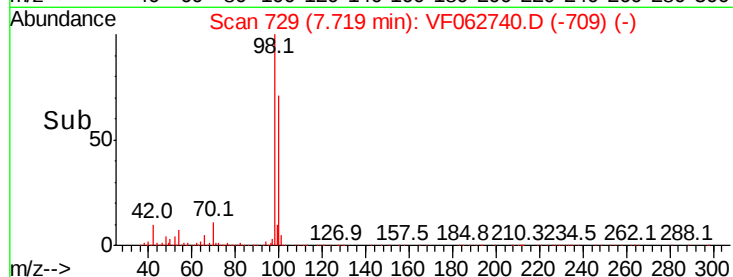
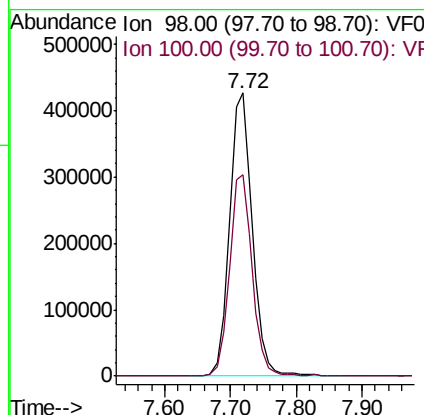
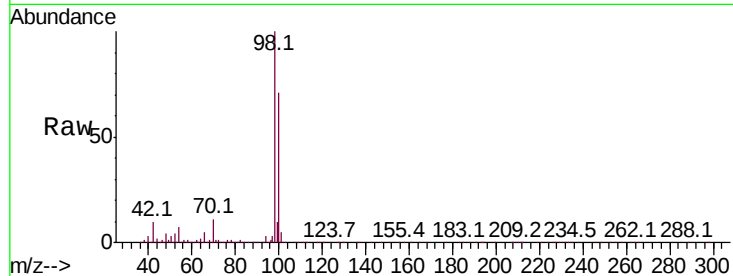




#50
Toluene-d8
Concen: 46.377 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.00 min
Lab File: VF062740.D
Acq: 24 May 2019 11:49

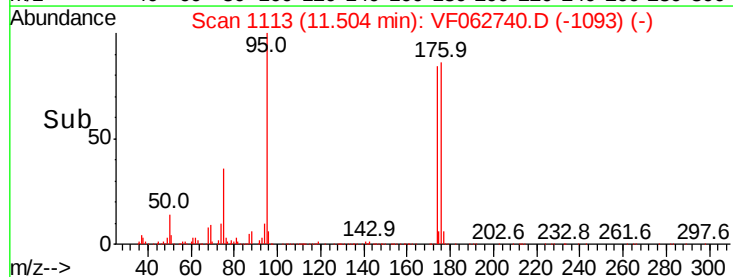
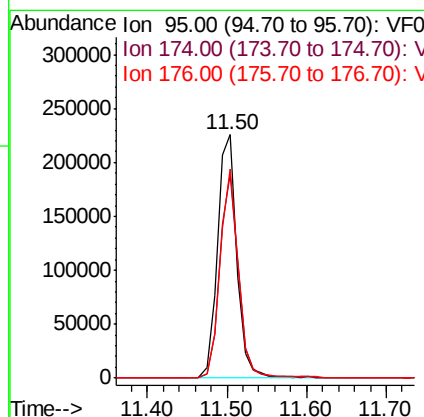
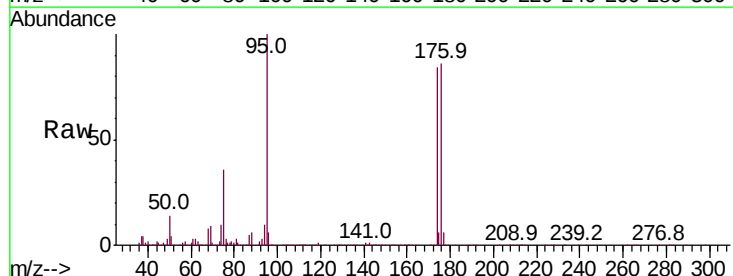
Instrument :
MSVOA_F
ClientSampleId :
VF0524SBL01

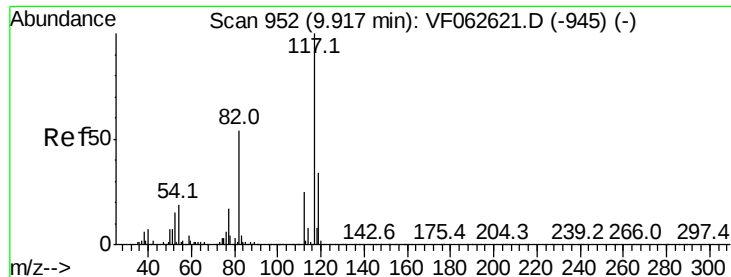
Tot Ion: 98 Resp: 1033688
Ion Ratio Lower Upper
98 100
100 71.0 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 46.141 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062740.D
Acq: 24 May 2019 11:49

Tgt Ion: 95 Resp: 390057
Ion Ratio Lower Upper
95 100
174 83.8 0.0 185.6
176 86.1 0.0 182.4

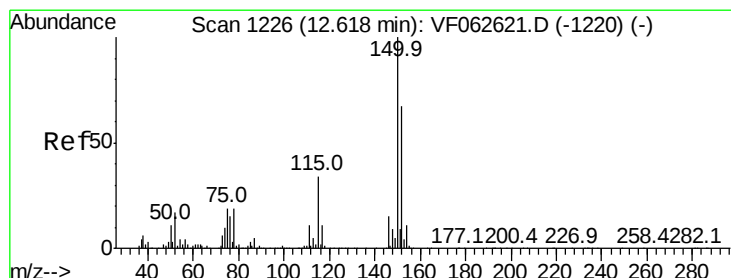
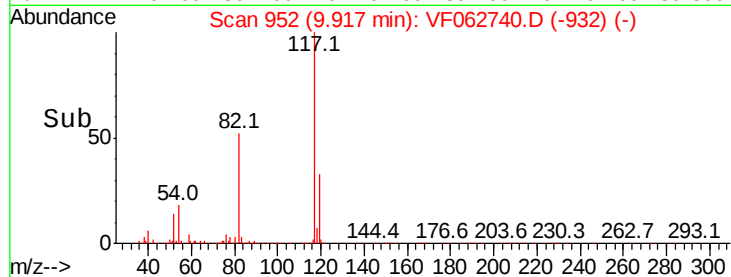
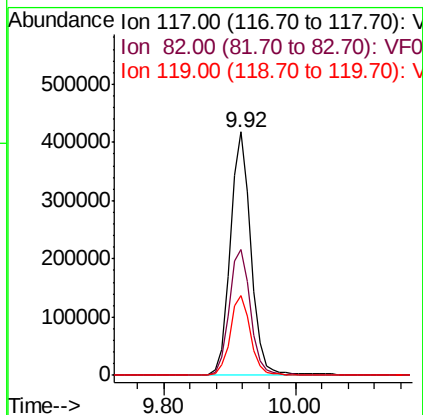
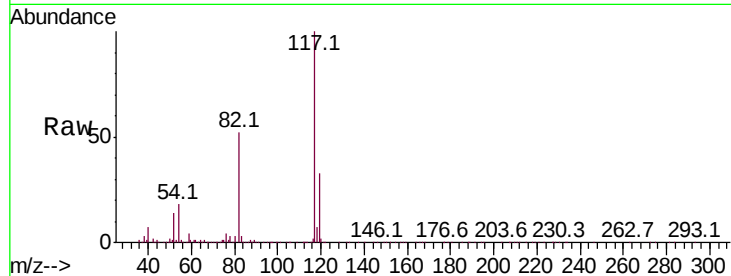




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF062740.D
Acq: 24 May 2019 11:49

Instrument :
MSVOA_F
ClientSampleId :
VF0524SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.3	64.9
119	32.7	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062740.D
Acq: 24 May 2019 11:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.4	25.2	75.6
150	149.9	0.0	306.2

