

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051419\
 Data File : VF062598.D
 Acq On : 14 May 2019 23:57
 Operator : FY/SY
 Sample : K2806-02
 Misc : 6.30g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-EF-01-009-ABCD

Quant Time: May 15 05:50:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:06:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	651598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1121091	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	761772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	298879	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	197495	40.12	ug/l	-0.02
Spiked Amount						
			Recovery	=		80.24%
35) Dibromofluoromethane	4.33	113	339635	40.70	ug/l	0.00
Spiked Amount						
			Recovery	=		81.40%
50) Toluene-d8	7.73	98	697679	35.48	ug/l	0.00
Spiked Amount						
			Recovery	=		70.96%
62) 4-Bromofluorobenzene	11.51	95	223384	32.53	ug/l	0.00
Spiked Amount						
			Recovery	=		65.06%

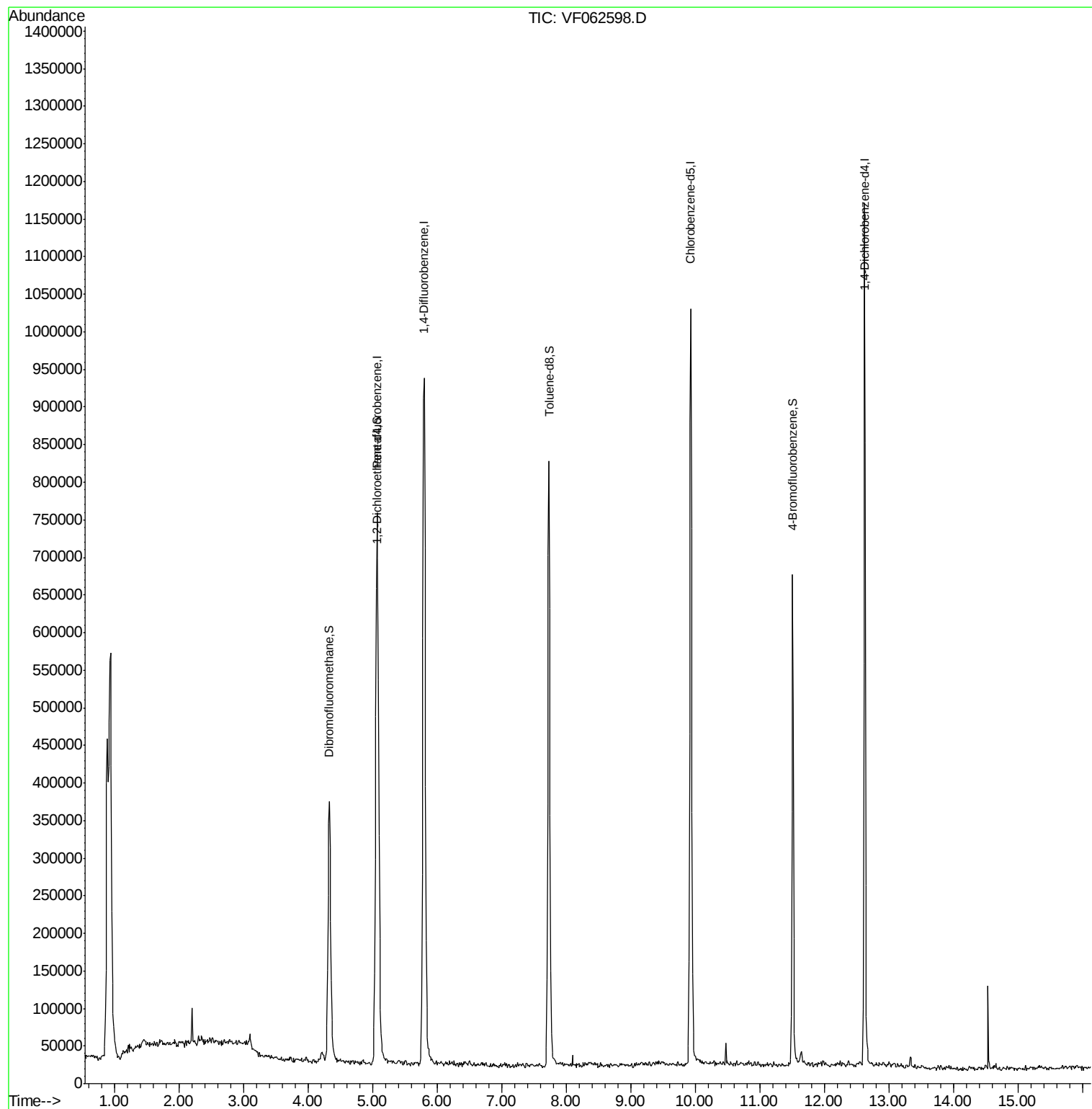
Target Compounds	Qvalue

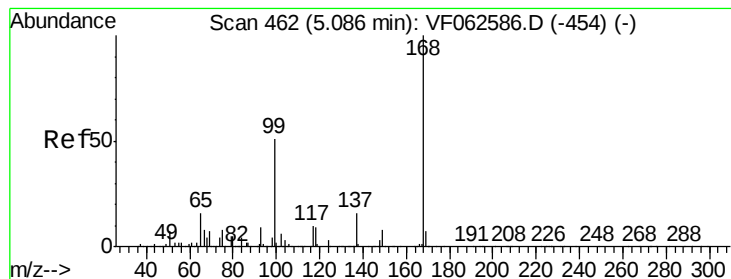
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. -0.01 min

Lab File: VF062598.D

Acq: 14 May 2019 23:57

Instrument :

MSVOA_F

ClientSampleId :

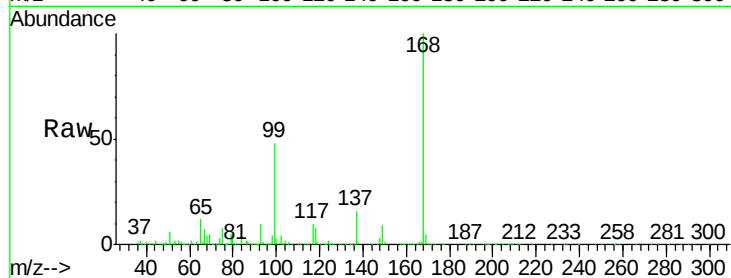
FK-EF-01-009-ABCD

Tot Ion:168 Resp: 651598

Ion Ratio Lower Upper

168 100

99 47.9 41.0 61.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.08

250000

200000

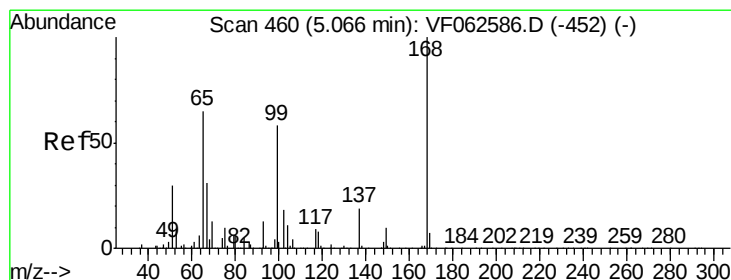
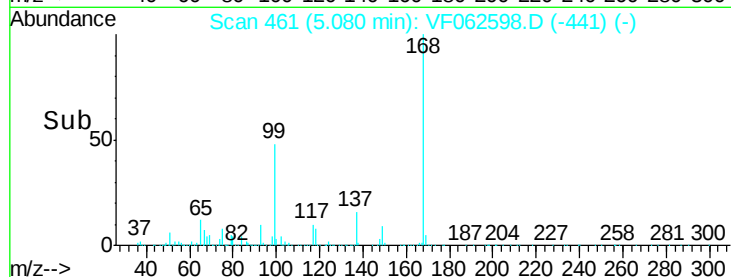
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.121 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062598.D

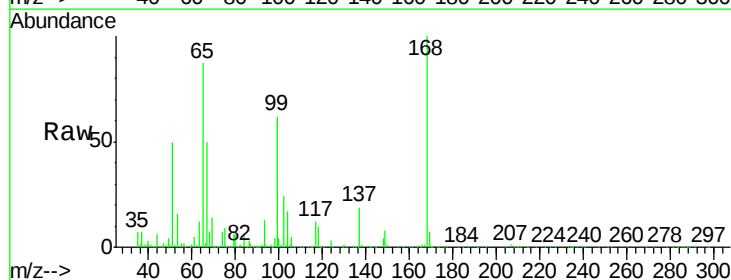
Acq: 14 May 2019 23:57

Tgt Ion: 65 Resp: 197495

Ion Ratio Lower Upper

65 100

67 57.3 0.0 116.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.05

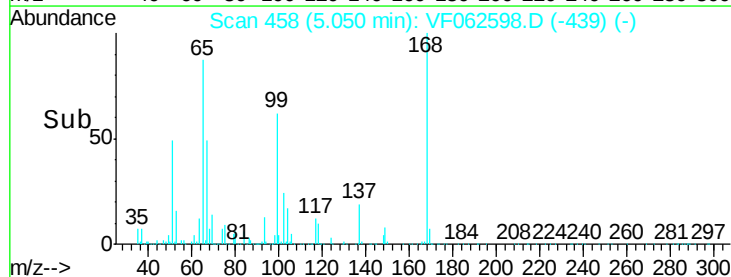
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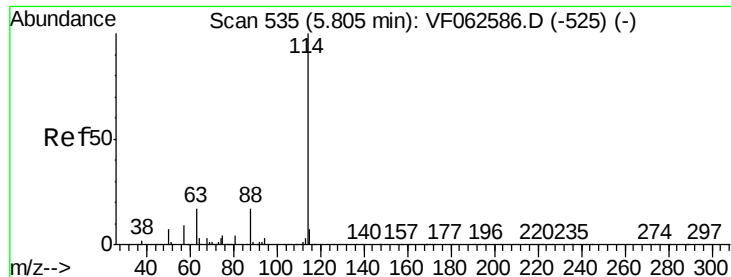
40000

20000

0

Time-->

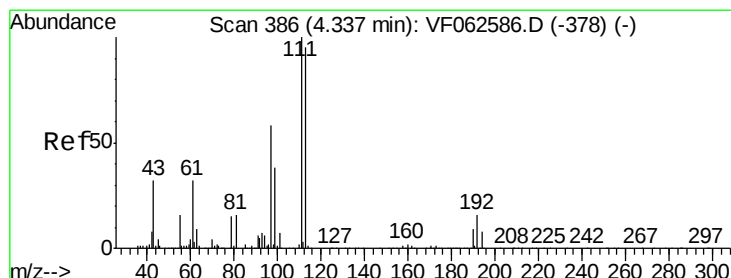
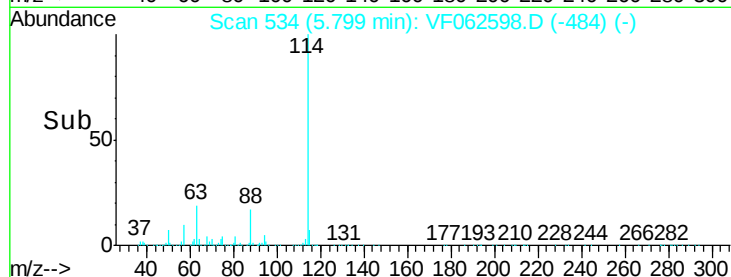
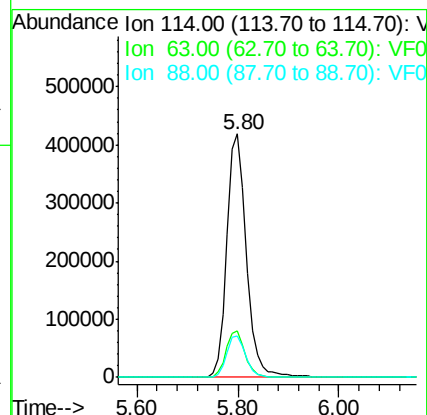
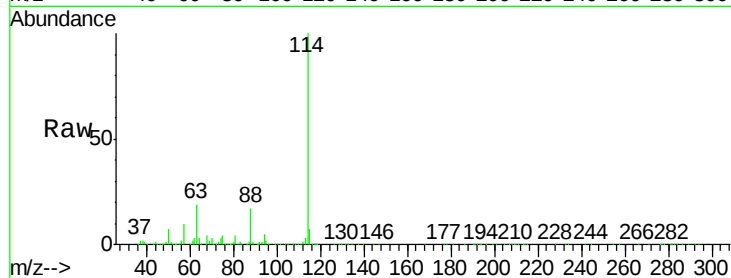




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. -0.01 min
Lab File: VF062598.D
Acq: 14 May 2019 23:57

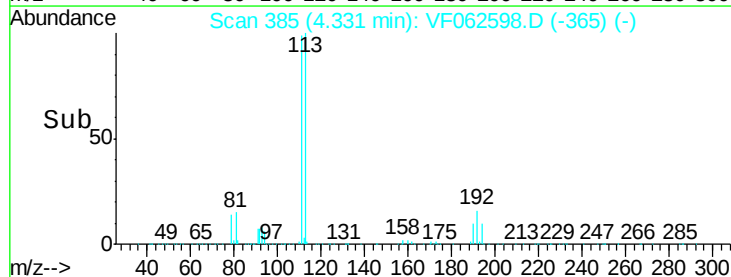
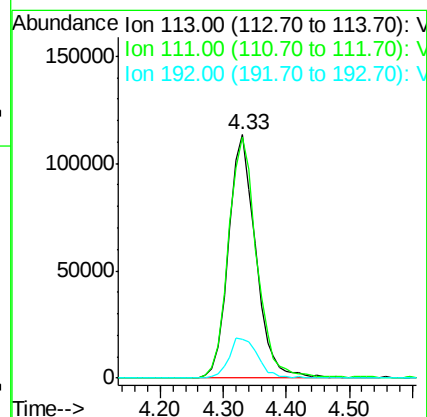
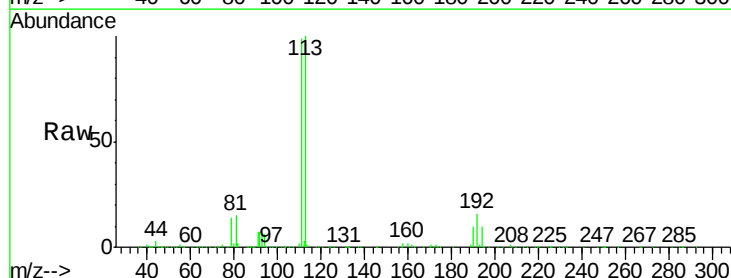
Instrument :
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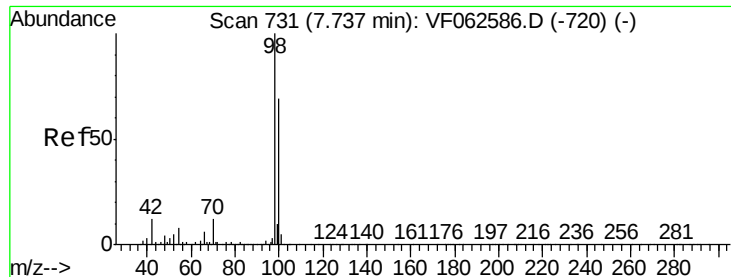
Tot Ion:114 Resp: 1121091
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.6
88 17.0 0.0 33.6



#35
Dibromofluoromethane
Concen: 40.704 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062598.D
Acq: 14 May 2019 23:57

Tgt Ion:113 Resp: 339635
Ion Ratio Lower Upper
113 100
111 98.5 83.9 125.9
192 16.0 13.7 20.5

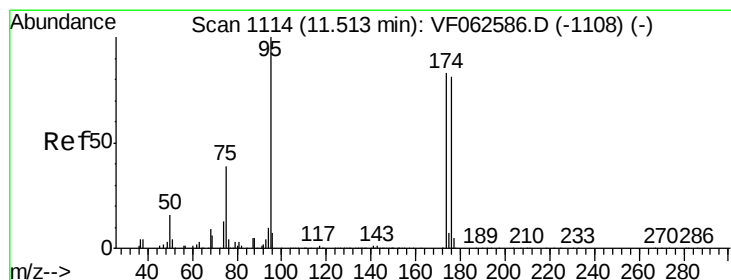
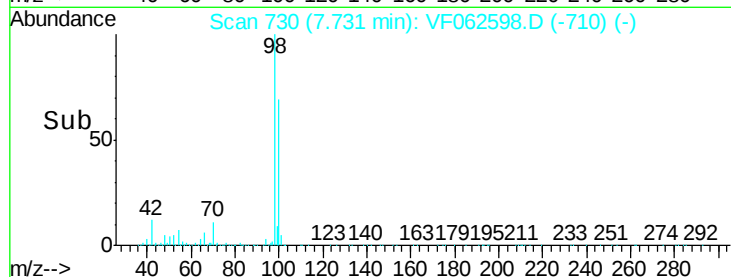
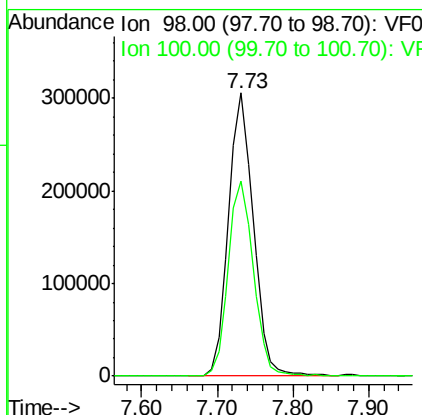
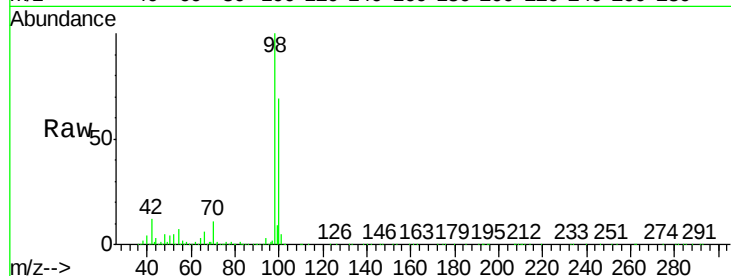




#50
Toluene-d8
Concen: 35.484 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062598.D
Acq: 14 May 2019 23:57

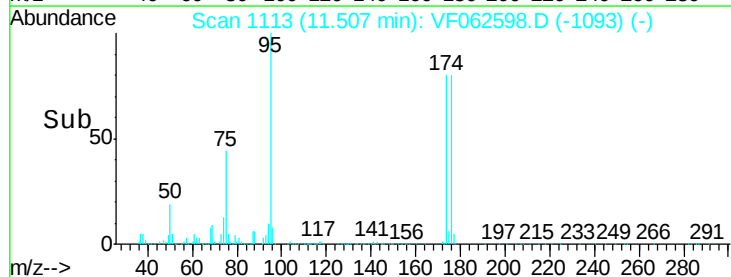
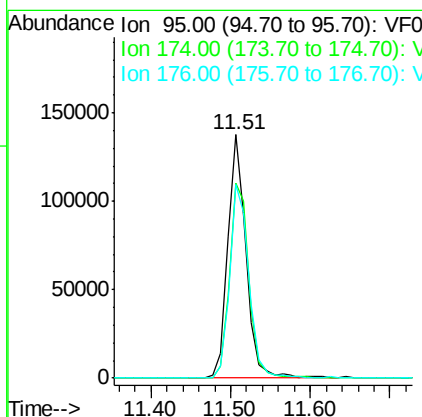
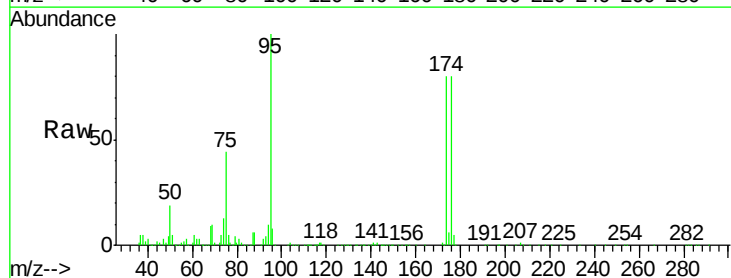
Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-009-ABCD

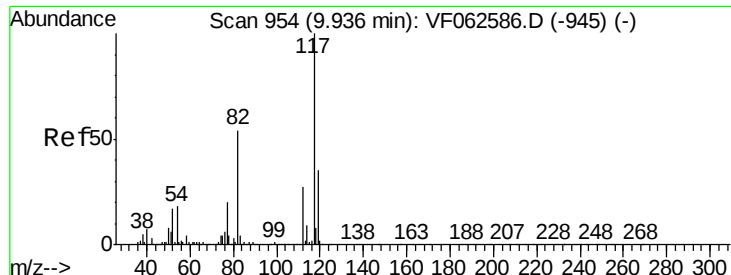
Tot Ion: 98 Resp: 697679
Ion Ratio Lower Upper
98 100
100 69.1 55.4 83.0



#62
4-Bromofluorobenzene
Concen: 32.531 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062598.D
Acq: 14 May 2019 23:57

Tgt Ion: 95 Resp: 223384
Ion Ratio Lower Upper
95 100
174 80.0 0.0 166.6
176 79.6 0.0 161.8

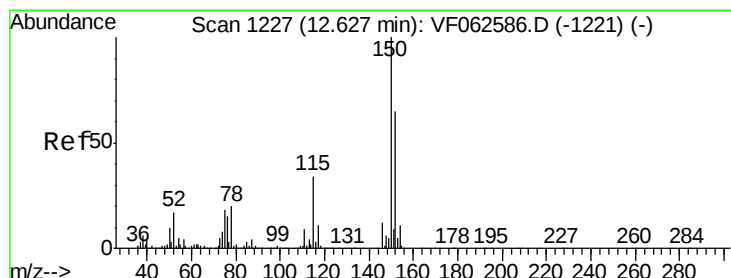
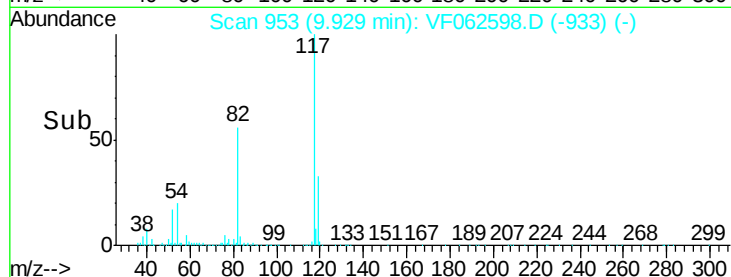
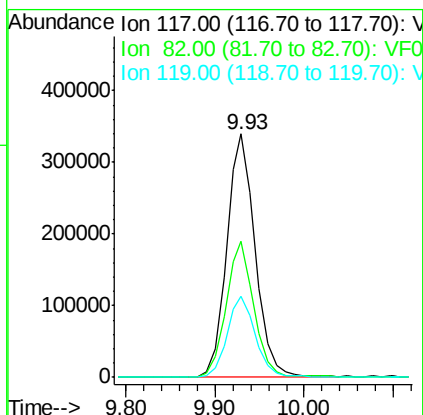
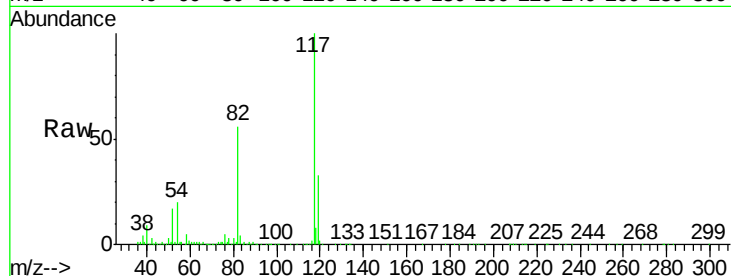




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062598.D
Acq: 14 May 2019 23:57

Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-009-ABCD

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.4	65.0
119	33.5	27.7	41.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062598.D
Acq: 14 May 2019 23:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	26.2	78.6
150	155.6	0.0	316.0

