

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060588.D
 Acq On : 5 Nov 2018 23:04
 Operator : VA/AP
 Sample : J5741-59
 Misc : 6.97/5mL/MSVOA-F/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-15

Manual Integrations
 APPROVED

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 11/6/2018 12:53:51 PM

Quant Time: Nov 06 07:33:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	277273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	511995	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	448012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	241881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	124901	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.16%	
35) Dibromofluoromethane	4.12	113	170442	43.09	ug/l	0.01
Spiked Amount 50.000			Recovery	=	86.18%	
50) Toluene-d8	7.56	98	427004	36.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.88%	
62) 4-Bromofluorobenzene	11.42	95	202251	39.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.92%	
Target Compounds						
16) Acetone	2.23	43	20128	30.491	ug/l	93
20) Methylene Chloride	2.22	84	15460m	2.732	ug/l	

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

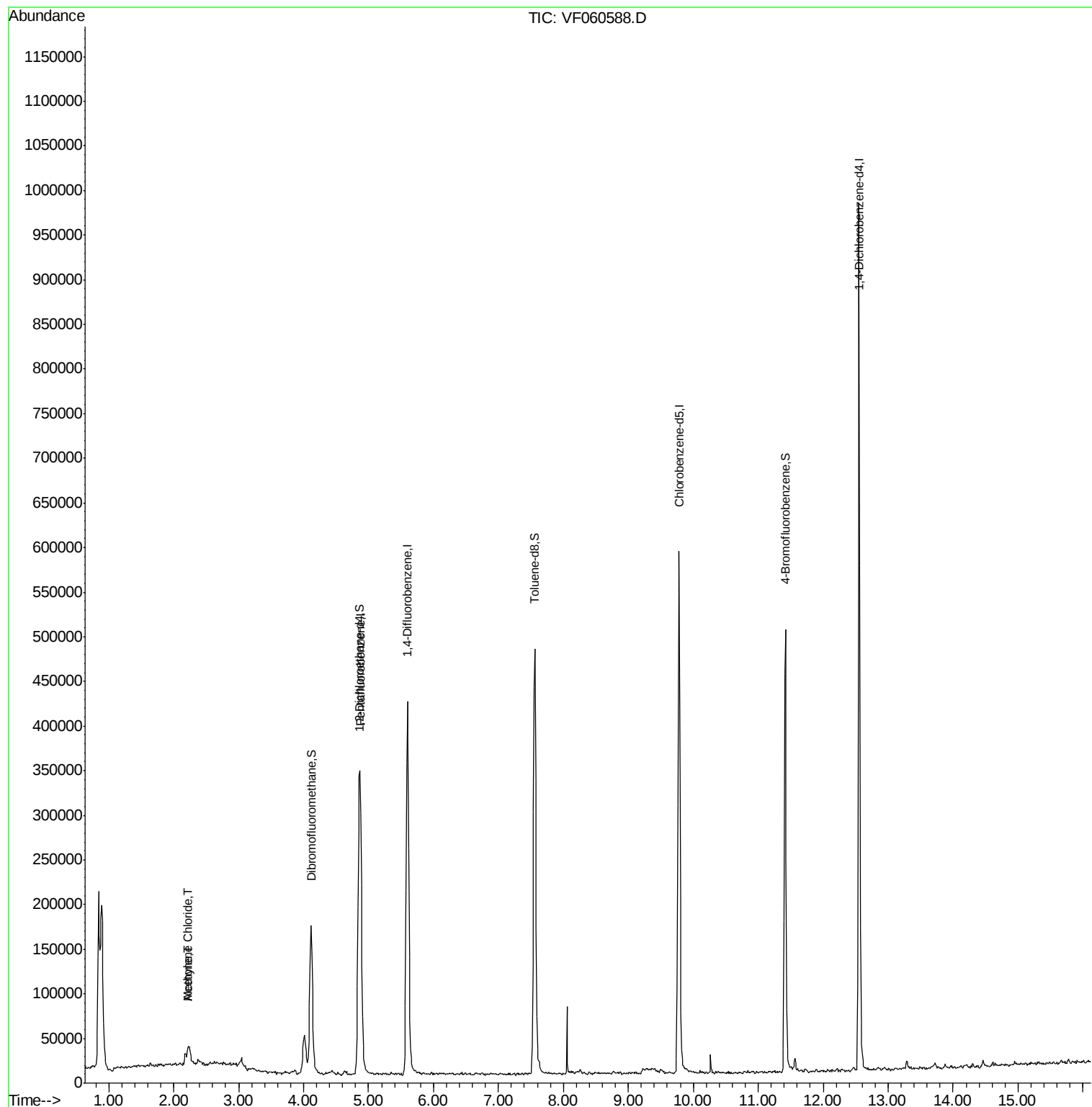
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110518\
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Quant Time: Nov 06 07:33:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF060588.D

Acq: 5 Nov 2018 23:04

Instrument :

MSVOA_F

ClientSampled :

TP-15

Tot Ion:168 Resp: 277273

Ion Ratio Lower Upper

168 100

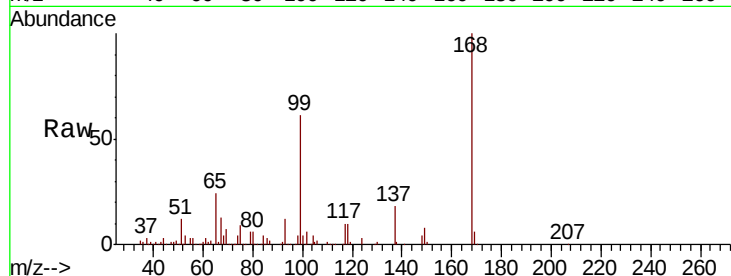
99 60.6 48.6 72.8

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

60000

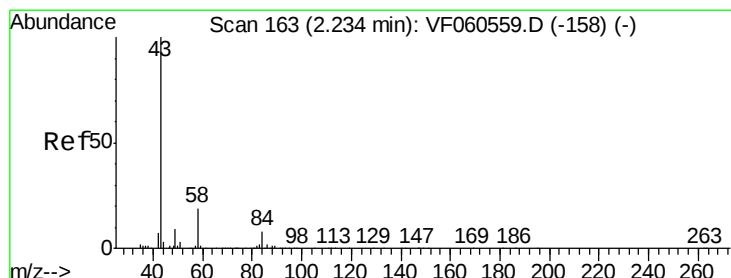
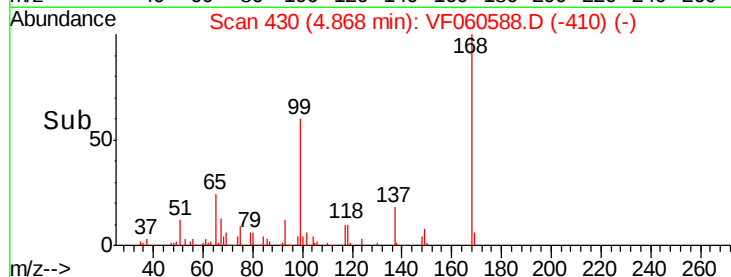
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 30.491 ug/l

RT: 2.23 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF060588.D

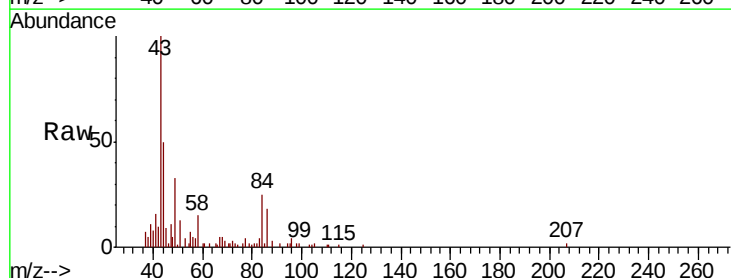
Acq: 5 Nov 2018 23:04

Tgt Ion: 43 Resp: 20128

Ion Ratio Lower Upper

43 100

58 15.3 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

10000

8000

6000

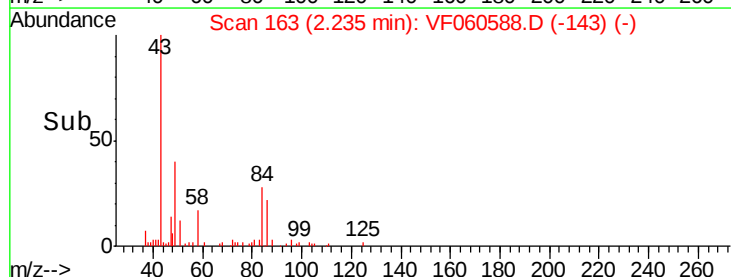
4000

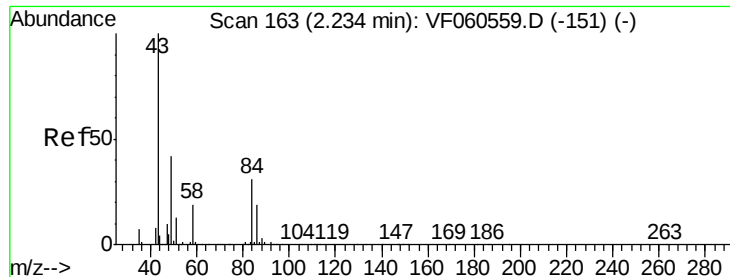
2000

0

2.15 2.20 2.25 2.30

Time-->





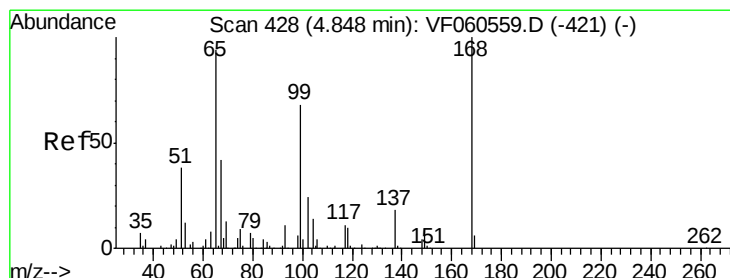
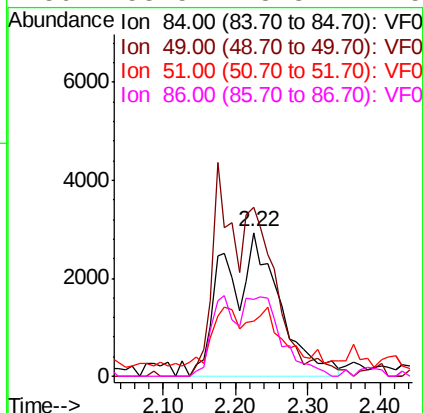
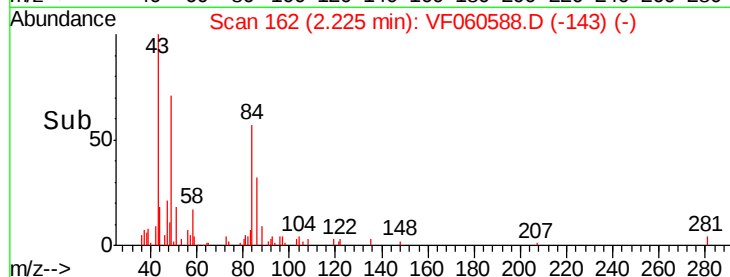
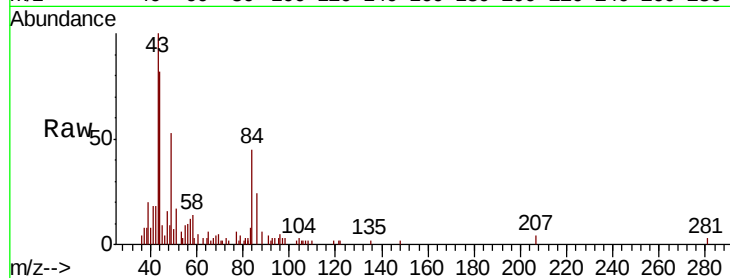
#20
Methvlene Chloride
Concen: 2.732 ug/l
RT: 2.22 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF060588.D
Acq: 5 Nov 2018 23:04

Instrument :
MSVOA_F
ClientSampleId :
TP-15

Tot Ion	Ratio	Lower	Upper
84	100		
49	117.6	109.9	164.9
51	38.7	35.8	53.8
86	53.5	48.3	72.5

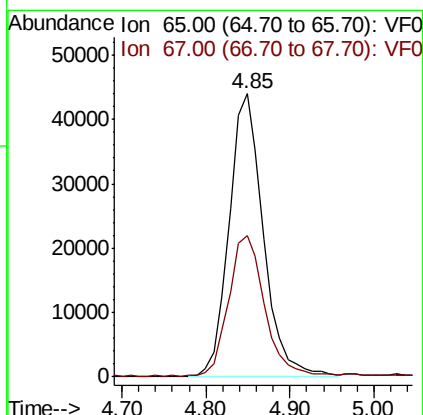
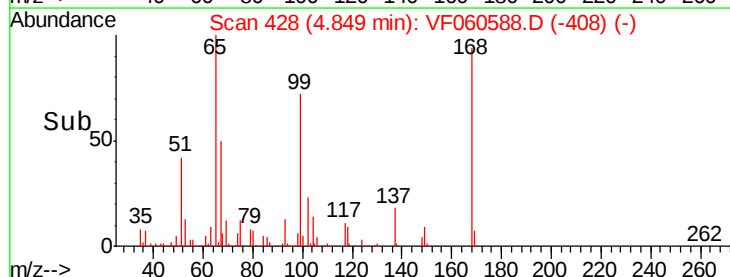
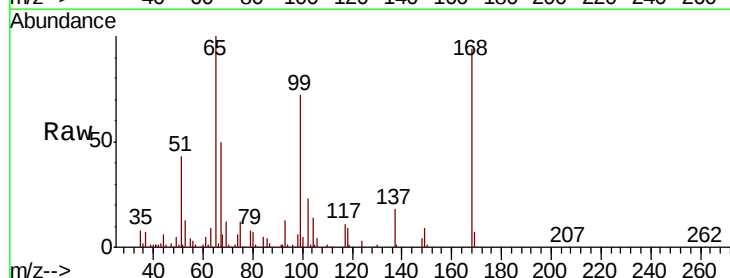
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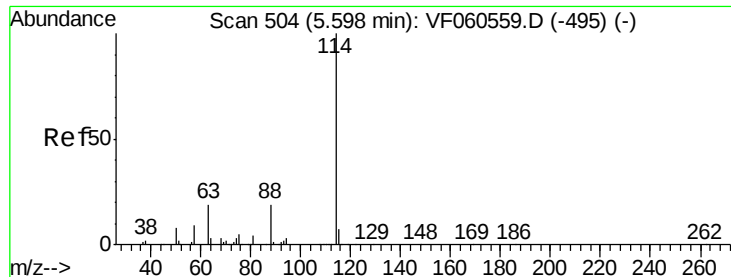
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#33
1,2-Dichloroethane-d4
Concen: 44.584 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF060588.D
Acq: 5 Nov 2018 23:04

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF060588.D

Acq: 5 Nov 2018 23:04

Instrument :

MSVOA_F

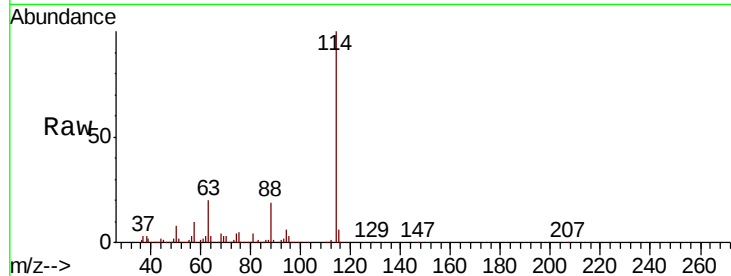
ClientSampleId :

TP-15

Tot Ion:	114	Resp:	511995
Ion Ratio		Lower	Upper
114	100		
63	20.5	0.0	39.0
88	19.1	0.0	38.2

Manual Integrations
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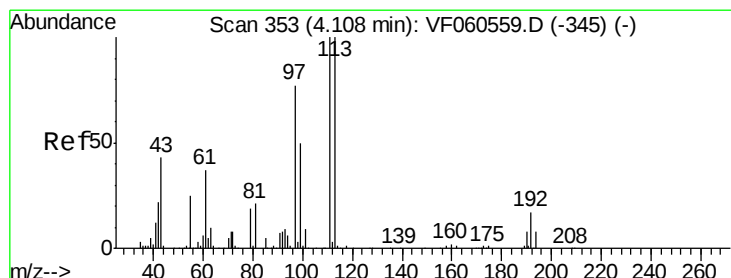
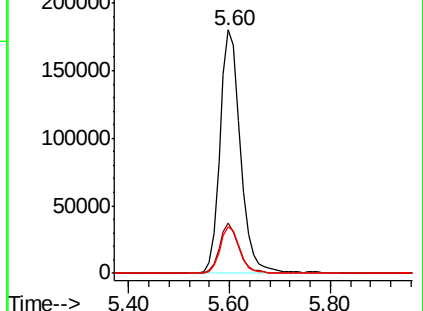
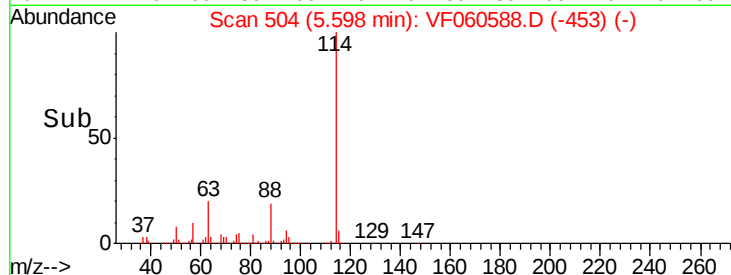
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 43.088 ug/l

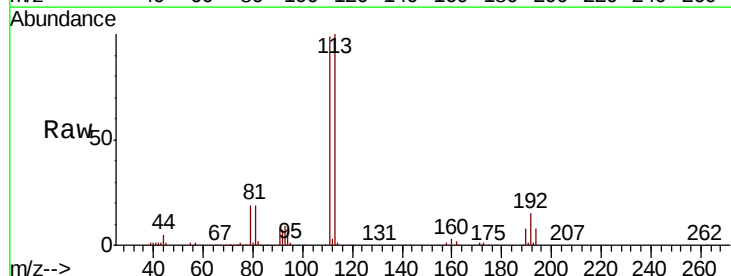
RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF060588.D

Acq: 5 Nov 2018 23:04

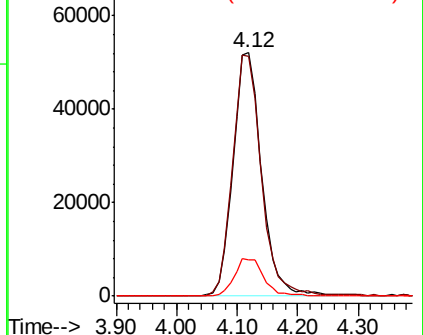
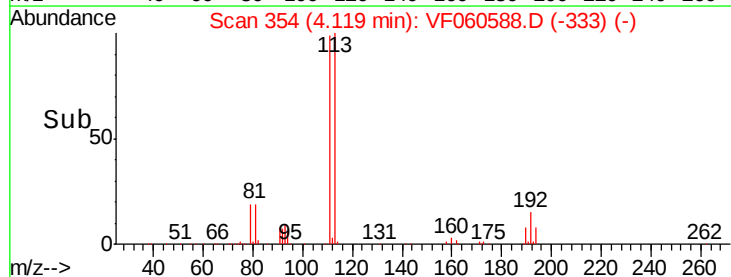
Tgt Ion:	113	Resp:	170442
Ion Ratio		Lower	Upper
113	100		
111	98.6	79.9	119.9
192	14.9	13.3	19.9

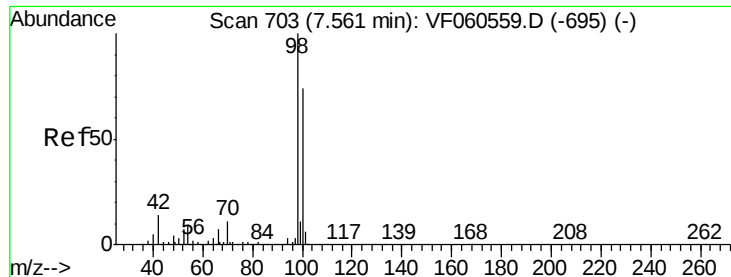


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





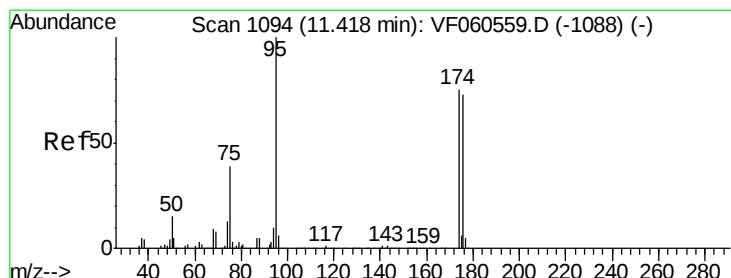
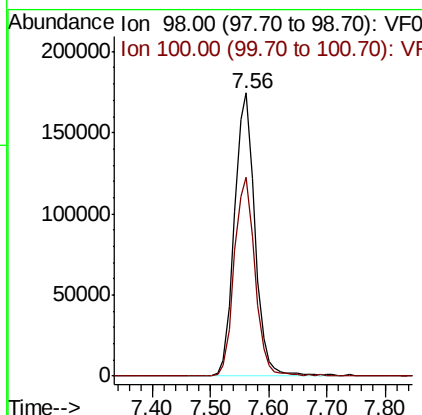
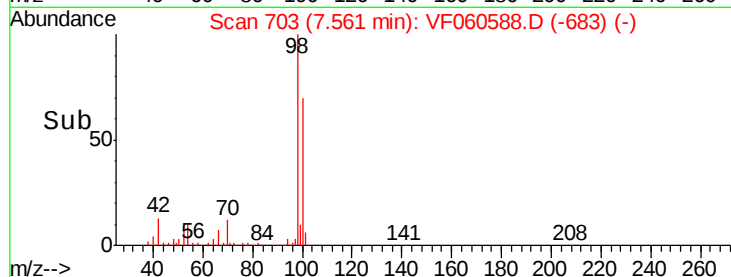
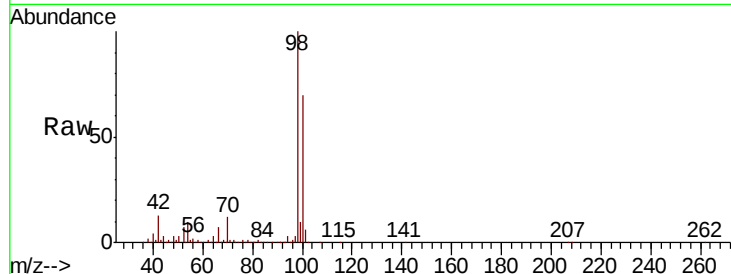
#50
Toluene-d8
Concen: 36.440 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060588.D
Acq: 5 Nov 2018 23:04

Instrument :
MSVOA_F
ClientSampleId :
TP-15

Tot Ion: 98 Resp: 427004
Ion Ratio Lower Upper
98 100
100 70.2 59.4 89.2

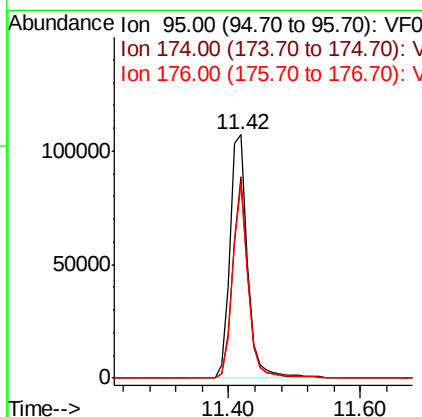
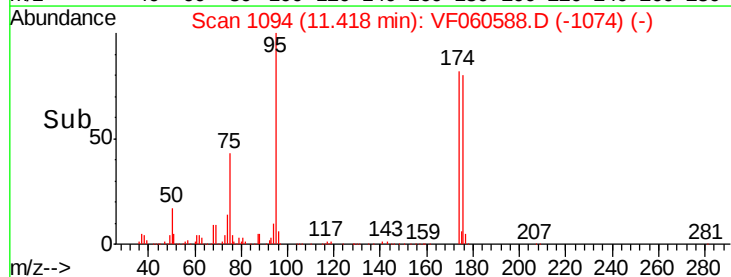
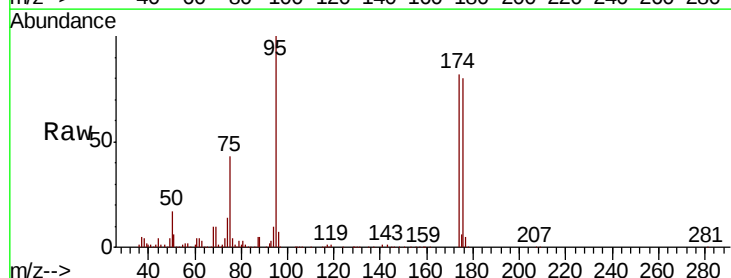
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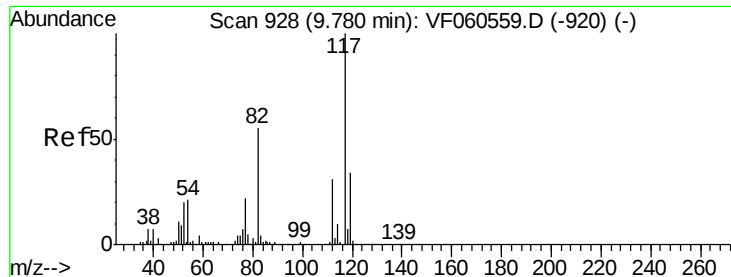
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#62
4-Bromofluorobenzene
Concen: 39.459 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060588.D
Acq: 5 Nov 2018 23:04

Tgt Ion: 95 Resp: 202251
Ion Ratio Lower Upper
95 100
174 82.5 0.0 149.0
176 79.8 0.0 145.6





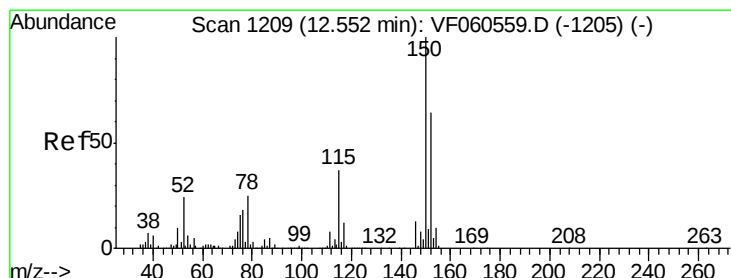
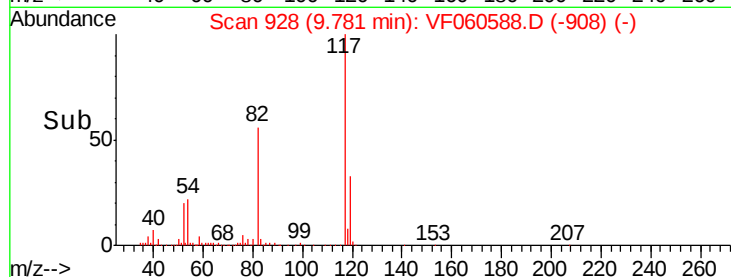
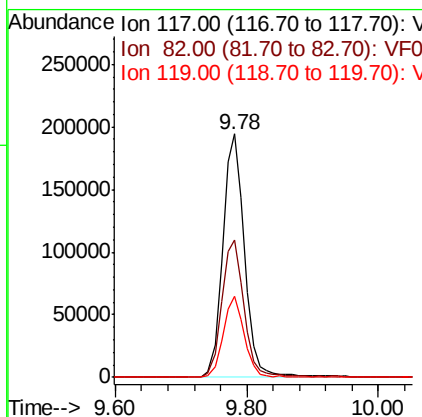
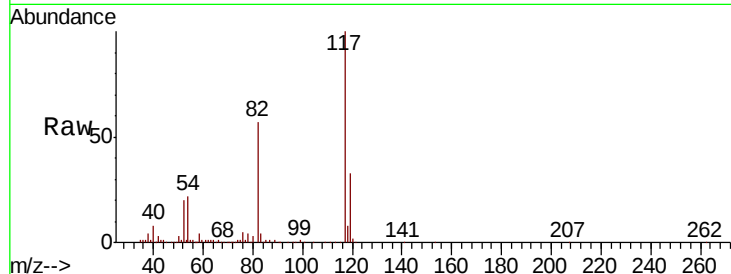
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060588.D
Acq: 5 Nov 2018 23:04

Instrument :
MSVOA_F
ClientSampled :
TP-15

Tot Ion	Ratio	Resp	Lower	Upper
117	100	448012		
82	56.5	43.9	65.9	
119	33.1	27.4	41.0	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060588.D
Acq: 5 Nov 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	241881		
115	59.0	29.6	88.8	
150	150.3	0.0	315.6	

