

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
 Data File : VF060735.D
 Acq On : 14 Nov 2018 20:20
 Operator : VA/AP
 Sample : J5915-04
 Misc : 5.07g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T-4

Quant Time: Nov 15 08:14:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

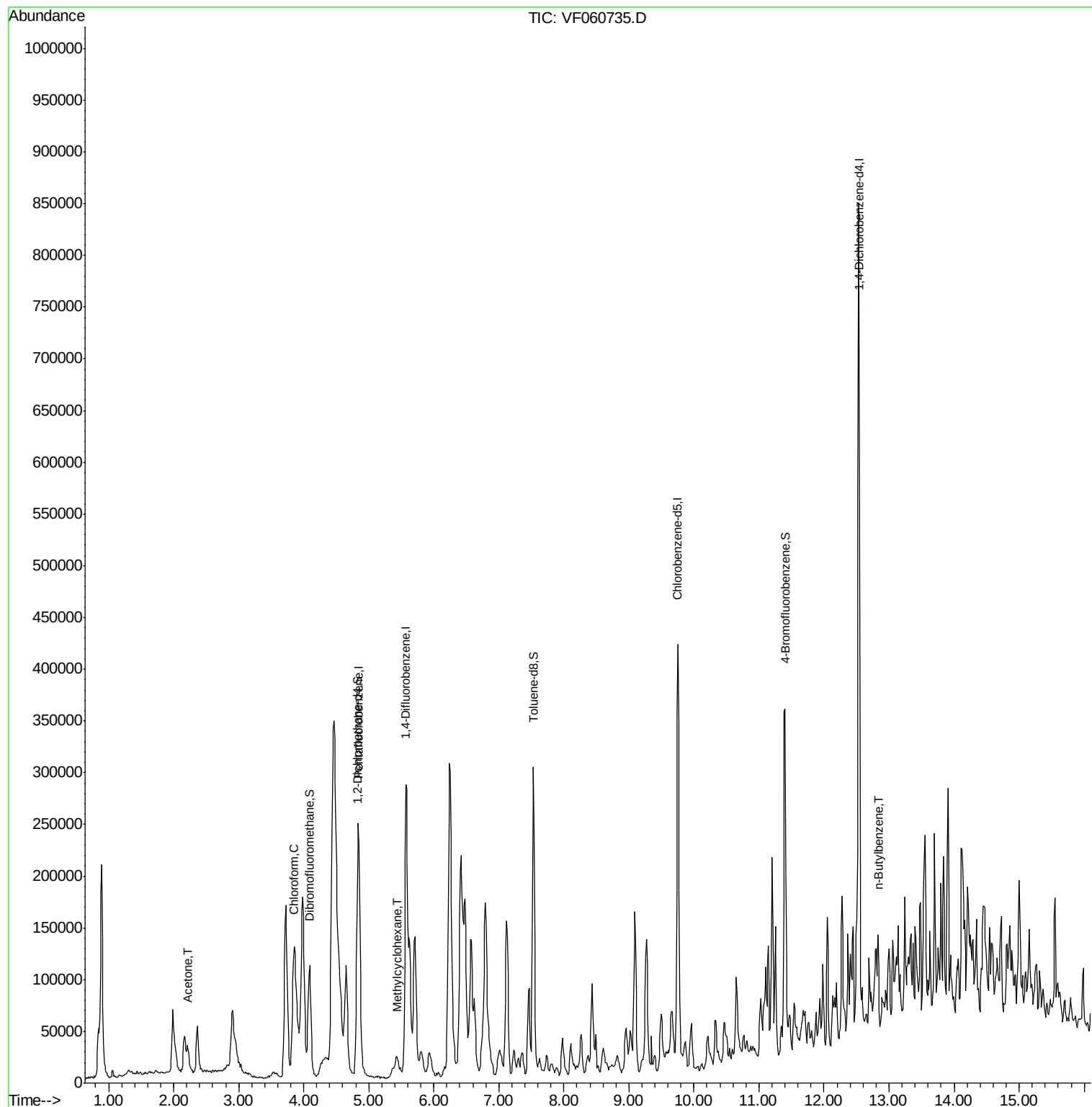
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	192717	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	337496	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.75	117	290366	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	171218	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	85328	38.82	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	77.64%	
35) Dibromofluoromethane	4.09	113	99503	39.22	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	78.44%	
50) Toluene-d8	7.53	98	244930	36.64	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	73.28%	
62) 4-Bromofluorobenzene	11.39	95	127749	41.90	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.80%	
Target Compounds						
16) Acetone	2.23	43	22064	46.96	ug/l #	88
30) Chloroform	3.83	83	19043	3.69	ug/l	97
39) Methylcyclohexane	5.43	83	13279	2.92	ug/l #	59
89) n-Butylbenzene	12.83	91	31932	2.38	ug/l	95

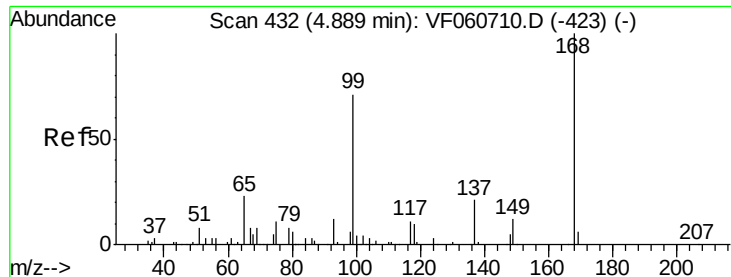
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
Data File : VF060735.D
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MSVOA_F
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T-4

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF060735.D

Acq: 14 Nov 2018 20:20

Instrument :

MSVOA_F

ClientSampled :

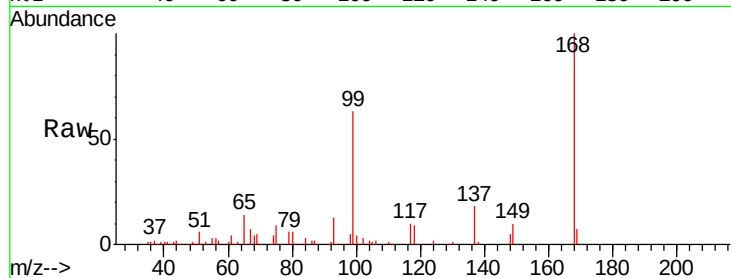
T-4

Tgt Ion:168 Resp: 192717

Ion Ratio Lower Upper

168 100

99 63.2 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

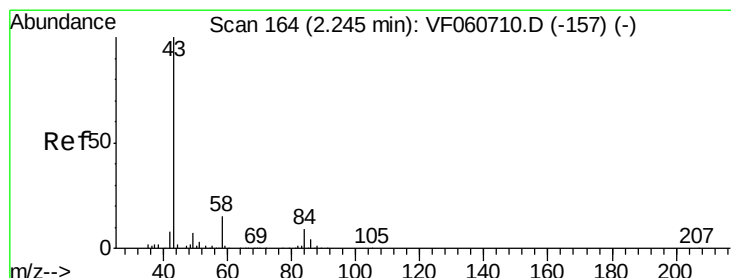
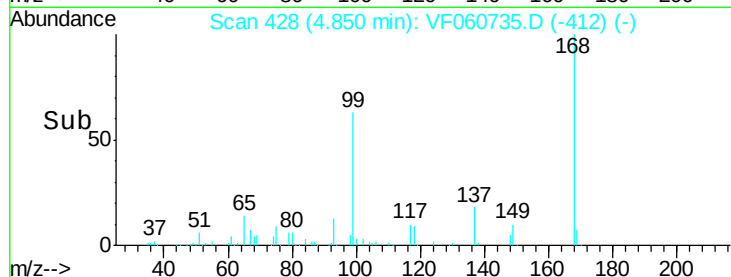
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 46.96 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF060735.D

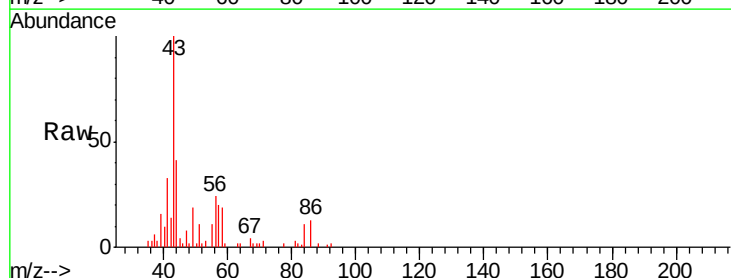
Acq: 14 Nov 2018 20:20

Tgt Ion: 43 Resp: 22064

Ion Ratio Lower Upper

43 100

58 19.4 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

12000

10000

8000

6000

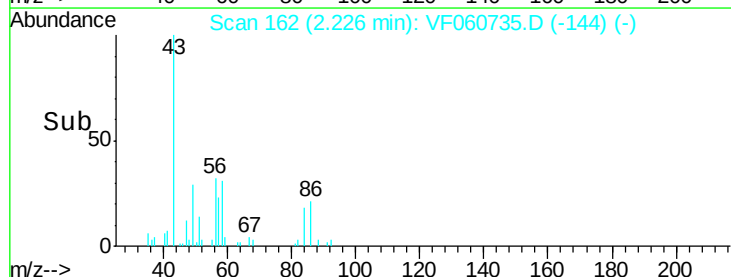
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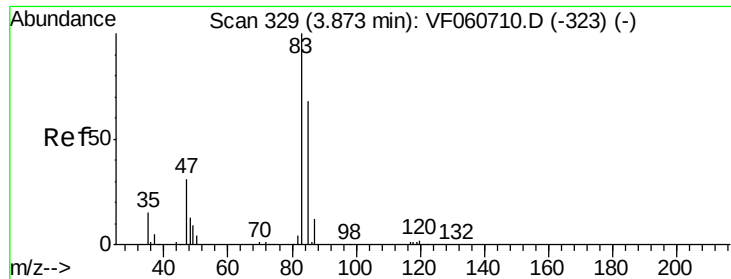
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0

Time-->

2.10 2.20 2.30

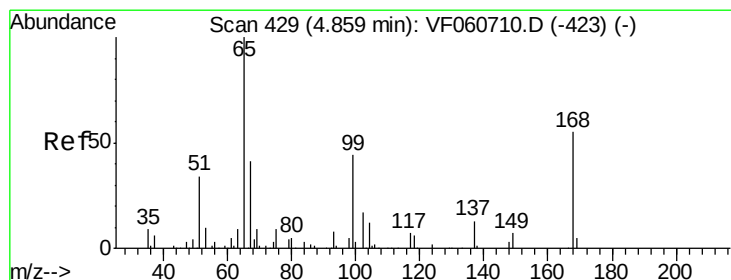
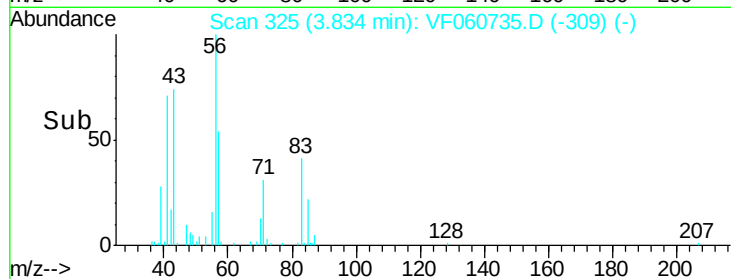
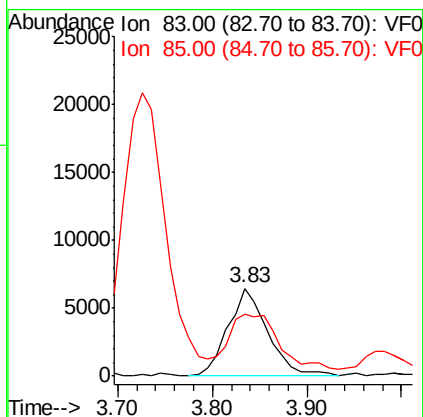
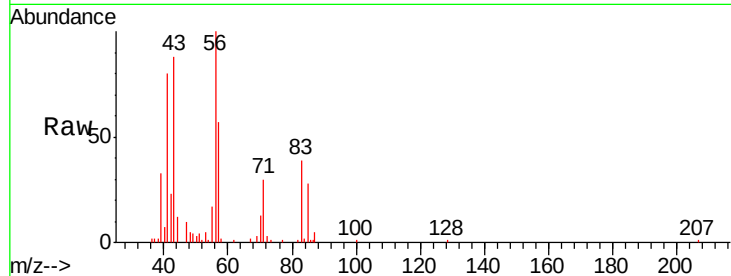




#30
Chloroform
Concen: 3.69 ug/l
RT: 3.83 min Scan# 325
Delta R.T. -0.04 min
Lab File: VF060735.D
Acq: 14 Nov 2018 20:20

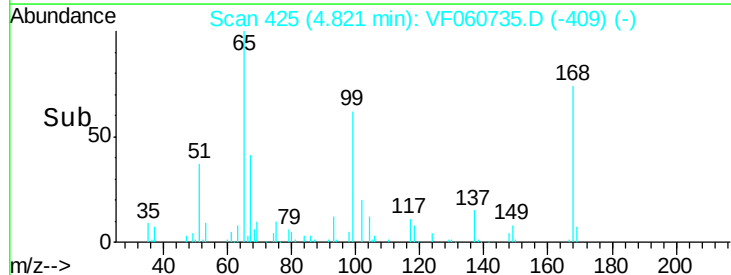
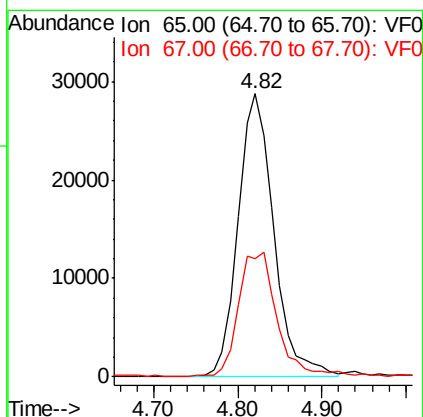
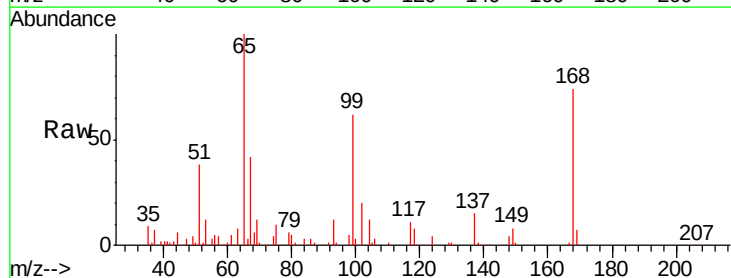
Instrument :
MSVOA_F
ClientSampled :
T-4

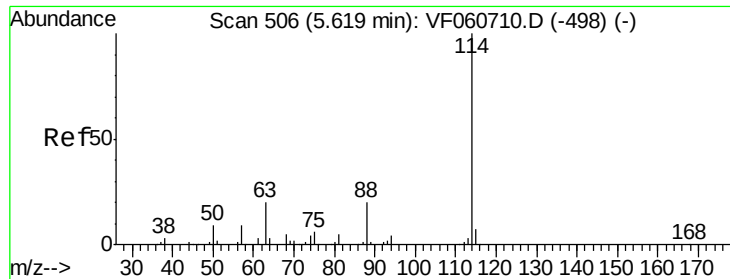
Tgt Ion: 83 Resp: 19043
Ion Ratio Lower Upper
83 100
85 70.4 54.6 82.0



#33
1,2-Dichloroethane-d4
Concen: 38.82 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF060735.D
Acq: 14 Nov 2018 20:20

Tgt Ion: 65 Resp: 85328
Ion Ratio Lower Upper
65 100
67 41.8 0.0 90.2

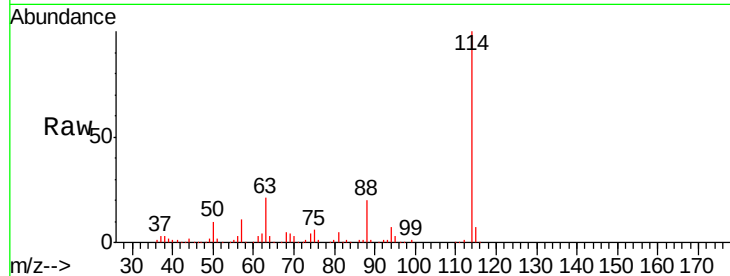




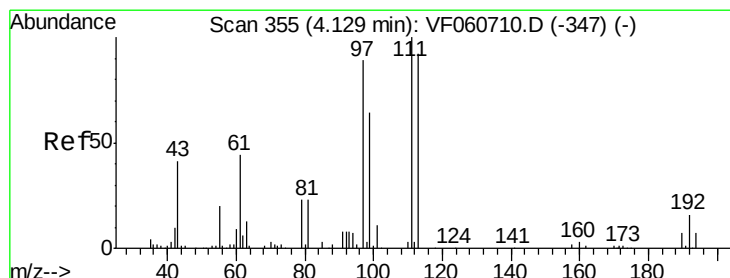
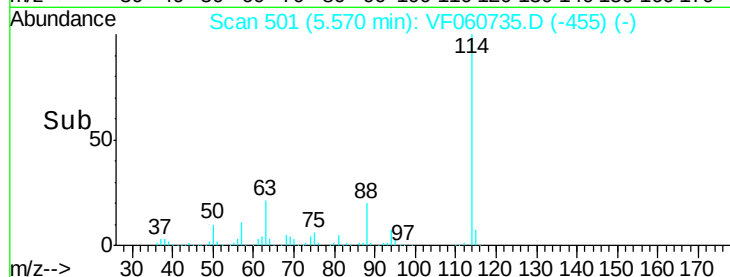
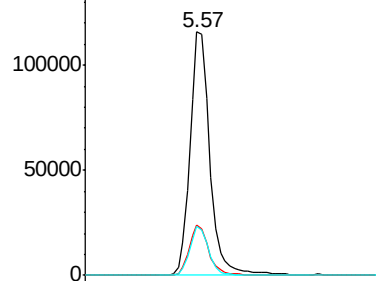
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.57 min Scan# 501
 Delta R.T. -0.05 min
 Lab File: VF060735.D
 Acq: 14 Nov 2018 20:20

Instrument :
 MSVOA_F
 ClientSampleId :
 T-4

Tgt Ion:114 Resp: 337496
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 20.3 0.0 39.6

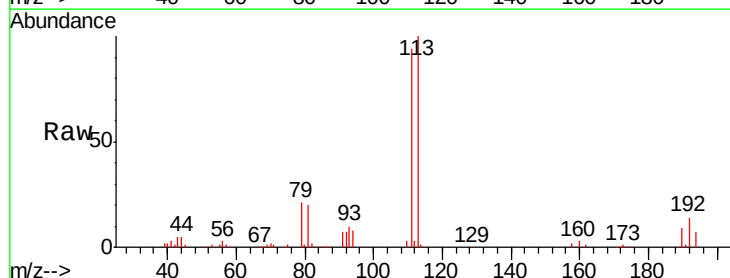


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

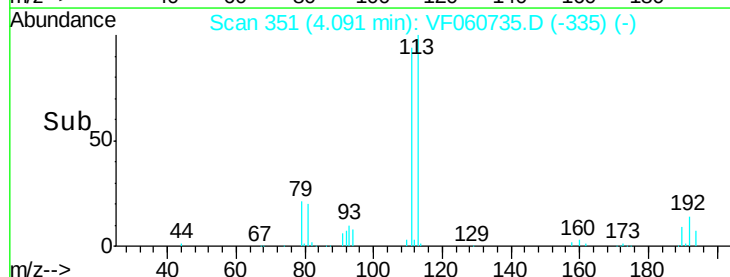
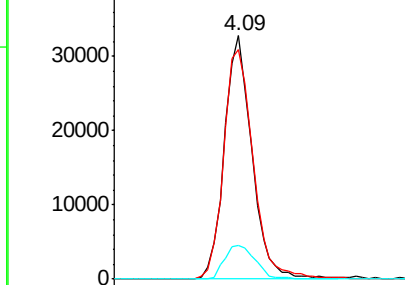


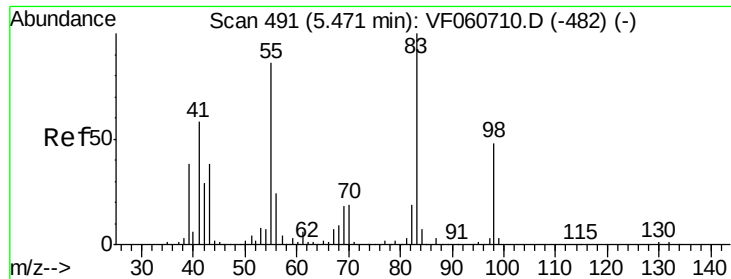
#35
 Dibromofluoromethane
 Concen: 39.22 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.04 min
 Lab File: VF060735.D
 Acq: 14 Nov 2018 20:20

Tgt Ion:113 Resp: 99503
 Ion Ratio Lower Upper
 113 100
 111 94.3 87.1 130.7
 192 14.0 13.8 20.6



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

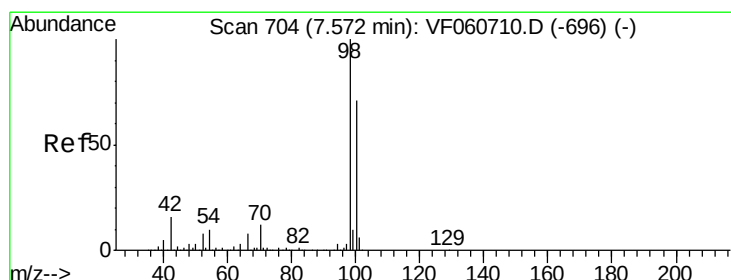
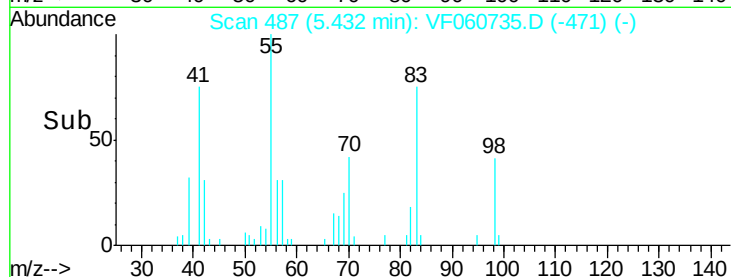
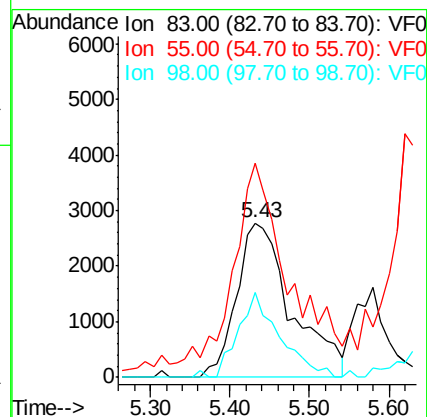
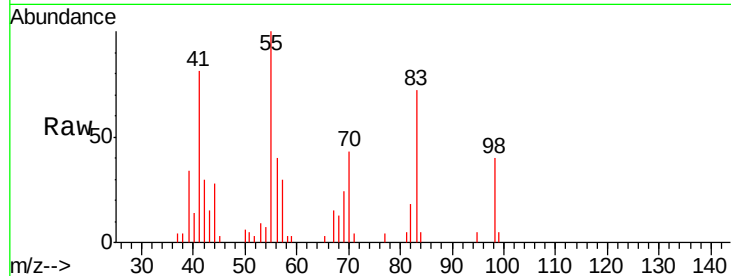




#39
Methylcyclohexane
Concen: 2.92 ug/l
RT: 5.43 min Scan# 487
Delta R.T. -0.04 min
Lab File: VF060735.D
Acq: 14 Nov 2018 20:20

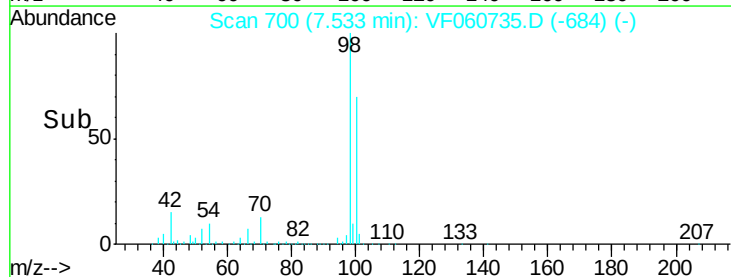
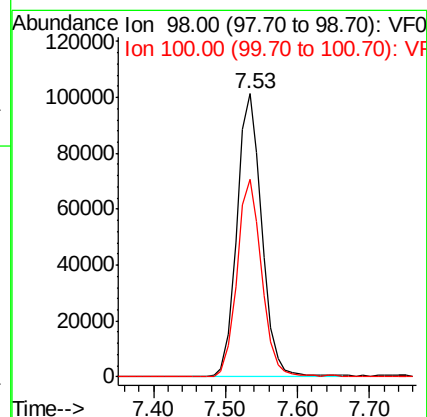
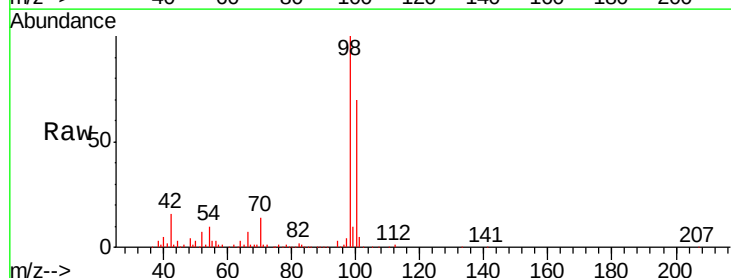
Instrument :
MSVOA_F
ClientSampleId :
T-4

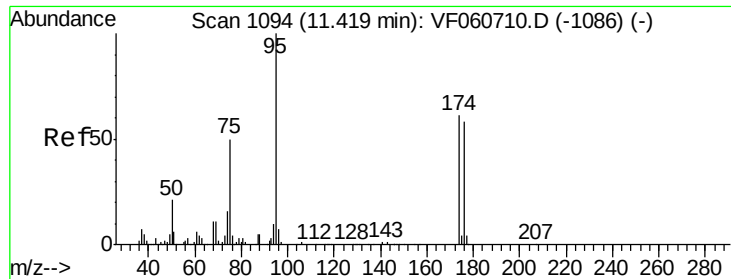
Tgt Ion: 83 Resp: 13279
Ion Ratio Lower Upper
83 100
55 138.8 69.0 103.4#
98 55.4 38.5 57.7



#50
Toluene-d8
Concen: 36.64 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.04 min
Lab File: VF060735.D
Acq: 14 Nov 2018 20:20

Tgt Ion: 98 Resp: 244930
Ion Ratio Lower Upper
98 100
100 70.0 56.5 84.7

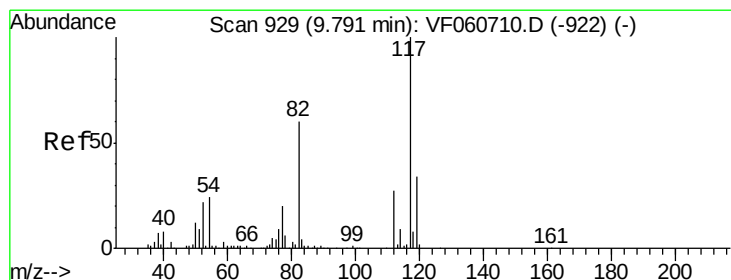
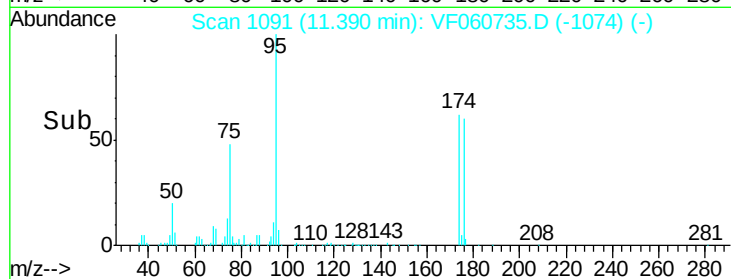
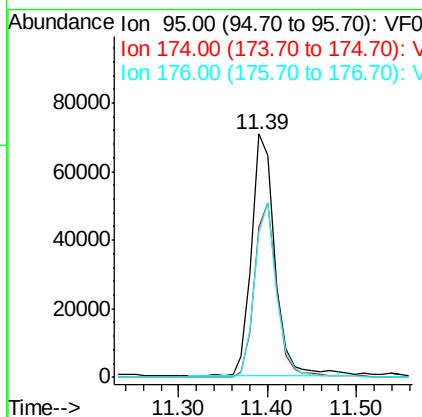
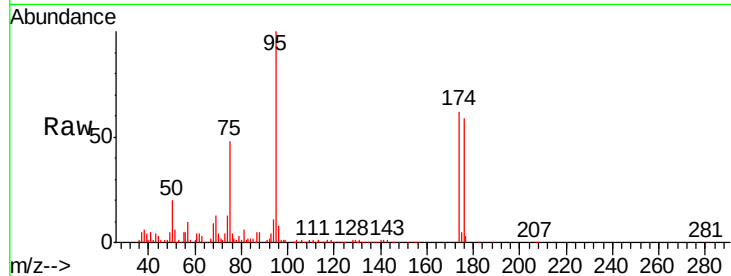




#62
4-Bromofluorobenzene
Concen: 41.90 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.03 min
Lab File: VF060735.D
Acq: 14 Nov 2018 20:20

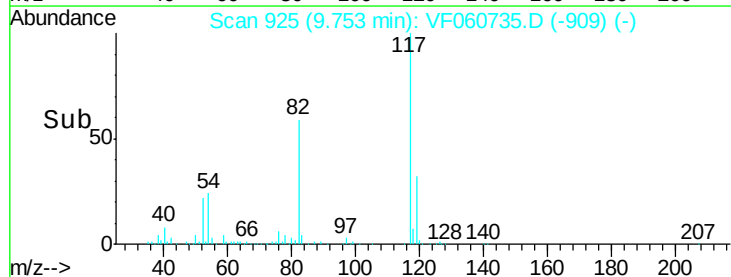
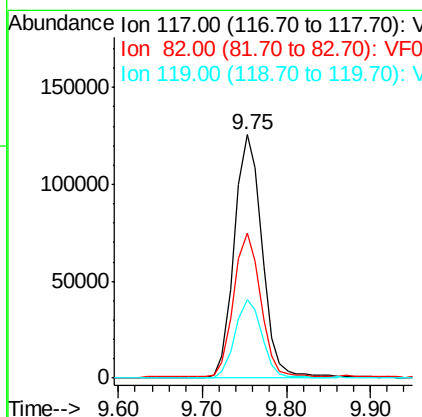
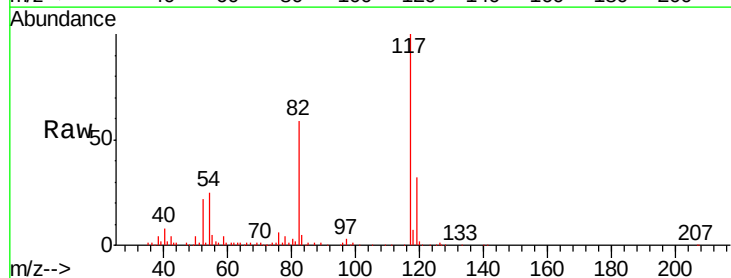
Instrument :
MSVOA_F
ClientSampled :
T-4

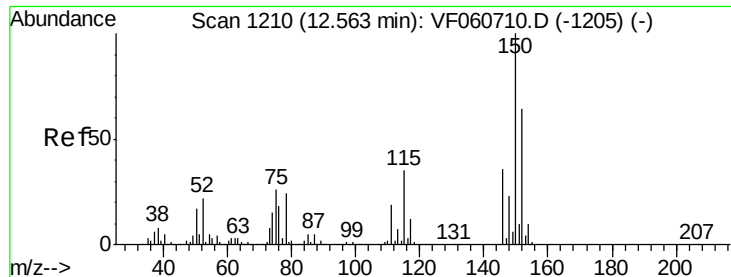
Tgt Ion: 95 Resp: 127749
Ion Ratio Lower Upper
95 100
174 61.6 0.0 121.6
176 59.5 0.0 115.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF060735.D
Acq: 14 Nov 2018 20:20

Tgt Ion: 117 Resp: 290366
Ion Ratio Lower Upper
117 100
82 59.4 47.9 71.9
119 32.5 26.8 40.2



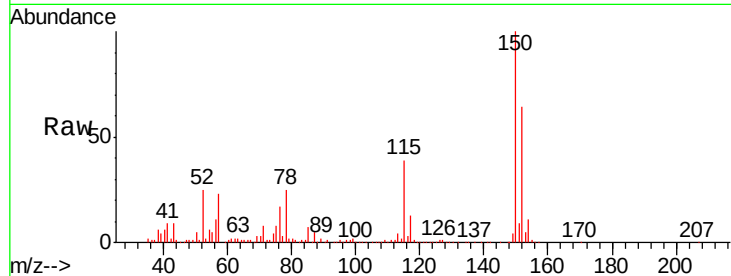


#72

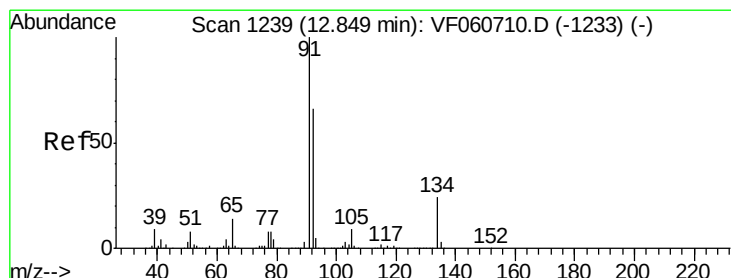
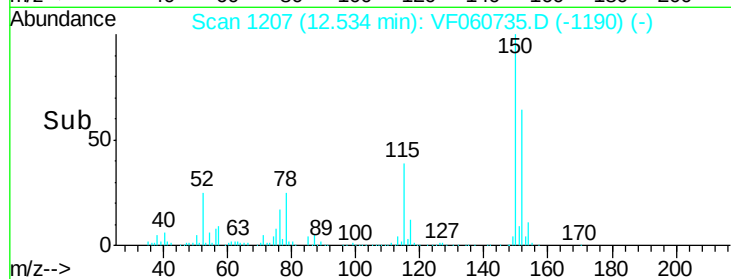
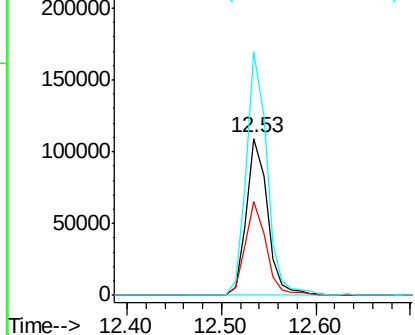
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.03 min
Lab File: VF060735.D
Acq: 14 Nov 2018 20:20

Instrument :
MSVOA_F
ClientSampled :
T-4

Tgt Ion:152 Resp: 171218
Ion Ratio Lower Upper
152 100
115 60.3 27.9 83.7
150 155.5 0.0 316.4



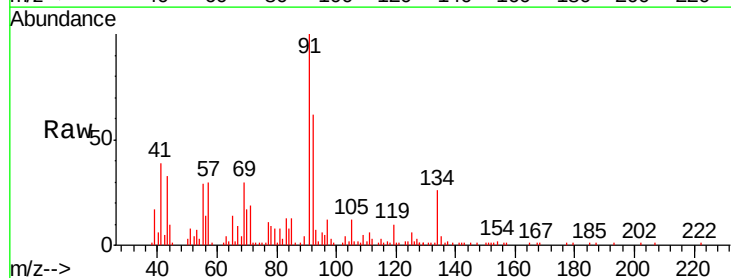
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



#89

n-Butylbenzene
Concen: 2.38 ug/l
RT: 12.83 min Scan# 1237
Delta R.T. -0.02 min
Lab File: VF060735.D
Acq: 14 Nov 2018 20:20

Tgt Ion: 91 Resp: 31932
Ion Ratio Lower Upper
91 100
92 61.6 33.1 99.2
134 26.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 92.00 (91.70 to 92.70): VF0
Ion 134.00 (133.70 to 134.70): V

