

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062275.D
 Acq On : 23 Apr 2019 20:42
 Operator : FY/SY
 Sample : K2515-22
 Misc : 4.62g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-16-2

Quant Time: Apr 24 07:07:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	428067	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	596490	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	472880	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	237513	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	186584	47.54	ug/l	0.03
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	4.31	113	238397	45.69	ug/l	0.02
Spiked Amount	50.000		Recovery	=	91.38%	
50) Toluene-d8	7.71	98	501429	37.96	ug/l	0.02
Spiked Amount	50.000		Recovery	=	75.92%	
62) 4-Bromofluorobenzene	11.50	95	215345	42.38	ug/l	0.02
Spiked Amount	50.000		Recovery	=	84.76%	

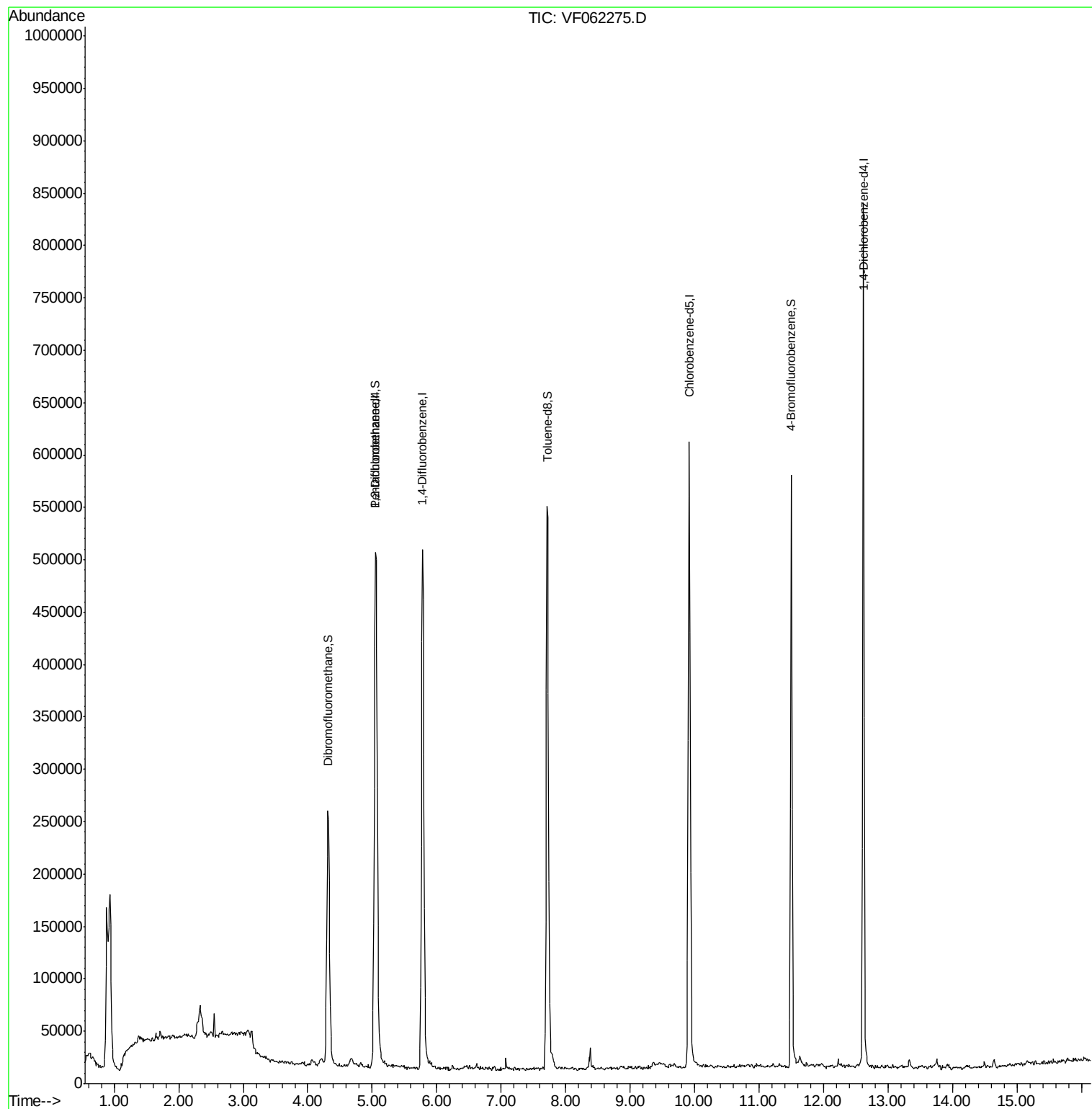
Target Compounds	Qvalue

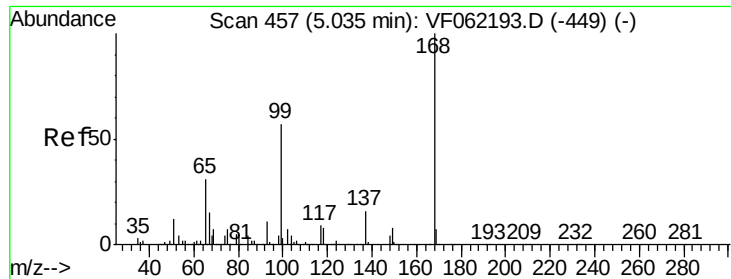
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062275.D

Acq: 23 Apr 2019 20:42

Instrument :

MSVOA_F

ClientSampleId :

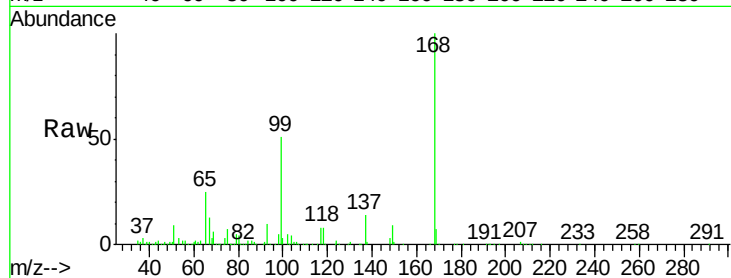
TP-16-2

Tot Ion:168 Resp: 428067

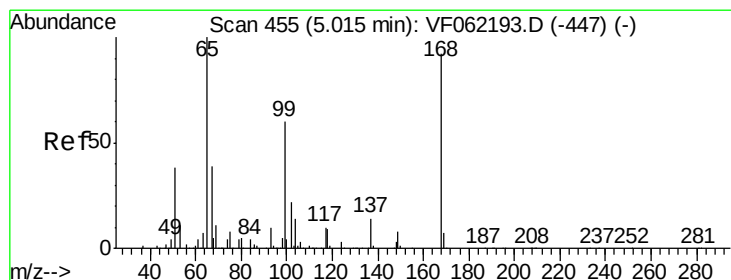
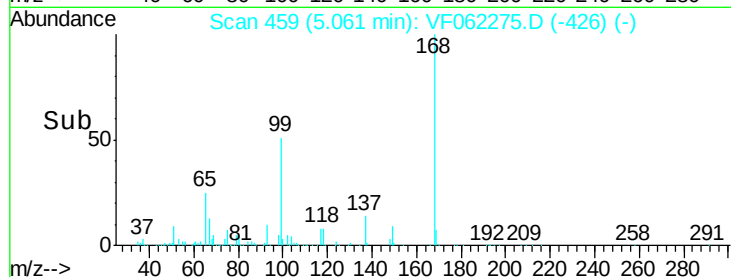
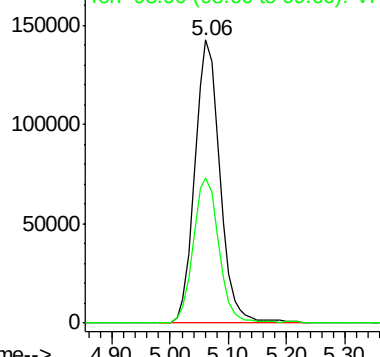
Ion Ratio Lower Upper

168 100

99 51.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 47.536 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.03 min

Lab File: VF062275.D

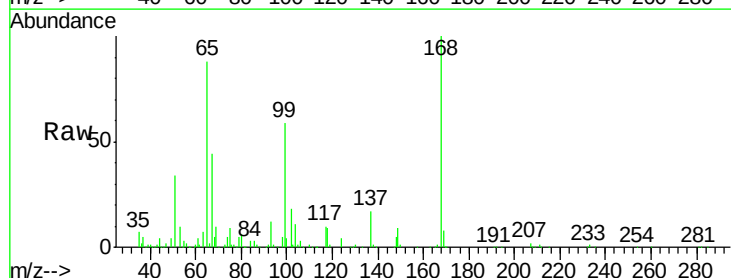
Acq: 23 Apr 2019 20:42

Tgt Ion: 65 Resp: 186584

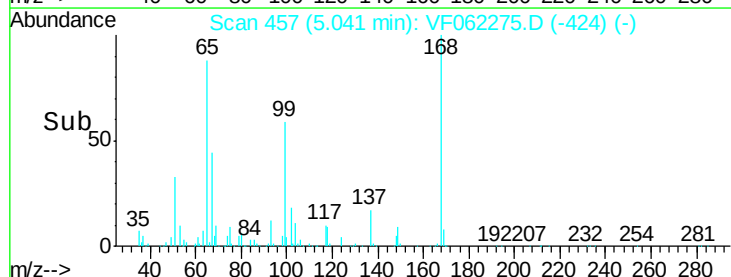
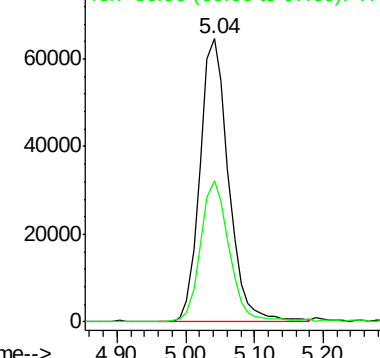
Ion Ratio Lower Upper

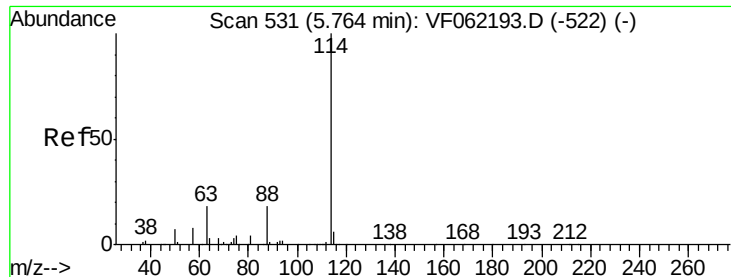
65 100

67 49.9 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

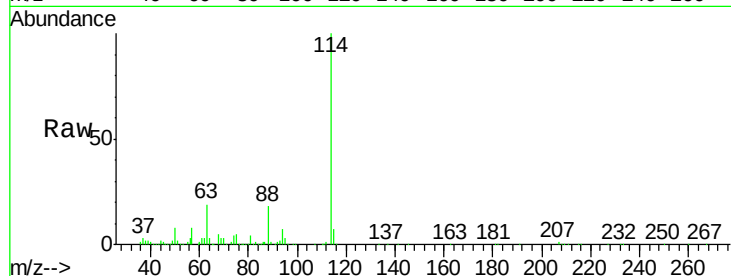




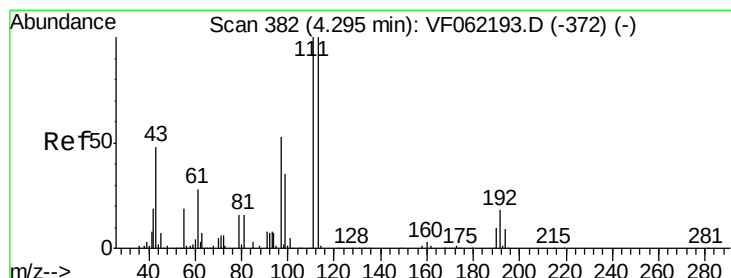
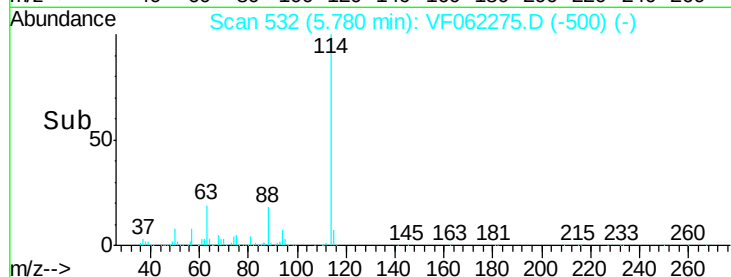
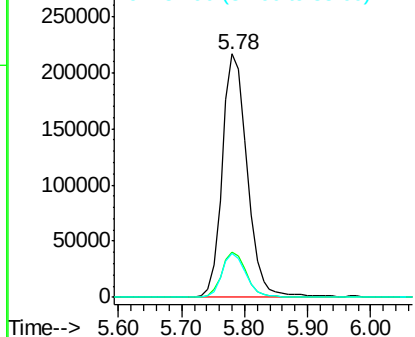
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. 0.02 min
 Lab File: VF062275.D
 Acq: 23 Apr 2019 20:42

Instrument :
 MSVOA_F
 ClientSampleID :
 TP-16-2

Tot Ion:	114	Resp:	596490
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	36.6
88	18.1	0.0	35.8

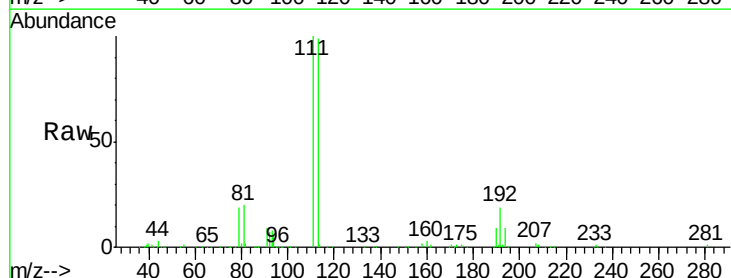


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 87.90 (87.60 to 88.60): VF0

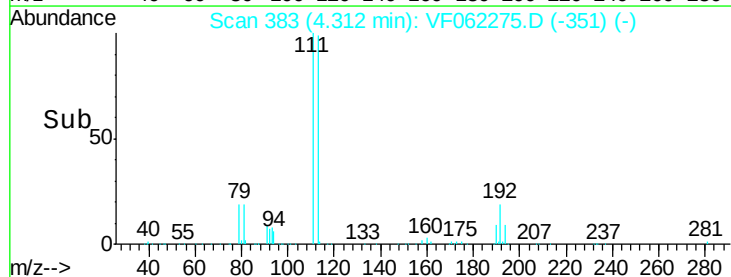
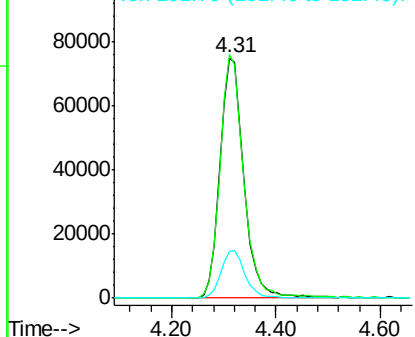


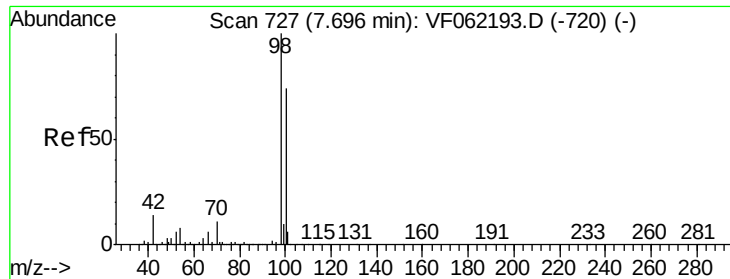
#35
 Dibromofluoromethane
 Concen: 45.690 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. 0.02 min
 Lab File: VF062275.D
 Acq: 23 Apr 2019 20:42

Tgt Ion:	113	Resp:	238397
Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.1	121.7
192	19.8	14.7	22.1



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

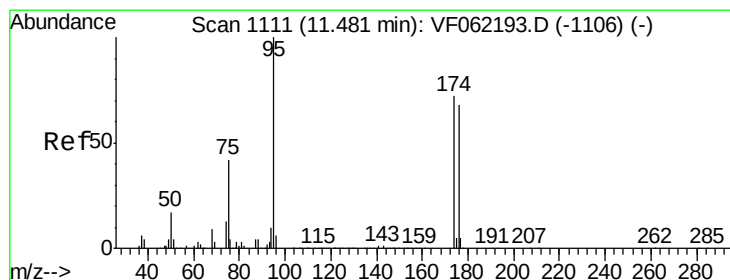
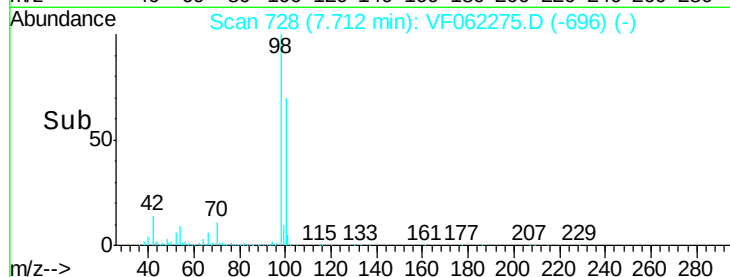
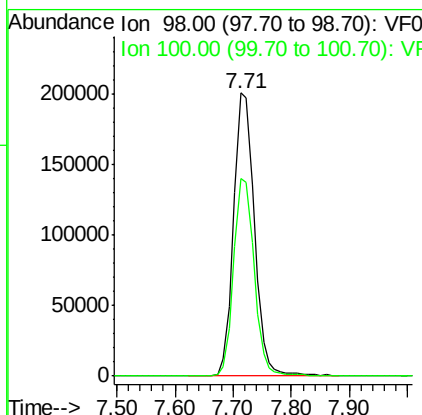
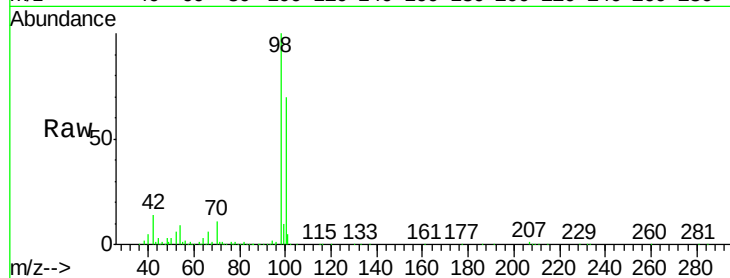




#50
Toluene-d8
Concen: 37.964 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.02 min
Lab File: VF062275.D
Acq: 23 Apr 2019 20:42

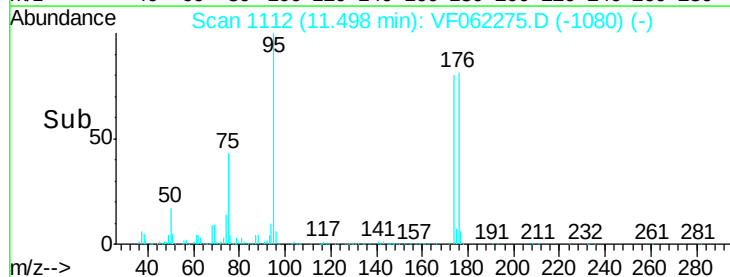
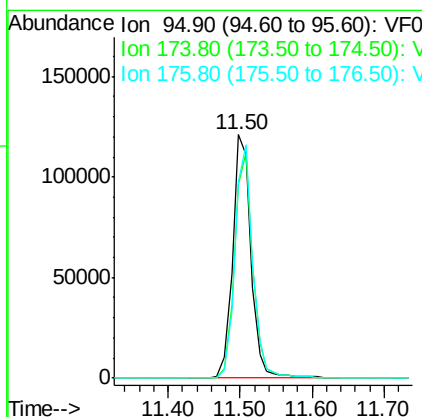
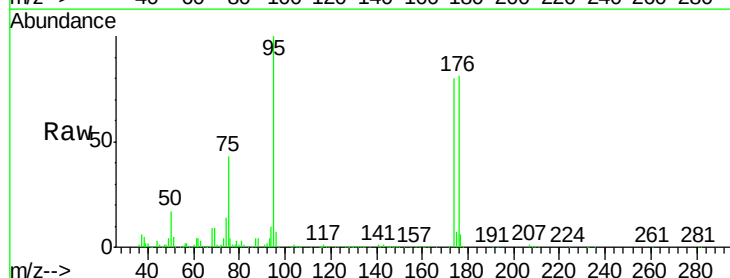
Instrument :
MSVOA_F
ClientSampleId :
TP-16-2

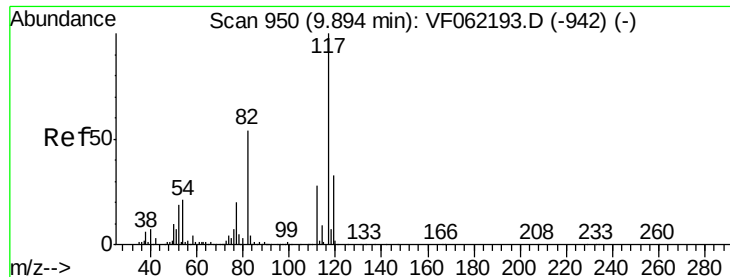
Tot Ion: 98 Resp: 501429
Ion Ratio Lower Upper
98 100
100 69.2 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 42.382 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VF062275.D
Acq: 23 Apr 2019 20:42

Tgt Ion: 95 Resp: 215345
Ion Ratio Lower Upper
95 100
174 92.7 0.0 159.4
176 93.4 0.0 155.4

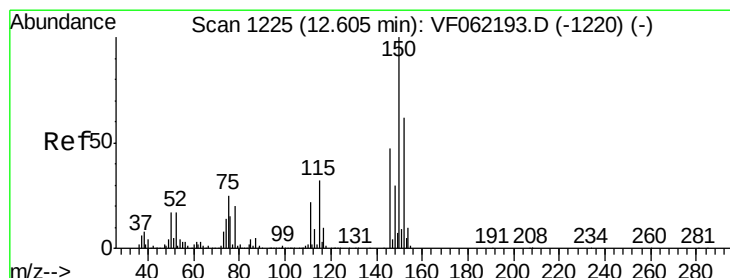
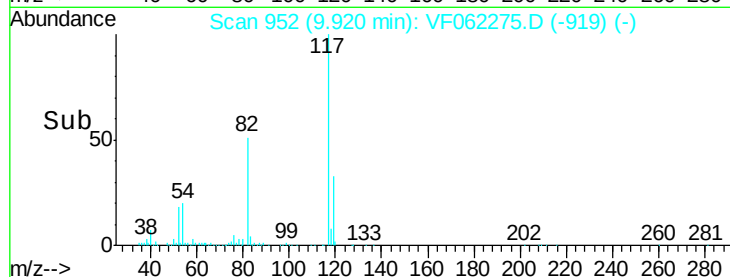
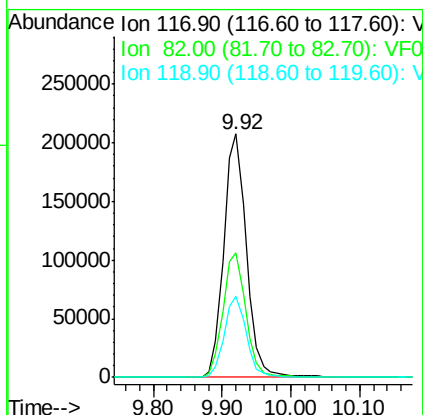
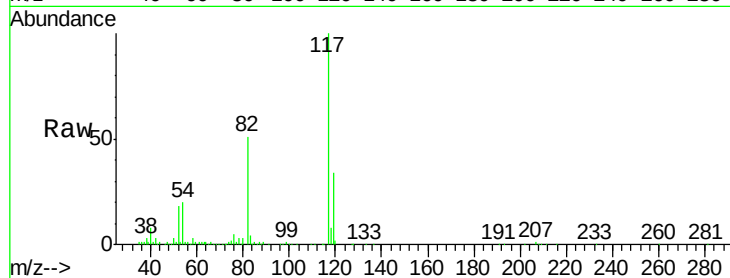




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.03 min
Lab File: VF062275.D
Acq: 23 Apr 2019 20:42

Instrument :
MSVOA_F
ClientSampled :
TP-16-2

Tot Ion:117 Resp: 472880
Ion Ratio Lower Upper
117 100
82 50.9 43.2 64.8
119 33.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.02 min
Lab File: VF062275.D
Acq: 23 Apr 2019 20:42

Tgt Ion:152 Resp: 237513
Ion Ratio Lower Upper
152 100
115 54.1 27.8 83.3
150 155.2 0.0 341.8

