

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062670.D
 Acq On : 20 May 2019 19:41
 Operator : FY/SY
 Sample : K2905-02RE
 Misc : 4.34g/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T-3-4FTRE

Quant Time: May 21 02:24:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

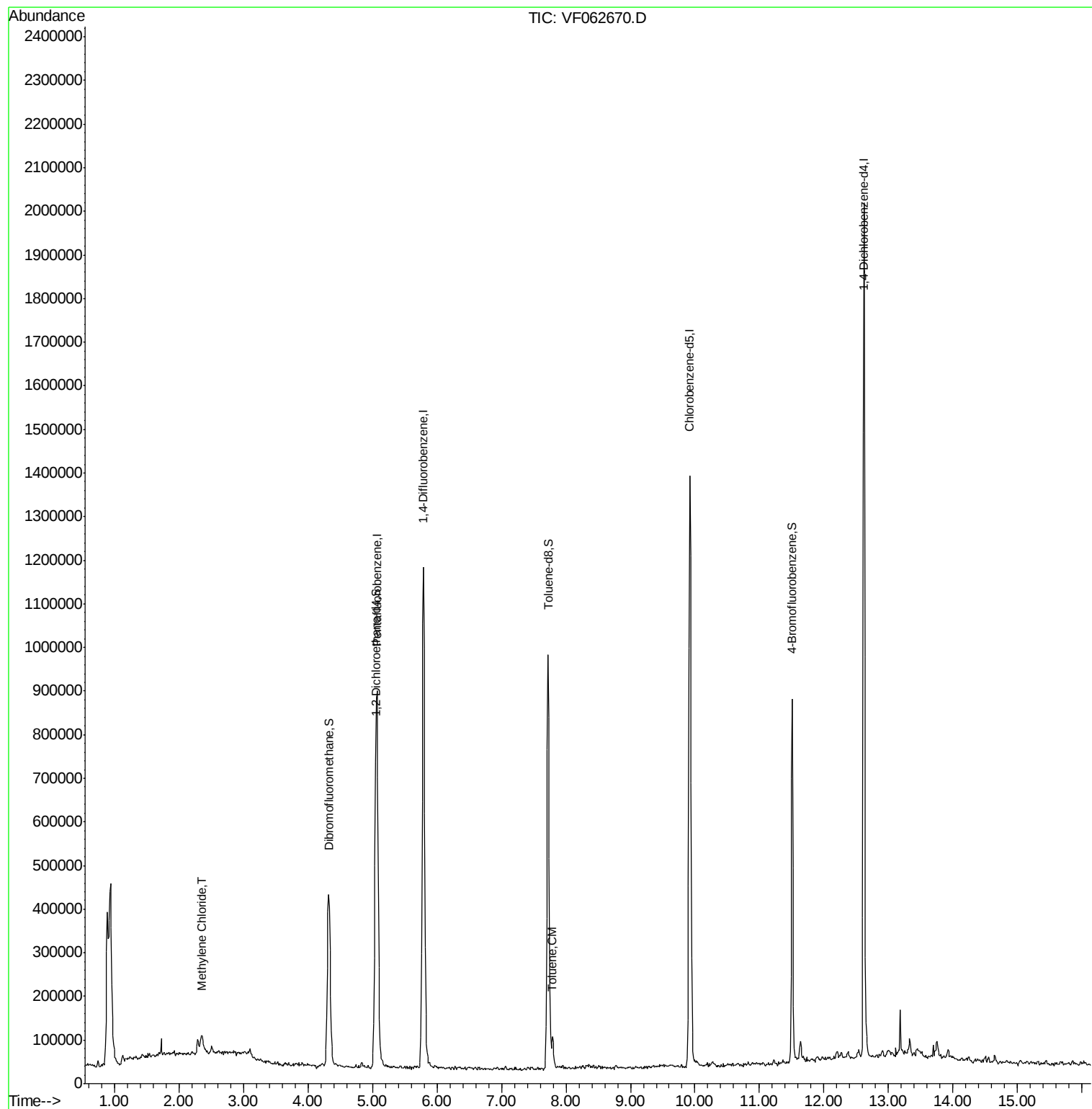
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	856486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1478709	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	1067640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	523123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	200507	33.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.26%	
35) Dibromofluoromethane	4.32	113	416338	36.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.58%	
50) Toluene-d8	7.72	98	851796	31.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.06%	
62) 4-Bromofluorobenzene	11.51	95	312570	30.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.02%	
Target Compounds						
20) Methylene Chloride	2.35	84	52139m	6.625	ug/l	Qvalue
52) Toluene	7.79	92	37550	1.735	ug/l	99

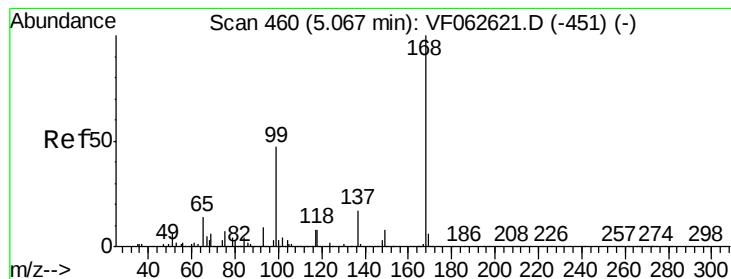
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062670.D

Acq: 20 May 2019 19:41

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MSVOA_F

ClientSampleId :

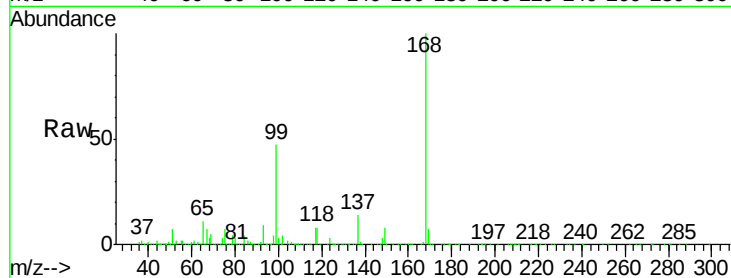
T-3-4FTRE

Tot Ion:168 Resp: 856486

Ion Ratio Lower Upper

168 100

99 46.9 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.07

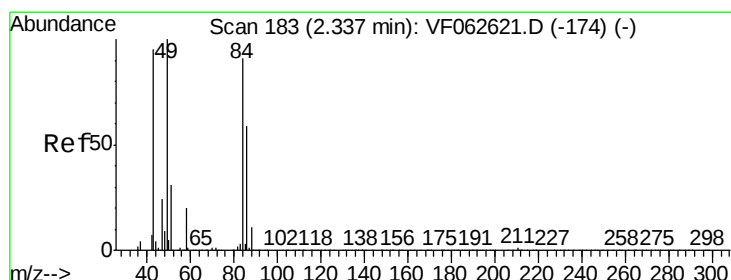
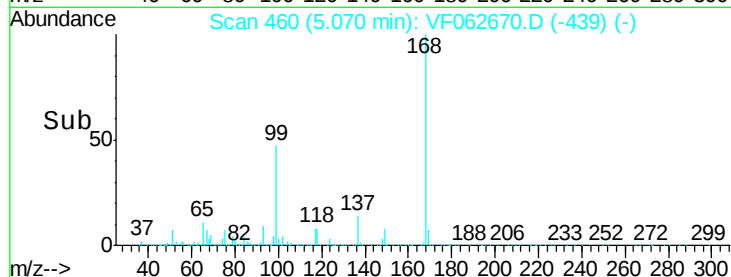
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 6.625 ug/l m

RT: 2.35 min Scan# 184

Delta R.T. 0.01 min

Lab File: VF062670.D

Acq: 20 May 2019 19:41

Tgt Ion: 84 Resp: 52139

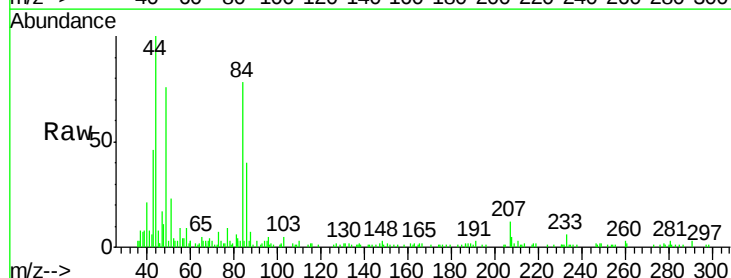
Ion Ratio Lower Upper

84 100

49 97.3 89.8 134.8

51 29.2 28.4 42.6

86 52.0 52.6 79.0#



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

2.35

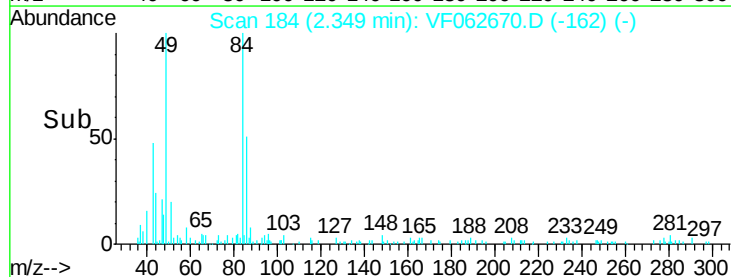
15000

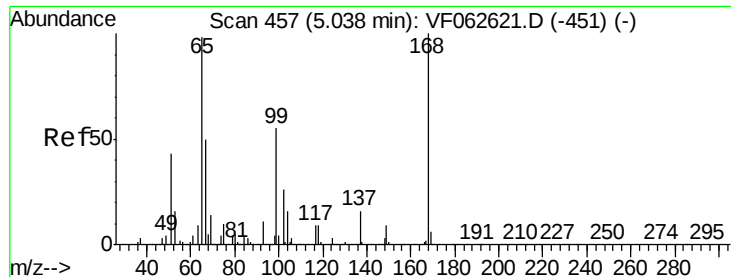
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 33.129 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF062670.D

Acq: 20 May 2019 19:41

Instrument :

MSVOA_F

ClientSampleId :

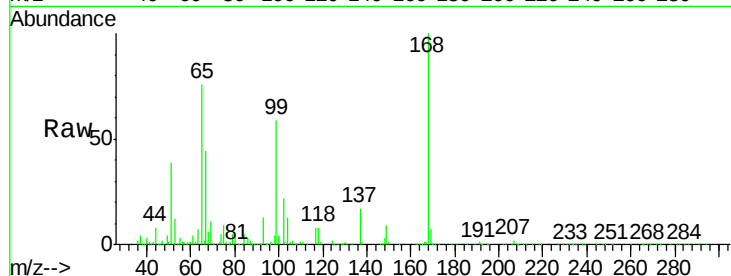
T-3-4FTRE

Tot Ion: 65 Resp: 200507

Ion Ratio Lower Upper

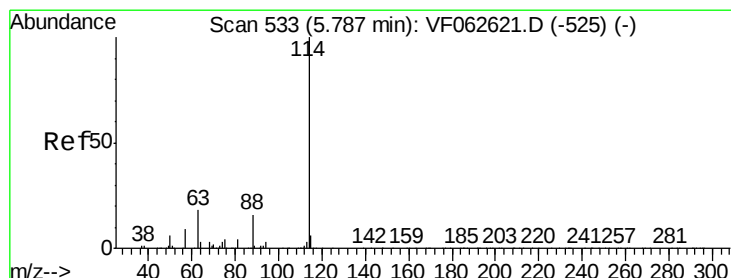
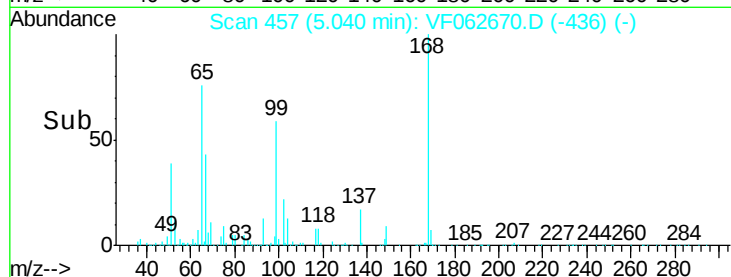
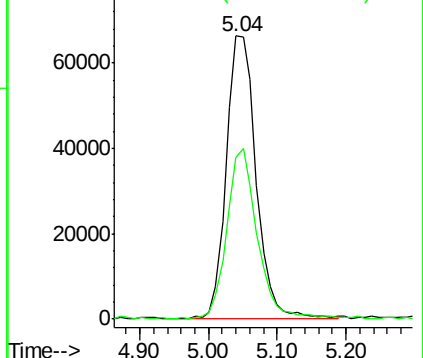
65 100

67 57.3 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: 5.79 min Scan# 533

Delta R.T. 0.00 min

Lab File: VF062670.D

Acq: 20 May 2019 19:41

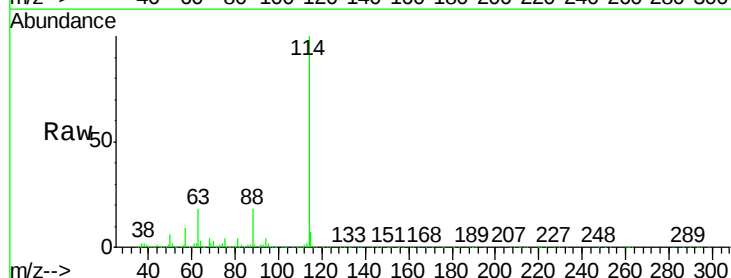
Tgt Ion: 114 Resp: 1478709

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

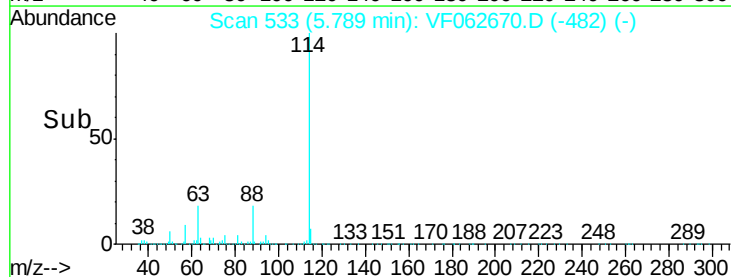
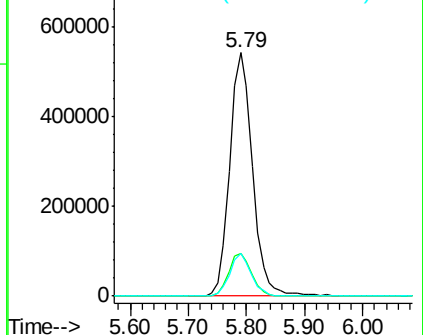
88 17.7 0.0 32.4

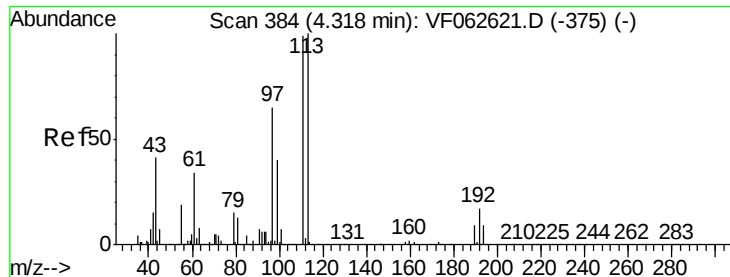


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

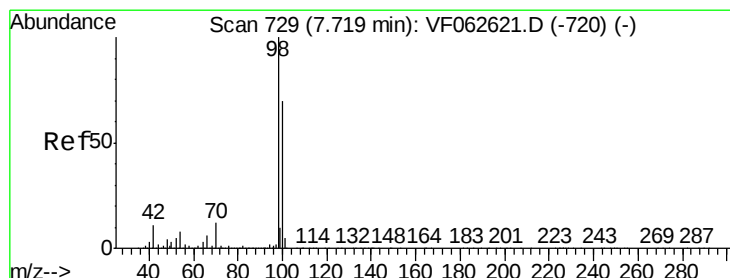
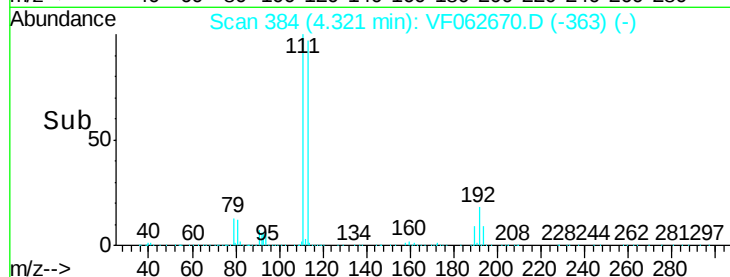
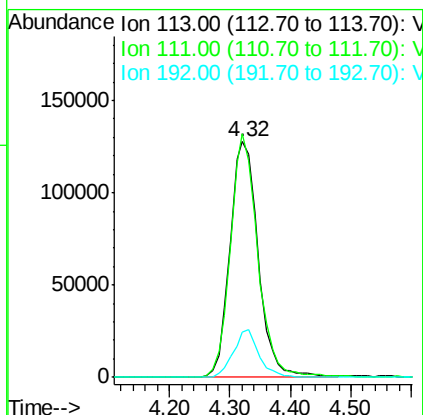
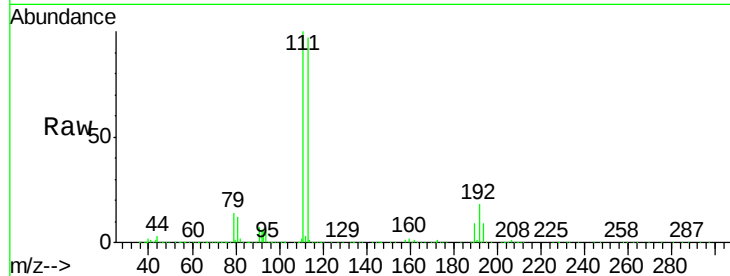




#35
 Dibromofluoromethane
 Concen: 36.795 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VF062670.D
 Acq: 20 May 2019 19:41

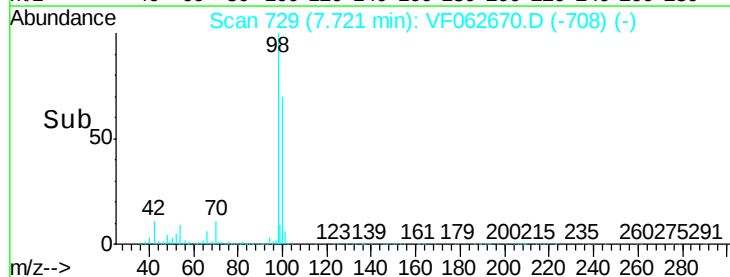
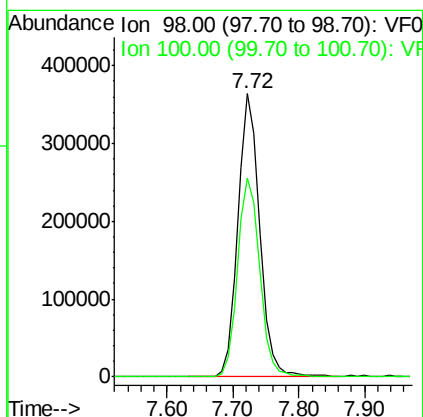
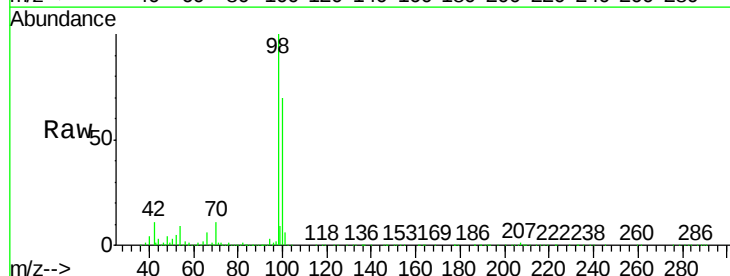
Instrument :
 MSVOA_F
 ClientSampleId :
 T-3-4FTRE

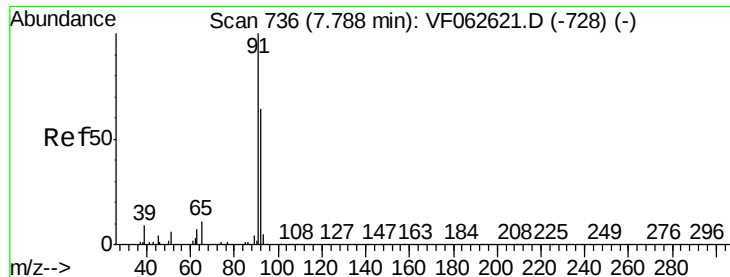
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	79.4	119.2
192	19.3	13.4	20.2



#50
 Toluene-d8
 Concen: 31.529 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VF062670.D
 Acq: 20 May 2019 19:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.4	56.2	84.2





#52

Toluene

Concen: 1.735 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF062670.D

Acq: 20 May 2019 19:41

Instrument :

MSVOA_F

ClientSampleId :

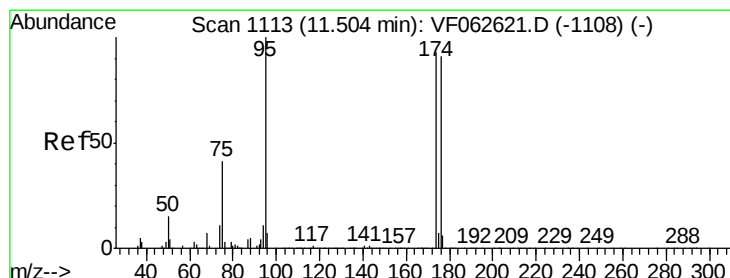
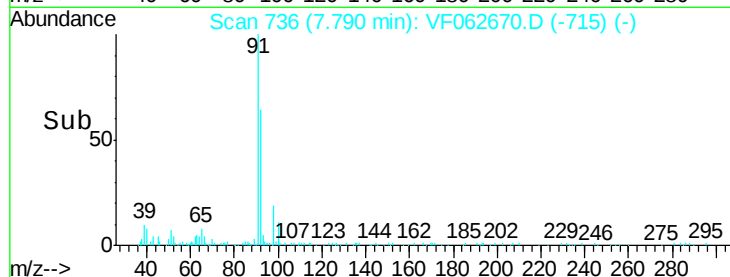
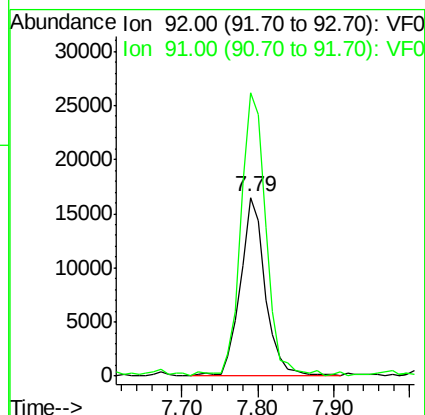
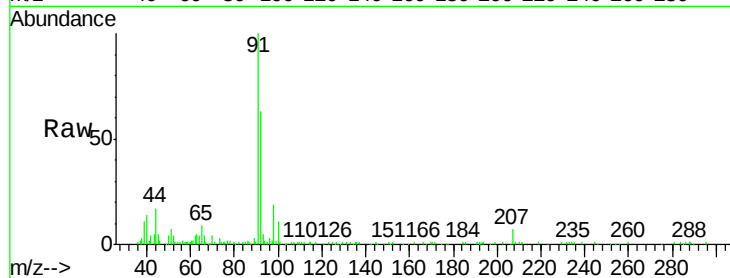
T-3-4FTRE

Tot Ion: 92 Resp: 37550

Ion Ratio Lower Upper

92 100

91 158.6 125.4 188.0



#62

4-Bromofluorobenzene

Concen: 30.505 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF062670.D

Acq: 20 May 2019 19:41

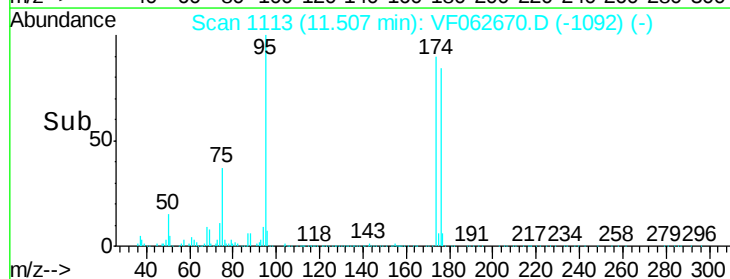
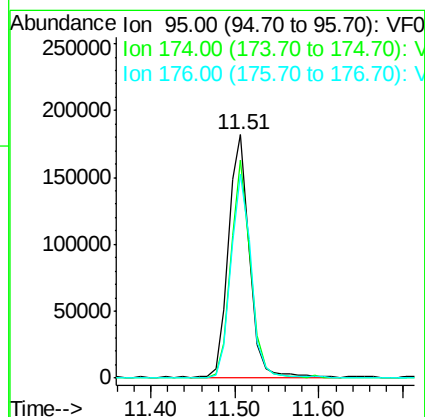
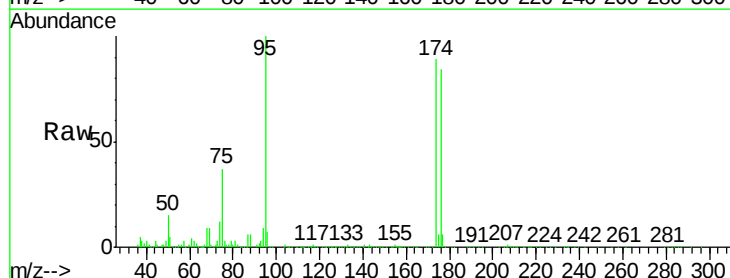
Tgt Ion: 95 Resp: 312570

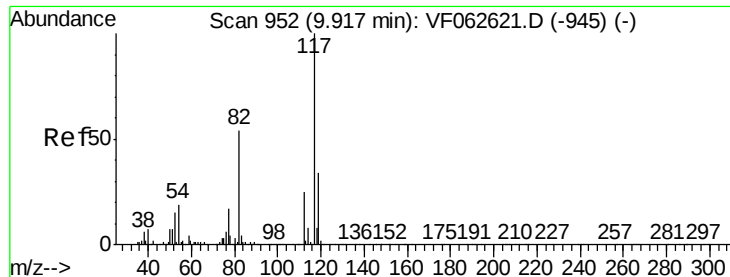
Ion Ratio Lower Upper

95 100

174 89.5 0.0 185.6

176 84.0 0.0 182.4

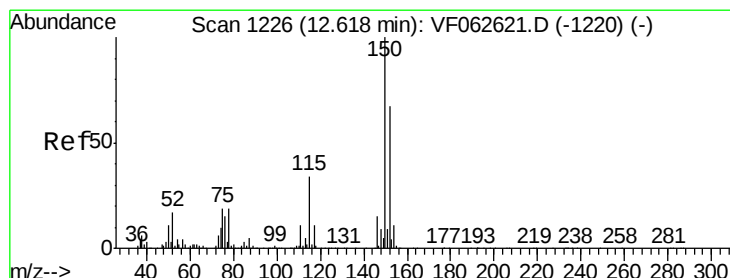
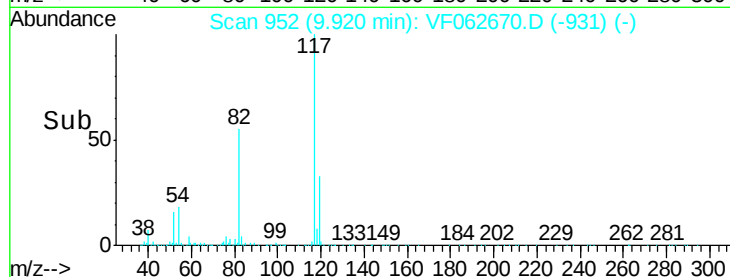
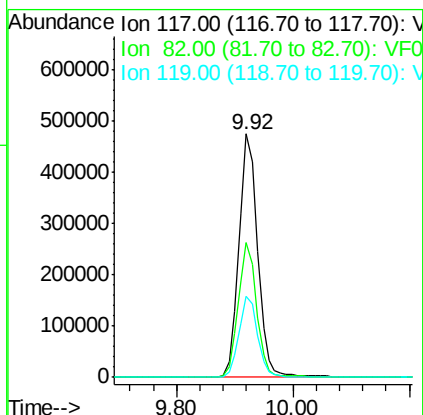
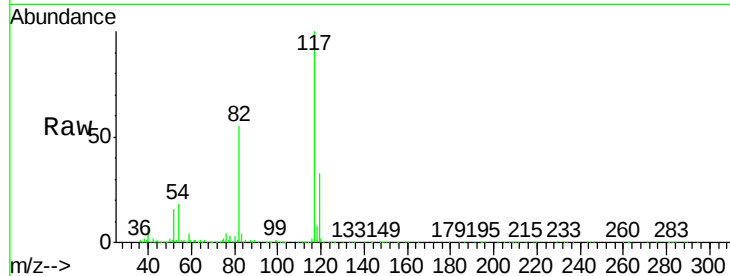




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF062670.D
Acq: 20 May 2019 19:41

Instrument :
MSVOA_F
ClientSampleId :
T-3-4FTRE

Tot Ion:117 Resp: 1067640
Ion Ratio Lower Upper
117 100
82 55.5 43.3 64.9
119 33.4 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062670.D
Acq: 20 May 2019 19:41

Tgt Ion:152 Resp: 523123
Ion Ratio Lower Upper
152 100
115 53.7 25.2 75.6
150 146.2 0.0 306.2

