

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111418\
 Data File : VF060725.D
 Acq On : 14 Nov 2018 15:35
 Operator : VA/AP
 Sample : J5860-26
 Misc : 5.64g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP2-SB-111(22-24)

Manual Integrations
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 11/20/2018 11:37:23 AM

Quant Time: Nov 15 07:08:00 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	226089	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	400862	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	358405	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	209237	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	131077	50.83	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	4.09	113	142506	47.29	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	7.53	98	342458	43.84	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	87.68%	
62) 4-Bromofluorobenzene	11.40	95	172799	48.32	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.64%	
Target Compounds						
16) Acetone	2.22	43	17546	31.832	ug/l	96
20) Methylene Chloride	2.17	84	14308m	5.250	ug/l	
39) Methylcyclohexane	5.43	83	19517	3.619	ug/l	96

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

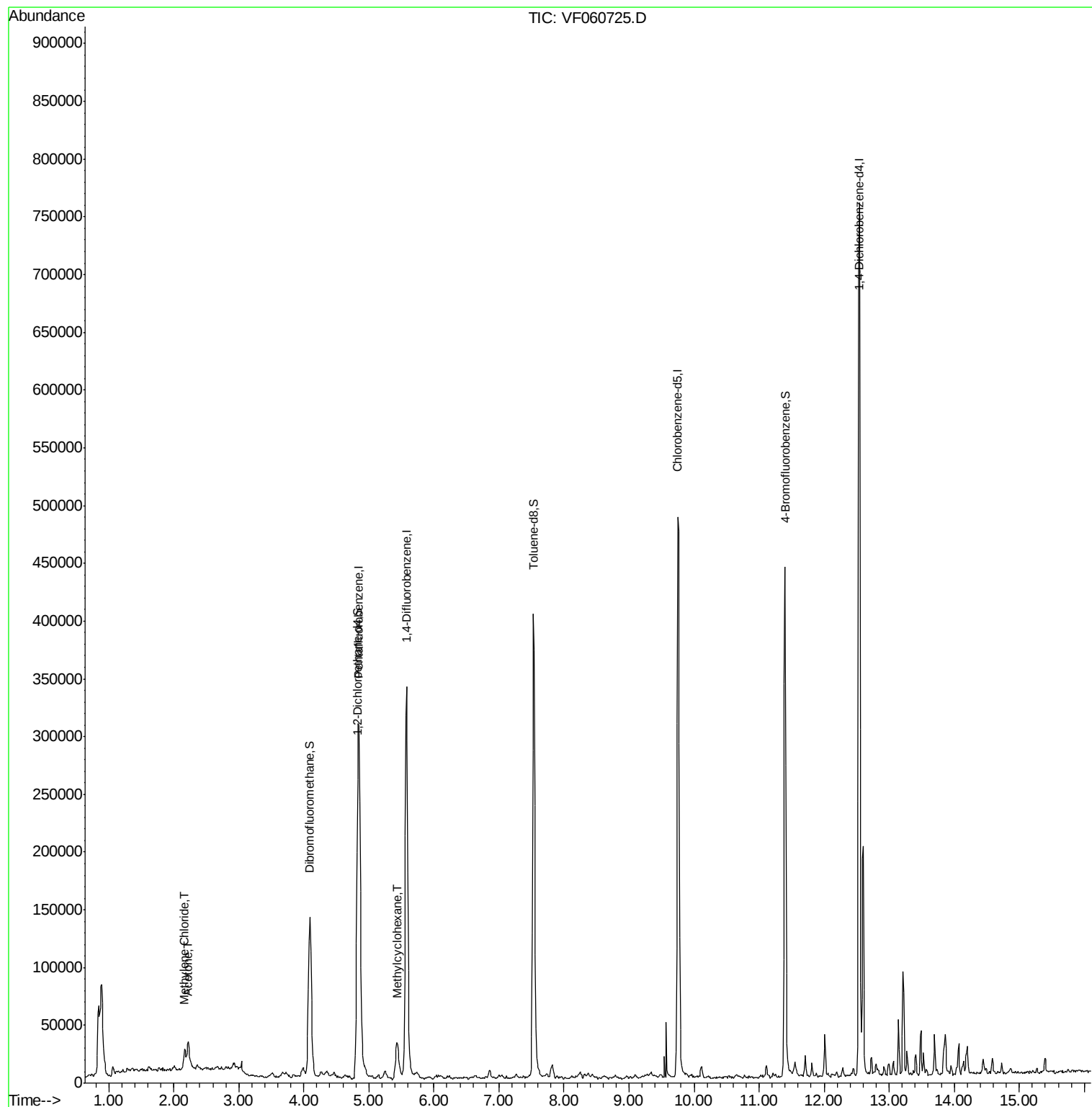
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111418\
Data File : VF060725.D
Acq On : 14 Nov 2018 15:35
Operator : VA/AP
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Quant Time: Nov 15 07:08:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF060725.D

Acq: 14 Nov 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

EP2-SB-111(22-24)

Tot Ion:168 Resp: 226089

Ion Ratio Lower Upper

168 100

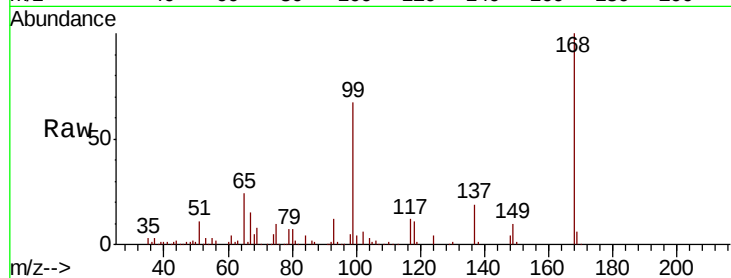
99 67.5 57.2 85.8

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF060710.D

Ion 99.00 (98.70 to 99.70): VF060710.D

80000

60000

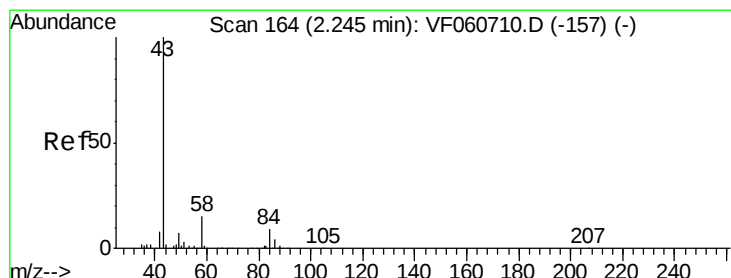
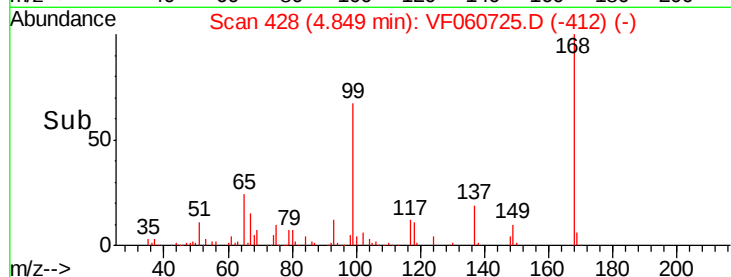
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 31.832 ug/l

RT: 2.22 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF060725.D

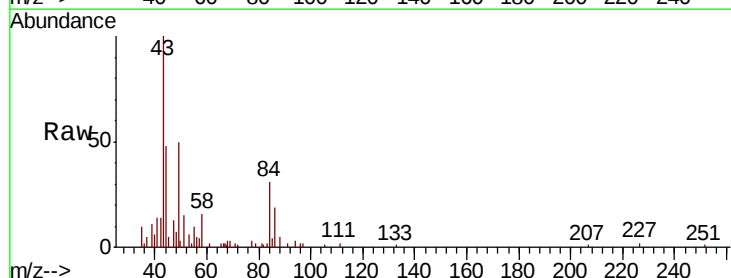
Acq: 14 Nov 2018 15:35

Tgt Ion: 43 Resp: 17546

Ion Ratio Lower Upper

43 100

58 16.1 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VF060710.D

Ion 58.00 (57.70 to 58.70): VF060710.D

8000

6000

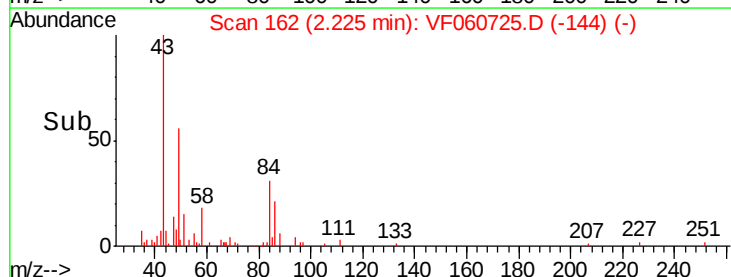
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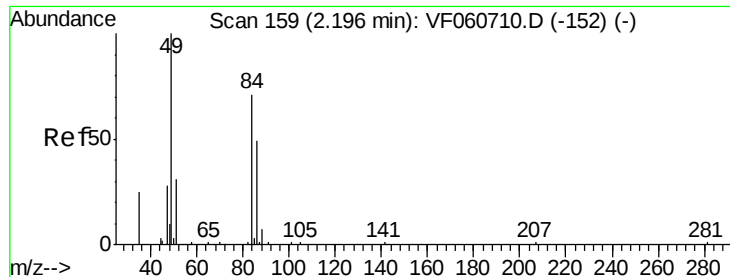
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0

2.15 2.20 2.25 2.30 2.35

Time-->





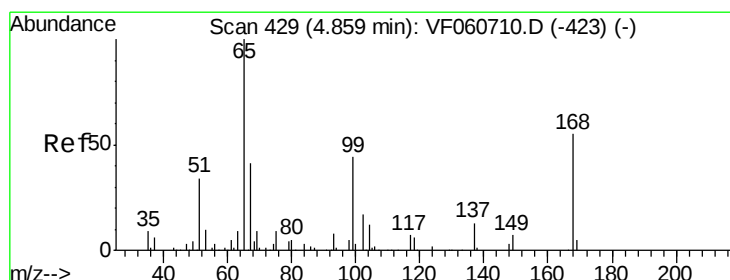
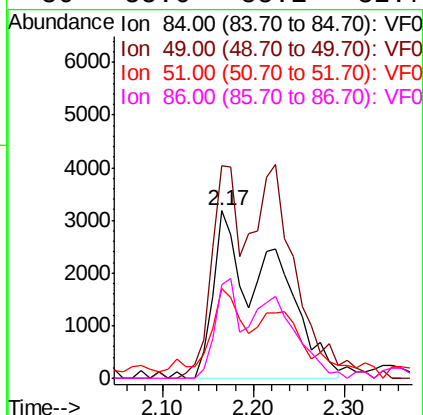
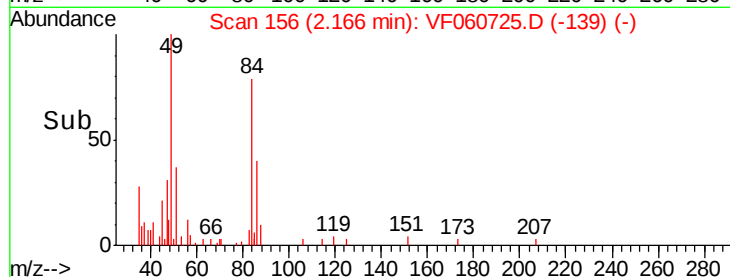
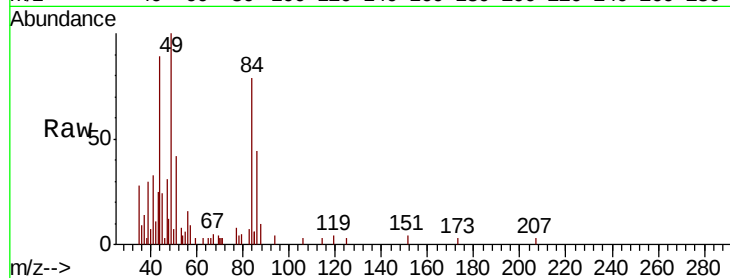
#20
Methvlene Chloride
Concen: 5.250 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.03 min
Lab File: VF060725.D
Acq: 14 Nov 2018 15:35

Instrument :
MSVOA_F
ClientSampleId :
EP2-SB-111(22-24)

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	126.9	120.2	180.4	
51	53.9	37.2	55.8	
86	55.6	55.1	82.7	

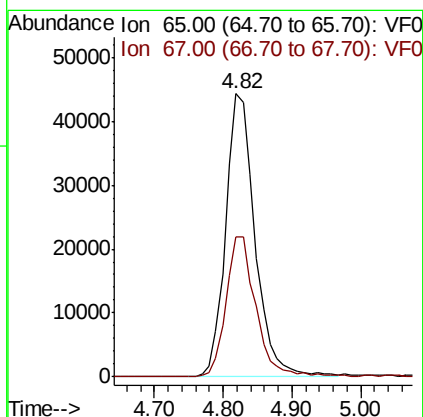
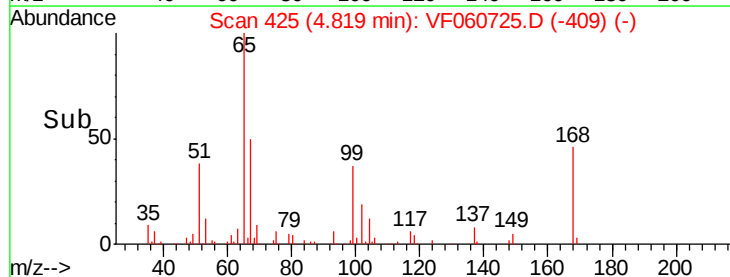
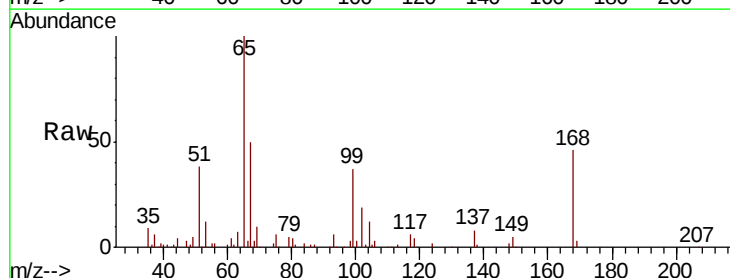
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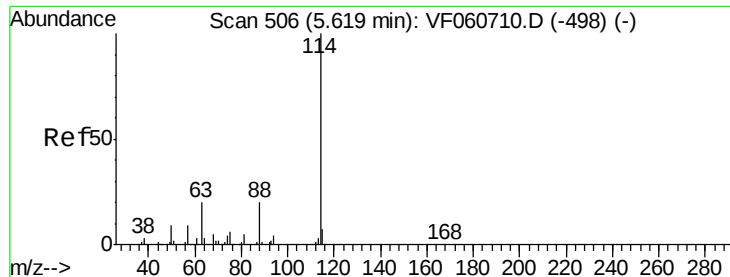
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#33
1,2-Dichloroethane-d4
Concen: 50.829 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF060725.D
Acq: 14 Nov 2018 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	49.6	0.0	90.2	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.04 min

Lab File: VF060725.D

Acq: 14 Nov 2018 15:35

Instrument :

MSVOA_F

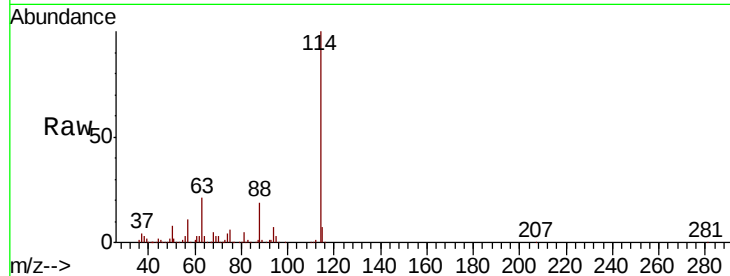
ClientSampleId :

EP2-SB-111(22-24)

Tot Ion:	114	Resp:	400862
Ion Ratio		Lower	Upper
114	100		
63	20.8	0.0	40.8
88	19.5	0.0	39.6

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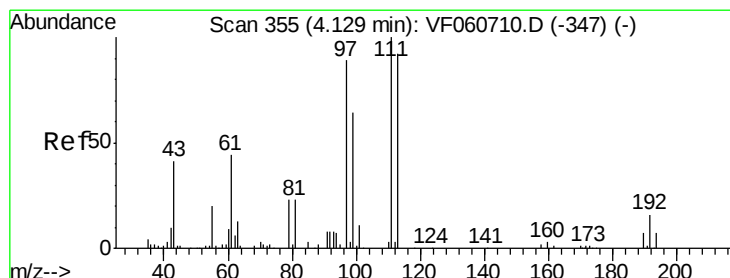
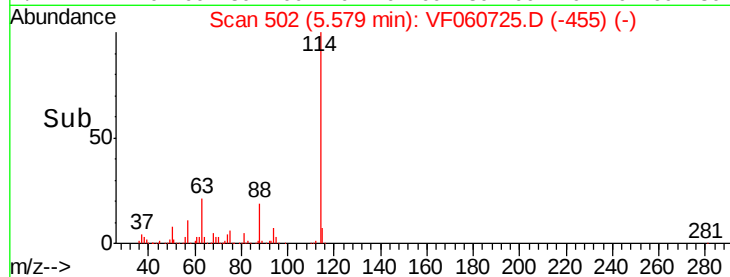
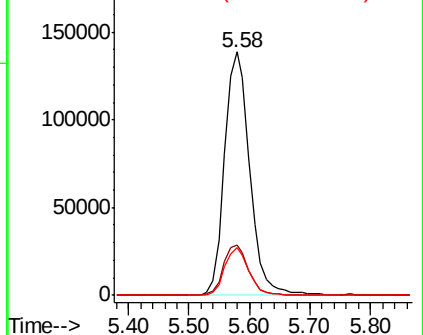
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 47.293 ug/l

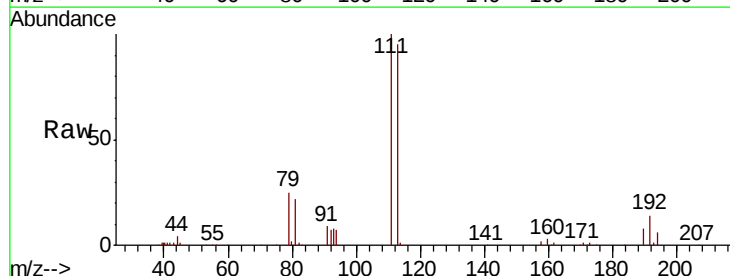
RT: 4.09 min Scan# 351

Delta R.T. -0.04 min

Lab File: VF060725.D

Acq: 14 Nov 2018 15:35

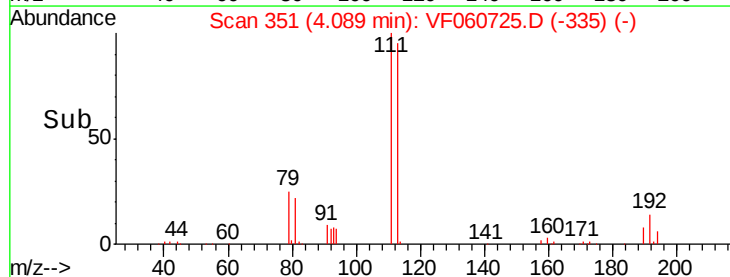
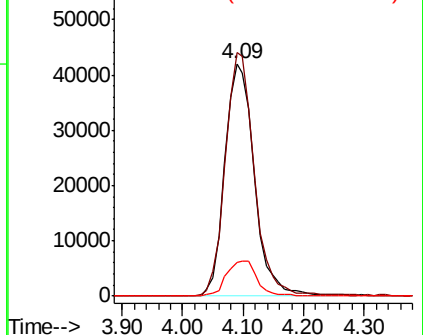
Tgt Ion:	113	Resp:	142506
Ion Ratio		Lower	Upper
113	100		
111	104.9	87.1	130.7
192	15.3	13.8	20.6

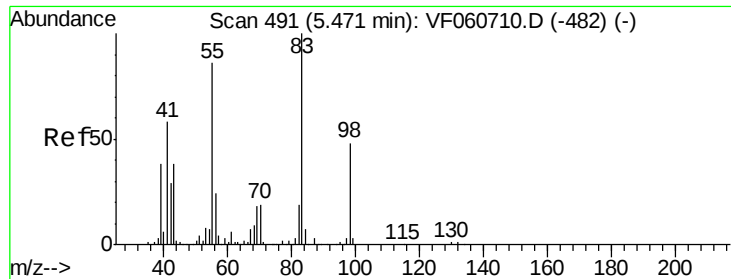


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





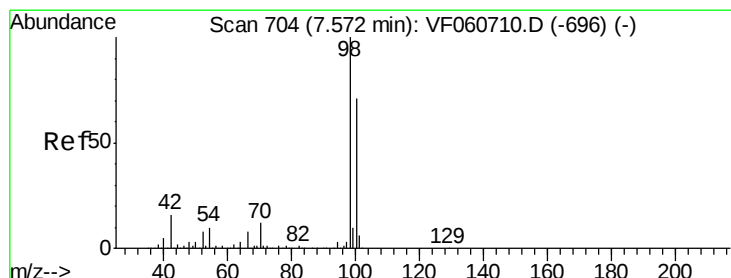
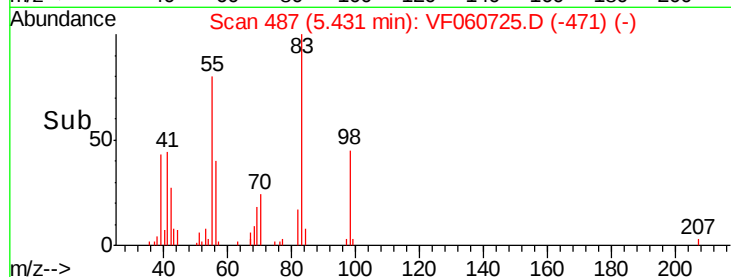
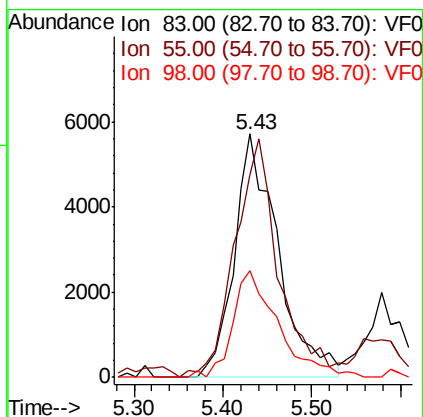
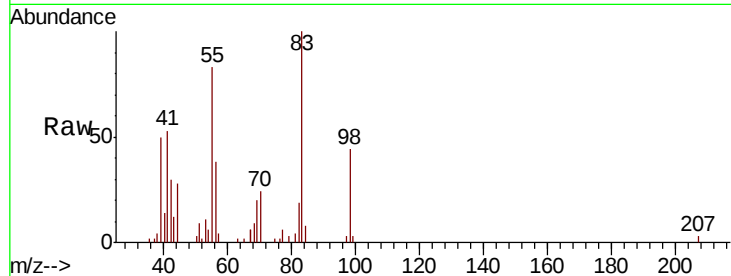
#39
Methvlcvclohexane
Concen: 3.619 ug/l
RT: 5.43 min Scan# 487
Delta R.T. -0.04 min
Lab File: VF060725.D
Acq: 14 Nov 2018 15:35

Instrument :
MSVOA_F
ClientSampleId :
EP2-SB-111(22-24)

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	83.4	69.0	103.4	
98	43.9	38.5	57.7	

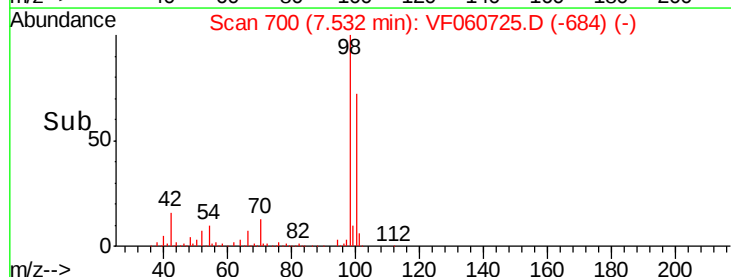
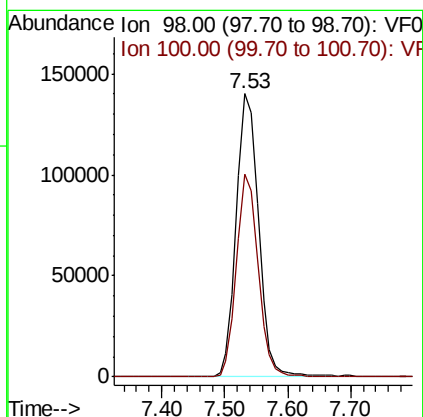
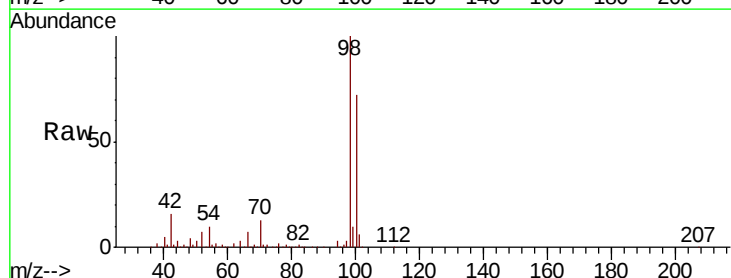
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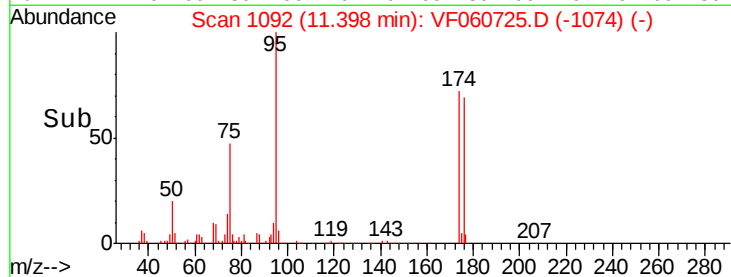
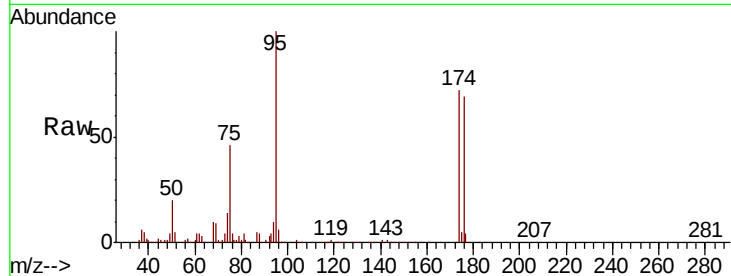
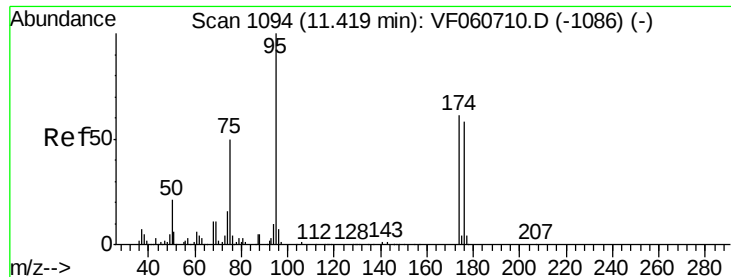
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#50
Toluene-d8
Concen: 43.836 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.04 min
Lab File: VF060725.D
Acq: 14 Nov 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	71.7	56.5	84.7	





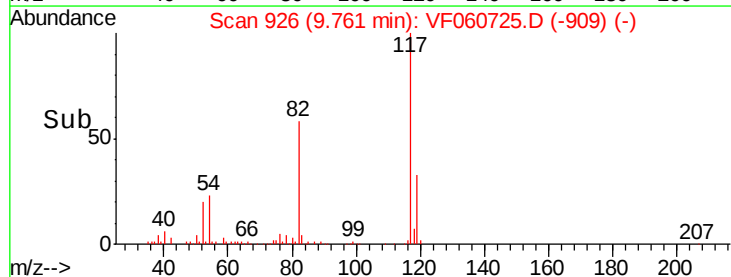
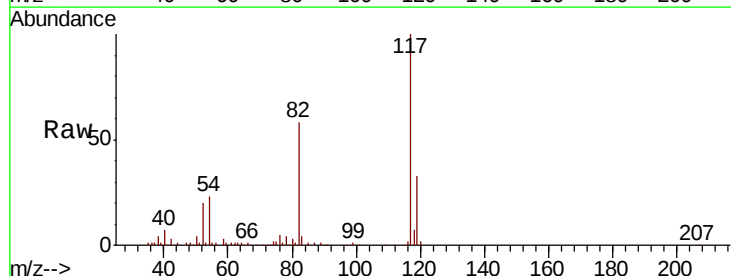
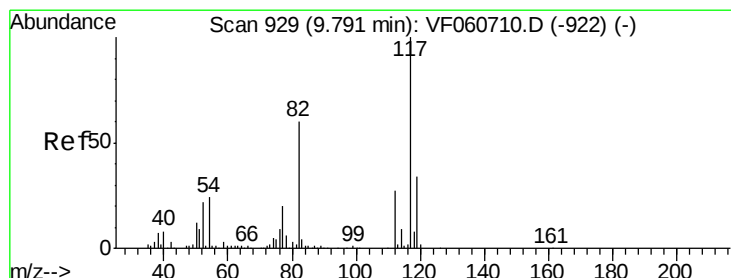
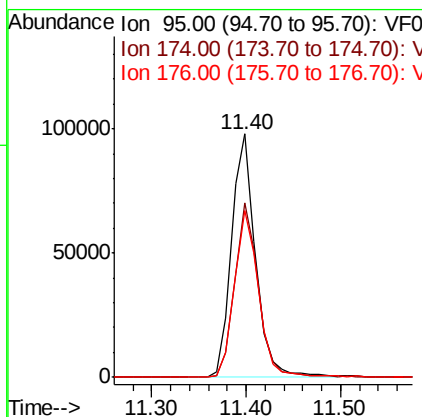
#62
4-Bromofluorobenzene
Concen: 48.324 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF060725.D
Acq: 14 Nov 2018 15:35

Tot Ion	Ratio	Resp	Lower	Upper
95	100	172799		
174	71.9	0.0	121.6	
176	68.7	0.0	115.2	

Instrument :
MSVOA_F
ClientSampleId :
EP2-SB-111(22-24)

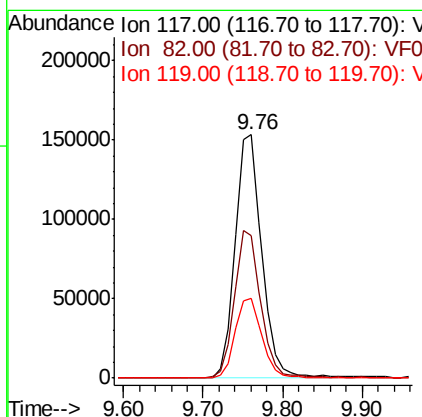
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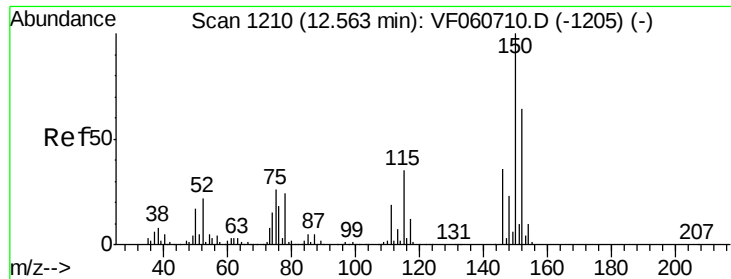
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF060725.D
Acq: 14 Nov 2018 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	358405		
82	58.3	47.9	71.9	
119	33.0	26.8	40.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF060725.D

Acq: 14 Nov 2018 15:35

Instrument :

MSVOA_F

ClientSampleId :

EP2-SB-111(22-24)

Tot Ion:152 Resp: 209237

Ion Ratio Lower Upper

152 100

115 52.9 27.9 83.7

150 151.2 0.0 316.4

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