

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF051319\
 Data File : VF062565.D
 Acq On : 14 May 2019 3:35
 Operator : FY/SY
 Sample : K2756-13
 Misc : 6.15g/5mL/MSVOA F/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS007-0612-01

Quant Time: May 16 09:29:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

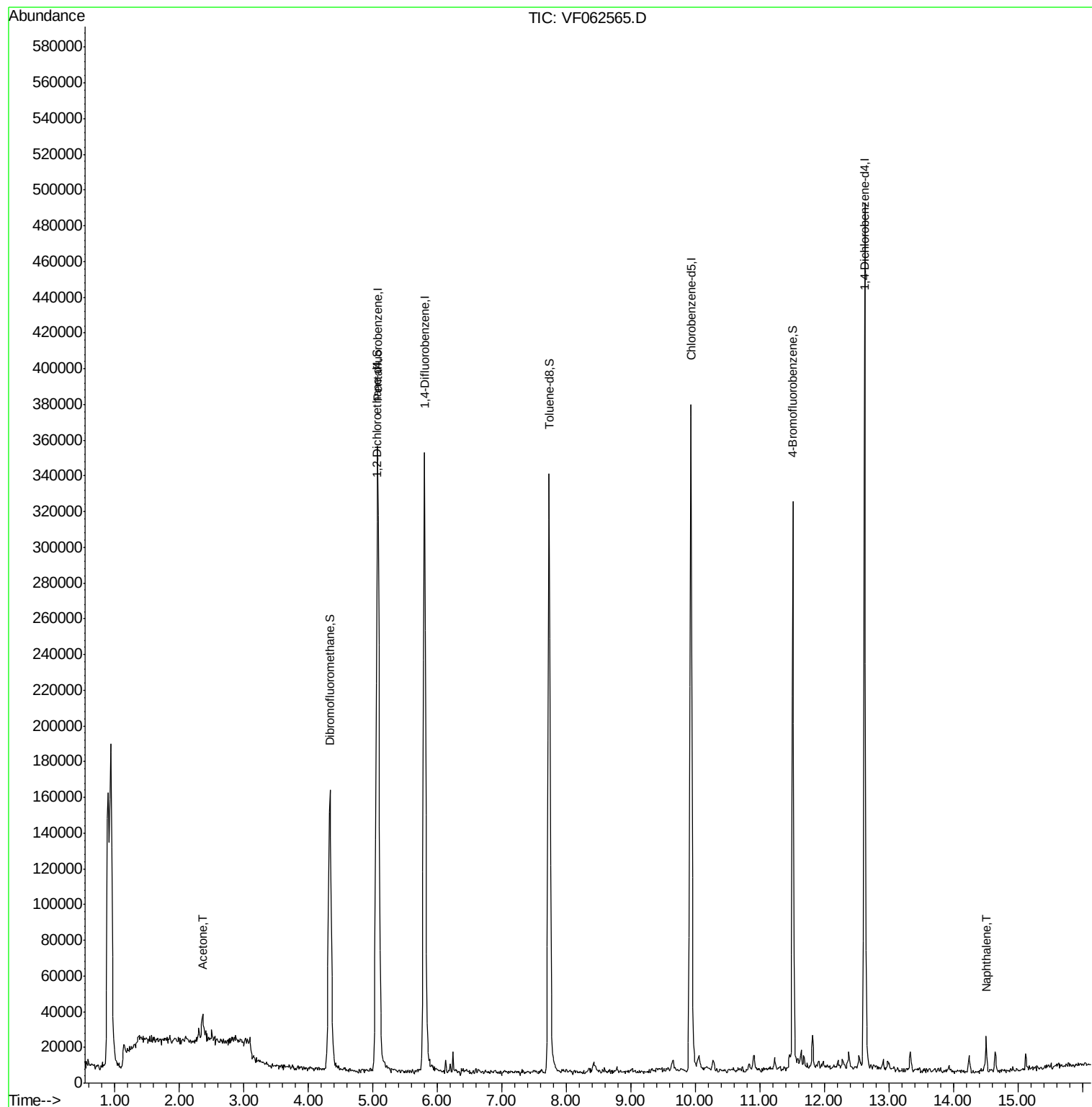
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	302658	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	403344	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	283628	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	125980	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	120249	42.04	ug/l	0.03
Spiked Amount 50.000			Recovery	=	84.08%	
35) Dibromofluoromethane	4.33	113	146907	45.72	ug/l	0.03
Spiked Amount 50.000			Recovery	=	91.44%	
50) Toluene-d8	7.74	98	294557	37.87	ug/l	0.03
Spiked Amount 50.000			Recovery	=	75.74%	
62) 4-Bromofluorobenzene	11.51	95	102578	29.23	ug/l	0.02
Spiked Amount 50.000			Recovery	=	58.46%	
Target Compounds						
16) Acetone	2.36	43	23896	41.299	ug/l	98
95) Naphthalene	14.51	128	12354	2.644	ug/l	98

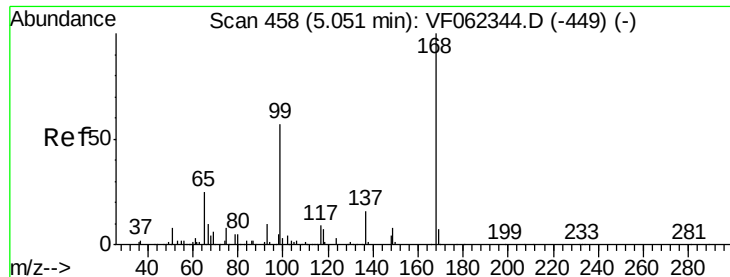
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 462

Delta R.T. 0.03 min

Lab File: VF062565.D

Acq: 14 May 2019 3:35

Instrument :

MSVOA_F

ClientSampleId :

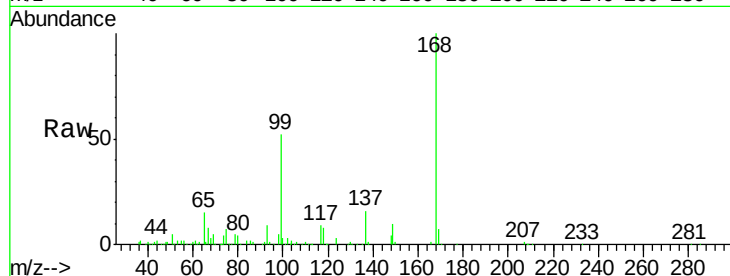
P021-SS007-0612-01

Tot Ion:168 Resp: 302658

Ion Ratio Lower Upper

168 100

99 52.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.08

100000

80000

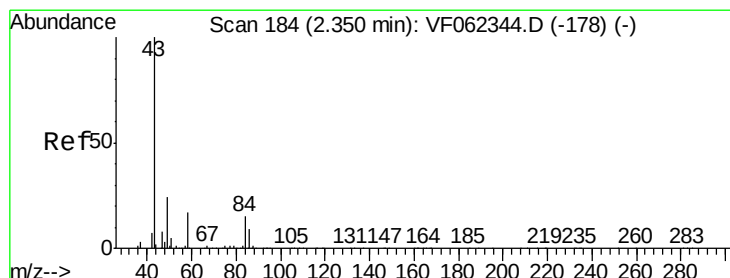
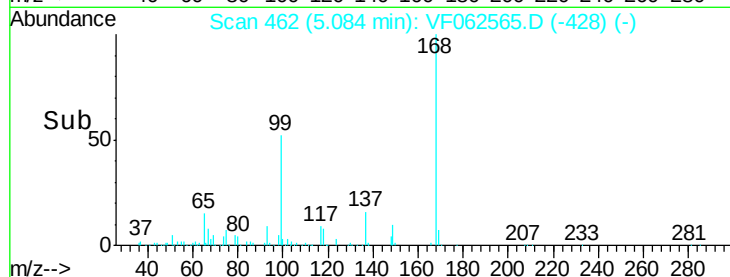
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 41.299 ug/l

RT: 2.36 min Scan# 186

Delta R.T. 0.01 min

Lab File: VF062565.D

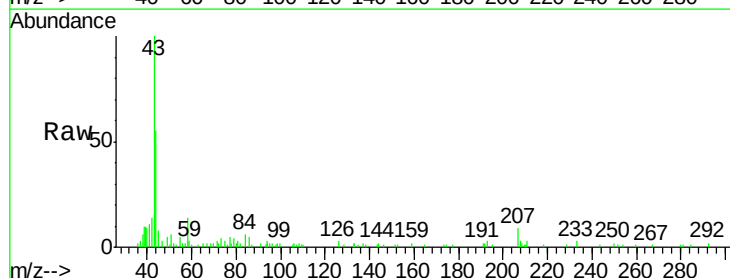
Acq: 14 May 2019 3:35

Tgt Ion: 43 Resp: 23896

Ion Ratio Lower Upper

43 100

58 15.6 13.1 19.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

10000

8000

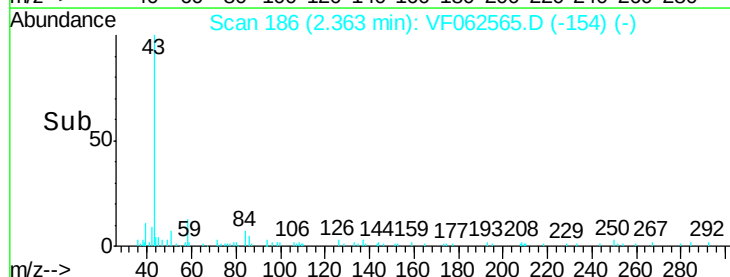
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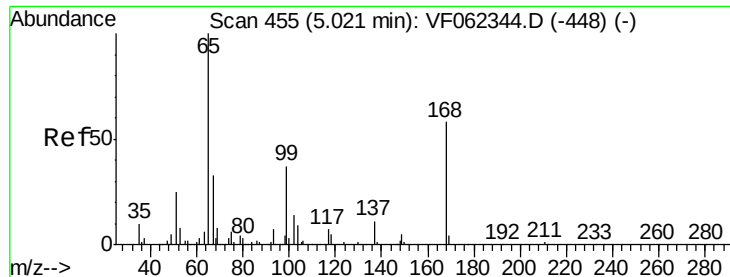
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2000

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Time-->

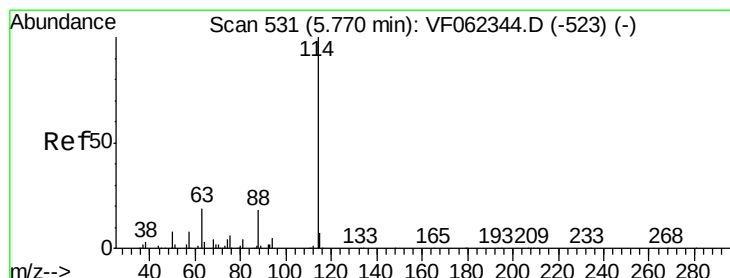
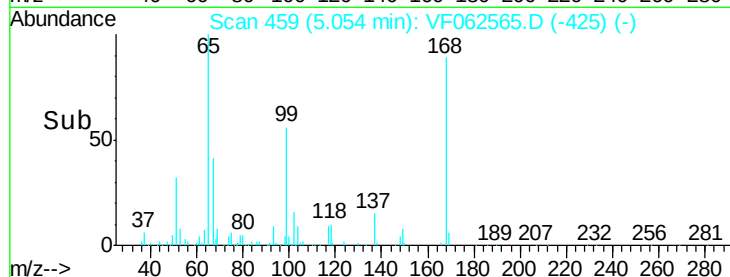
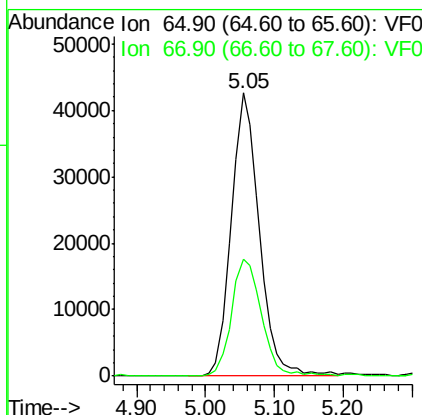
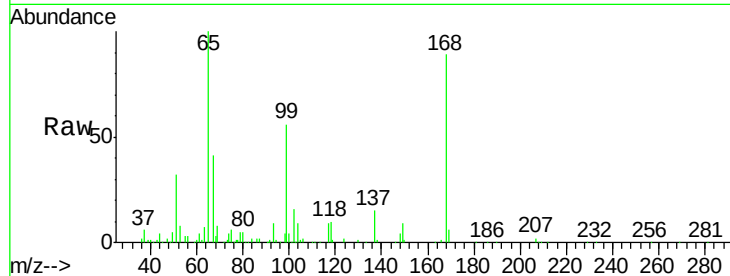




#33
 1,2-Dichloroethane-d4
 Concen: 42.041 ug/l
 RT: 5.05 min Scan# 459
 Delta R.T. 0.03 min
 Lab File: VF062565.D
 Acq: 14 May 2019 3:35

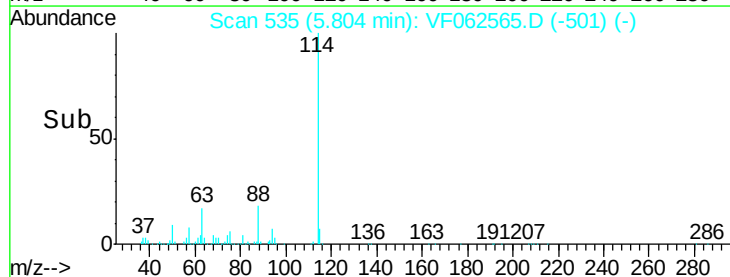
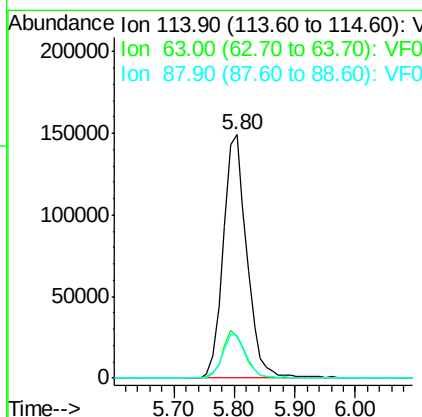
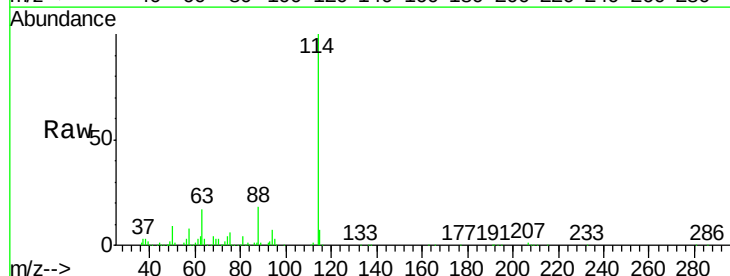
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS007-0612-01

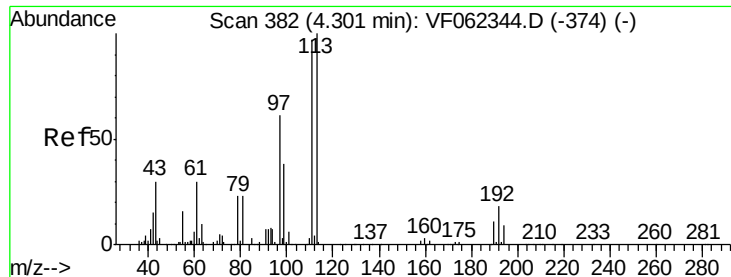
Tot Ion: 65 Resp: 120249
 Ion Ratio Lower Upper
 65 100
 67 44.0 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 535
 Delta R.T. 0.03 min
 Lab File: VF062565.D
 Acq: 14 May 2019 3:35

Tgt Ion: 114 Resp: 403344
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 37.4
 88 17.6 0.0 36.4

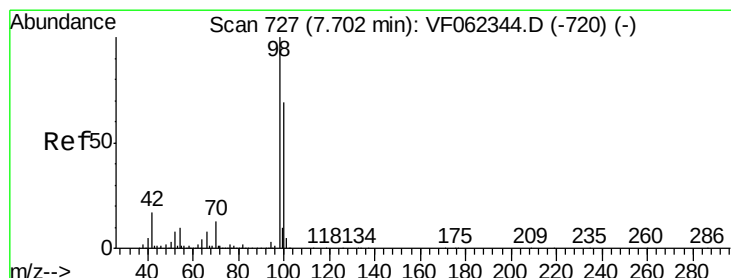
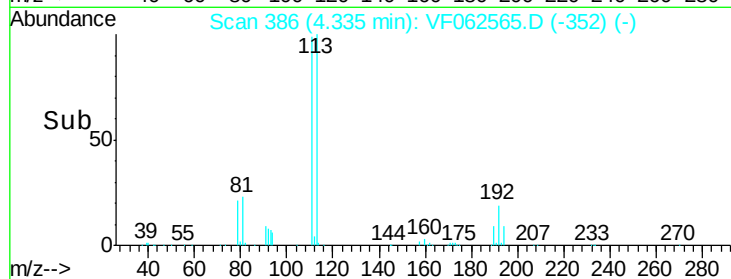
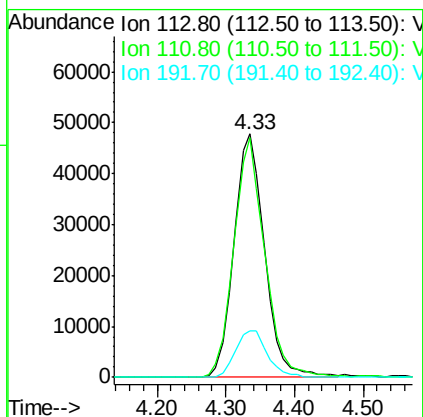
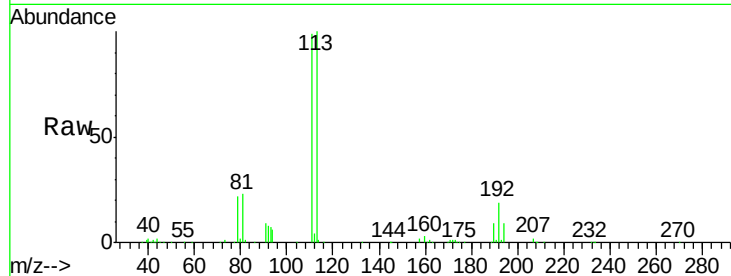




#35
Dibromofluoromethane
Concen: 45.717 ug/l
RT: 4.33 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062565.D
Acq: 14 May 2019 3:35

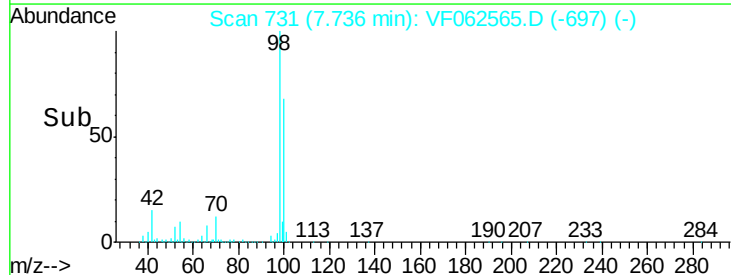
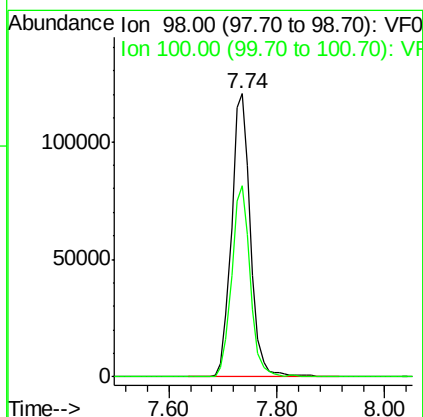
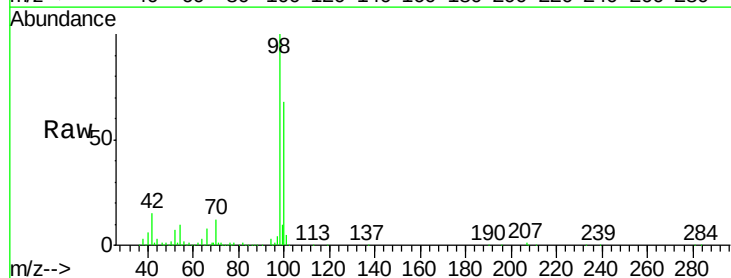
Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-0612-01

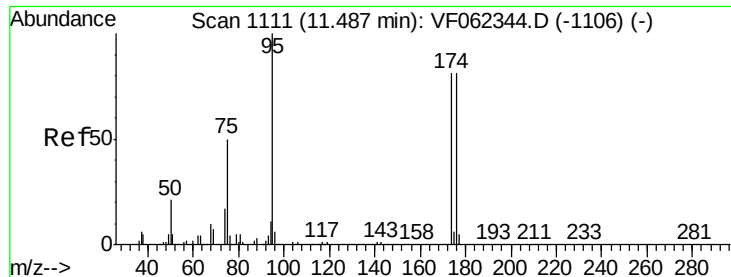
Tot Ion:113 Resp: 146907
Ion Ratio Lower Upper
113 100
111 99.7 79.4 119.0
192 20.0 16.0 24.0



#50
Toluene-d8
Concen: 37.868 ug/l
RT: 7.74 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062565.D
Acq: 14 May 2019 3:35

Tgt Ion: 98 Resp: 294557
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9

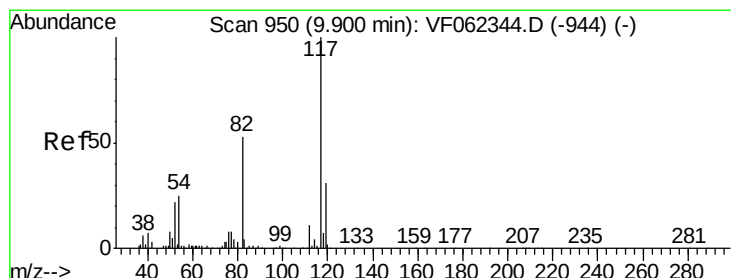
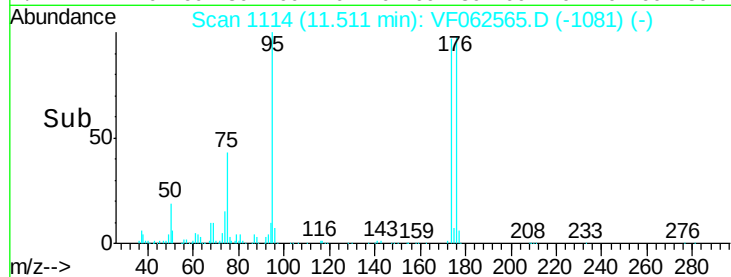
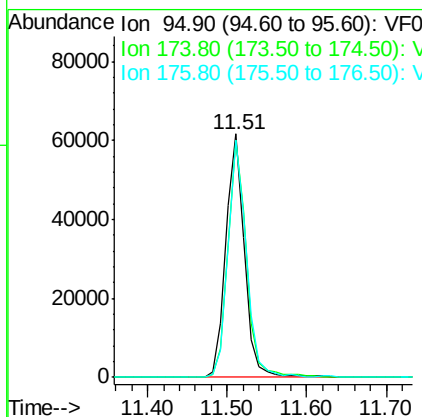
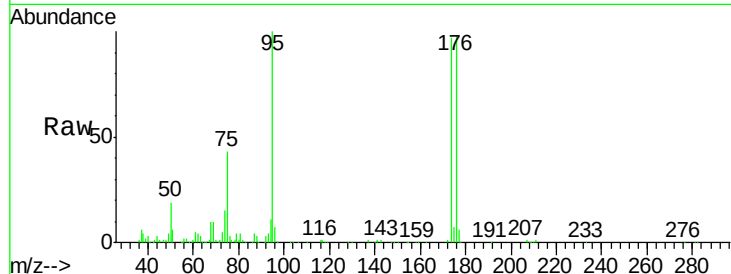




#62
4-Bromofluorobenzene
Concen: 29.230 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062565.D
Acq: 14 May 2019 3:35

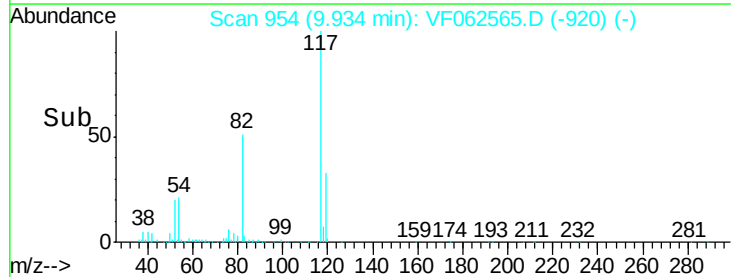
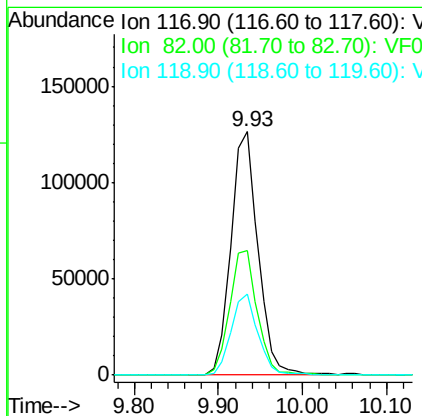
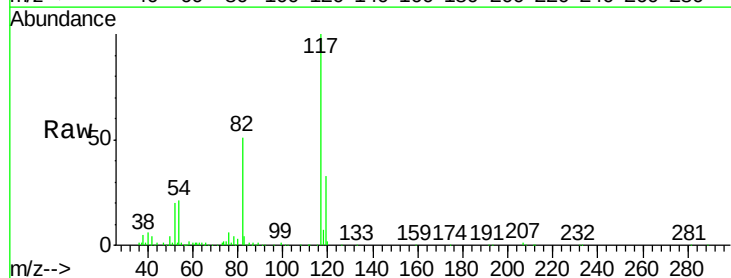
Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-0612-01

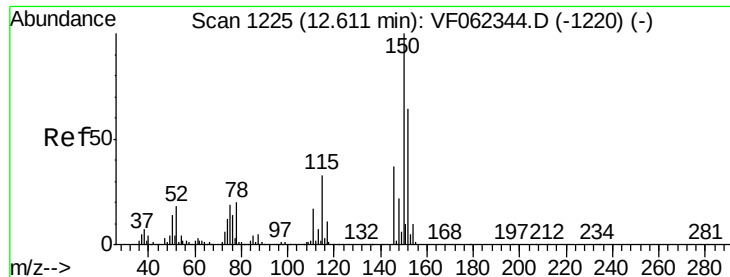
Tot Ion	95	Resp	102578
Ion Ratio	Lower	Upper	
95	100		
174	96.4	0.0	191.8
176	96.4	0.0	193.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.03 min
Lab File: VF062565.D
Acq: 14 May 2019 3:35

Tgt Ion	117	Resp	283628
Ion Ratio	Lower	Upper	
117	100		
82	51.1	42.2	63.2
119	33.4	25.0	37.4



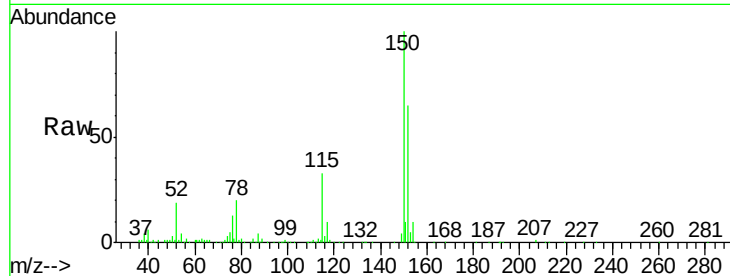


#72

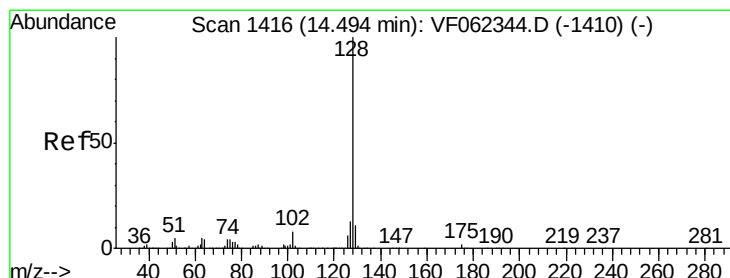
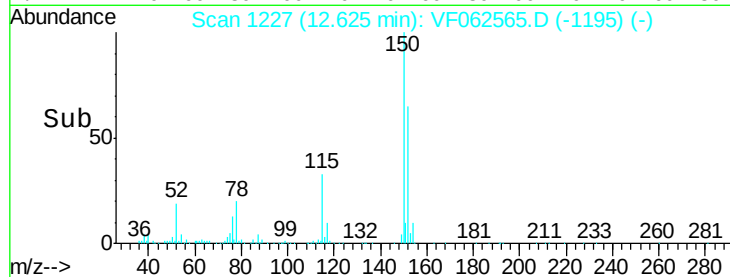
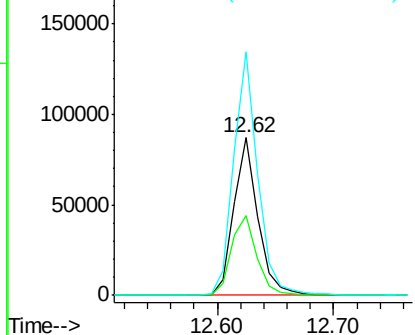
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062565.D
Acq: 14 May 2019 3:35

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-0612-01

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.4	79.2
150	153.5	0.0	335.0



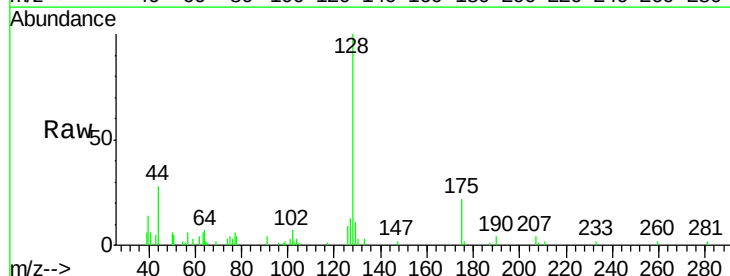
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.644 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. 0.01 min
Lab File: VF062565.D
Acq: 14 May 2019 3:35

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.5	15.7
129	10.5	8.6	12.8



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

