

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062638.D
 Acq On : 17 May 2019 15:06
 Operator : FY/SY
 Sample : K2822-04RE
 Misc : 5.01g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-4RE

Quant Time: May 17 16:18:25 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

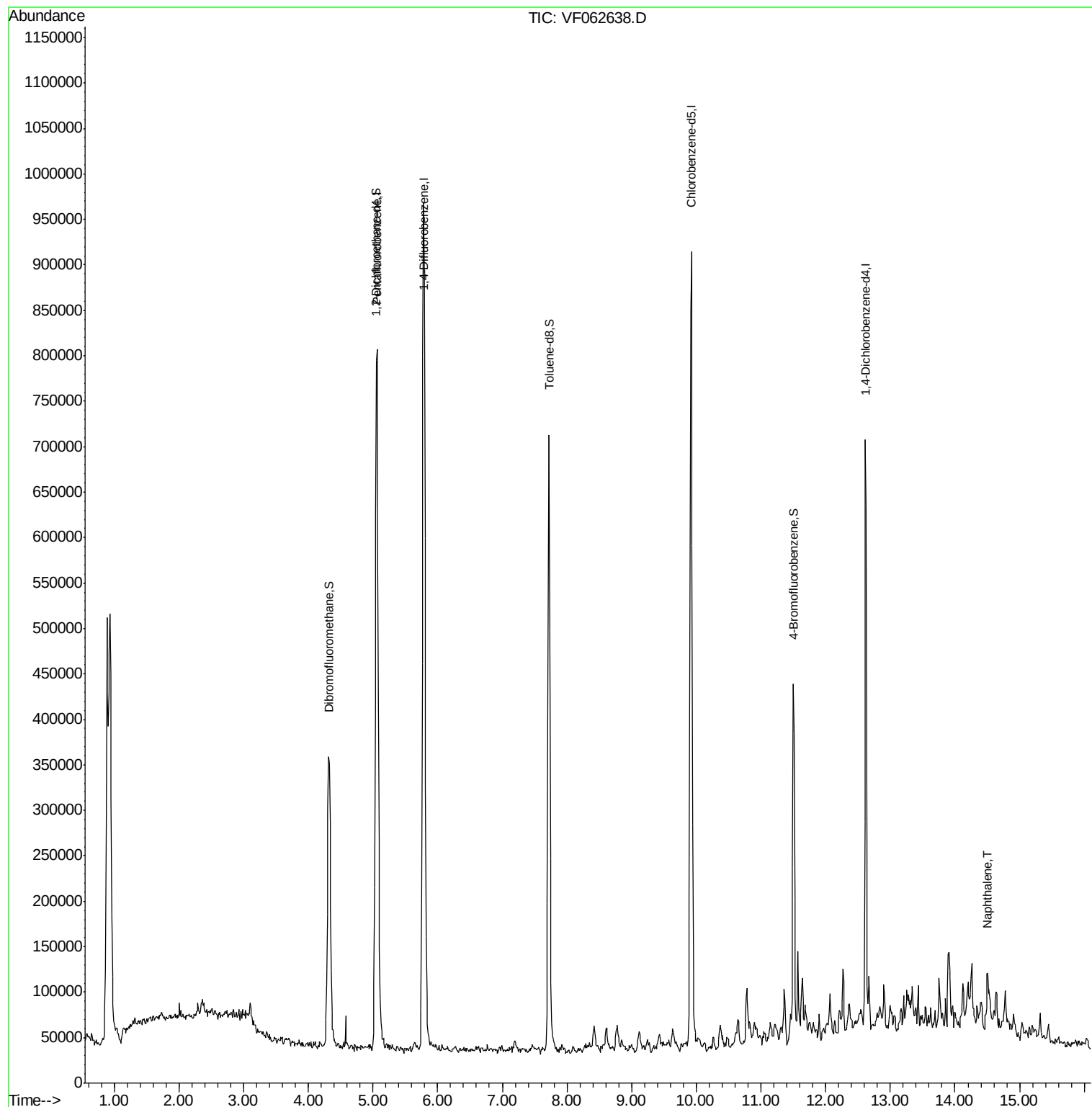
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	733073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1232882	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	681028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	182788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	182165	35.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.34%	
35) Dibromofluoromethane	4.31	113	325603	34.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.02%	
50) Toluene-d8	7.72	98	628293	27.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.78%	
62) 4-Bromofluorobenzene	11.50	95	148689	17.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	34.80%	
Target Compounds						
95) Naphthalene	14.50	128	30507	4.467	ug/l #	Qvalue 89

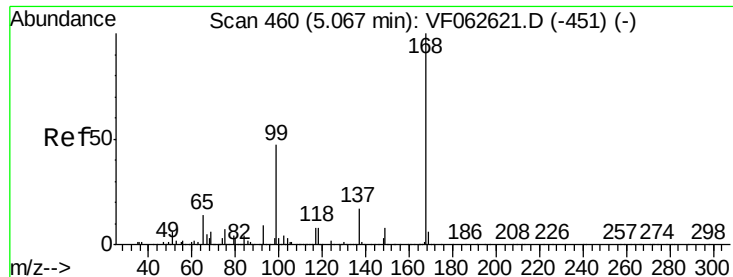
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.00 min

Lab File: VF062638.D

Acq: 17 May 2019 15:06

Instrument :

MSVOA_F

ClientSampled :

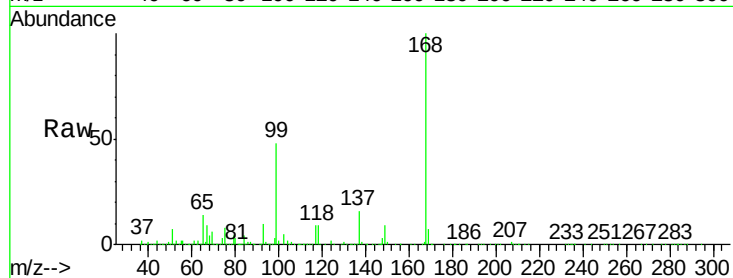
S-4RE

Tot Ion:168 Resp: 733073

Ion Ratio Lower Upper

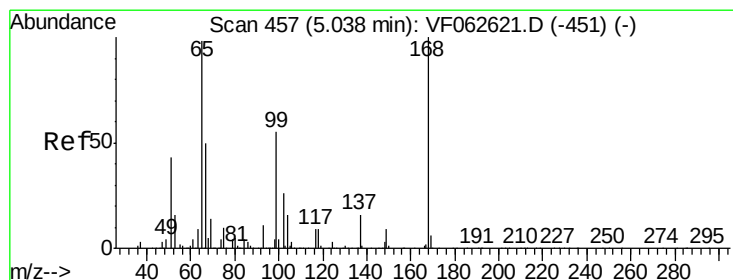
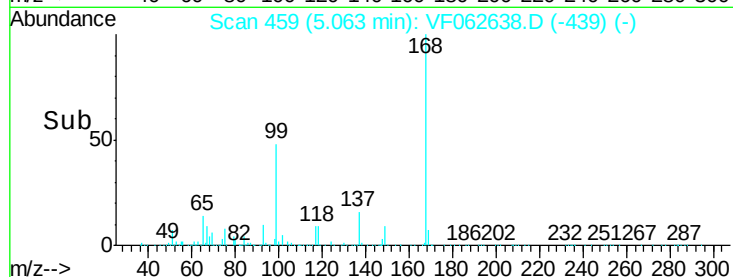
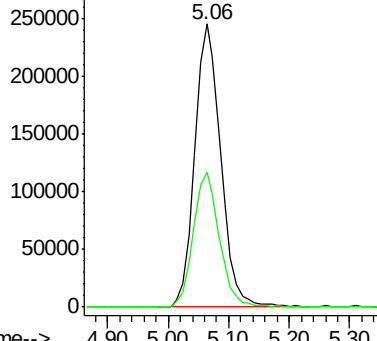
168 100

99 47.9 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 35.165 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF062638.D

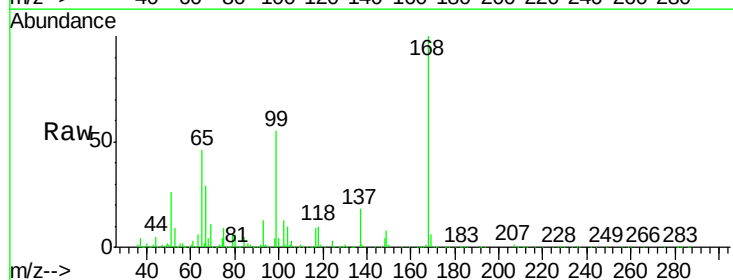
Acq: 17 May 2019 15:06

Tgt Ion: 65 Resp: 182165

Ion Ratio Lower Upper

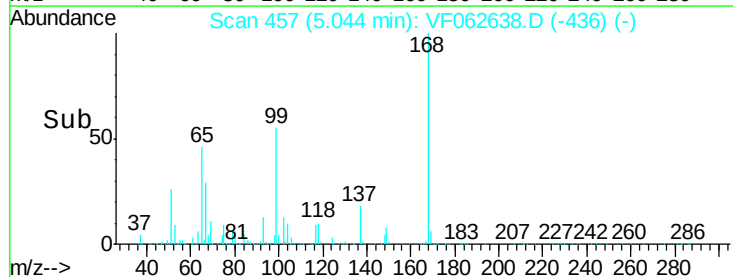
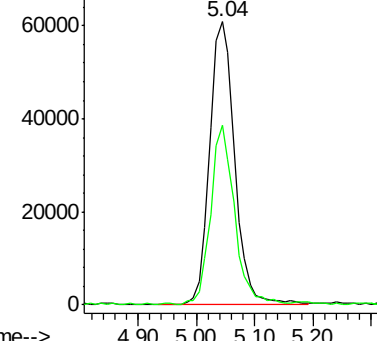
65 100

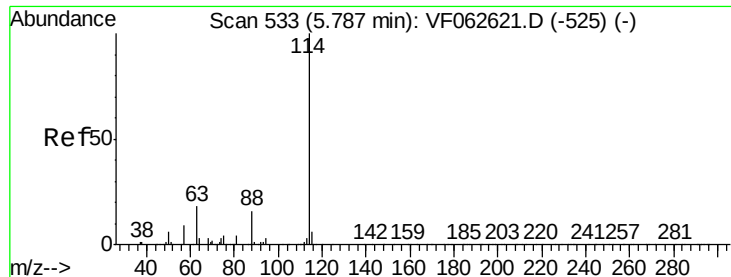
67 63.4 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

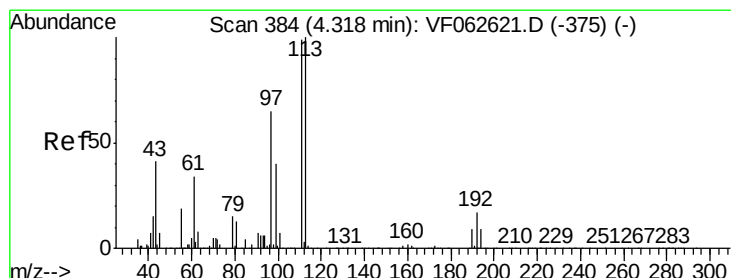
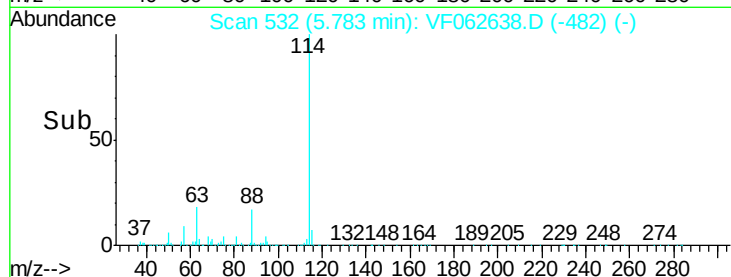
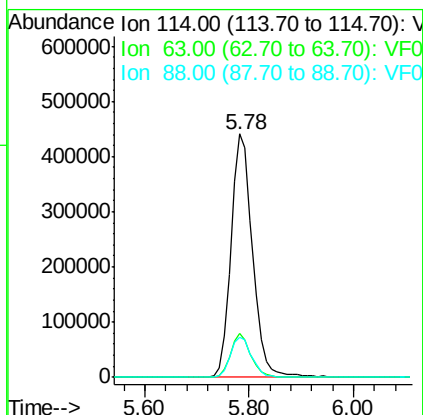
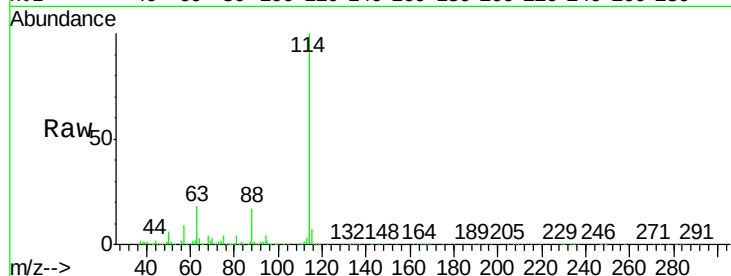




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. -0.00 min
Lab File: VF062638.D
Acq: 17 May 2019 15:06

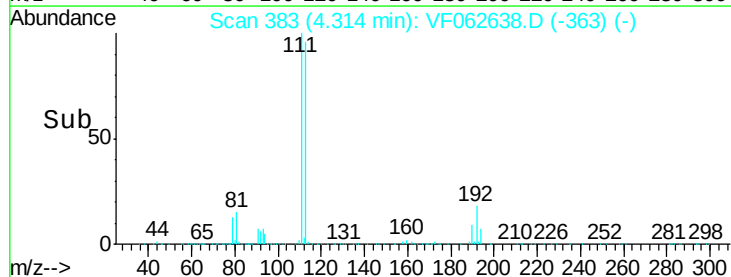
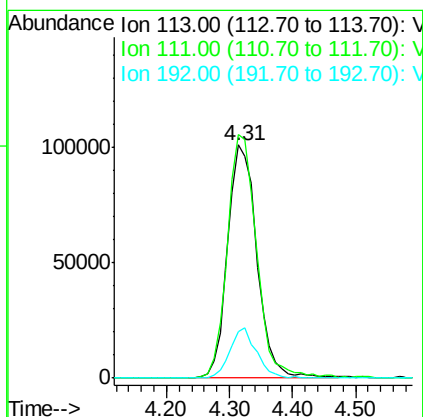
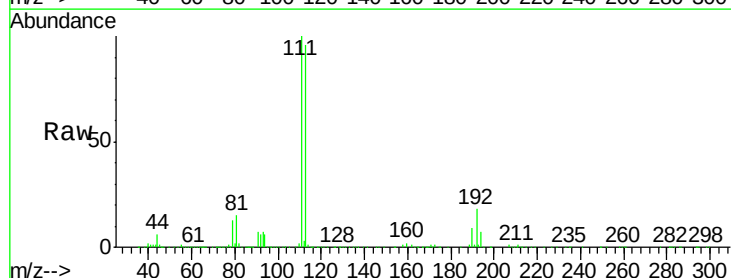
Instrument :
MSVOA_F
ClientSampleId :
S-4RE

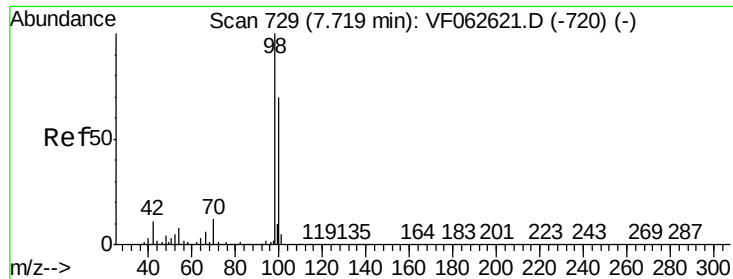
Tot Ion:114 Resp: 1232882
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.4
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 34.514 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.00 min
Lab File: VF062638.D
Acq: 17 May 2019 15:06

Tgt Ion:113 Resp: 325603
Ion Ratio Lower Upper
113 100
111 104.4 79.4 119.2
192 19.7 13.4 20.2

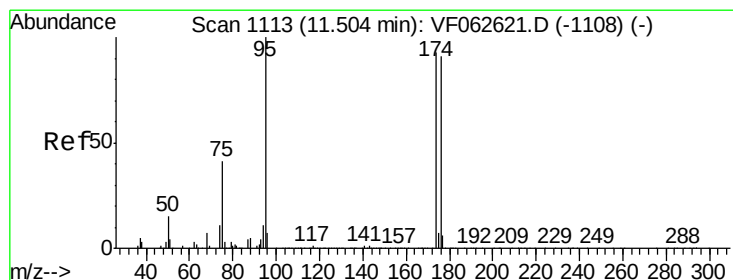
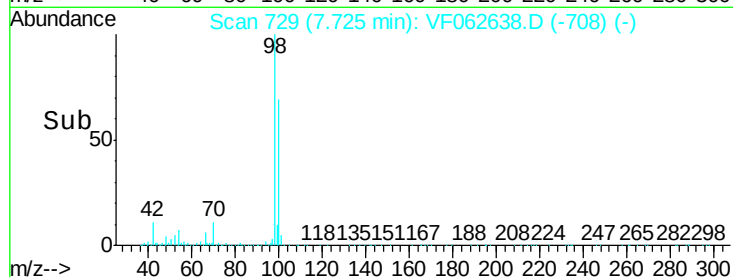
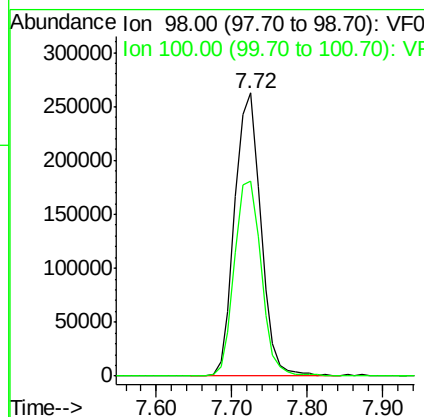
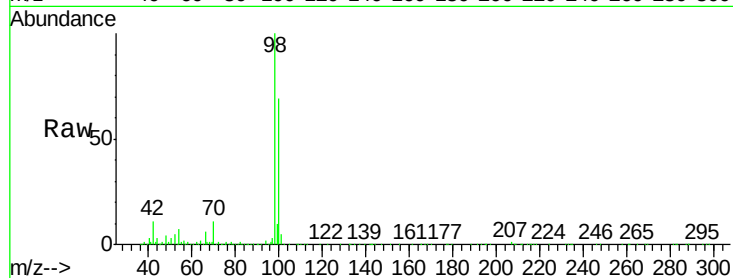




#50
Toluene-d8
Concen: 27.893 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062638.D
Acq: 17 May 2019 15:06

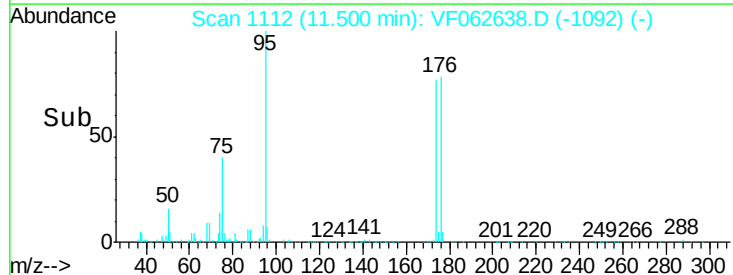
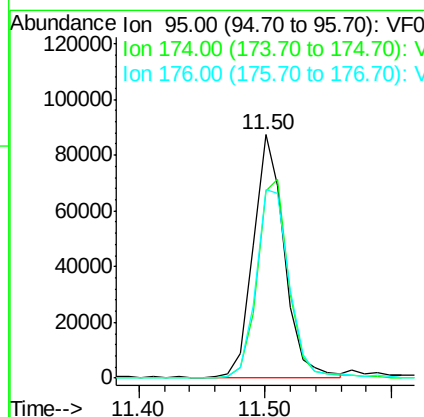
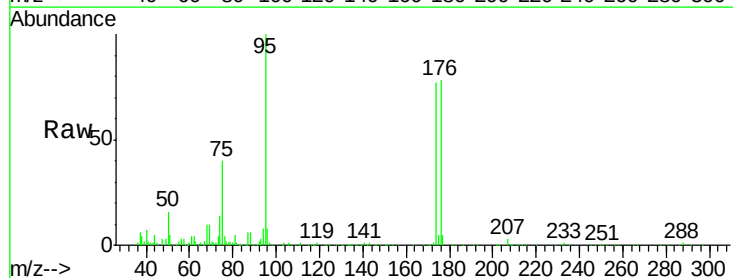
Instrument :
MSVOA_F
ClientSampleId :
S-4RE

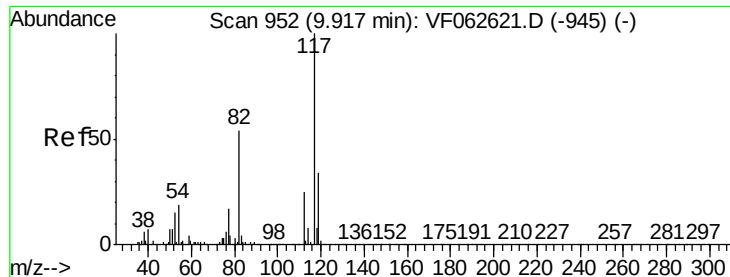
Tot Ion: 98 Resp: 628293
Ion Ratio Lower Upper
98 100
100 68.8 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 17.405 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VF062638.D
Acq: 17 May 2019 15:06

Tgt Ion: 95 Resp: 148689
Ion Ratio Lower Upper
95 100
174 76.9 0.0 185.6
176 77.7 0.0 182.4

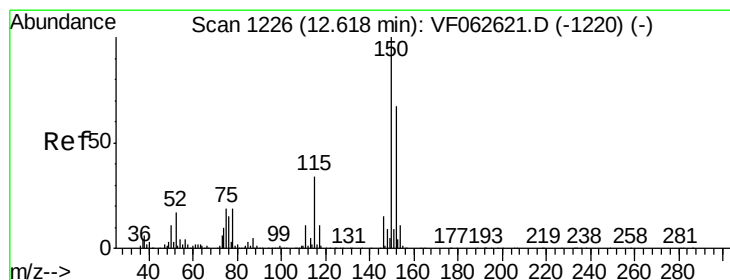
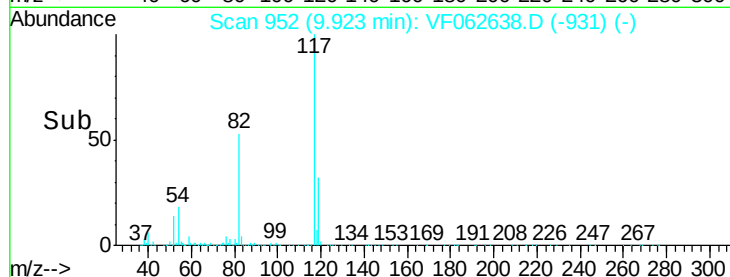
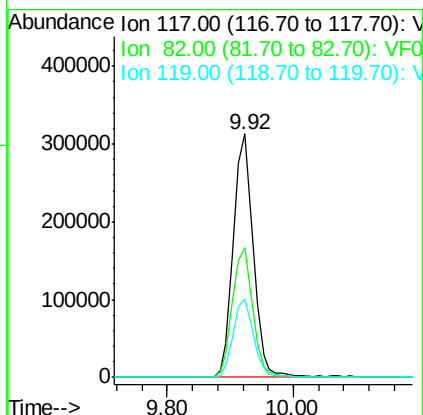
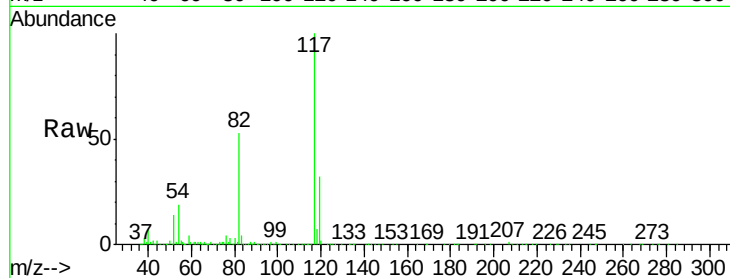




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062638.D
Acq: 17 May 2019 15:06

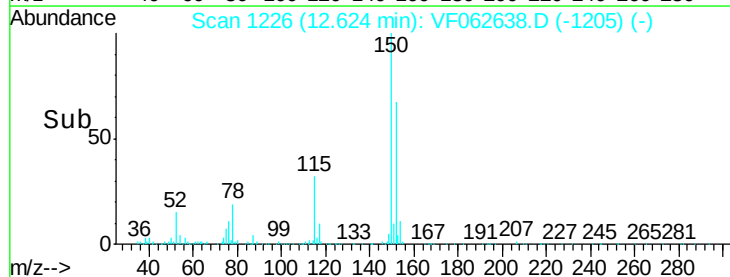
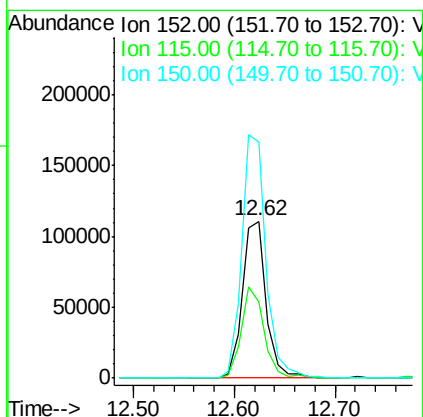
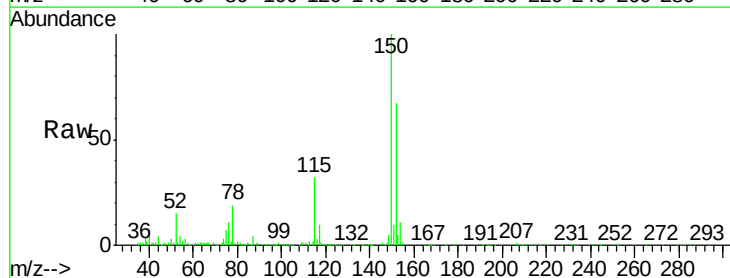
Instrument :
MSVOA_F
ClientSampleId :
S-4RE

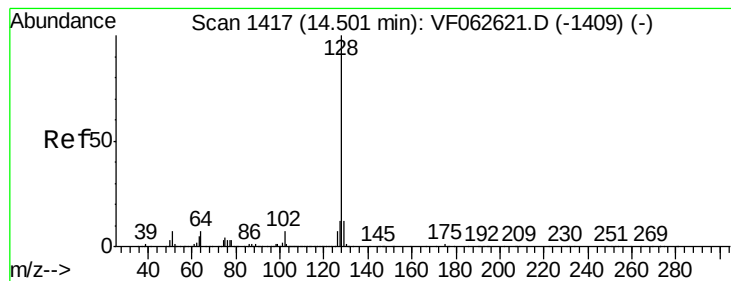
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.3	64.9
119	32.2	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062638.D
Acq: 17 May 2019 15:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	48.3	25.2	75.6
150	150.0	0.0	306.2





#95

Naphthalene

Concen: 4.467 ug/l

RT: 14.50 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VF062638.D

Acq: 17 May 2019 15:06

Instrument :

MSVOA_F

ClientSampleId :

S-4RE

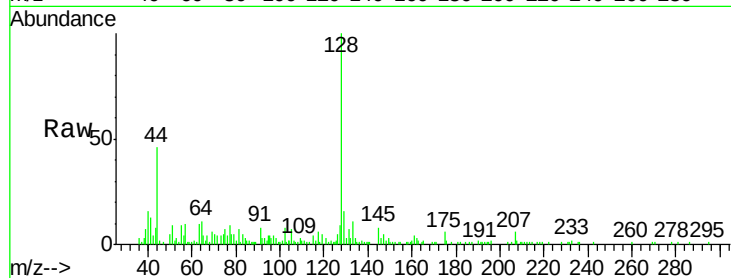
Tot Ion:128 Resp: 30507

Ion Ratio Lower Upper

128 100

127 8.6 9.7 14.5#

129 16.3 9.3 13.9#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

