

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
 Data File : VF060732.D
 Acq On : 14 Nov 2018 18:56
 Operator : VA/AP
 Sample : J5925-09
 Misc : 7.75g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5S1

Manual Integrations
 APPROVED

MMDadoda
 11/15/2018 1:30:46 PM

Quant Time: Nov 15 07:30:30 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	4.84	168	246010	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.57	114	429708	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.76	117	378471	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	193903	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	120179	42.83	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	85.66%	
35) Dibromofluoromethane	4.08	113	142112	44.00	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	88.00%	
50) Toluene-d8	7.54	98	341400	40.49	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	80.98%	
62) 4-Bromofluorobenzene	11.39	95	164630	42.46	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.92%	
Target Compounds						
16) Acetone	2.22	43	31020	51.72	ug/l	98
20) Methylene Chloride	2.17	84	19772m	7.49	ug/l	
30) Chloroform	3.84	83	13693	2.08	ug/l	91
95) Naphthalene	14.44	128	8058	1.01	ug/l #	95

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

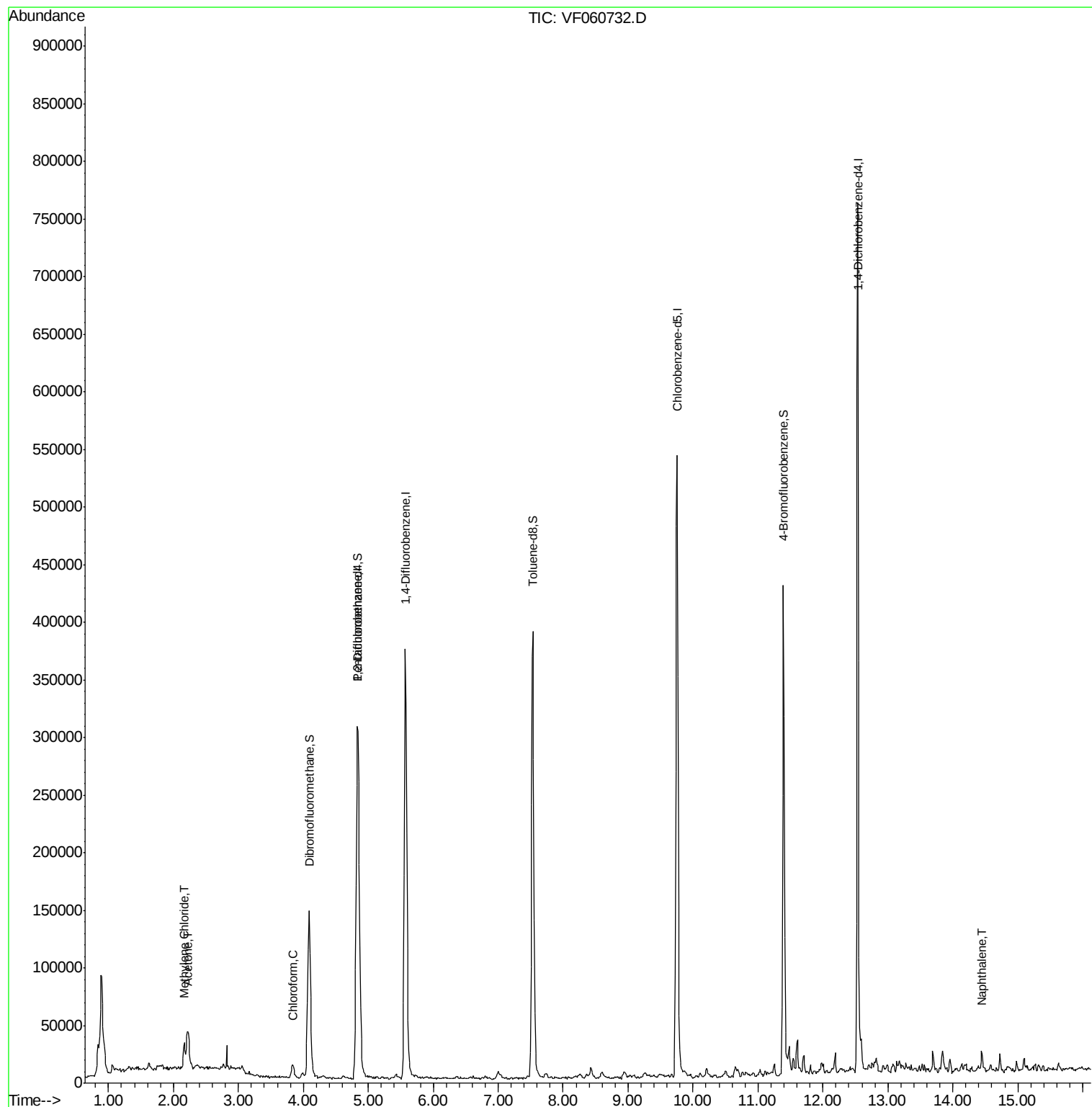
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
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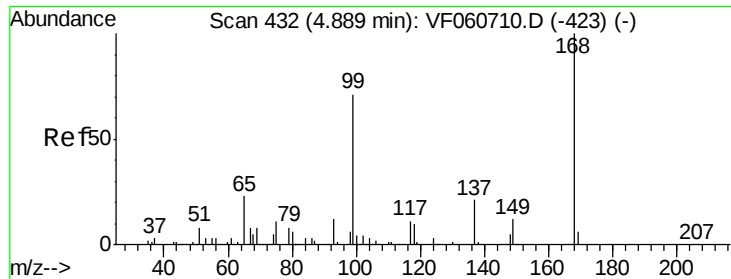
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.05 min

Lab File: VF060732.D

Acq: 14 Nov 2018 18:56

Instrument :

MSVOA_F

ClientSampleId :

TP-5S1

Tgt Ion: 168 Resp: 246010

Ion Ratio Lower Upper

168 100

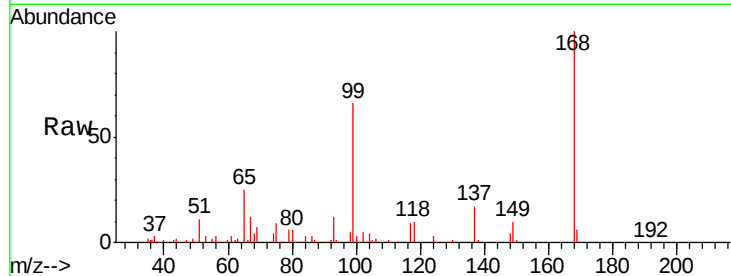
99 65.9 57.2 85.8

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

40000

20000

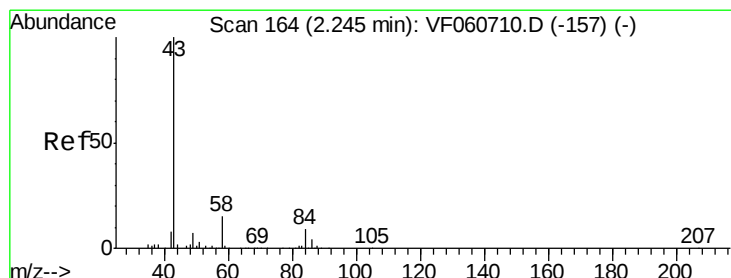
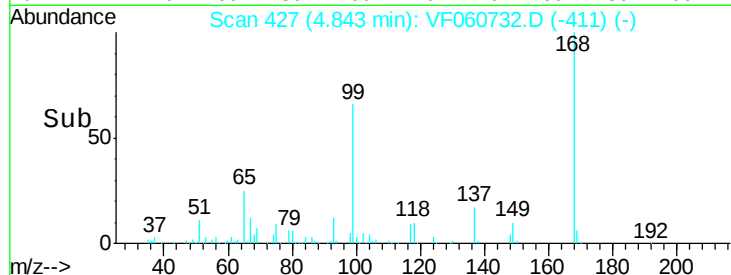
0

4.80

4.84

5.00

Time-->



#16

Acetone

Concen: 51.72 ug/l

RT: 2.22 min Scan# 161

Delta R.T. -0.03 min

Lab File: VF060732.D

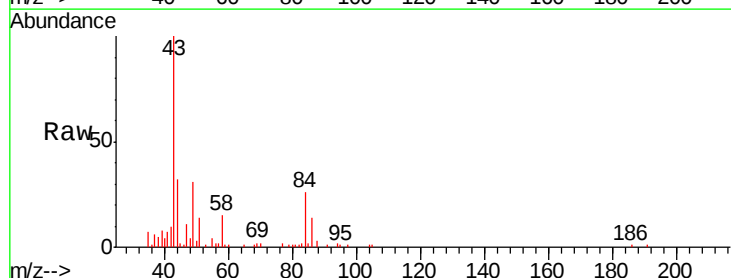
Acq: 14 Nov 2018 18:56

Tgt Ion: 43 Resp: 31020

Ion Ratio Lower Upper

43 100

58 15.2 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

15000

10000

5000

0

2.15

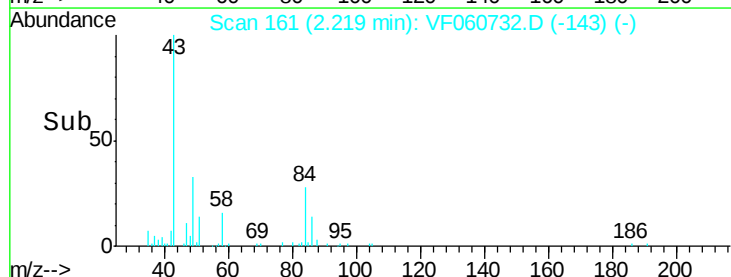
2.20

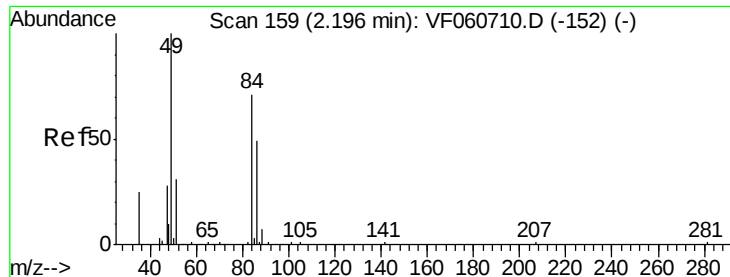
2.22

2.25

2.30

Time-->





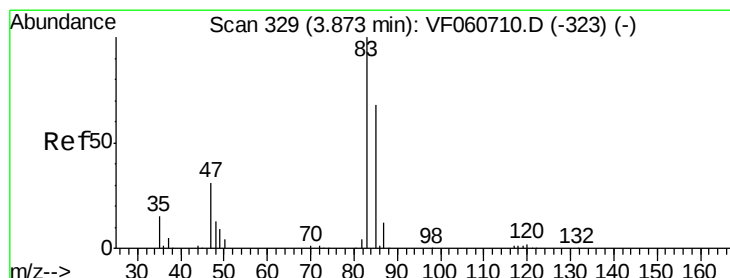
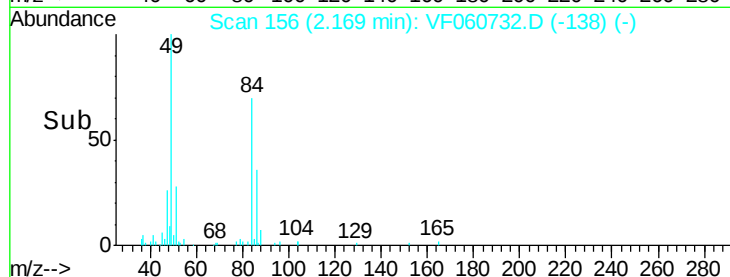
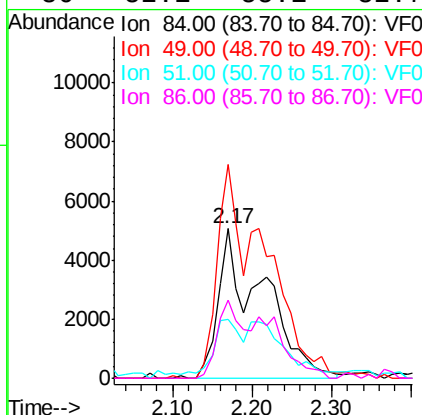
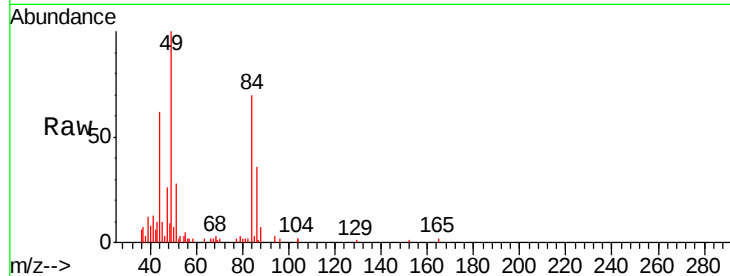
#20
Methylene Chloride
Concen: 7.49 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.03 min
Lab File: VF060732.D
Acq: 14 Nov 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
TP-5S1

Tgt Ion	Ratio	Lower	Upper
84	100		
49	143.0	120.2	180.4
51	39.8	37.2	55.8
86	52.1	55.1	82.7#

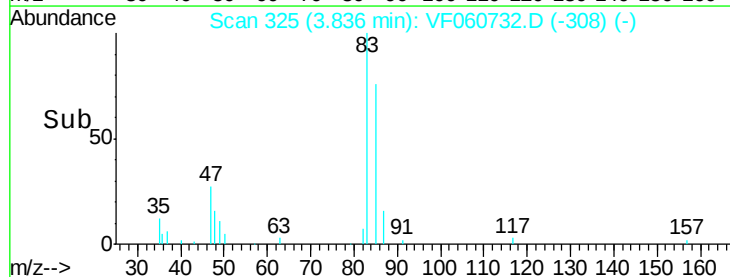
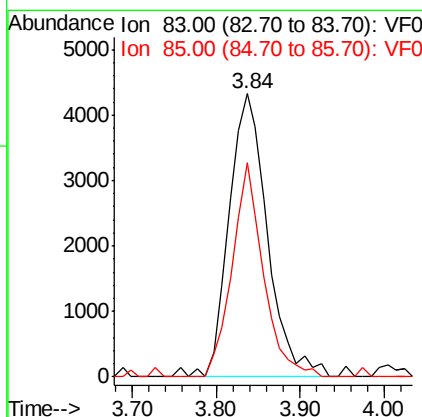
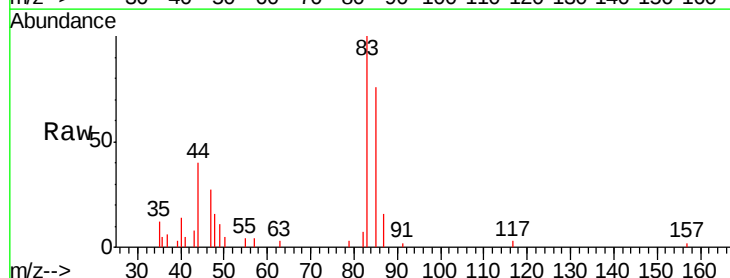
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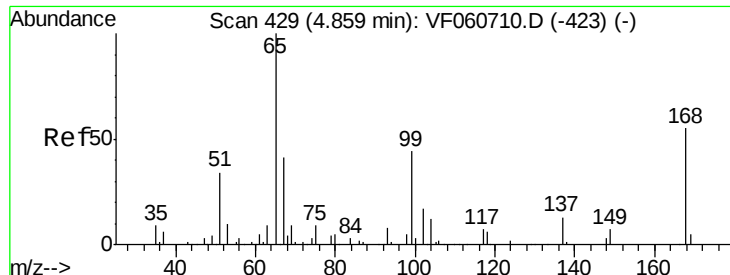
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#30
Chloroform
Concen: 2.08 ug/l
RT: 3.84 min Scan# 325
Delta R.T. -0.04 min
Lab File: VF060732.D
Acq: 14 Nov 2018 18:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	75.8	54.6	82.0





#33

1,2-Dichloroethane-d4

Concen: 42.83 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.04 min

Lab File: VF060732.D

Acq: 14 Nov 2018 18:56

Instrument :

MSVOA_F

ClientSampleId :

TP-5S1

Tgt Ion: 65 Resp: 120179

Ion Ratio Lower Upper

65 100

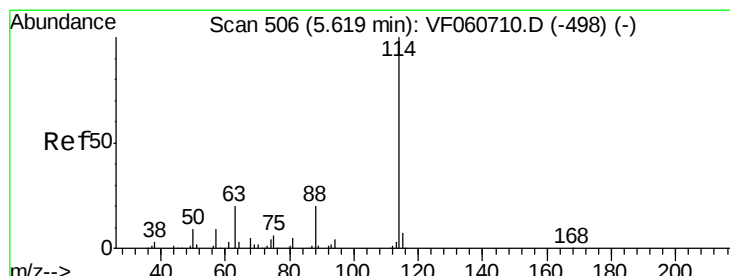
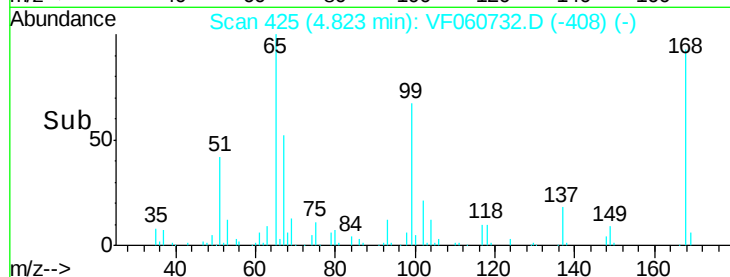
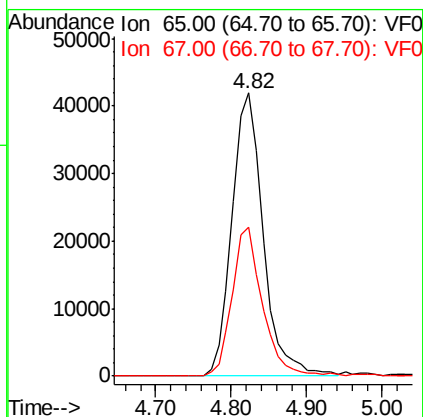
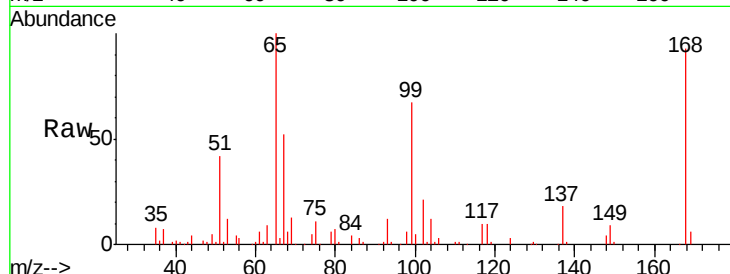
67 52.4 0.0 90.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.05 min

Lab File: VF060732.D

Acq: 14 Nov 2018 18:56

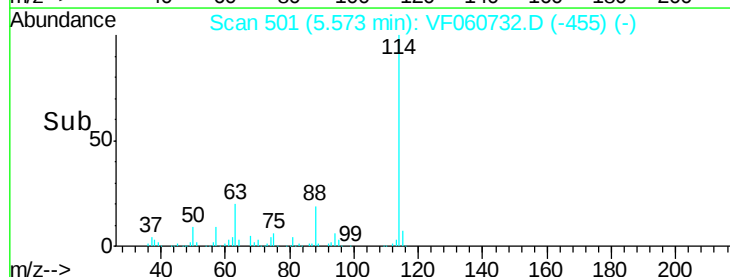
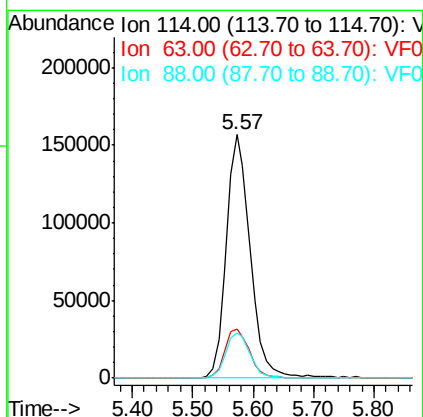
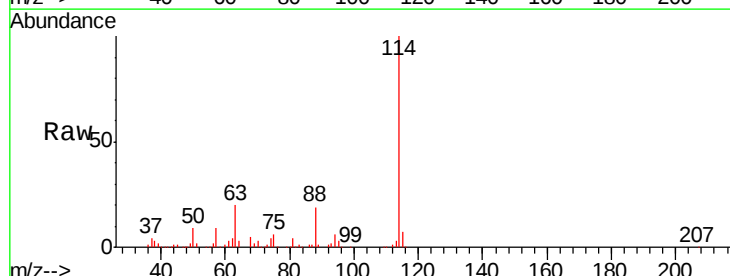
Tgt Ion: 114 Resp: 429708

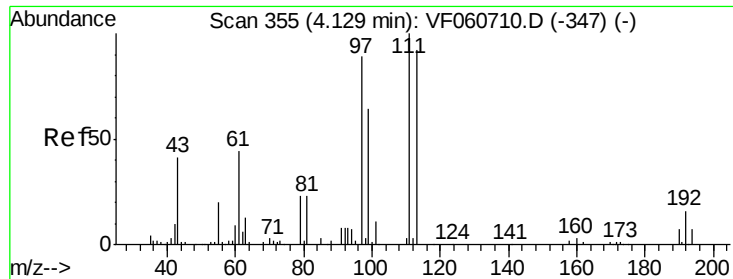
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 18.5 0.0 39.6





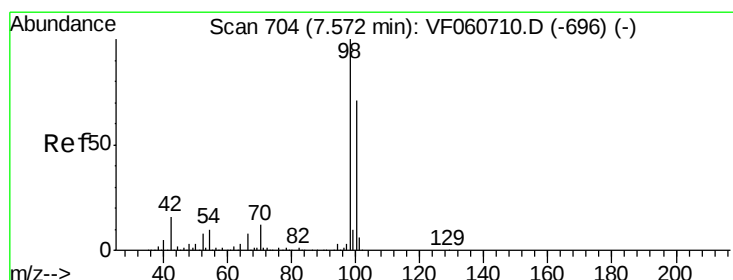
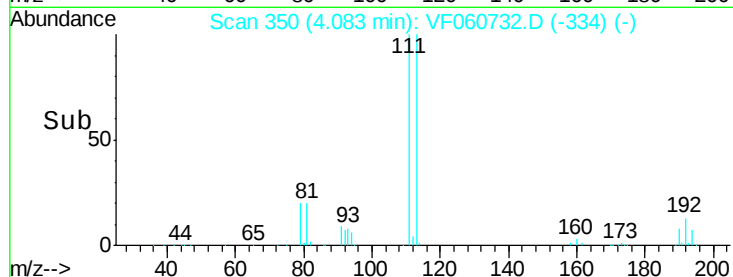
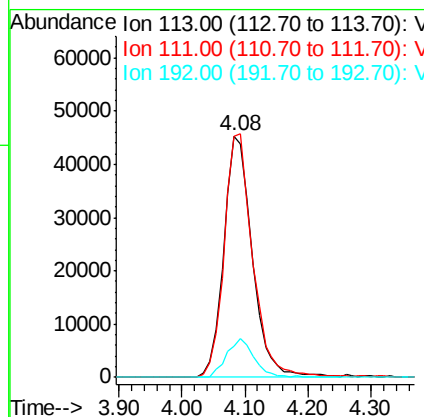
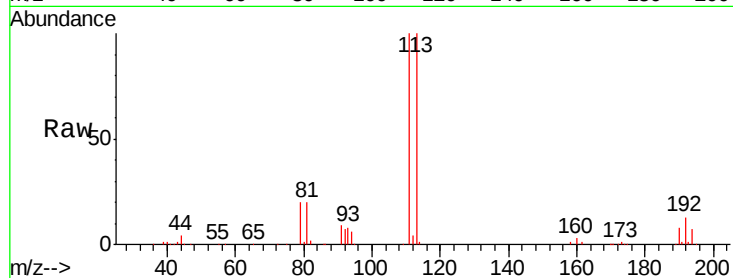
#35
Dibromofluoromethane
Concen: 44.00 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.05 min
Lab File: VF060732.D
Acq: 14 Nov 2018 18:56

Instrument :
MSVOA_F
ClientSampleId :
TP-5S1

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	142112		
111	99.5	87.1	130.7	
192	13.7	13.8	20.6	

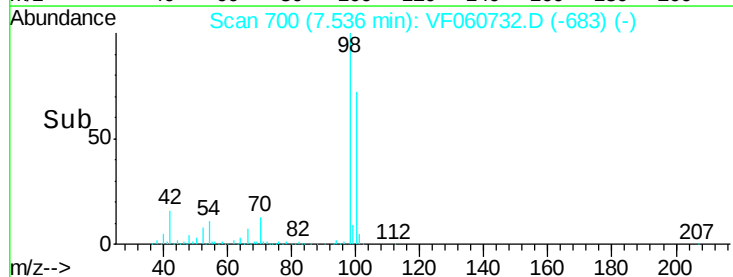
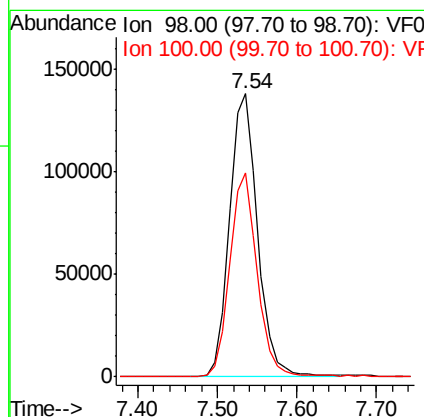
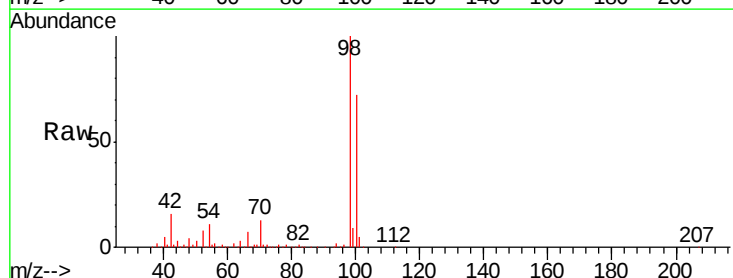
Manual Integrations
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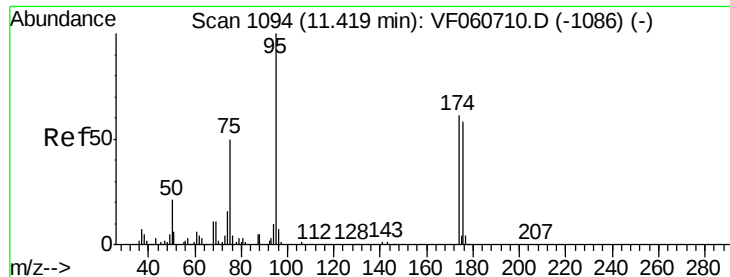
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#50
Toluene-d8
Concen: 40.49 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.04 min
Lab File: VF060732.D
Acq: 14 Nov 2018 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	341400		
100	72.1	56.5	84.7	





#62

4-Bromofluorobenzene

Concen: 42.46 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.03 min

Lab File: VF060732.D

Acq: 14 Nov 2018 18:56

Instrument :

MSVOA_F

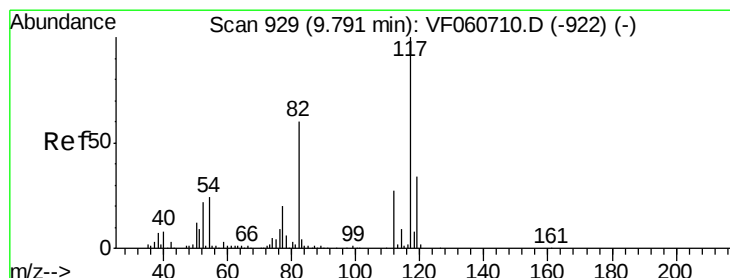
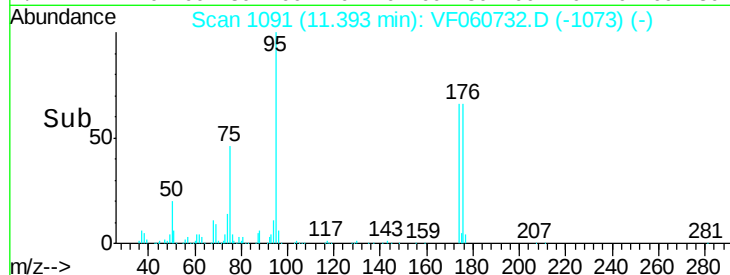
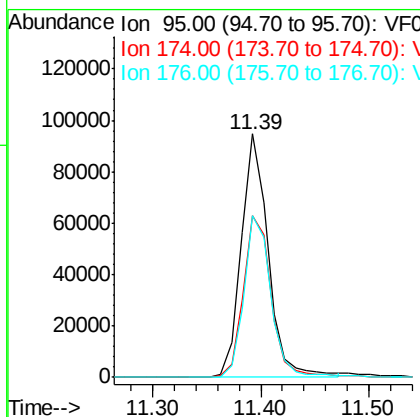
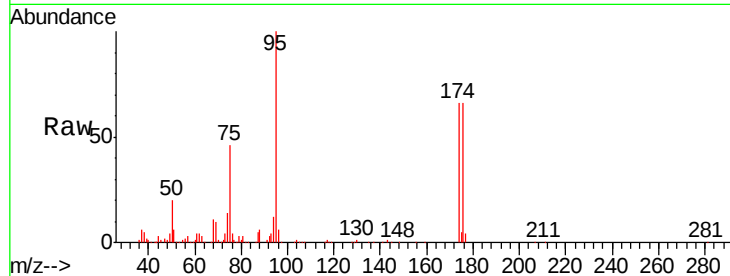
ClientSampled :

TP-5S1

Tgt Ion:	95	Resp:	164630
Ion Ratio	Lower	Upper	
95	100		
174	66.2	0.0	121.6
176	66.4	0.0	115.2

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

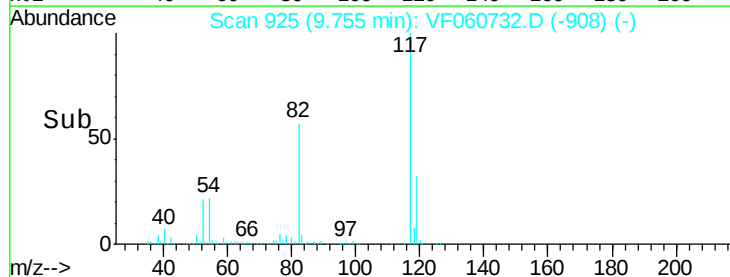
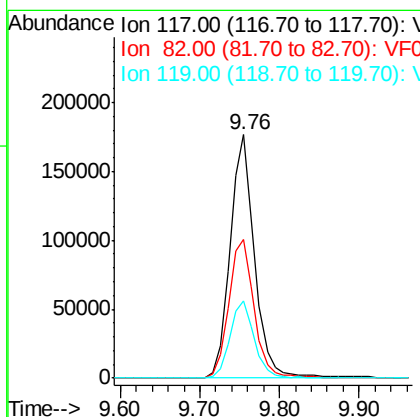
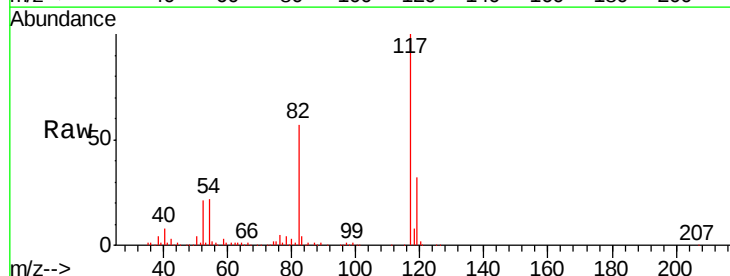
RT: 9.76 min Scan# 925

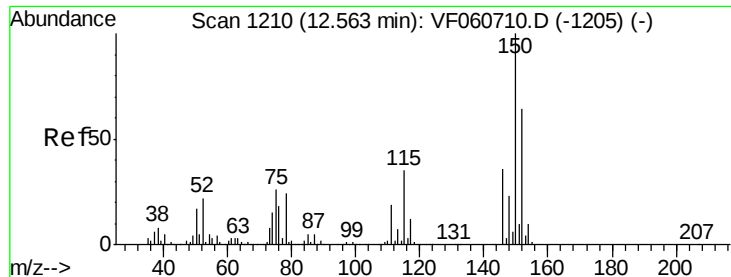
Delta R.T. -0.04 min

Lab File: VF060732.D

Acq: 14 Nov 2018 18:56

Tgt Ion:	117	Resp:	378471
Ion Ratio	Lower	Upper	
117	100		
82	57.1	47.9	71.9
119	31.9	26.8	40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.54 min Scan# 1207

Delta R.T. -0.03 min

Lab File: VF060732.D

Acq: 14 Nov 2018 18:56

Instrument :

MSVOA_F

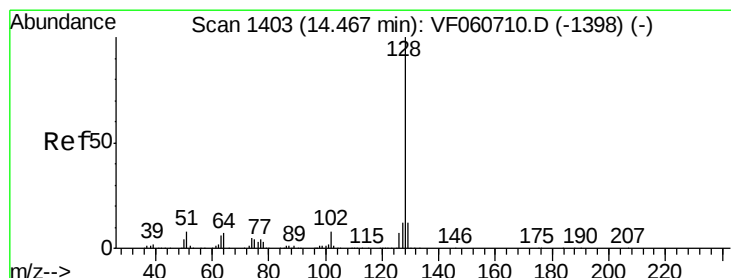
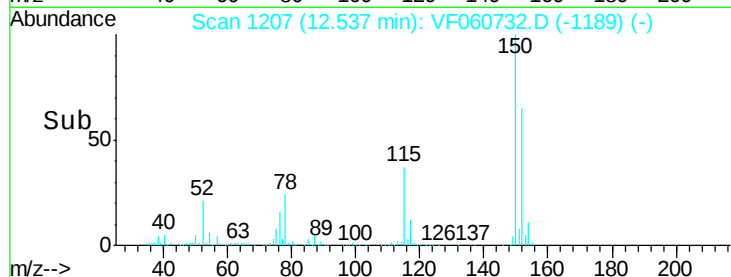
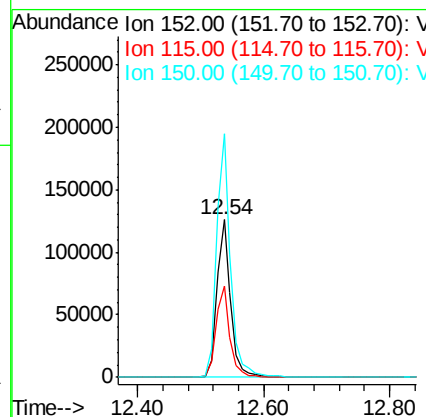
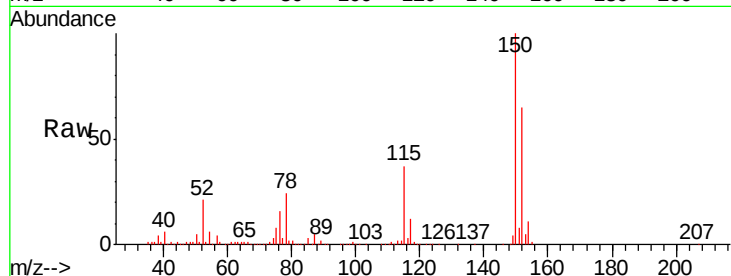
ClientSampleId :

TP-5S1

Tgt Ion:	152	Resp:	193903
Ion Ratio	Lower	Upper	
152	100		
115	57.7	27.9	83.7
150	154.7	0.0	316.4

Manual Integrations
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#95

Naphthalene

Concen: 1.01 ug/l

RT: 14.44 min Scan# 1400

Delta R.T. -0.03 min

Lab File: VF060732.D

Acq: 14 Nov 2018 18:56

Tgt Ion:	128	Resp:	8058
Ion Ratio	Lower	Upper	
128	100		
127	14.0	9.8	14.6
129	14.0	9.3	13.9#

