

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062636.D
 Acq On : 17 May 2019 13:42
 Operator : FY/SY
 Sample : K2637-01
 Misc : 0.94g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-06-051519-A

Quant Time: May 18 02:01:18 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

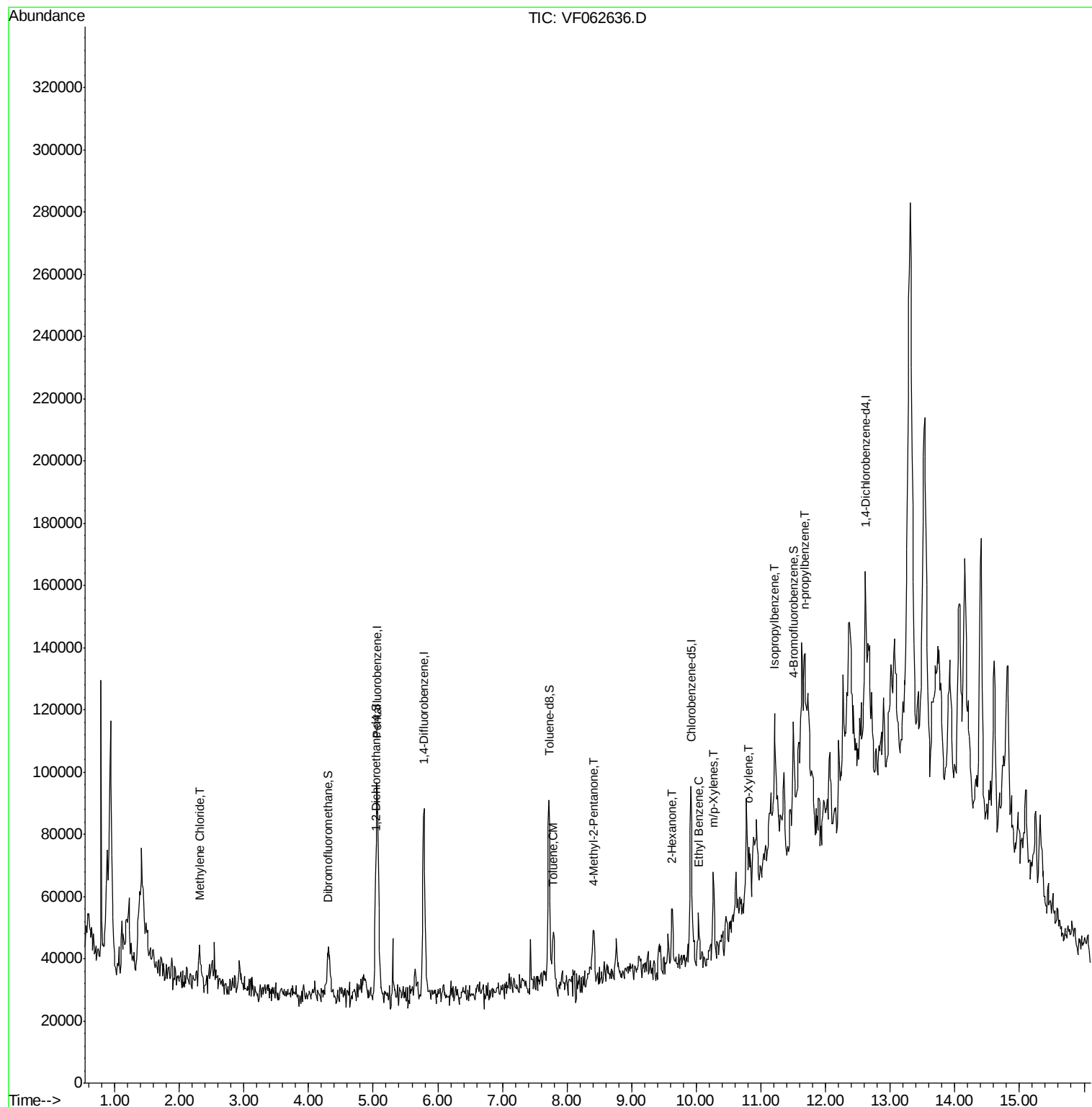
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	72874	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.79	114	74748	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	42104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	17783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	8490	16.49	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	32.98%	
35) Dibromofluoromethane	4.31	113	14472	25.30	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	50.60%	
50) Toluene-d8	7.72	98	57169	41.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.72%	
62) 4-Bromofluorobenzene	11.50	95	14192	27.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.80%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.32	84	8387	12.524	ug/l #	70
51) 4-Methyl-2-Pentanone	8.40	43	22714	82.018	ug/l #	78
52) Toluene	7.79	92	9460	8.645	ug/l #	61
59) 2-Hexanone	9.62	43	16745	80.875	ug/l	79
67) Ethyl Benzene	10.04	91	11914	8.293	ug/l	91
68) m/p-Xylenes	10.26	106	10498	19.443	ug/l	100
69) o-Xylene	10.81	106	4791	8.615	ug/l	95
73) Isopropylbenzene	11.22	105	18983	14.894	ug/l	92
78) n-propylbenzene	11.67	91	22579	14.969	ug/l	84

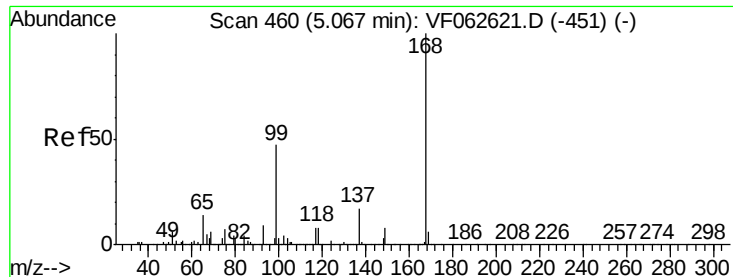
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051719\
Data File : VF062636.D
Acq On : 17 May 2019 13:42
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Quant Time: May 18 02:01:18 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: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062636.D

Acq: 17 May 2019 13:42

Instrument :

MSVOA_F

ClientSampleId :

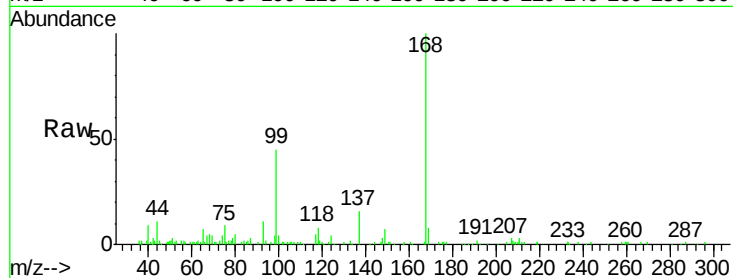
HR-06-051519-A

Tot Ion:168 Resp: 72874

Ion Ratio Lower Upper

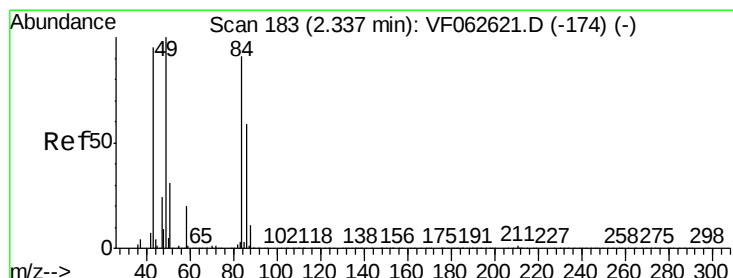
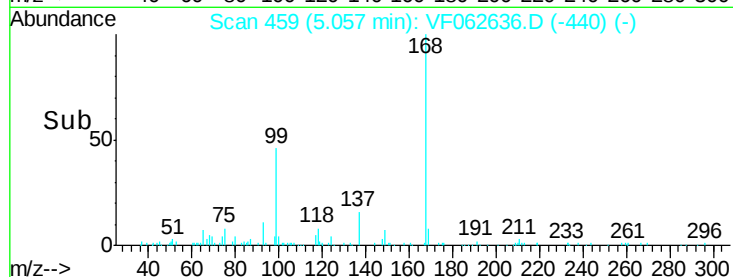
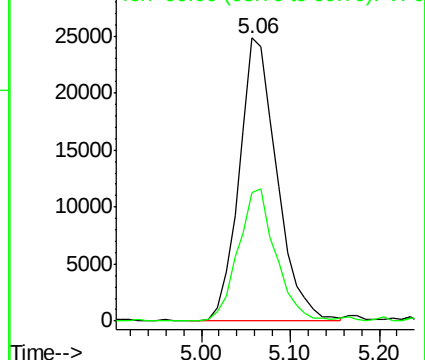
168 100

99 45.4 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 12.524 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.02 min

Lab File: VF062636.D

Acq: 17 May 2019 13:42

Tgt Ion: 84 Resp: 8387

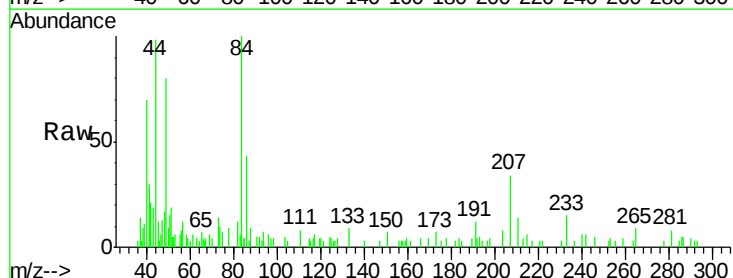
Ion Ratio Lower Upper

84 100

49 80.1 89.8 134.8#

51 18.6 28.4 42.6#

86 42.7 52.6 79.0#

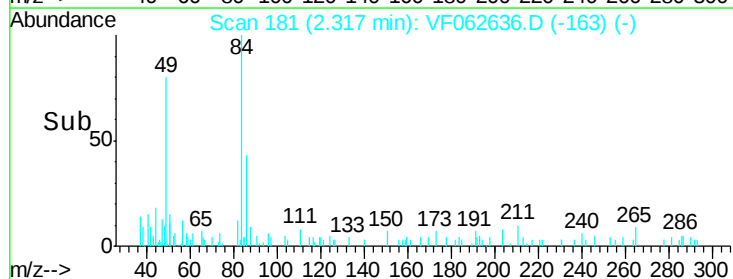
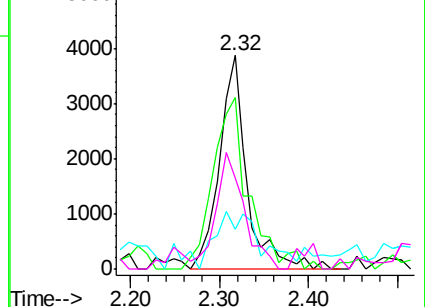


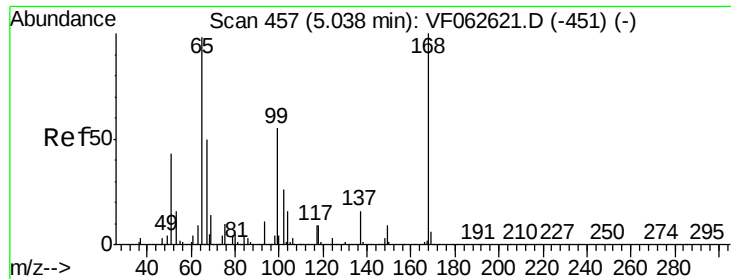
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





#33

1,2-Dichloroethane-d4

Concen: 16.487 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF062636.D

Acq: 17 May 2019 13:42

Instrument :

MSVOA_F

ClientSampleId :

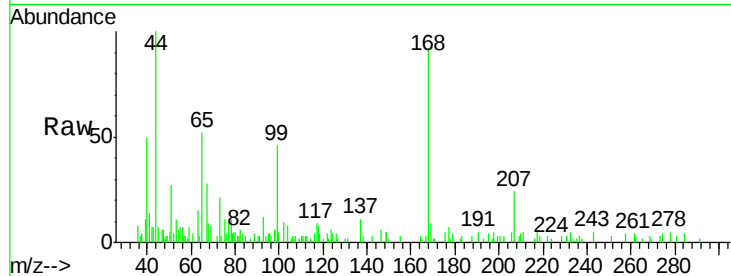
HR-06-051519-A

Tot Ion: 65 Resp: 8490

Ion Ratio Lower Upper

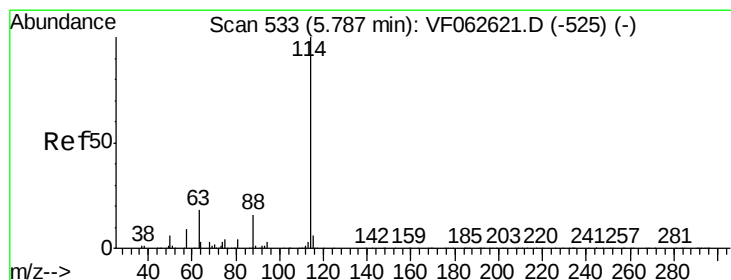
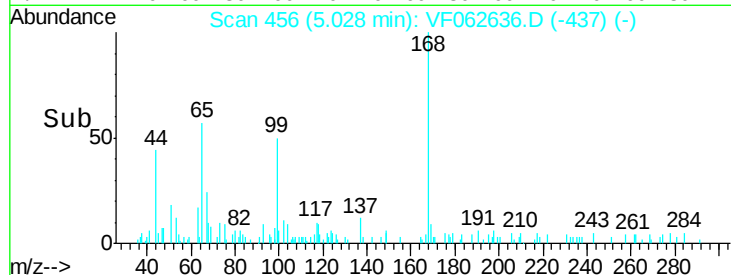
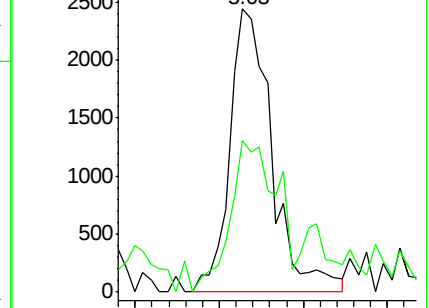
65 100

67 53.3 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: VF062636.D

Acq: 17 May 2019 13:42

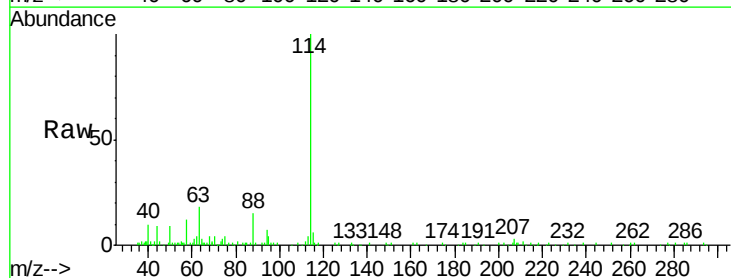
Tgt Ion: 114 Resp: 74748

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.4

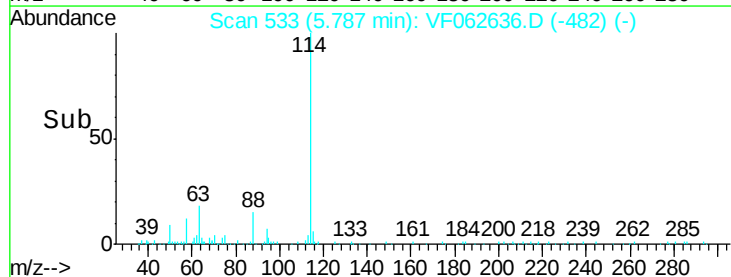
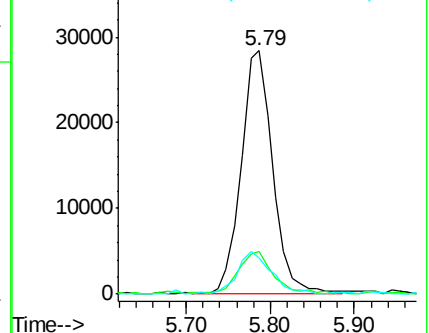
88 14.8 0.0 32.4

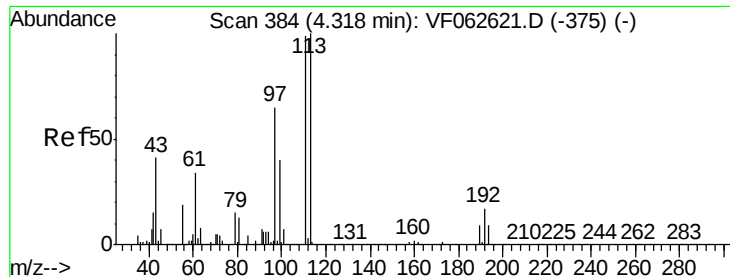


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

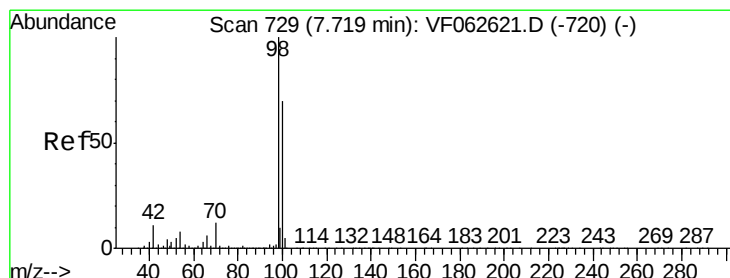
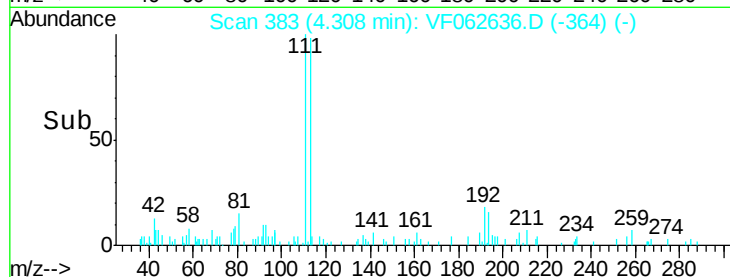
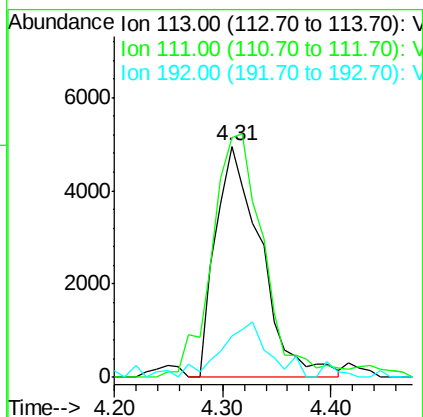
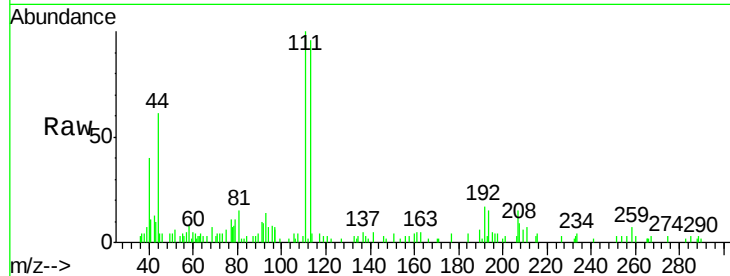




#35
 Dibromofluoromethane
 Concen: 25.302 ug/l
 RT: 4.31 min Scan# 383
 Delta R.T. -0.01 min
 Lab File: VF062636.D
 Acq: 17 May 2019 13:42

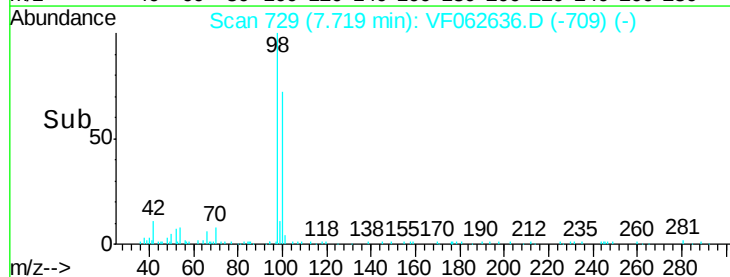
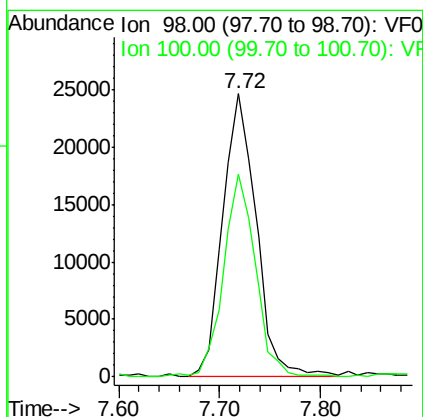
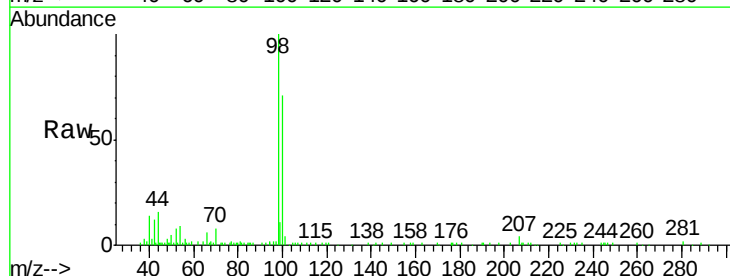
Instrument :
 MSVOA_F
 ClientSampleId :
 HR-06-051519-A

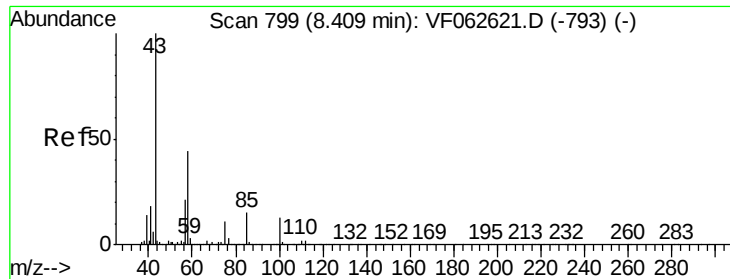
Tot Ion:113 Resp: 14472
 Ion Ratio Lower Upper
 113 100
 111 104.0 79.4 119.2
 192 18.1 13.4 20.2



#50
 Toluene-d8
 Concen: 41.862 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VF062636.D
 Acq: 17 May 2019 13:42

Tgt Ion: 98 Resp: 57169
 Ion Ratio Lower Upper
 98 100
 100 71.4 56.2 84.2





#51

4-Methyl-2-Pentanone

Concen: 82.018 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.01 min

Lab File: VF062636.D

Acq: 17 May 2019 13:42

Instrument :

MSVOA_F

ClientSampleId :

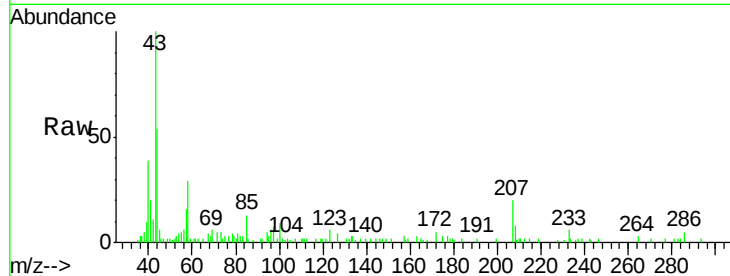
HR-06-051519-A

Tot Ion: 43 Resp: 22714

Ion Ratio Lower Upper

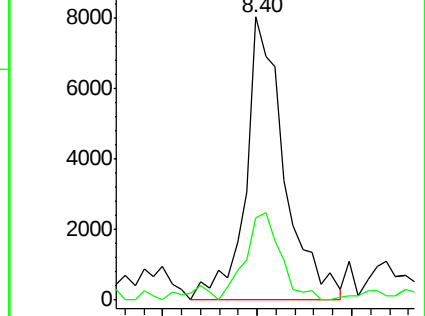
43 100

58 29.3 34.9 52.3#

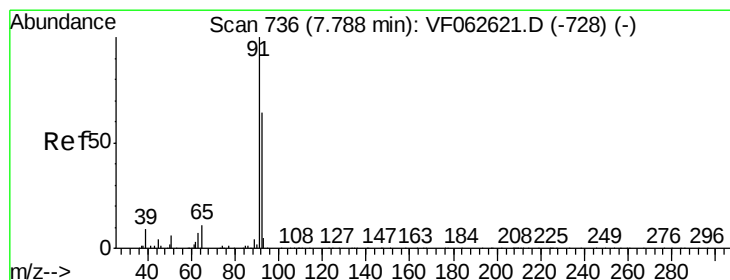
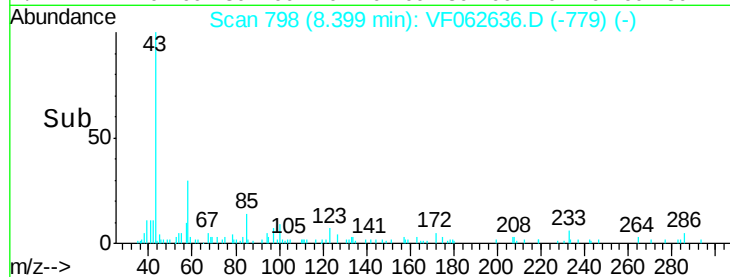


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->



#52

Toluene

Concen: 8.645 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.00 min

Lab File: VF062636.D

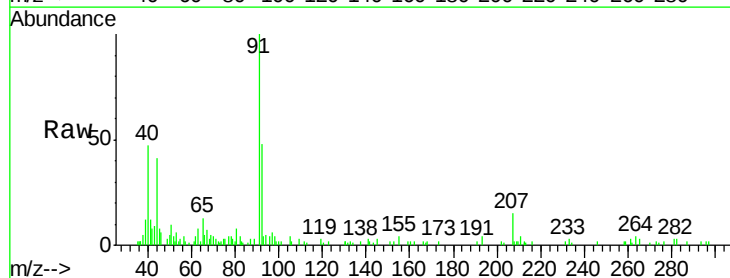
Acq: 17 May 2019 13:42

Tgt Ion: 92 Resp: 9460

Ion Ratio Lower Upper

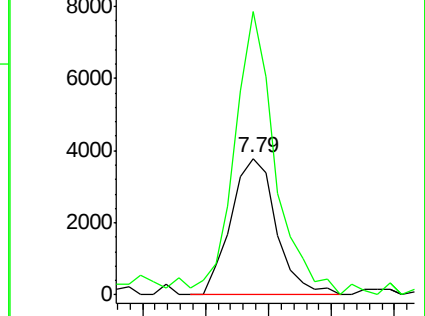
92 100

91 207.6 125.4 188.0#

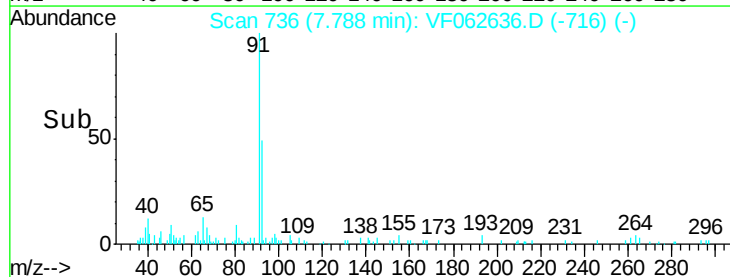


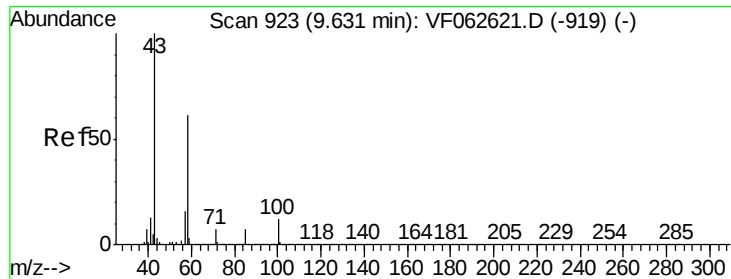
Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



Time-->

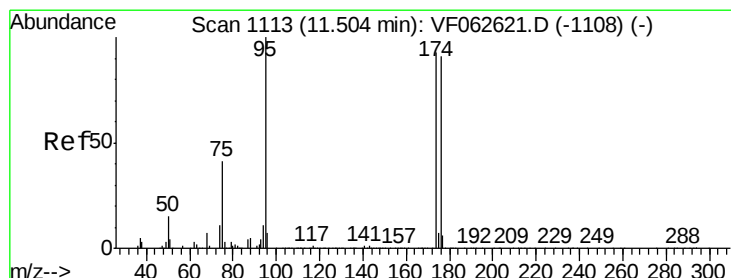
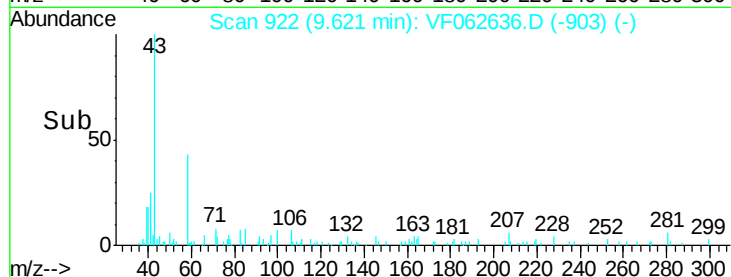
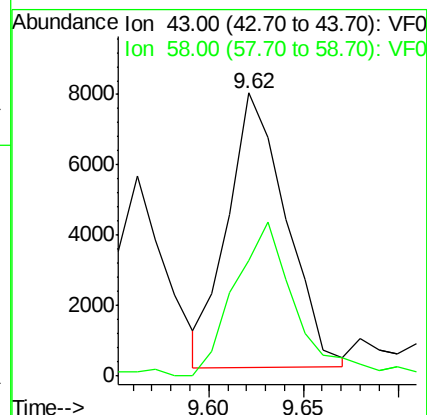
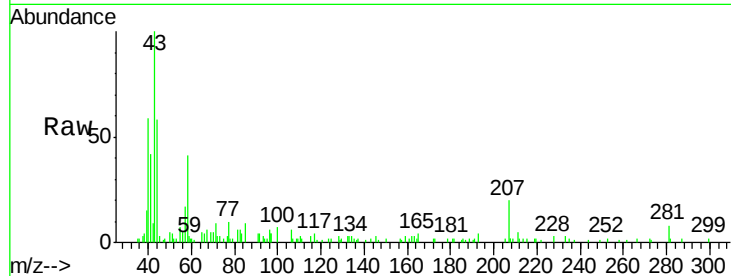




#59
2-Hexanone
Concen: 80.875 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.01 min
Lab File: VF062636.D
Acq: 17 May 2019 13:42

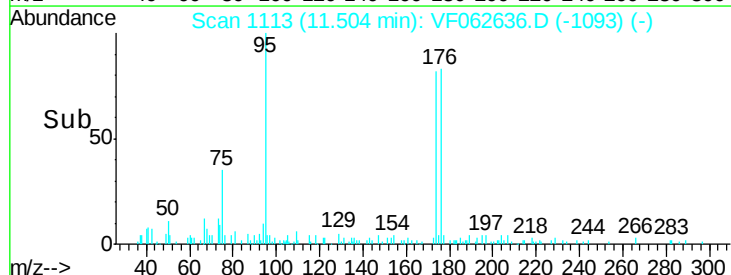
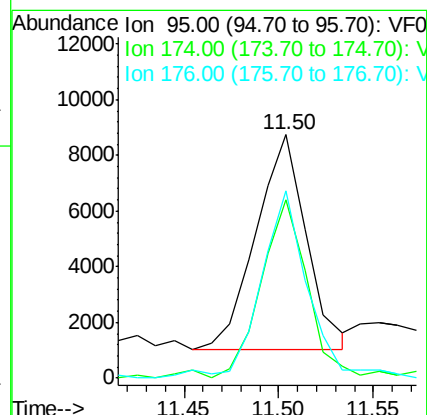
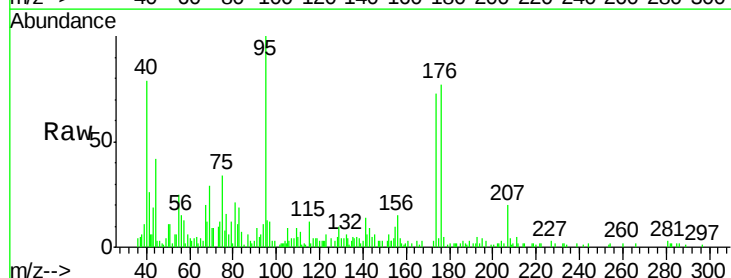
Instrument :
MSVOA_F
ClientSampleId :
HR-06-051519-A

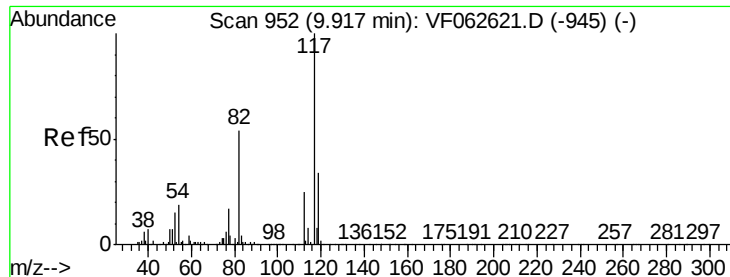
Tot Ion: 43 Resp: 16745
Ion Ratio Lower Upper
43 100
58 40.7 28.1 84.4



#62
4-Bromofluorobenzene
Concen: 27.400 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062636.D
Acq: 17 May 2019 13:42

Tgt Ion: 95 Resp: 14192
Ion Ratio Lower Upper
95 100
174 73.1 0.0 185.6
176 76.8 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: VF062636.D

Acq: 17 May 2019 13:42

Instrument :

MSVOA_F

ClientSampleId :

HR-06-051519-A

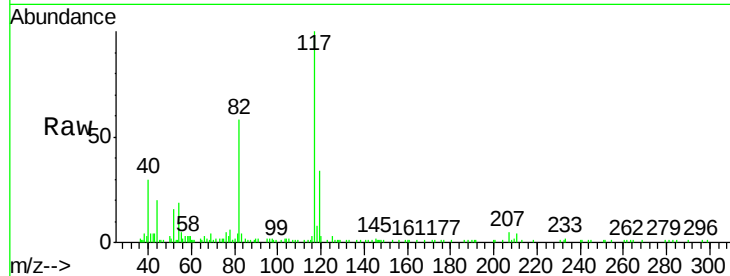
Tot Ion:117 Resp: 42104

Ion Ratio Lower Upper

117 100

82 57.6 43.3 64.9

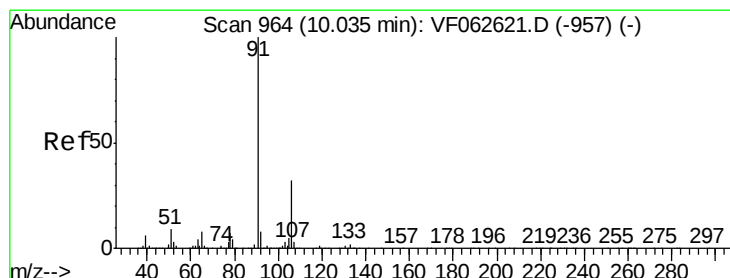
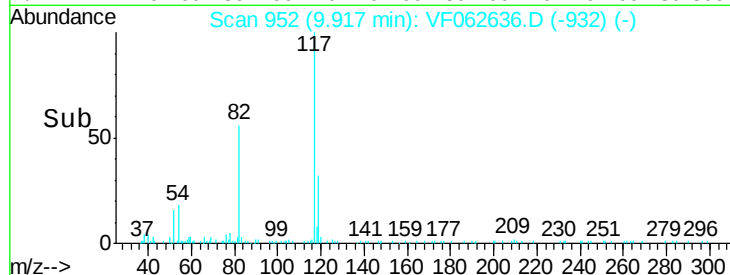
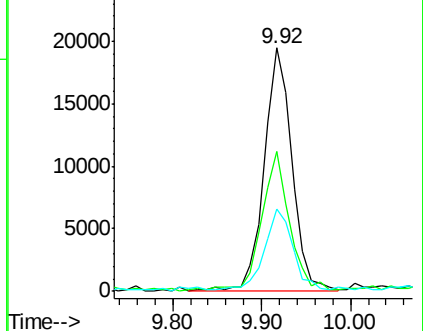
119 33.8 27.4 41.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#67

Ethyl Benzene

Concen: 8.293 ug/l

RT: 10.04 min Scan# 964

Delta R.T. -0.00 min

Lab File: VF062636.D

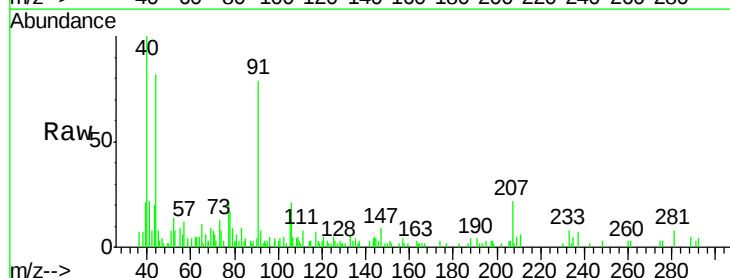
Acq: 17 May 2019 13:42

Tgt Ion: 91 Resp: 11914

Ion Ratio Lower Upper

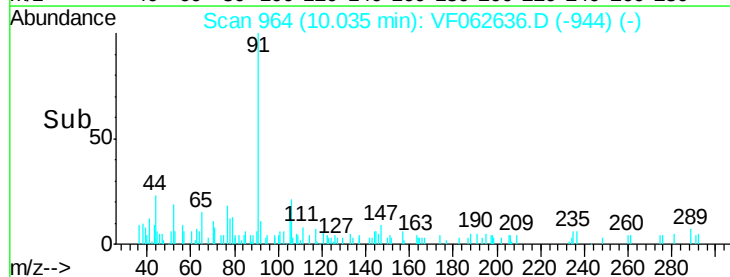
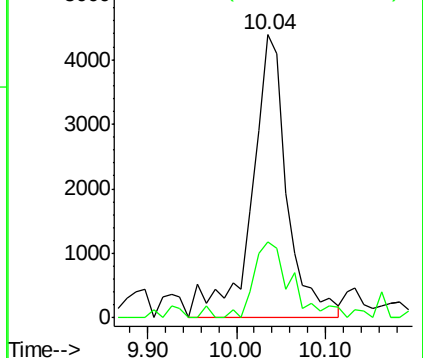
91 100

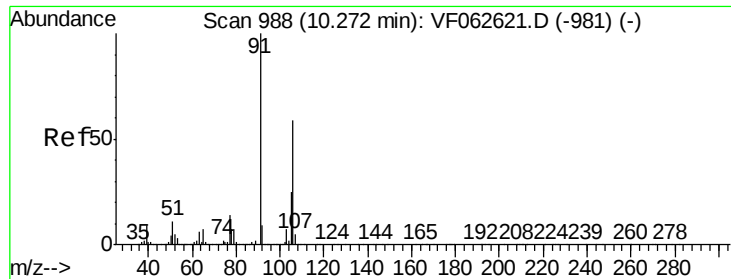
106 27.1 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

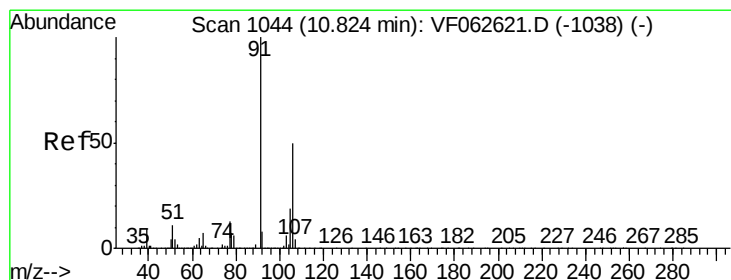
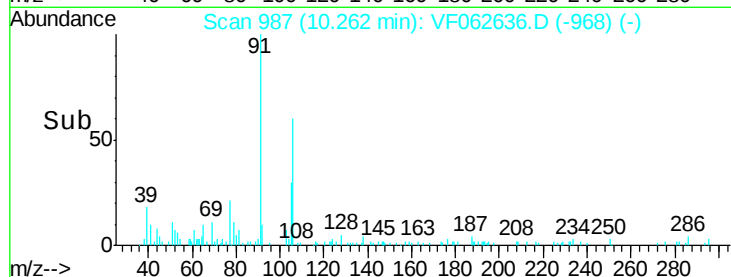
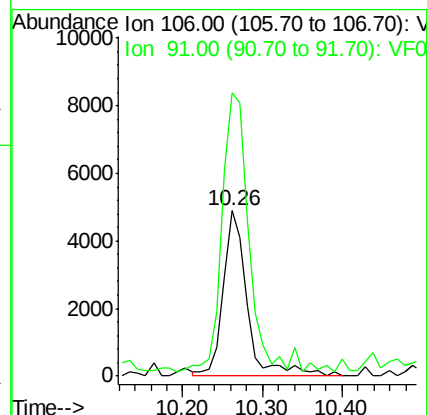
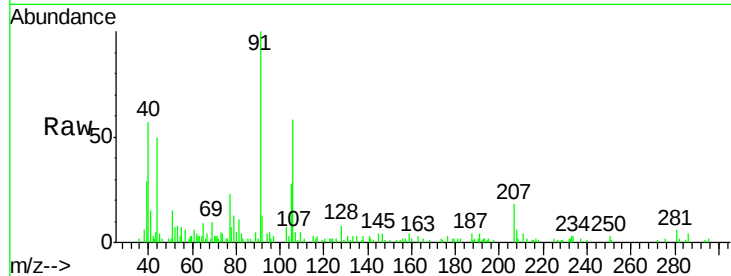




#68
m/p-Xylenes
Concen: 19.443 ug/l
RT: 10.26 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF062636.D
Acq: 17 May 2019 13:42

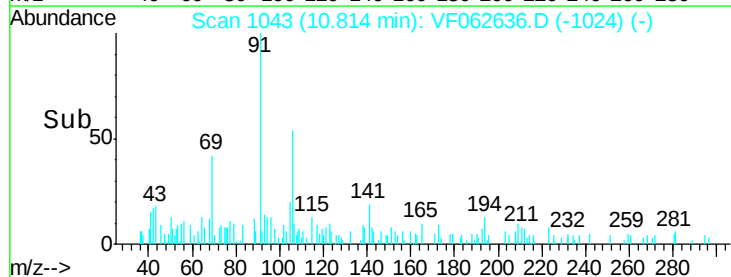
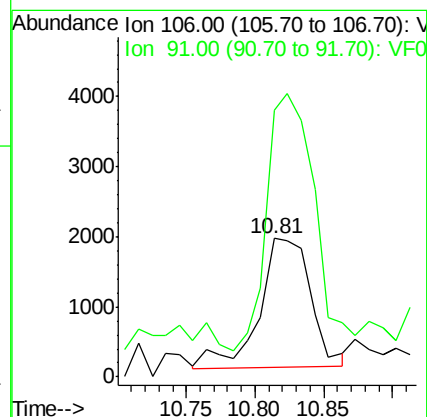
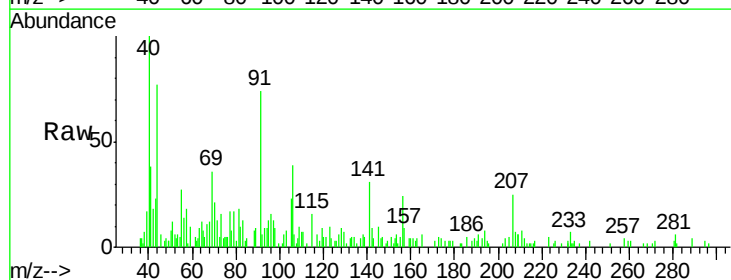
Instrument :
MSVOA_F
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HR-06-051519-A

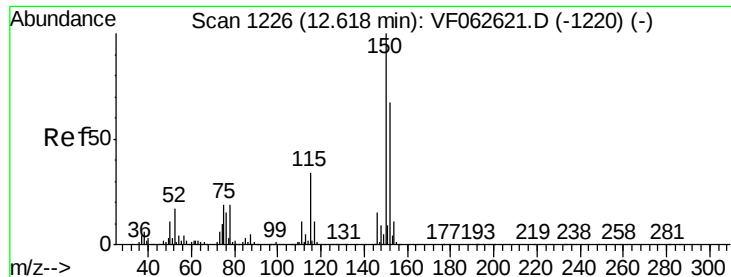
Tot Ion:106 Resp: 10498
Ion Ratio Lower Upper
106 100
91 171.2 136.9 205.3



#69
o-Xylene
Concen: 8.615 ug/l
RT: 10.81 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VF062636.D
Acq: 17 May 2019 13:42

Tgt Ion:106 Resp: 4791
Ion Ratio Lower Upper
106 100
91 192.8 100.2 300.5



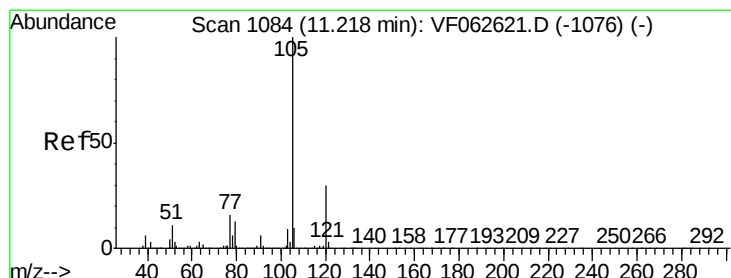
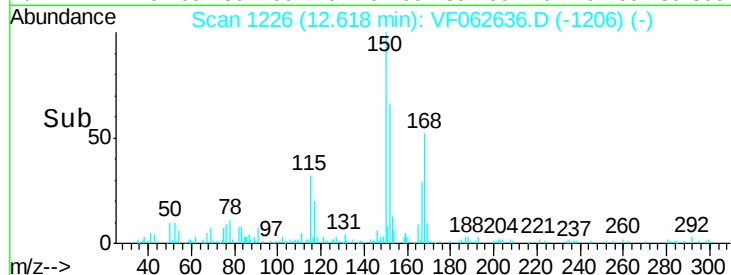
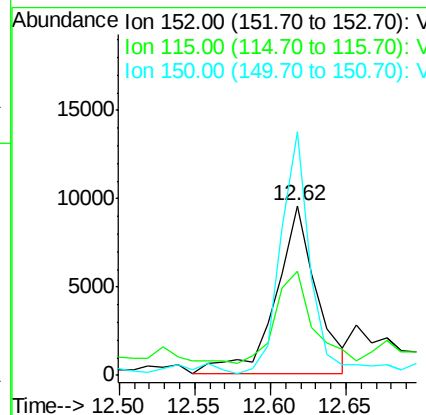
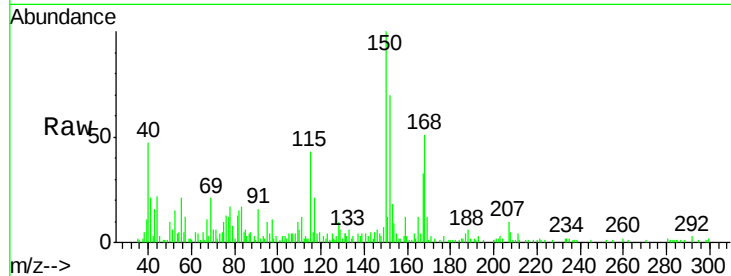


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062636.D
Acq: 17 May 2019 13:42

Instrument :
MSVOA_F
ClientSampleId :
HR-06-051519-A

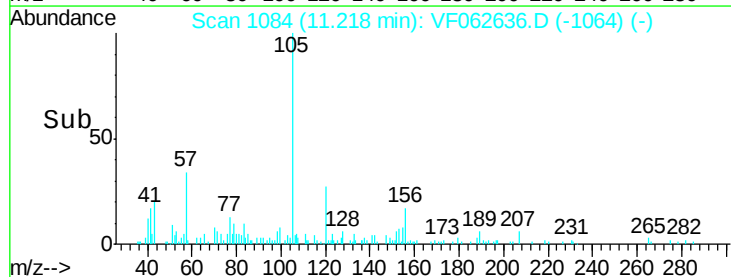
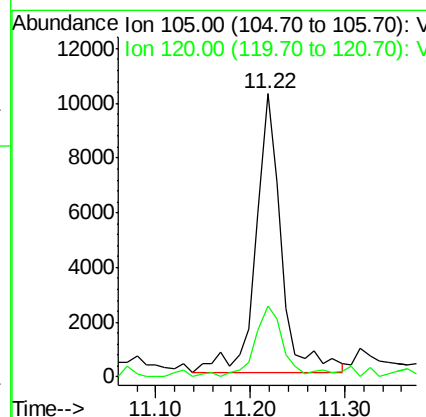
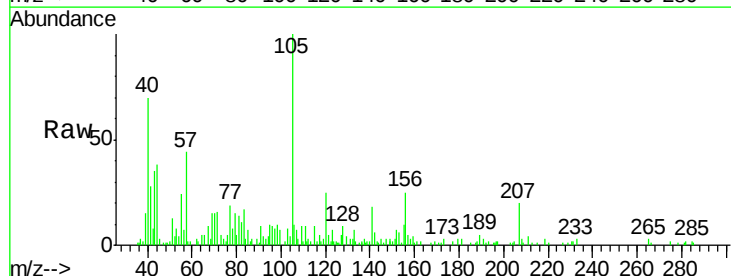
Tot Ion:152 Resp: 17783
Ion Ratio Lower Upper
152 100
115 61.2 25.2 75.6
150 143.6 0.0 306.2

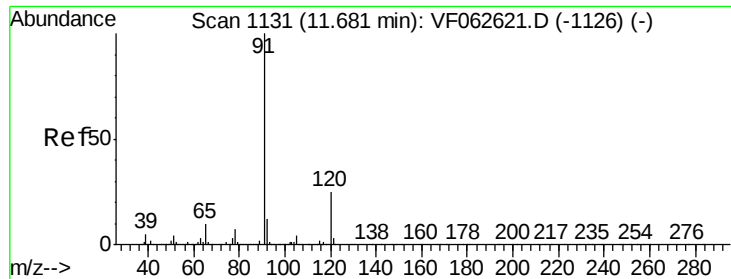


#73

Isopropylbenzene
Concen: 14.894 ug/l
RT: 11.22 min Scan# 1084
Delta R.T. -0.00 min
Lab File: VF062636.D
Acq: 17 May 2019 13:42

Tgt Ion:105 Resp: 18983
Ion Ratio Lower Upper
105 100
120 25.2 14.8 44.4





#78

n-propylbenzene

Concen: 14.969 ug/l

RT: 11.67 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VF062636.D

Acq: 17 May 2019 13:42

Instrument :

MSVOA_F

ClientSampleId :

HR-06-051519-A

Tot Ion: 91 Resp: 22579

Ion Ratio Lower Upper

91 100

120 17.2 12.7 38.1

