

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062513.D
 Acq On : 12 May 2019 19:56
 Operator : FY/SY
 Sample : K2734-19RE
 Misc : 5.56g/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS014-1218-01RE

Quant Time: May 13 06:46:55 2019
 Quant Method : Z:\V0ASRV\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	5.07	168	119175	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	145679	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	116862	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	43688	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	41979	37.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.54%	
35) Dibromofluoromethane	4.33	113	50282	43.32	ug/l	0.03
Spiked Amount 50.000			Recovery	=	86.64%	
50) Toluene-d8	7.73	98	99644	35.47	ug/l	0.02
Spiked Amount 50.000			Recovery	=	70.94%	
62) 4-Bromofluorobenzene	11.51	95	32768	25.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	51.70%	

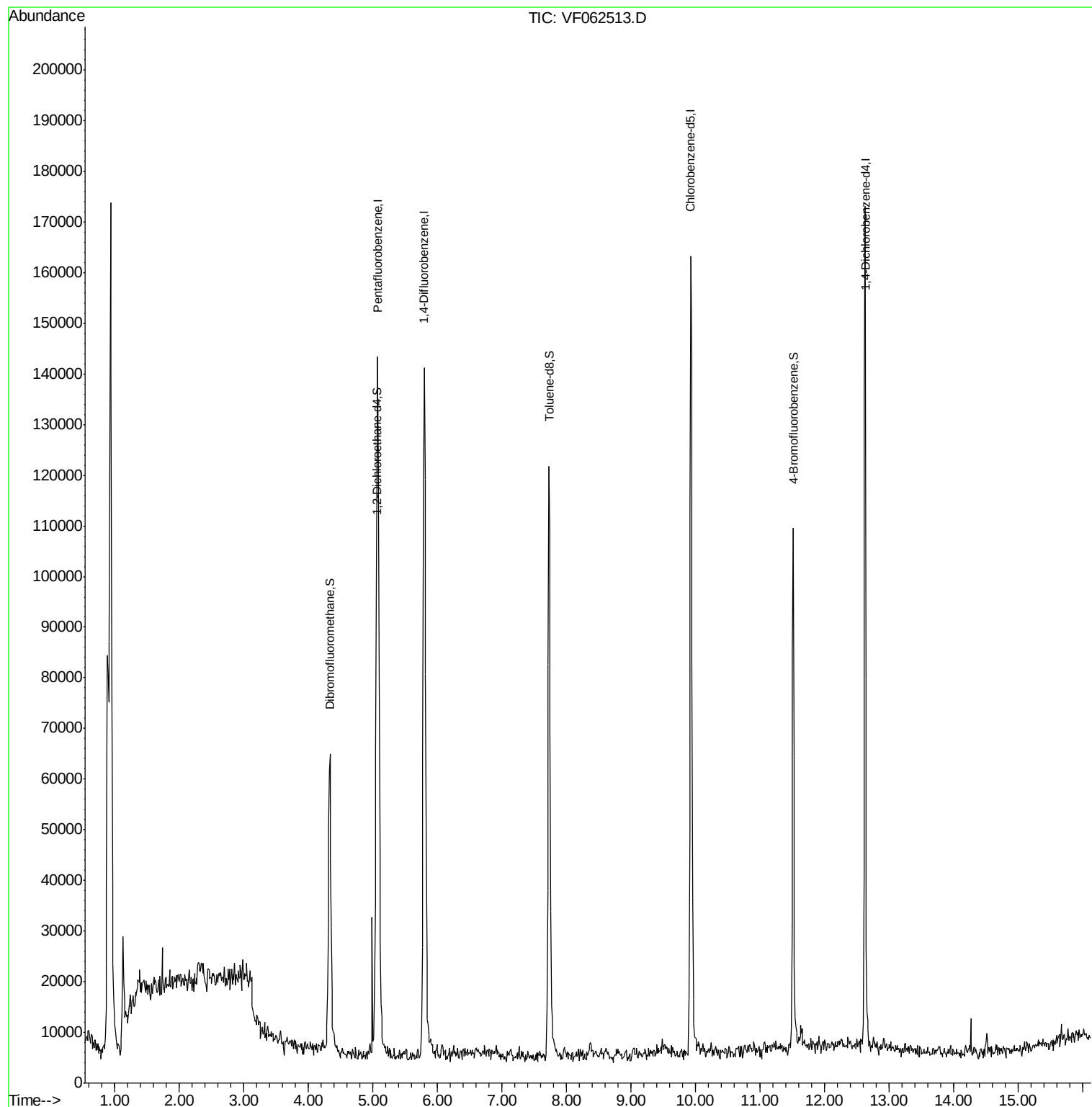
Target Compounds Qvalue

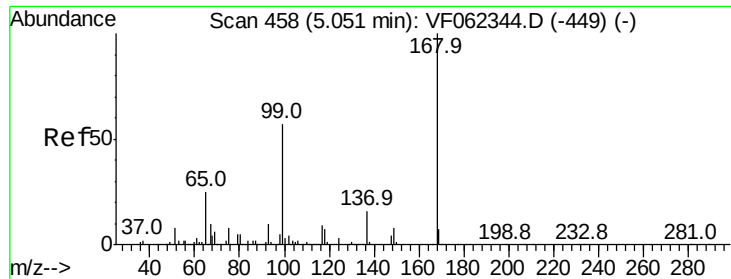
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062513.D

Acq: 12 May 2019 19:56

Instrument :

MSVOA_F

ClientSampleId :

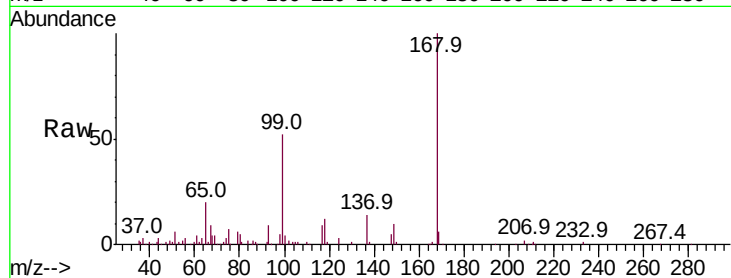
P026-SS014-1218-01RE

Tot Ion:168 Resp: 119175

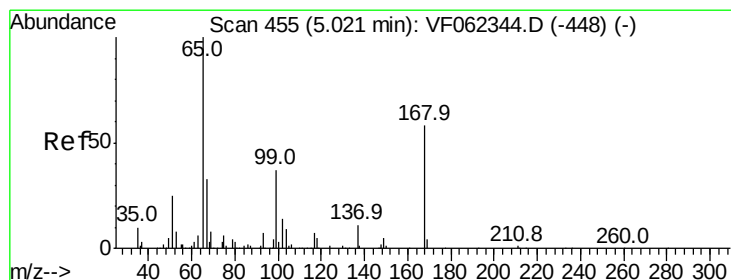
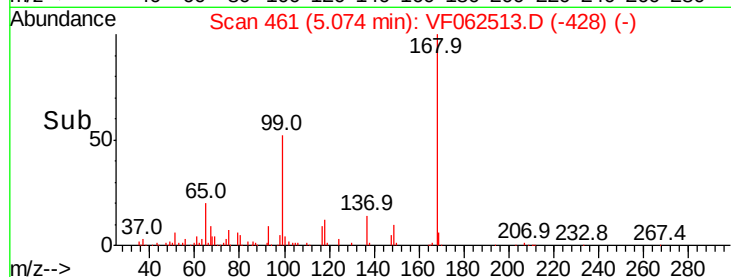
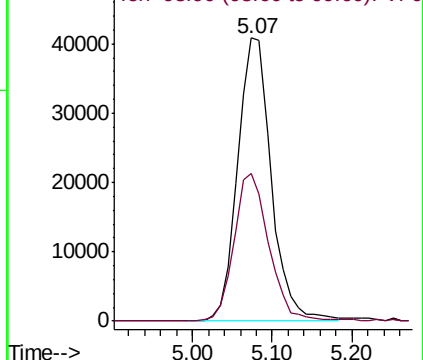
Ion Ratio Lower Upper

168 100

99 52.3 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 37.273 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062513.D

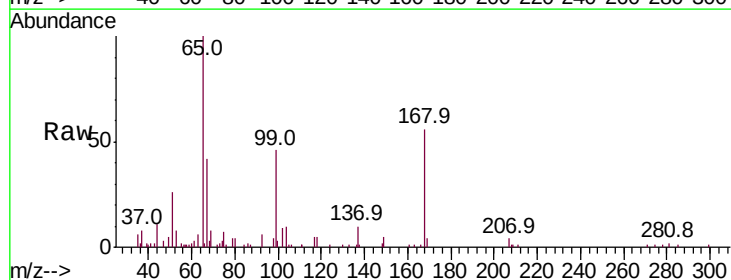
Acq: 12 May 2019 19:56

Tgt Ion: 65 Resp: 41979

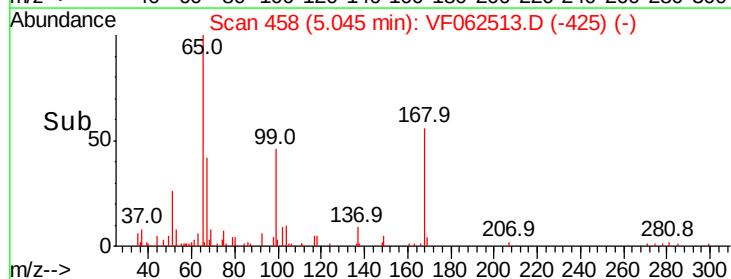
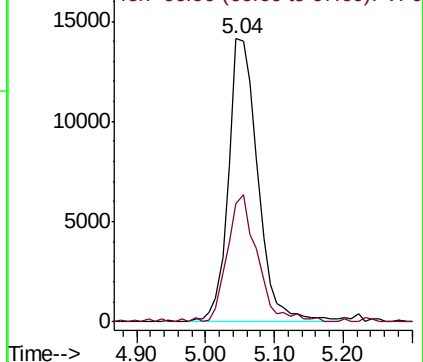
Ion Ratio Lower Upper

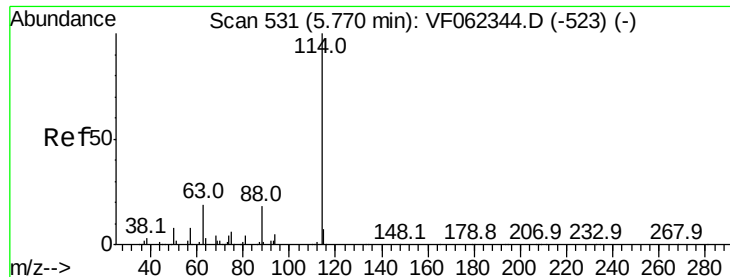
65 100

67 45.8 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

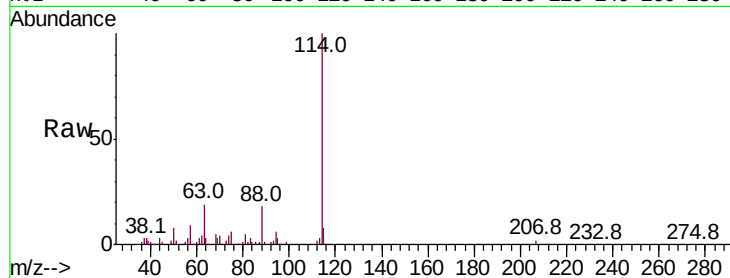




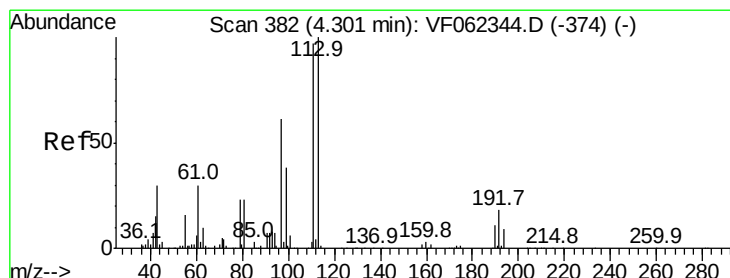
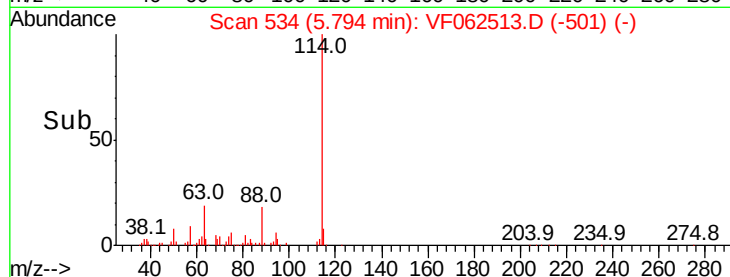
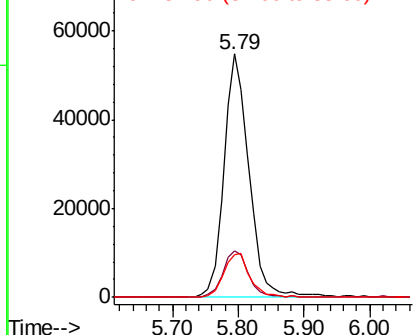
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VF062513.D
 Acq: 12 May 2019 19:56

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS014-1218-01RE

Tot Ion:	114	Resp:	145679
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.4
88	17.6	0.0	36.4

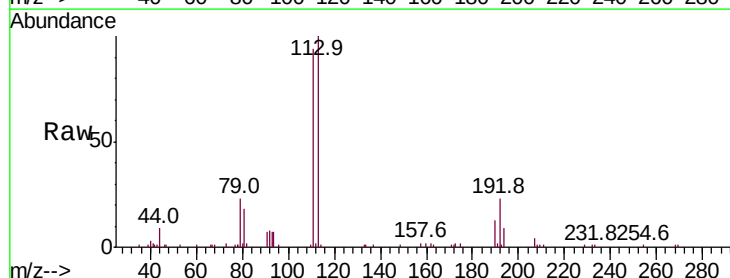


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 87.90 (87.60 to 88.60): VF0

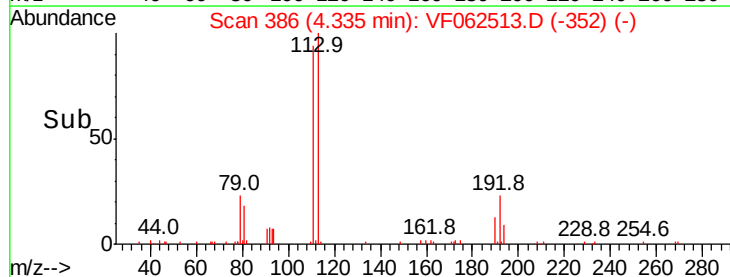
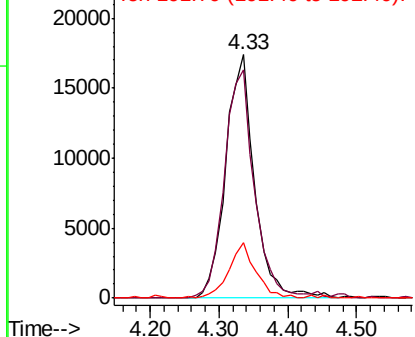


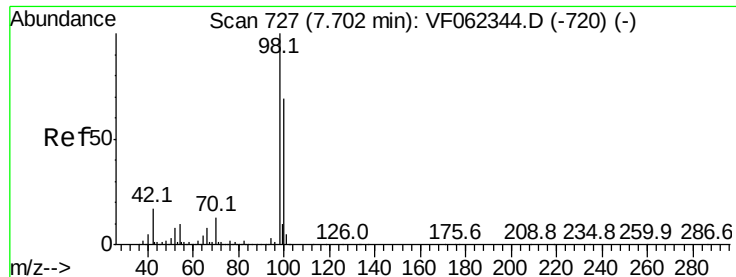
#35
 Dibromofluoromethane
 Concen: 43.324 ug/l
 RT: 4.33 min Scan# 386
 Delta R.T. 0.03 min
 Lab File: VF062513.D
 Acq: 12 May 2019 19:56

Tgt Ion:	113	Resp:	50282
Ion	Ratio	Lower	Upper
113	100		
111	96.8	79.4	119.0
192	21.0	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

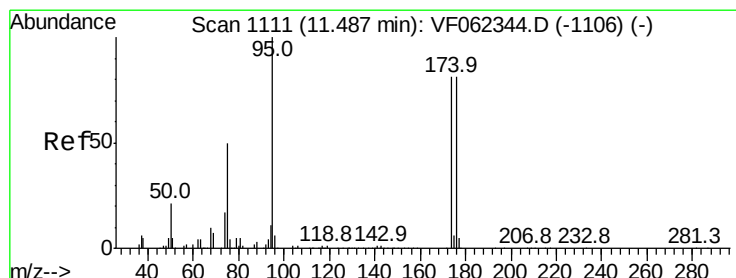
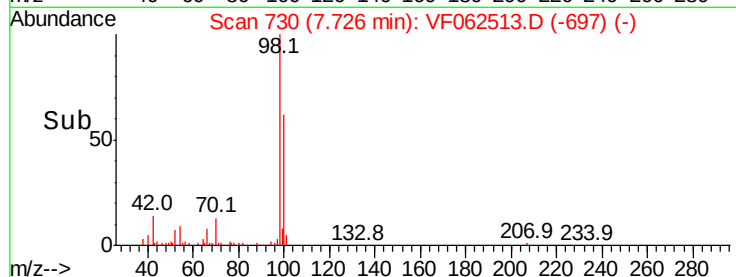
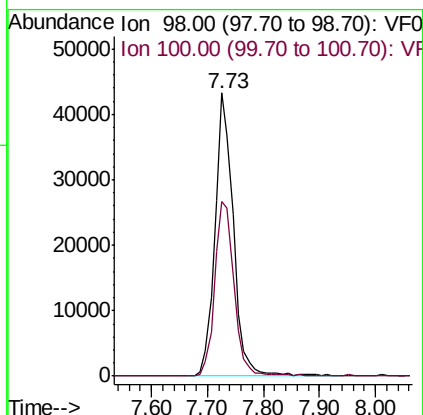
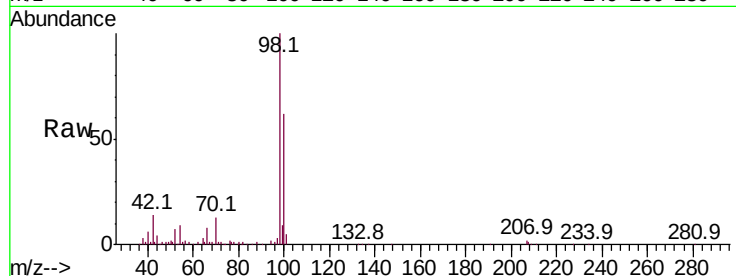




#50
Toluene-d8
Concen: 35.468 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062513.D
Acq: 12 May 2019 19:56

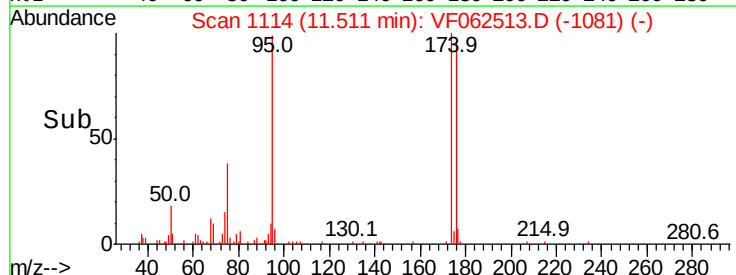
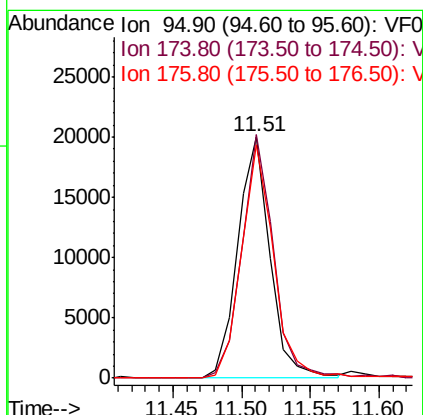
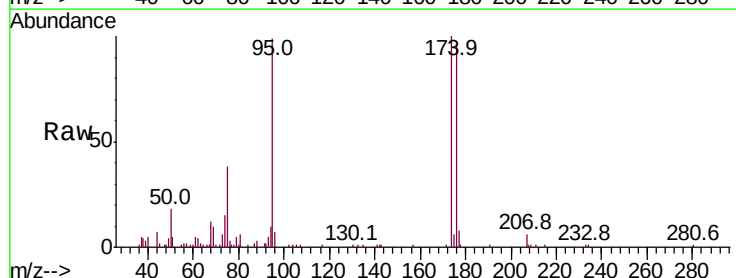
Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01RE

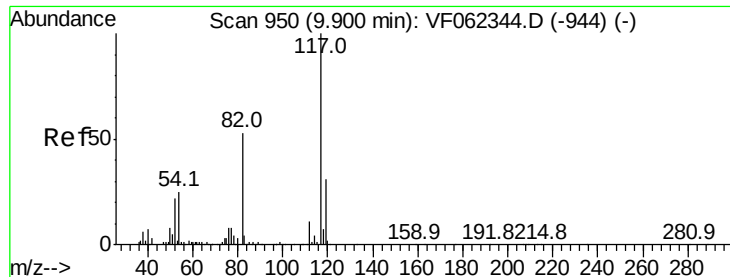
Tot Ion: 98 Resp: 99644
Ion Ratio Lower Upper
98 100
100 64.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 25.852 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062513.D
Acq: 12 May 2019 19:56

Tgt Ion: 95 Resp: 32768
Ion Ratio Lower Upper
95 100
174 100.4 0.0 191.8
176 96.9 0.0 193.2

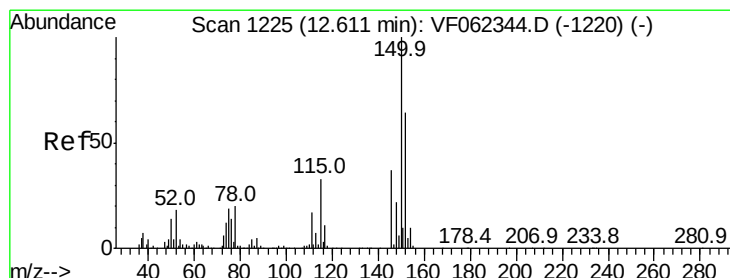
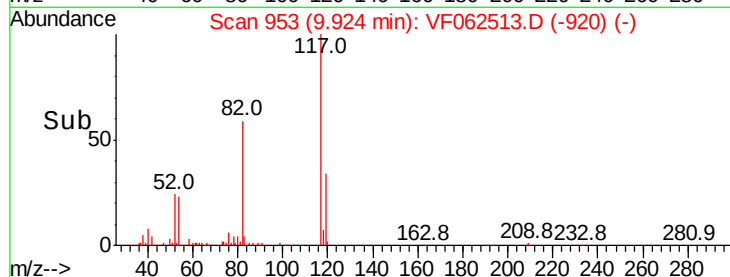
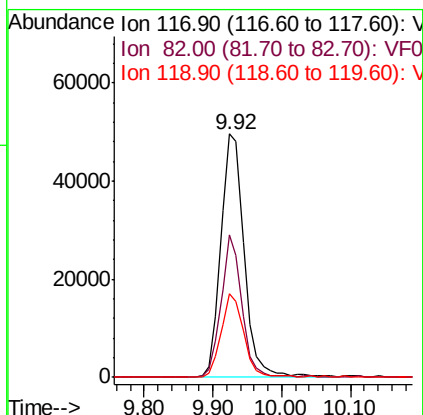
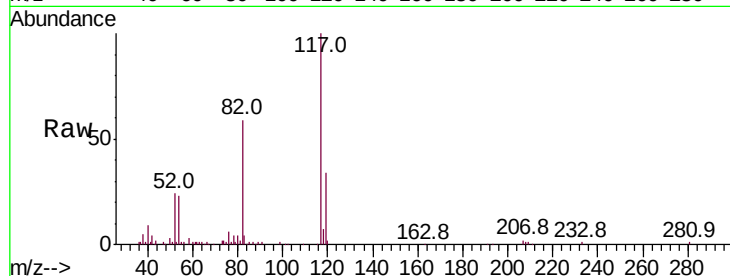




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062513.D
Acq: 12 May 2019 19:56

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1218-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	42.2	63.2
119	34.1	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062513.D
Acq: 12 May 2019 19:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.4	79.2
150	162.3	0.0	335.0

