

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052219\
 Data File : VF062714.D
 Acq On : 22 May 2019 19:09
 Operator : FY/SY
 Sample : K3002-06RE
 Misc : 5.01g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 22-C4-20190401RE

Quant Time: May 23 02:20:34 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

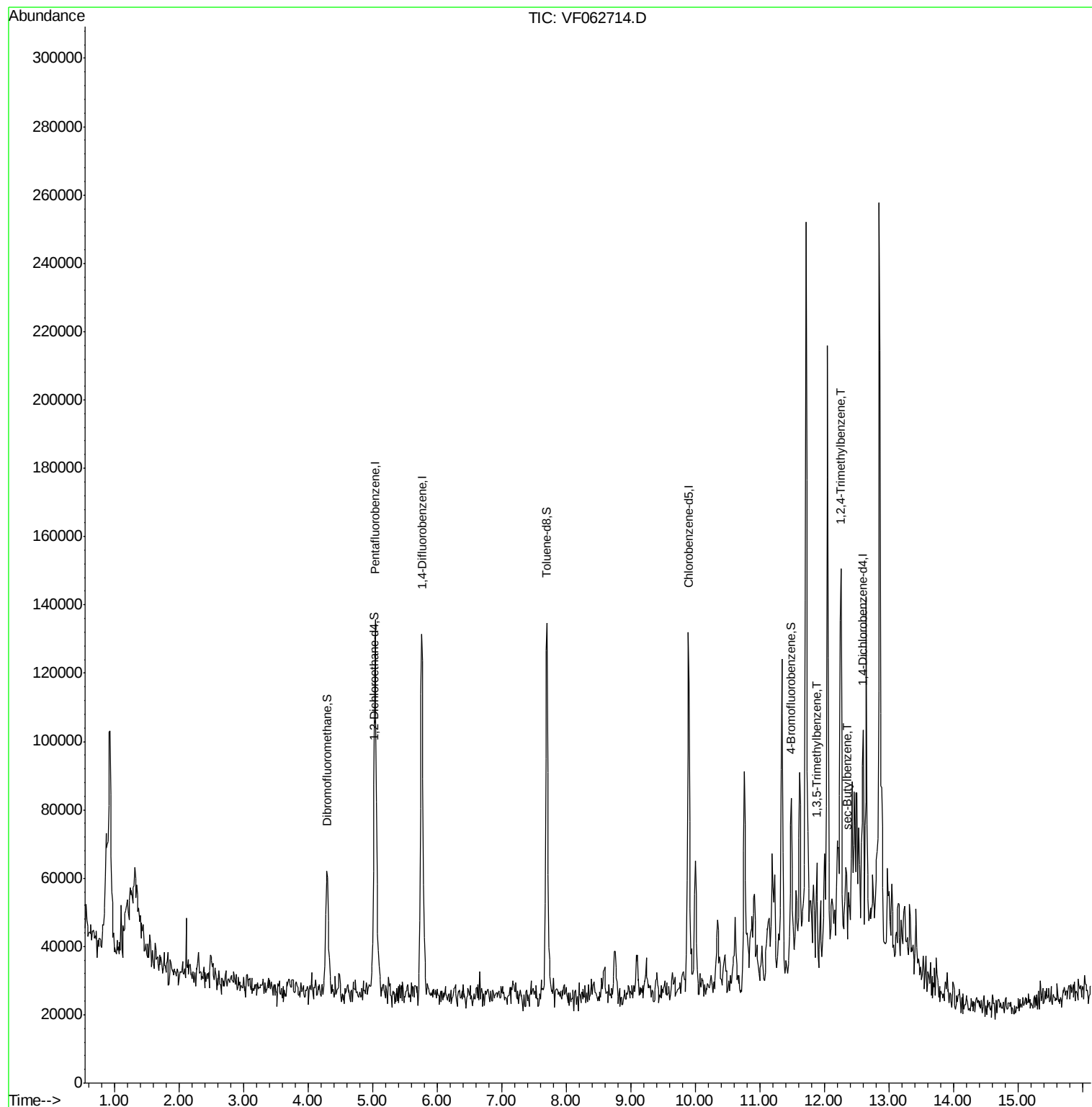
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	107654	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	140772	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	68632	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	16255	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	12301	16.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	32.34%	
35) Dibromofluoromethane	4.29	113	33889	31.46	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	62.92%	
50) Toluene-d8	7.70	98	101656	39.53	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	79.06%	
62) 4-Bromofluorobenzene	11.48	95	19306	19.79	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	39.58%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	11.88	105	8779	9.398	ug/l	91
84) 1,2,4-Trimethylbenzene	12.26	105	12657	13.999	ug/l	93
85) sec-Butylbenzene	12.36	105	2044	1.607	ug/l	98

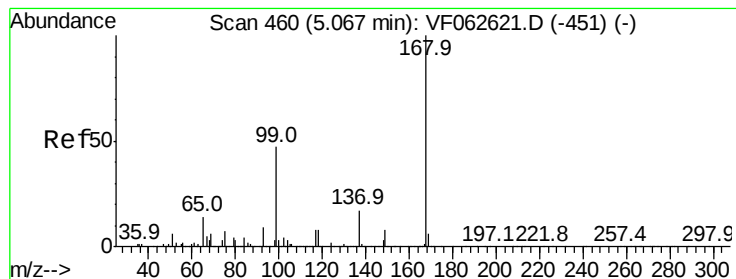
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052219\
Data File : VF062714.D
Acq On : 22 May 2019 19:09
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Misc : 5.01µ/5mL/MSVOA F/SOIL
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Quant Time: May 23 02:20:34 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF062714.D

Acq: 22 May 2019 19:09

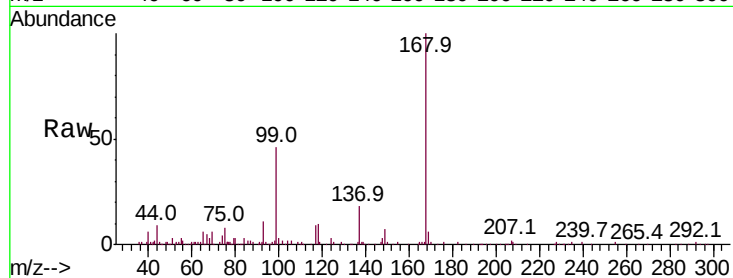
Instrument :
MSVOA_F
ClientSampleId :
22-C4-20190401RE

Tot Ion:168 Resp: 107654

Ion Ratio Lower Upper

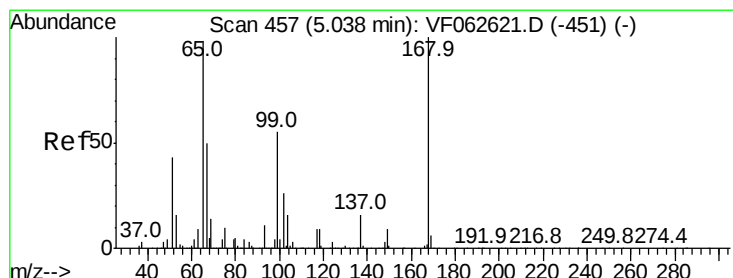
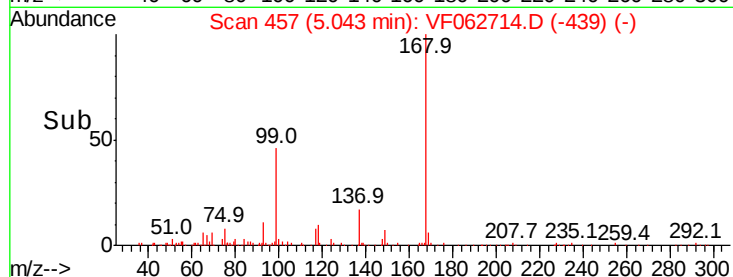
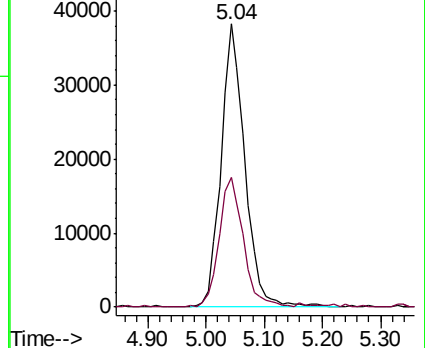
168 100

99 45.7 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: 16.170 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF062714.D

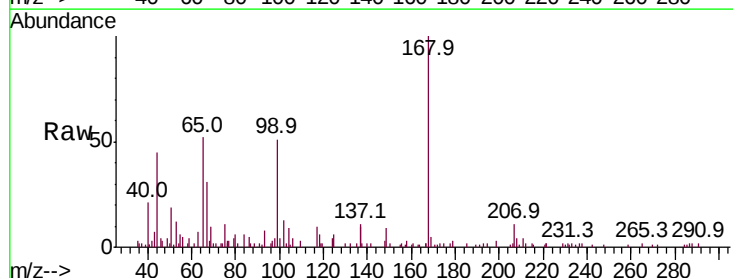
Acq: 22 May 2019 19:09

Tgt Ion: 65 Resp: 12301

Ion Ratio Lower Upper

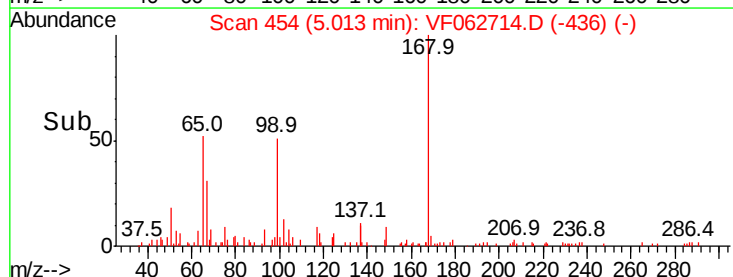
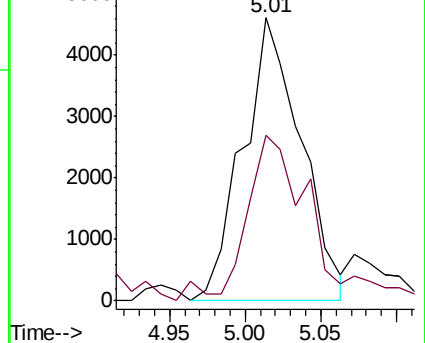
65 100

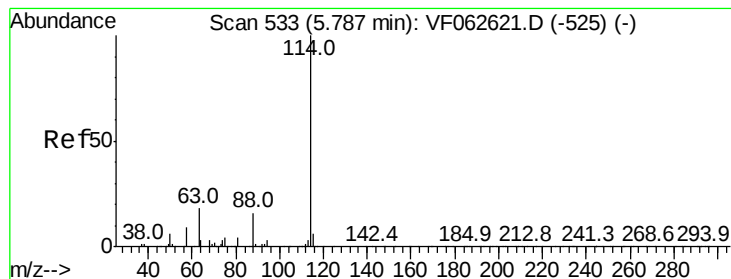
67 58.6 0.0 117.6



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: 5.76 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF062714.D

Acq: 22 May 2019 19:09

Instrument :

MSVOA_F

ClientSampleId :

22-C4-20190401RE

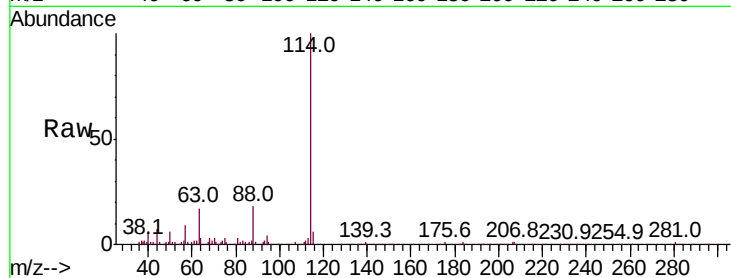
Tot Ion:114 Resp: 140772

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.4

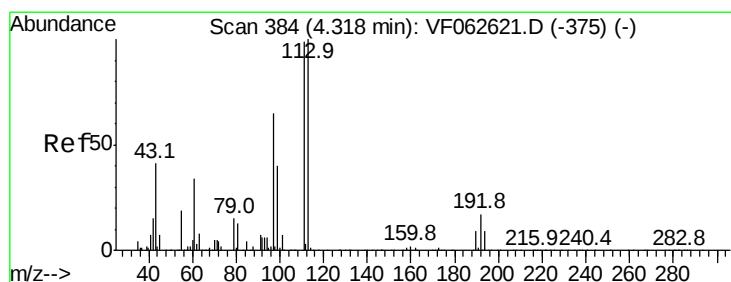
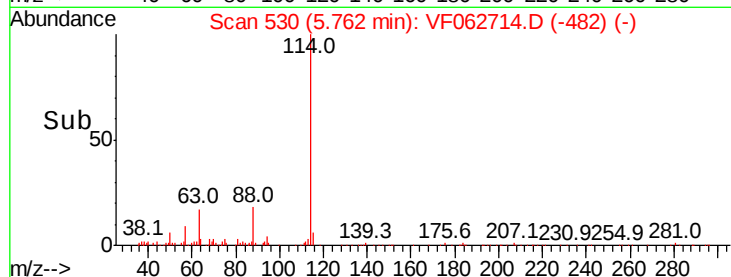
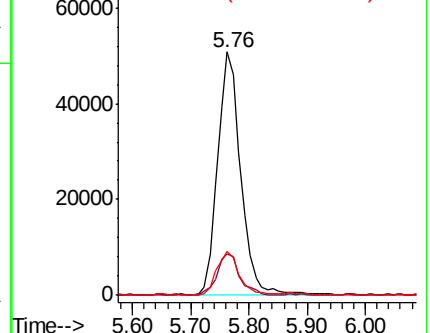
88 18.1 0.0 32.4



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: 31.460 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF062714.D

Acq: 22 May 2019 19:09

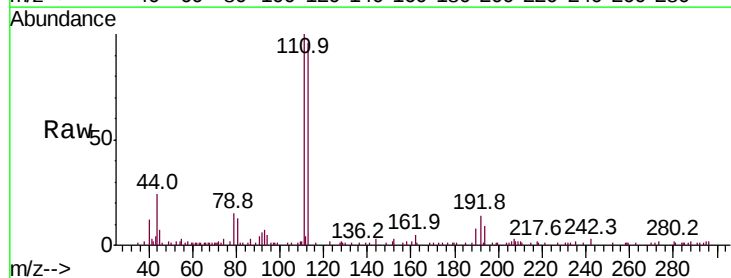
Tgt Ion:113 Resp: 33889

Ion Ratio Lower Upper

113 100

111 103.8 79.4 119.2

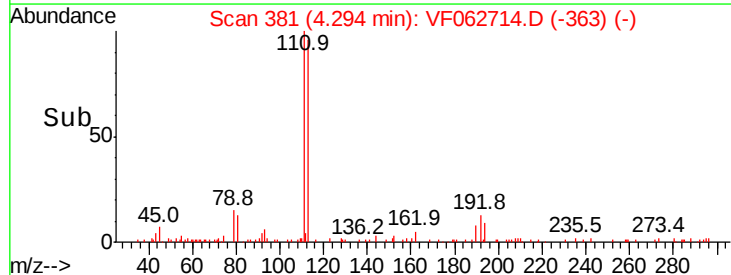
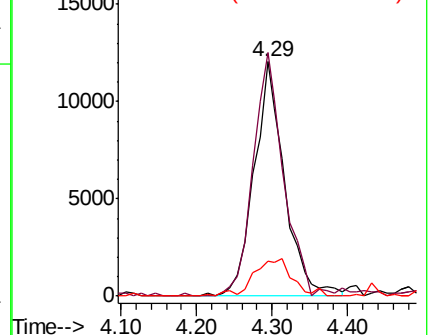
192 14.8 13.4 20.2

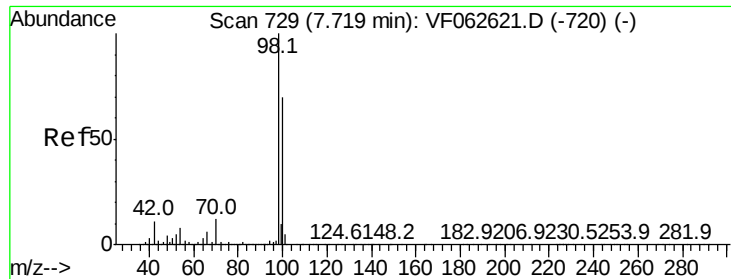


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

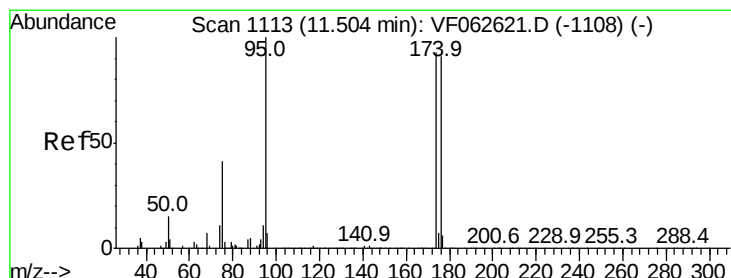
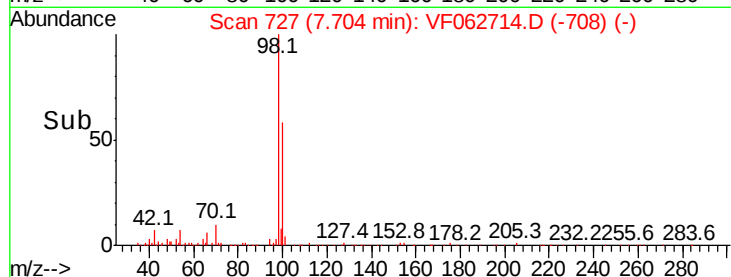
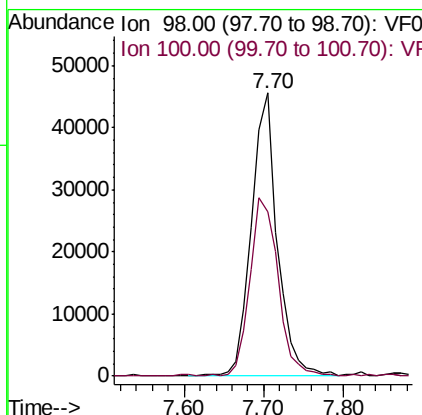
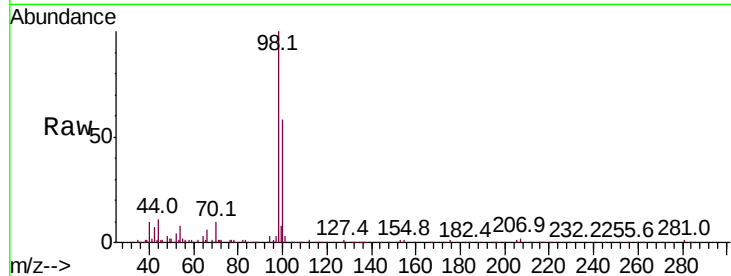




#50
Toluene-d8
Concen: 39.525 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

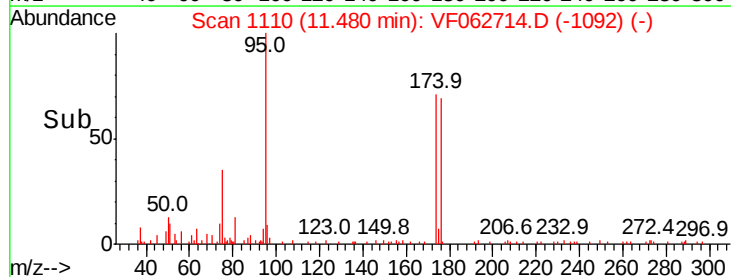
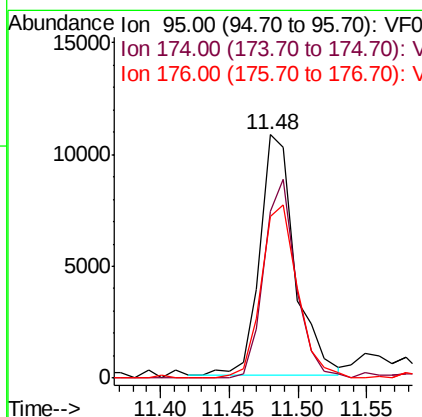
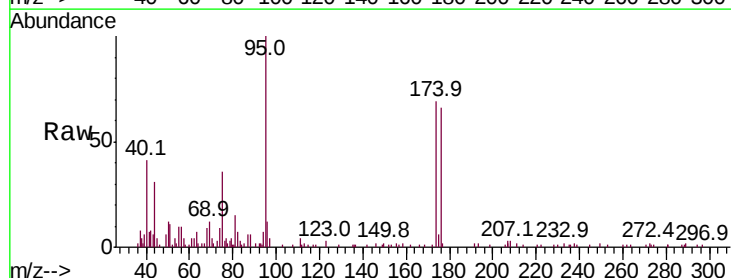
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22-C4-20190401RE

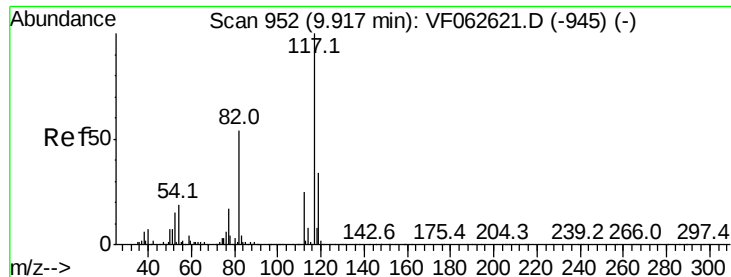
Tot Ion: 98 Resp: 101656
Ion Ratio Lower Upper
98 100
100 57.9 56.2 84.2



#62
4-Bromofluorobenzene
Concen: 19.792 ug/l
RT: 11.48 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion: 95 Resp: 19306
Ion Ratio Lower Upper
95 100
174 68.7 0.0 185.6
176 66.2 0.0 182.4

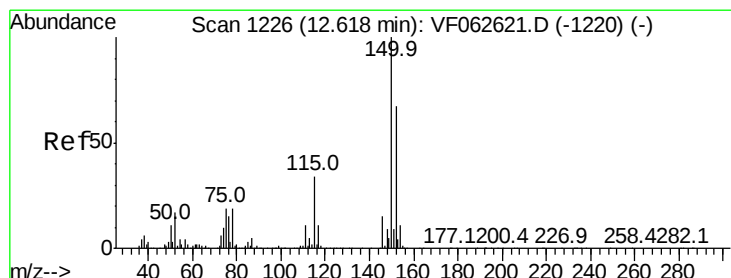
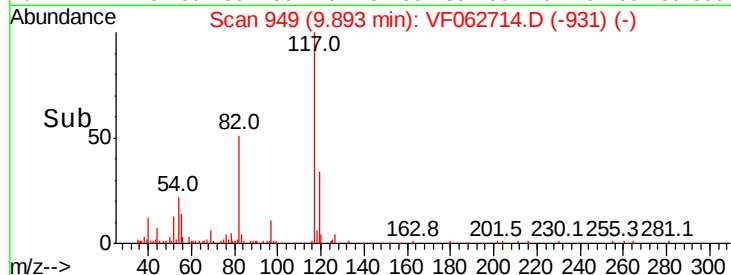
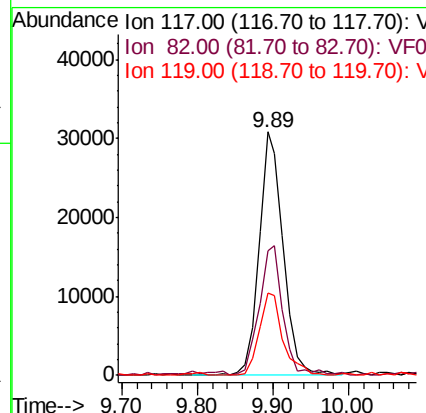
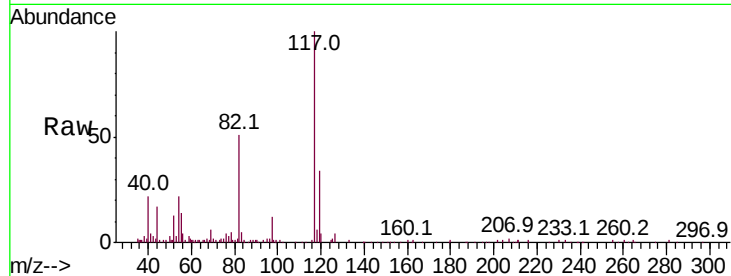




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

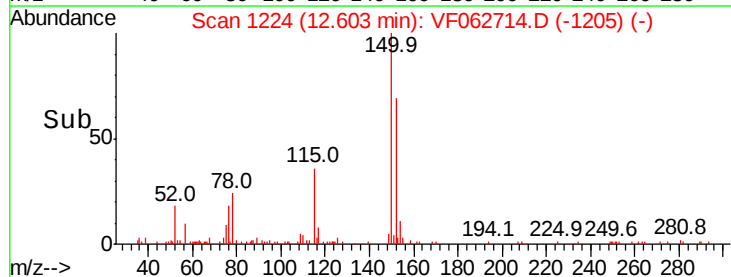
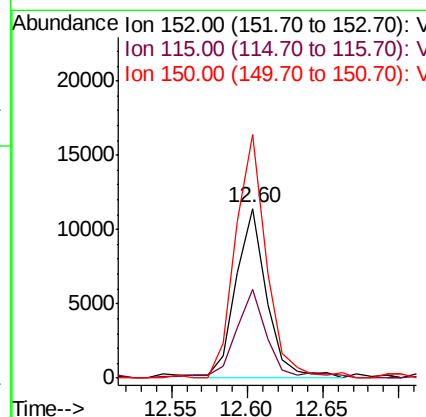
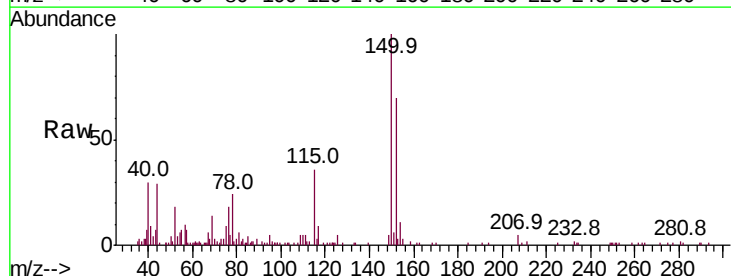
Instrument :
MSVOA_F
ClientSampleId :
22-C4-20190401RE

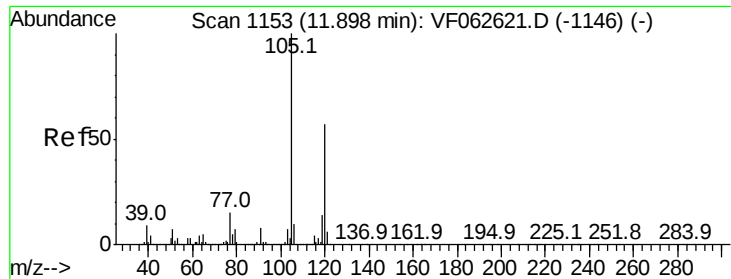
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.3	64.9
119	33.7	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VF062714.D
Acq: 22 May 2019 19:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.1	25.2	75.6
150	143.3	0.0	306.2

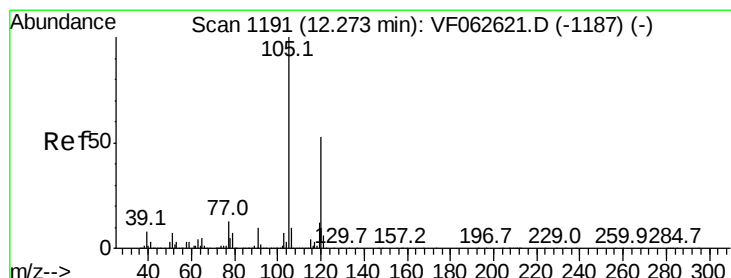
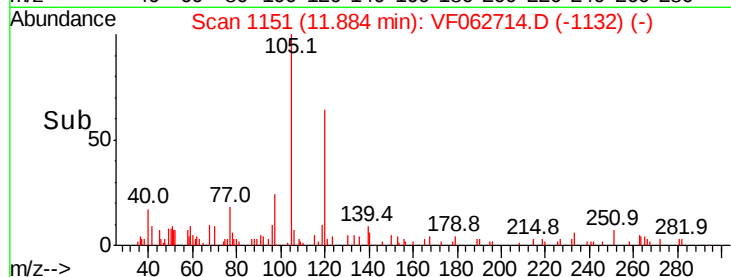
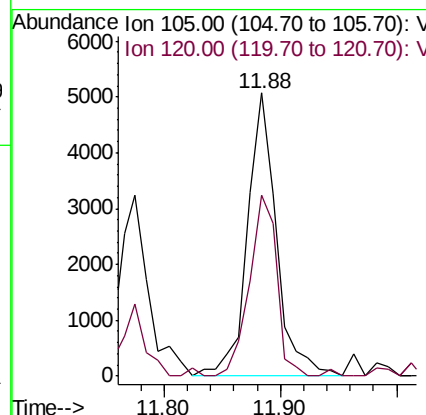
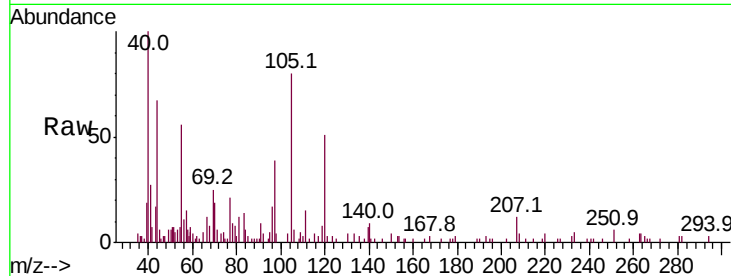




#80
 1,3,5-Trimethylbenzene
 Concen: 9.398 ug/l
 RT: 11.88 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: VF062714.D
 Acq: 22 May 2019 19:09

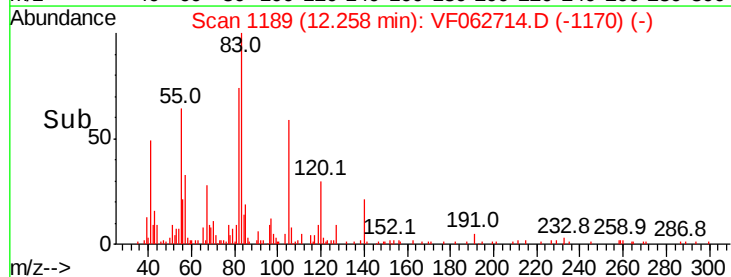
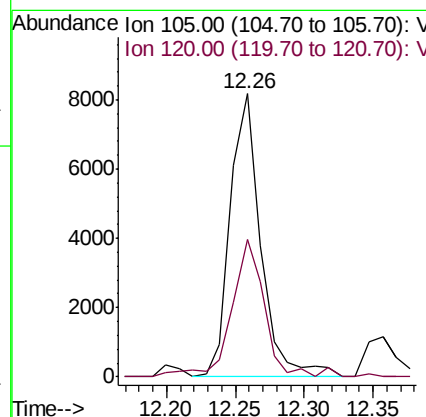
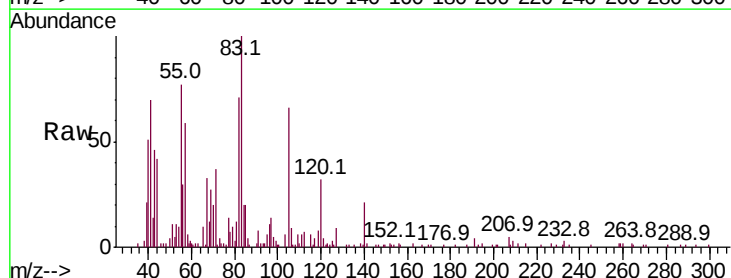
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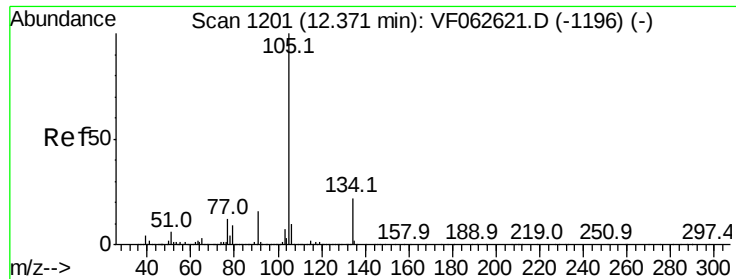
Tot Ion:105 Resp: 8779
 Ion Ratio Lower Upper
 105 100
 120 64.0 28.7 86.3



#84
 1,2,4-Trimethylbenzene
 Concen: 13.999 ug/l
 RT: 12.26 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: VF062714.D
 Acq: 22 May 2019 19:09

Tgt Ion:105 Resp: 12657
 Ion Ratio Lower Upper
 105 100
 120 48.4 26.7 80.1





#85

sec-Butylbenzene

Concen: 1.607 ug/l

RT: 12.36 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VF062714.D

Acq: 22 May 2019 19:09

Instrument :

MSVOA_F

ClientSampleId :

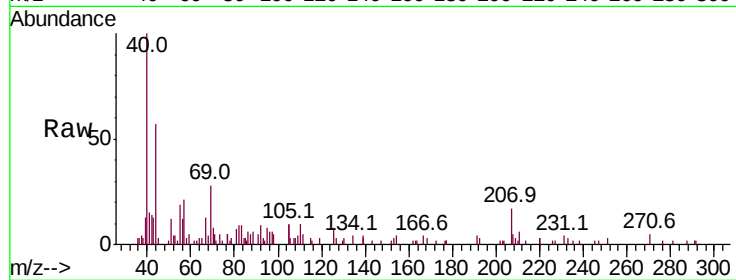
22-C4-20190401RE

Tot Ion:105 Resp: 2044

Ion Ratio Lower Upper

105 100

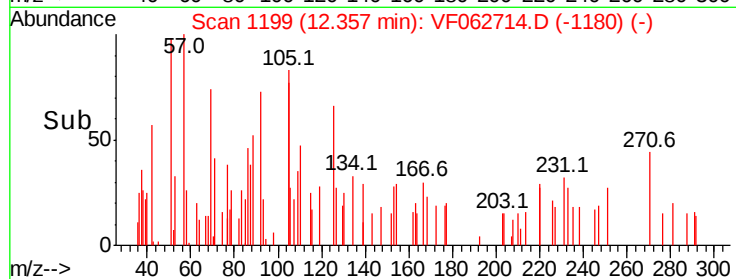
134 20.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.36



Time--> 12.30 12.35 12.40