

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060376.D
 Acq On : 28 Sep 2018 19:26
 Operator : VA/AP
 Sample : J4777-39
 Misc : 6.74/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-092718-D

Quant Time: Sep 29 01:05:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

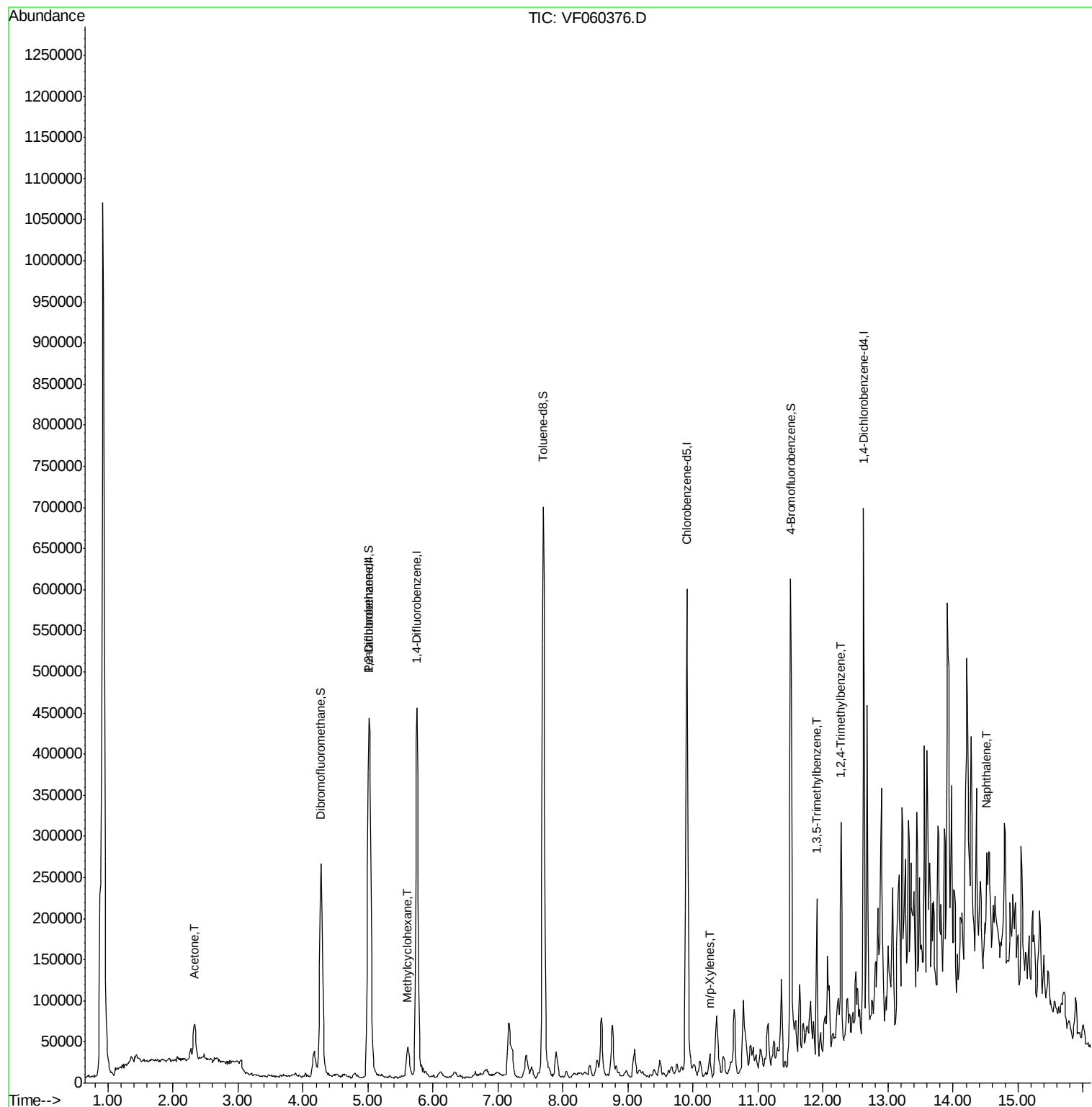
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	288827	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	488115	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	379525	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	153744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	238477	61.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.64%	
35) Dibromofluoromethane	4.27	113	255481	58.72	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	117.44%	
50) Toluene-d8	7.69	98	546596	48.24	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.50	95	204931	41.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.68%	
Target Compounds						
16) Acetone	2.32	43	63348	57.838	ug/l	97
39) Methylcyclohexane	5.61	83	25675	3.891	ug/l	95
68) m/p-Xylenes	10.26	106	8772	1.596	ug/l	98
80) 1,3,5-Trimethylbenzene	11.90	105	79341	7.141	ug/l	90
84) 1,2,4-Trimethylbenzene	12.28	105	83127	7.368	ug/l	93
95) Naphthalene	14.51	128	37935	5.614	ug/l #	89

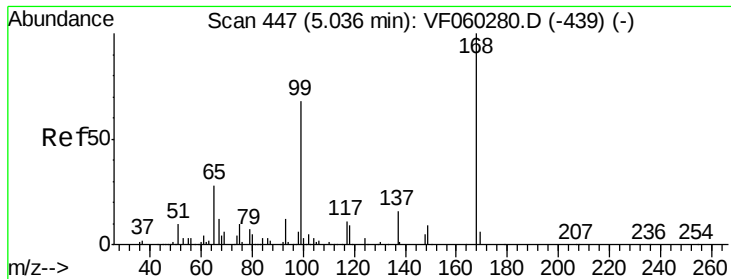
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.01 min

Lab File: VF060376.D

Acq: 28 Sep 2018 19:26

Instrument :

MSVOA_F

ClientSampleId :

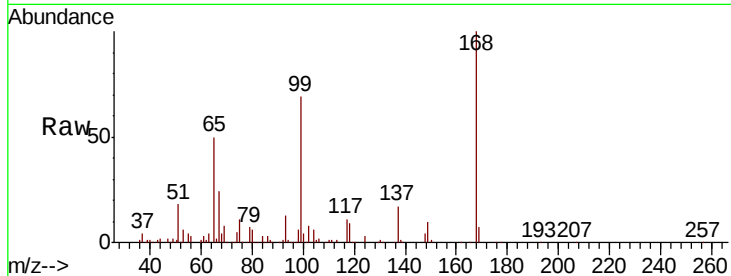
PL-01-092718-D

Tot Ion:168 Resp: 288827

Ion Ratio Lower Upper

168 100

99 68.9 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

100000

80000

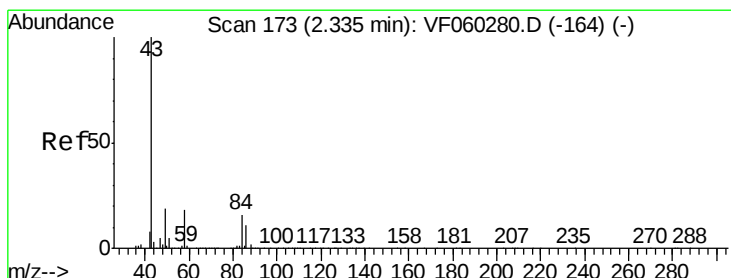
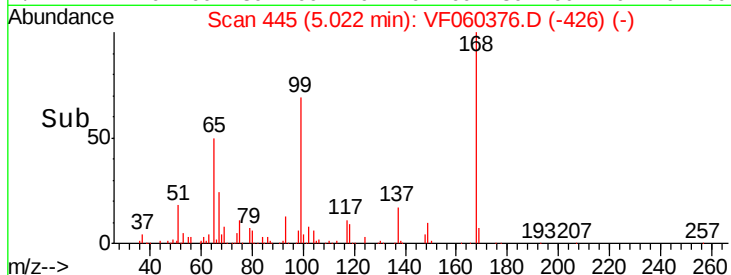
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 57.838 ug/l

RT: 2.32 min Scan# 171

Delta R.T. -0.01 min

Lab File: VF060376.D

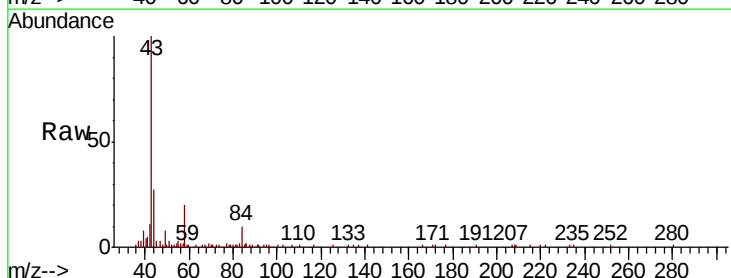
Acq: 28 Sep 2018 19:26

Tgt Ion: 43 Resp: 63348

Ion Ratio Lower Upper

43 100

58 19.6 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

30000

25000

20000

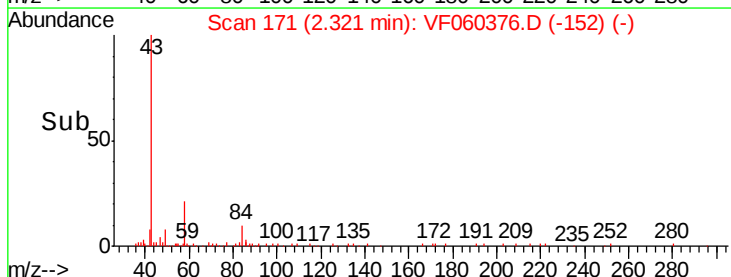
15000

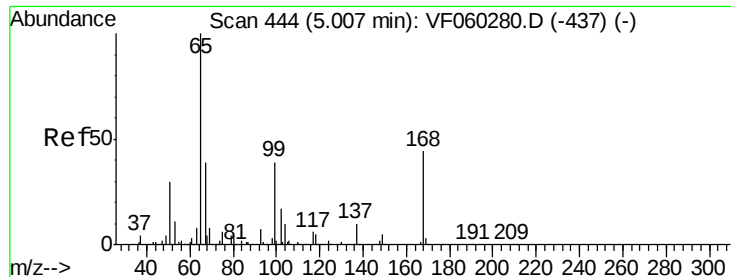
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 61.319 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.00 min

Lab File: VF060376.D

Acq: 28 Sep 2018 19:26

Instrument :

MSVOA_F

ClientSampleId :

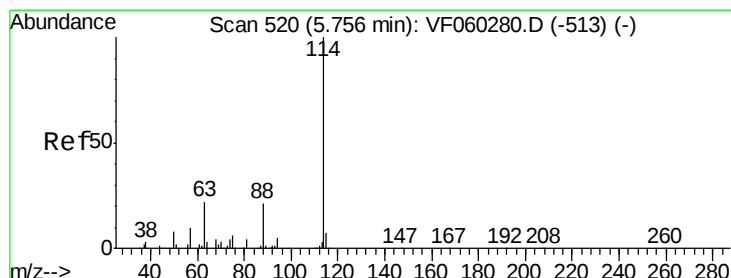
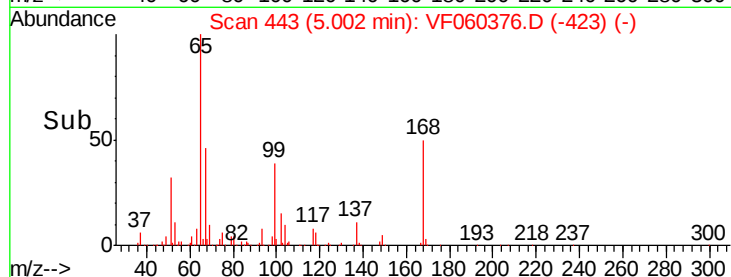
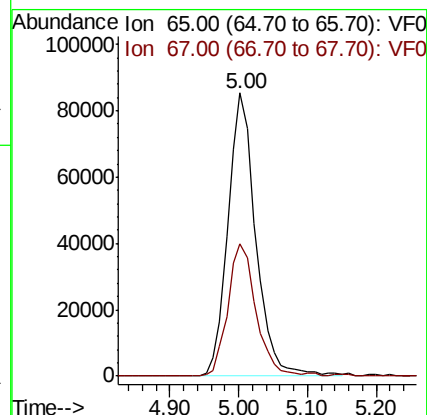
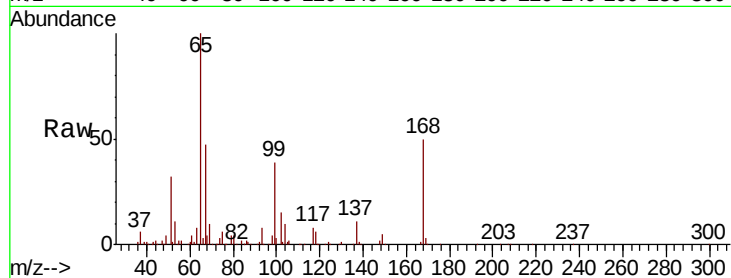
PL-01-092718-D

Tot Ion: 65 Resp: 238477

Ion Ratio Lower Upper

65 100

67 46.6 0.0 94.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. -0.00 min

Lab File: VF060376.D

Acq: 28 Sep 2018 19:26

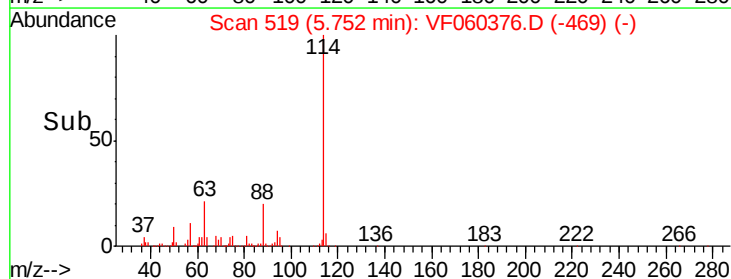
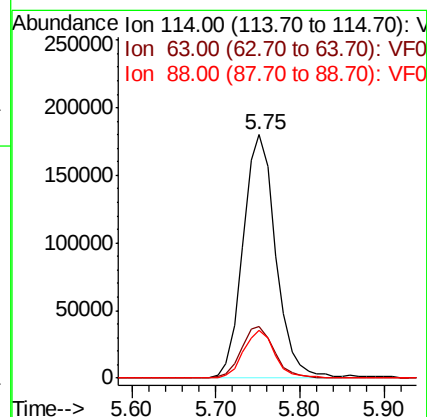
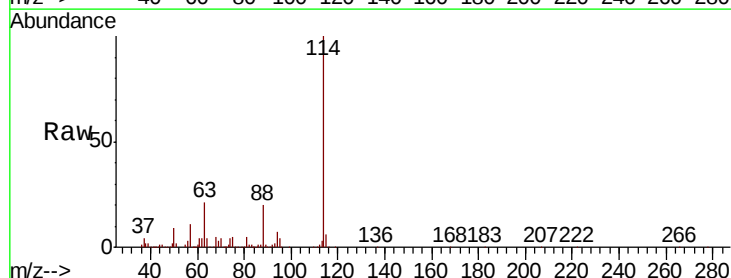
Tgt Ion: 114 Resp: 488115

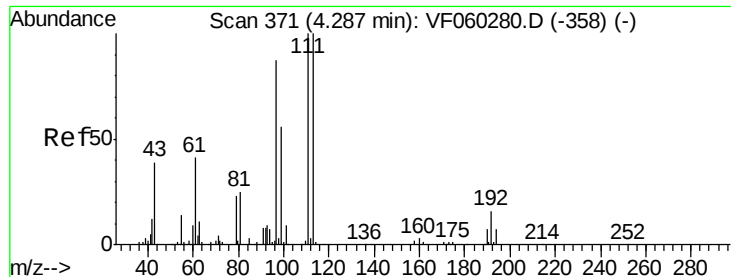
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.8

88 19.6 0.0 41.2





#35

Dibromofluoromethane

Concen: 58.715 ug/l

RT: 4.27 min Scan# 369

Delta R.T. -0.01 min

Lab File: VF060376.D

Acq: 28 Sep 2018 19:26

Instrument :

MSVOA_F

ClientSampleId :

PL-01-092718-D

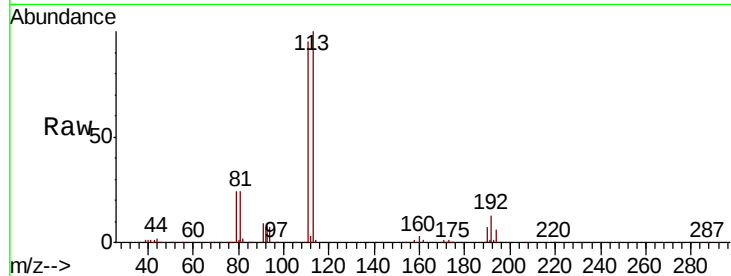
Tot Ion:113 Resp: 255481

Ion Ratio Lower Upper

113 100

111 94.8 79.6 119.4

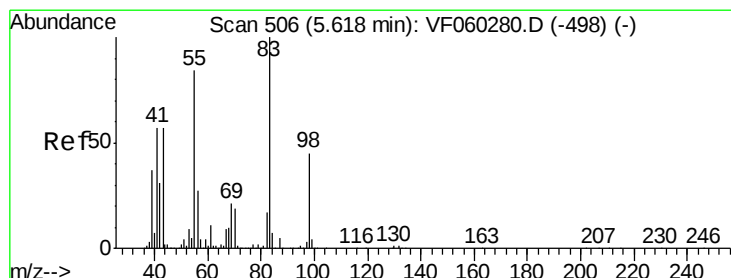
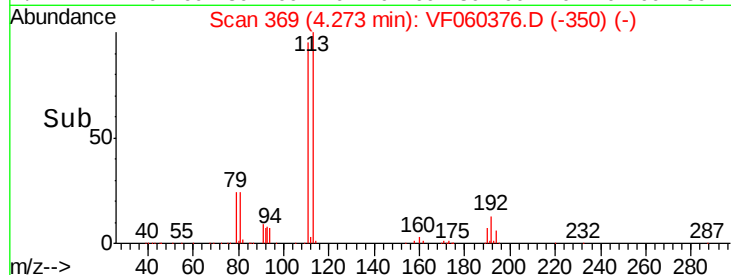
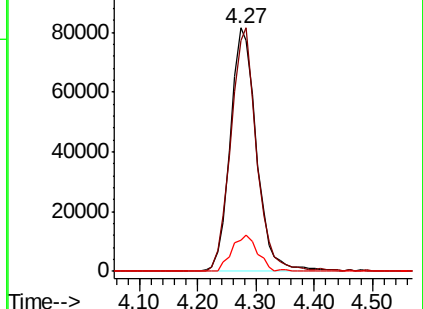
192 12.8 13.0 19.6#



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



#39

Methylcyclohexane

Concen: 3.891 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.00 min

Lab File: VF060376.D

Acq: 28 Sep 2018 19:26

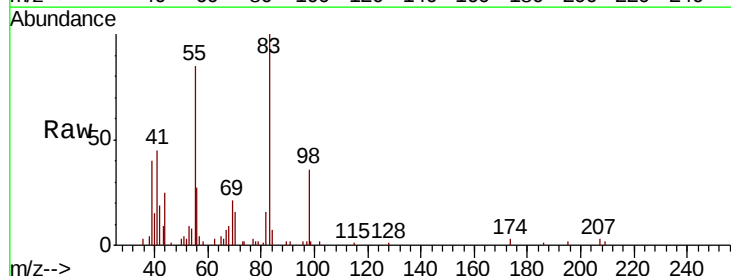
Tgt Ion: 83 Resp: 25675

Ion Ratio Lower Upper

83 100

55 85.1 67.3 100.9

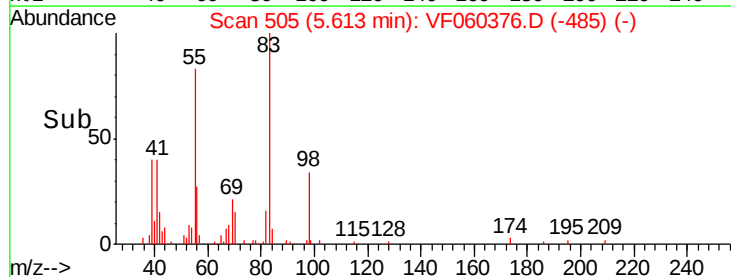
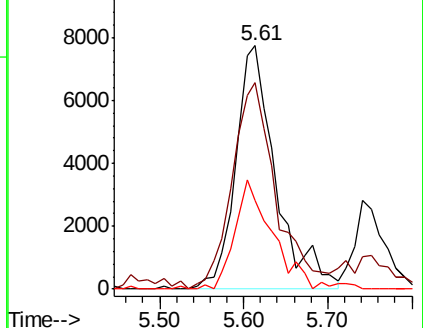
98 36.4 36.1 54.1

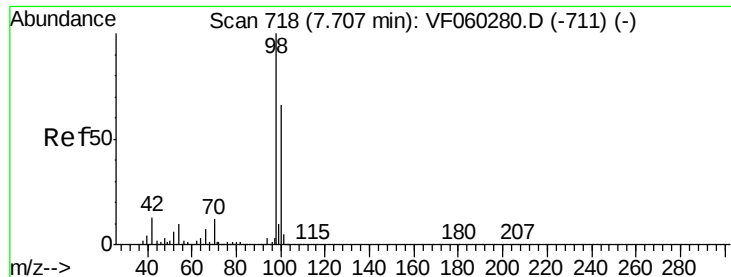


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

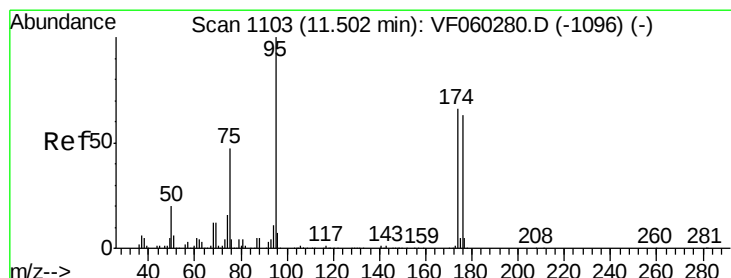
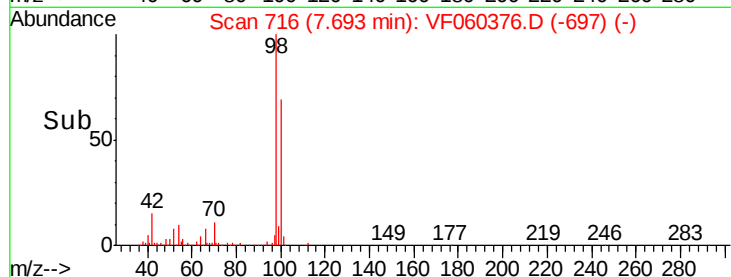
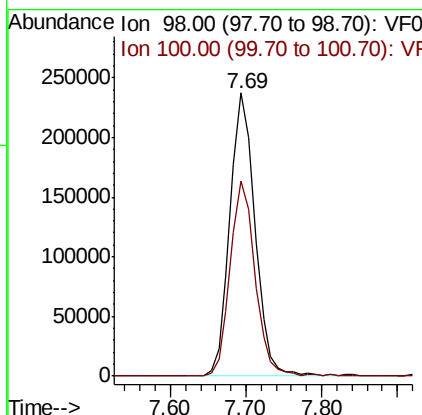
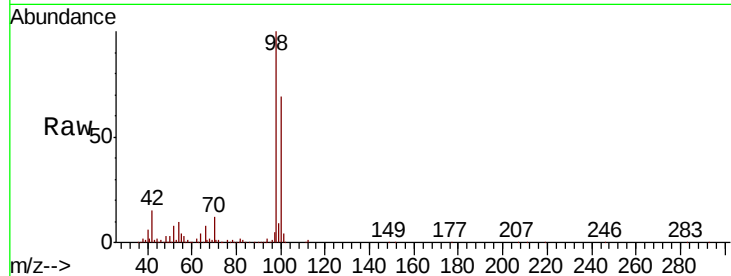




#50
Toluene-d8
Concen: 48.237 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.01 min
Lab File: VF060376.D
Acq: 28 Sep 2018 19:26

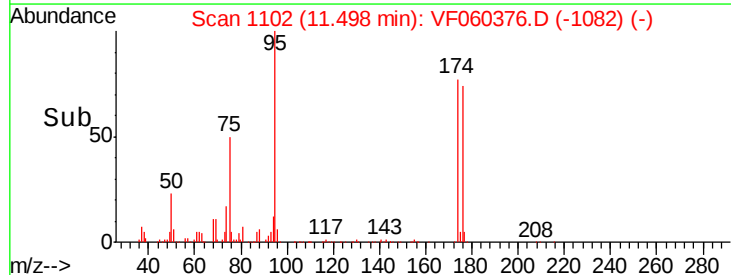
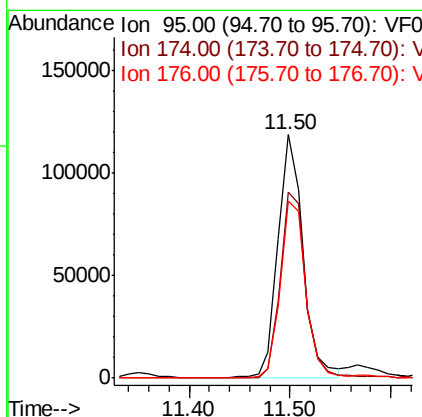
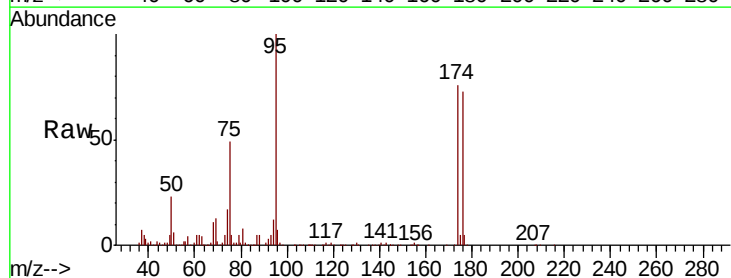
Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-D

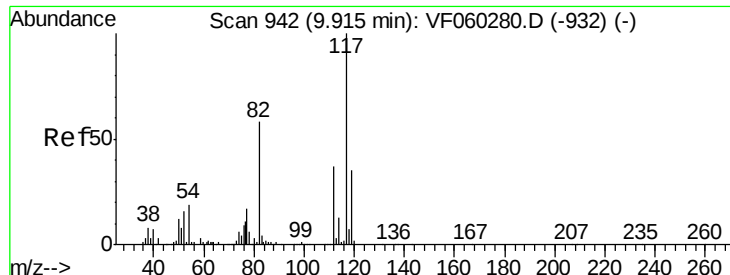
Tot Ion: 98 Resp: 546596
Ion Ratio Lower Upper
98 100
100 68.9 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 41.838 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VF060376.D
Acq: 28 Sep 2018 19:26

Tgt Ion: 95 Resp: 204931
Ion Ratio Lower Upper
95 100
174 76.2 0.0 131.2
176 72.9 0.0 126.6

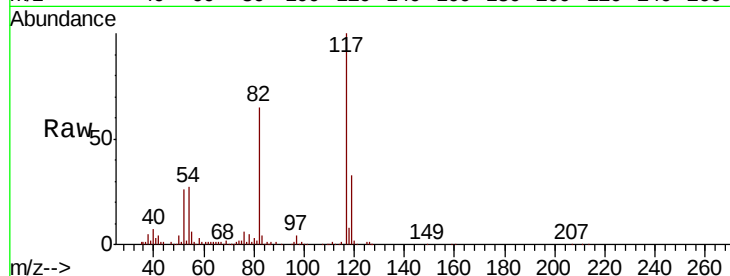




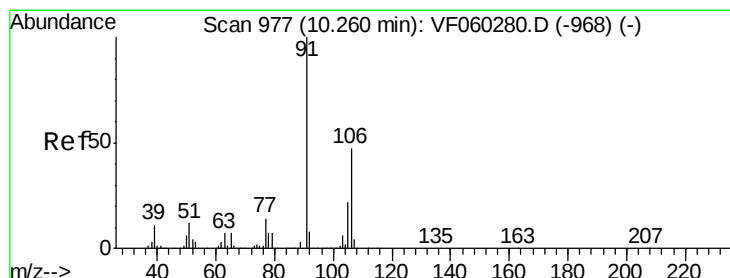
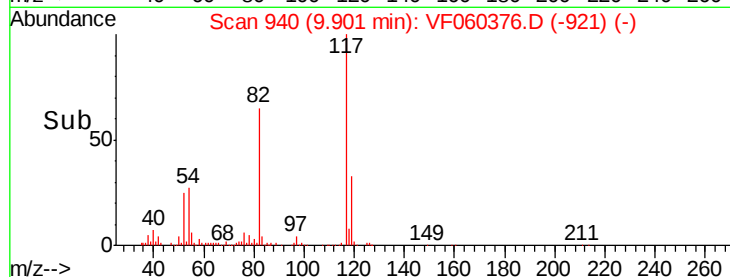
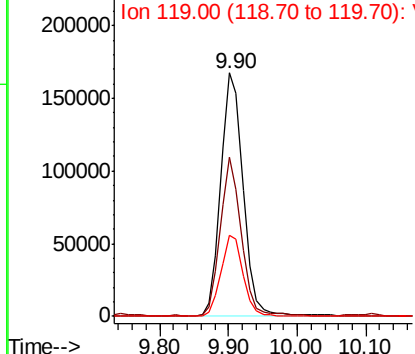
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.01 min
Lab File: VF060376.D
Acq: 28 Sep 2018 19:26

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-D

Tot Ion:117 Resp: 379525
Ion Ratio Lower Upper
117 100
82 65.2 46.2 69.2
119 33.3 27.8 41.6

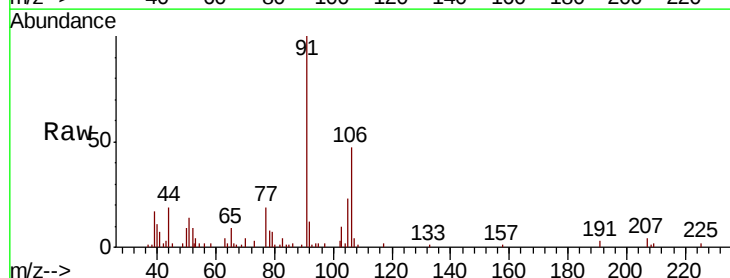


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

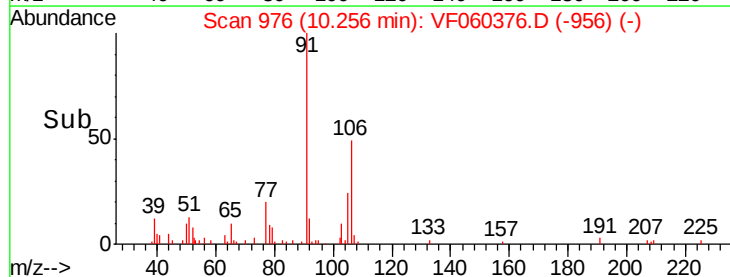
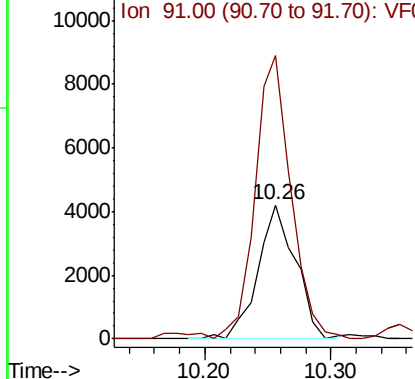


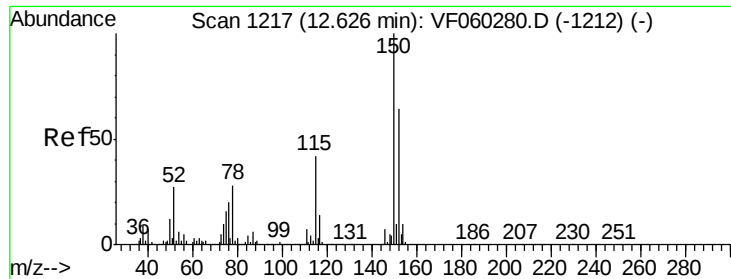
#68
m/p-Xylenes
Concen: 1.596 ug/l
RT: 10.26 min Scan# 976
Delta R.T. -0.00 min
Lab File: VF060376.D
Acq: 28 Sep 2018 19:26

Tgt Ion:106 Resp: 8772
Ion Ratio Lower Upper
106 100
91 211.8 172.3 258.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0



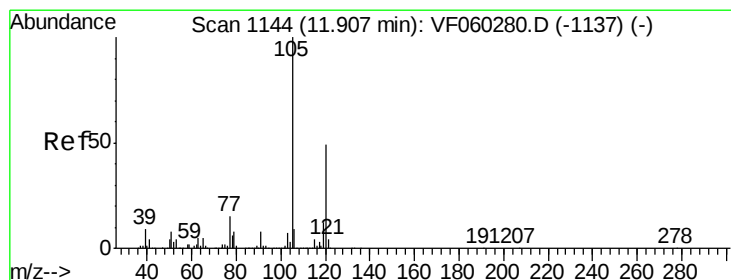
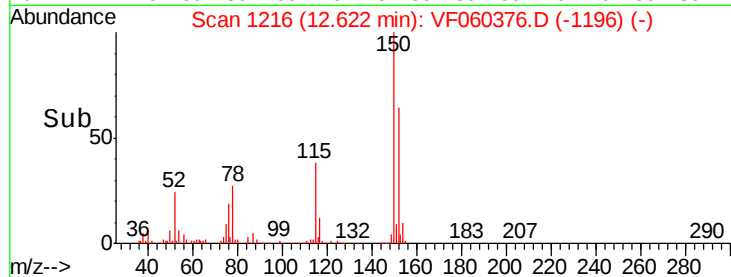
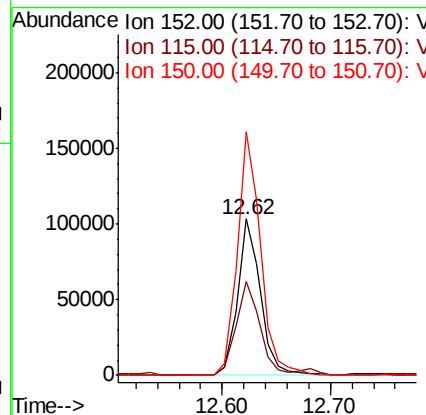
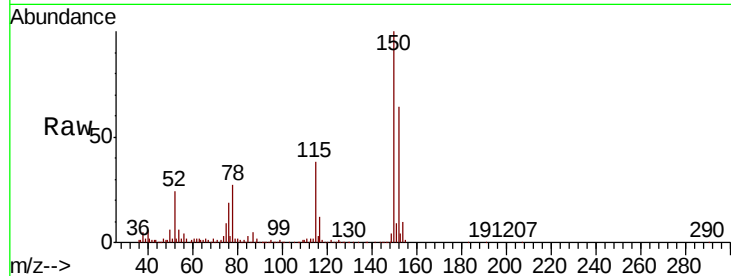


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060376.D
Acq: 28 Sep 2018 19:26

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-D

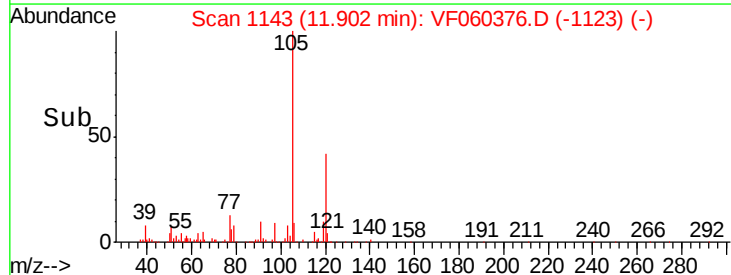
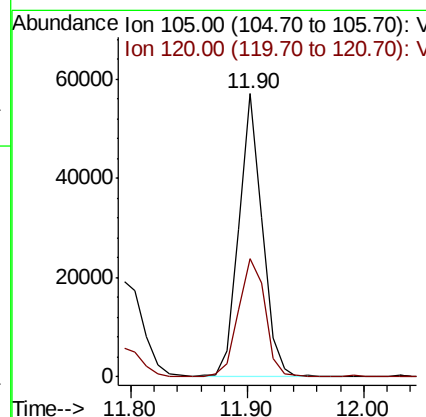
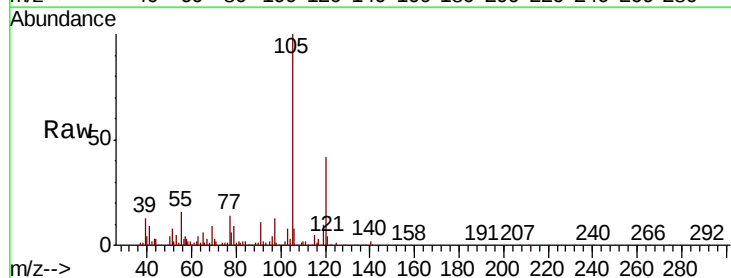
Tot Ion	Ratio	Lower	Upper
152	100		
115	59.9	32.6	97.8
150	155.9	0.0	314.2

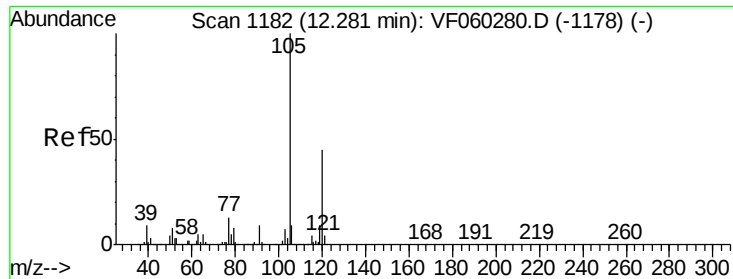


#80

1,3,5-Trimethylbenzene
Concen: 7.141 ug/l
RT: 11.90 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VF060376.D
Acq: 28 Sep 2018 19:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.9	24.4	73.2

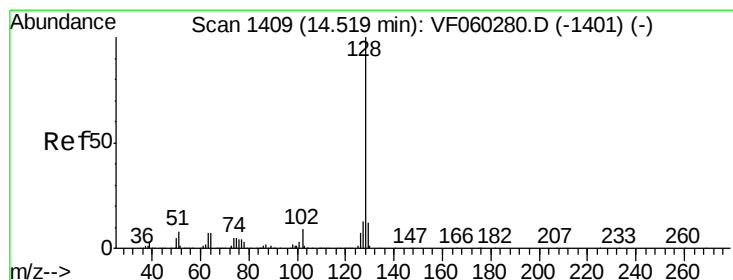
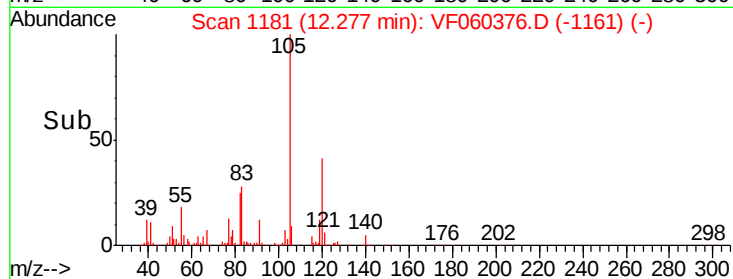
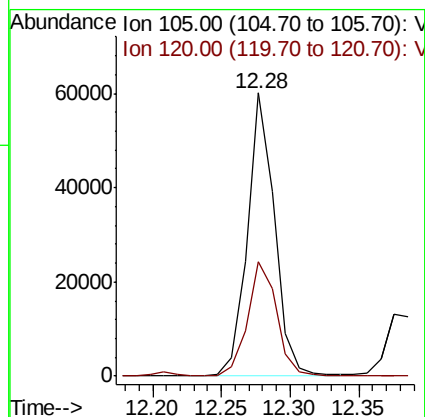
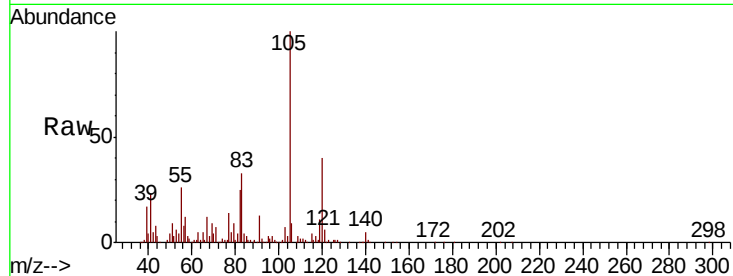




#84
 1,2,4-Trimethylbenzene
 Concen: 7.368 ug/l
 RT: 12.28 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VF060376.D
 Acq: 28 Sep 2018 19:26

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-092718-D

Tot Ion:105 Resp: 83127
 Ion Ratio Lower Upper
 105 100
 120 40.3 22.4 67.0



#95
 Naphthalene
 Concen: 5.614 ug/l
 RT: 14.51 min Scan# 1408
 Delta R.T. -0.00 min
 Lab File: VF060376.D
 Acq: 28 Sep 2018 19:26

Tgt Ion:128 Resp: 37935
 Ion Ratio Lower Upper
 128 100
 127 16.6 10.1 15.1#
 129 17.2 9.8 14.8#

