

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
 Data File : VF060724.D
 Acq On : 14 Nov 2018 15:06
 Operator : VA/AP
 Sample : J5860-23
 Misc : 5.87g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP2-SB-110(24-28)

Manual Integrations
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 11/15/2018 1:30:42 PM

Quant Time: Nov 15 07:11:44 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	229357	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	443933	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	404500	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	227064	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	129386	49.46	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	98.92%	
35) Dibromofluoromethane	4.09	113	148337	44.45	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	88.90%	
50) Toluene-d8	7.53	98	364899	42.03	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	84.06%	
62) 4-Bromofluorobenzene	11.40	95	185324	46.66	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.32%	
Target Compounds						
16) Acetone	2.23	43	19846	35.49	ug/l	# 82
20) Methylene Chloride	2.22	84	18111m	7.30	ug/l	
30) Chloroform	3.83	83	32892	5.35	ug/l	97
52) Toluene	7.61	92	8598	1.12	ug/l	99
95) Naphthalene	14.45	128	9868	1.06	ug/l	97

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

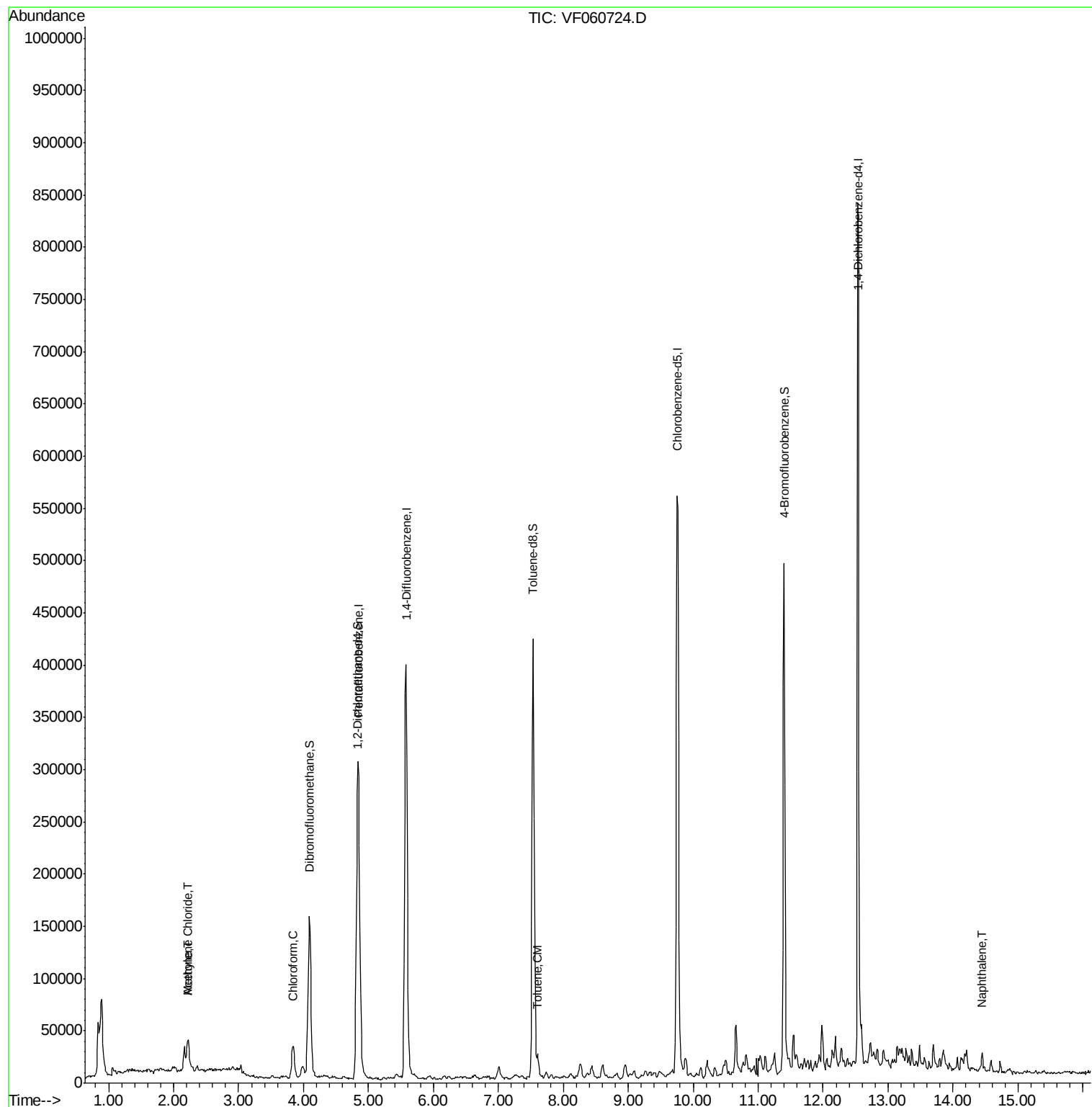
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111418\
Data File : VF060724.D
Acq On : 14 Nov 2018 15:06
Operator : VA/AP
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MSVOA_F
ClientSampleId :
EP2-SB-110(24-28)

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Quant Time: Nov 15 07:11:44 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: 50.00 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF060724.D

Acq: 14 Nov 2018 15:06

Instrument :

MSVOA_F

ClientSampleId :

EP2-SB-110(24-28)

Tgt Ion:168 Resp: 229357

Ion Ratio Lower Upper

168 100

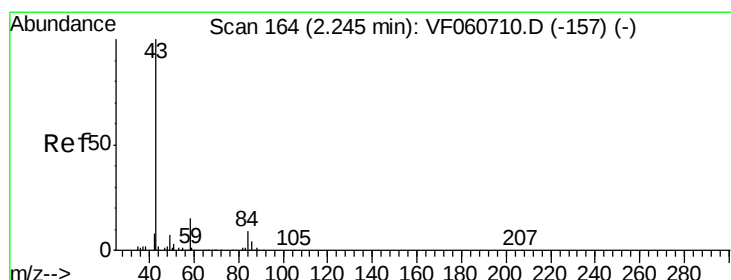
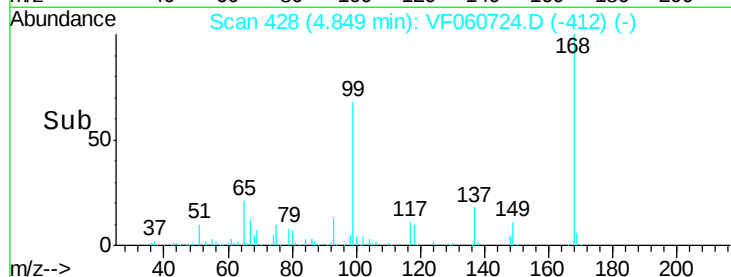
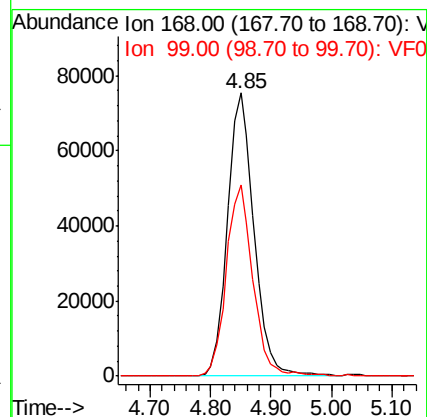
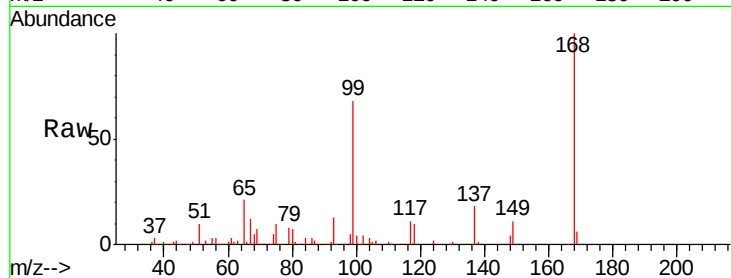
99 67.7 57.2 85.8

Manual Integrations

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#16

Acetone

Concen: 35.49 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF060724.D

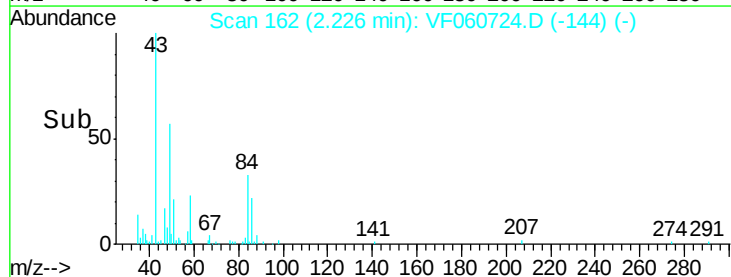
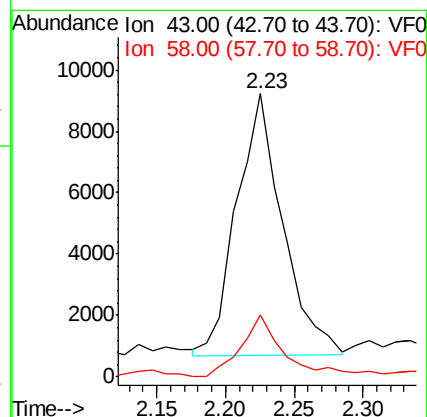
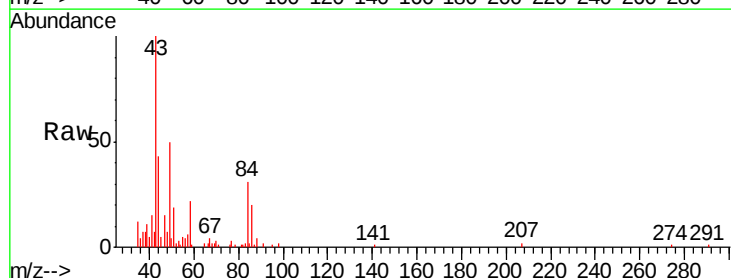
Acq: 14 Nov 2018 15:06

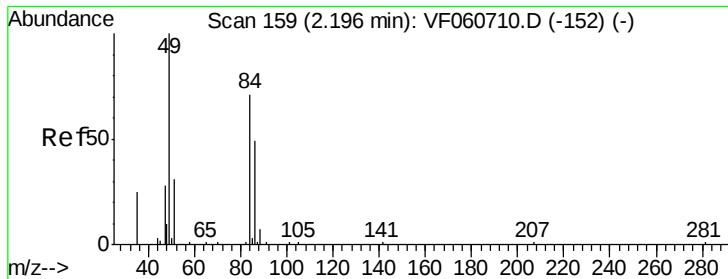
Tgt Ion: 43 Resp: 19846

Ion Ratio Lower Upper

43 100

58 21.8 11.6 17.4#





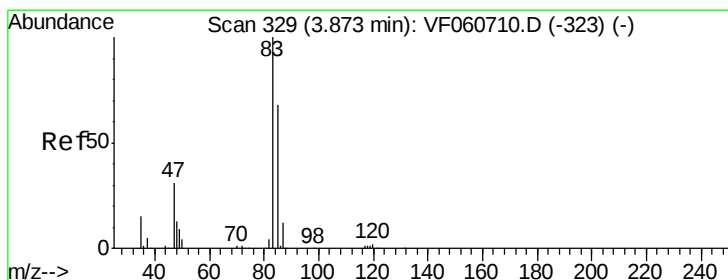
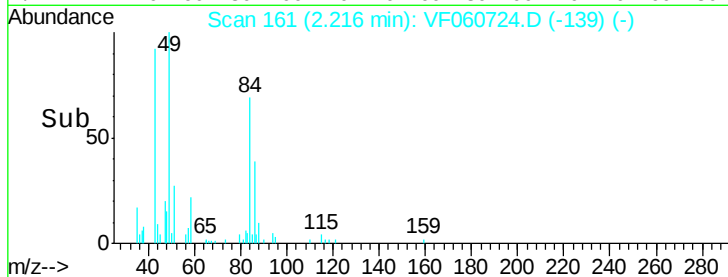
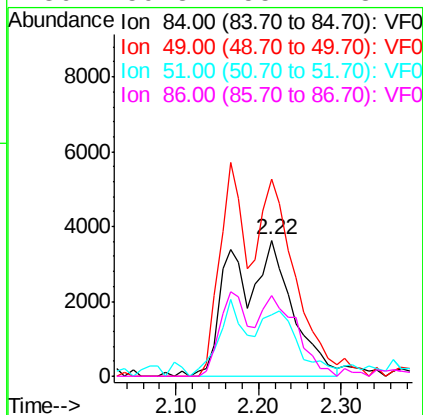
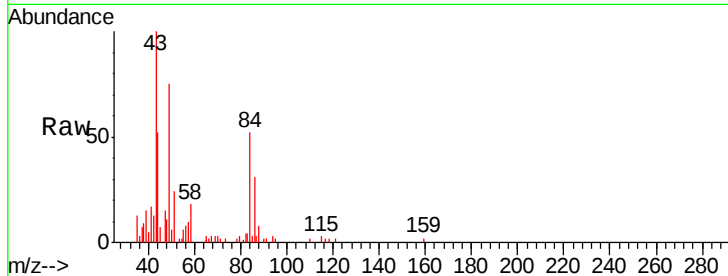
#20
Methylene Chloride
Concen: 7.30 ug/l m
RT: 2.22 min Scan# 161
Delta R.T. 0.02 min
Lab File: VF060724.D
Acq: 14 Nov 2018 15:06

Instrument :
MSVOA_F
ClientSampleId :
EP2-SB-110(24-28)

Tgt Ion:	84	Resp:	18111
Ion	Ratio	Lower	Upper
84	100		
49	145.1	120.2	180.4
51	45.6	37.2	55.8
86	59.3	55.1	82.7

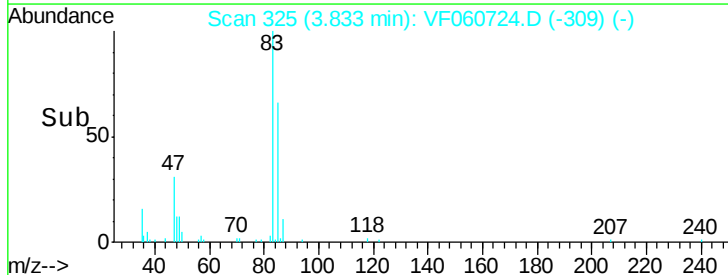
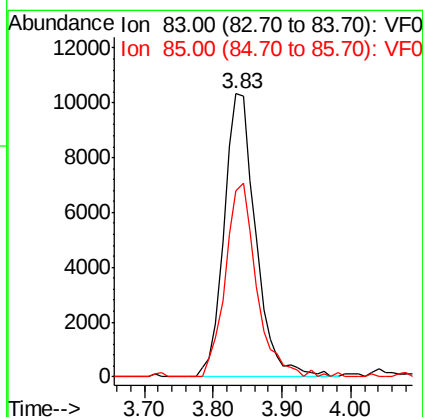
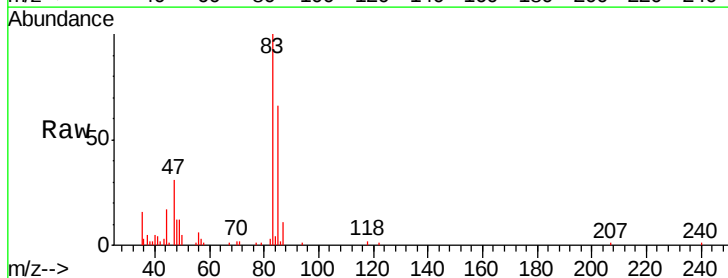
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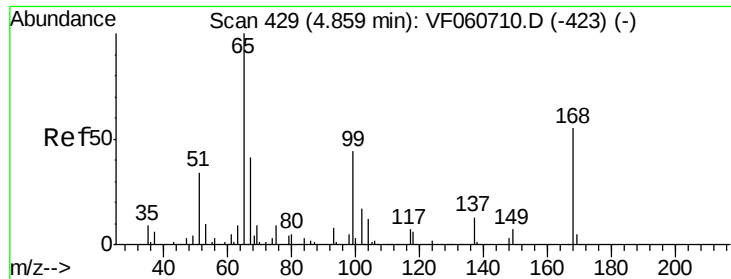
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#30
Chloroform
Concen: 5.35 ug/l
RT: 3.83 min Scan# 325
Delta R.T. -0.04 min
Lab File: VF060724.D
Acq: 14 Nov 2018 15:06

Tgt Ion:	83	Resp:	32892
Ion	Ratio	Lower	Upper
83	100		
85	66.0	54.6	82.0





#33

1,2-Dichloroethane-d4

Concen: 49.46 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.04 min

Lab File: VF060724.D

Acq: 14 Nov 2018 15:06

Instrument :

MSVOA_F

ClientSampleId :

EP2-SB-110(24-28)

Tgt Ion: 65 Resp: 129386

Ion Ratio Lower Upper

65 100

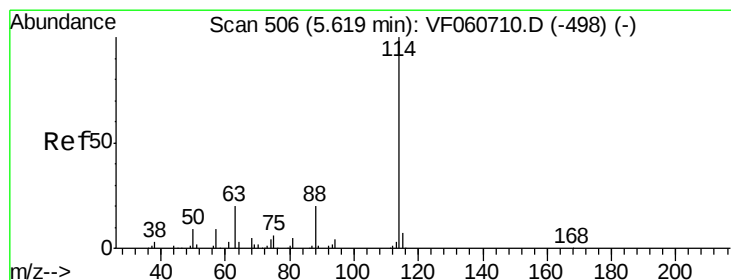
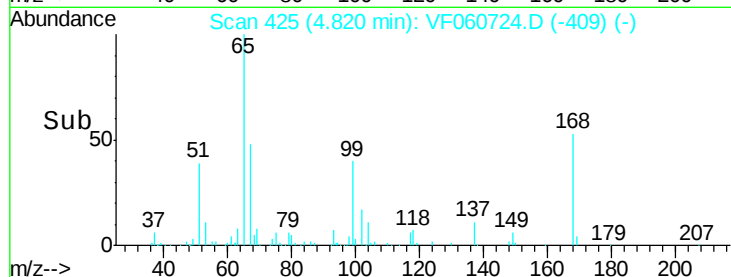
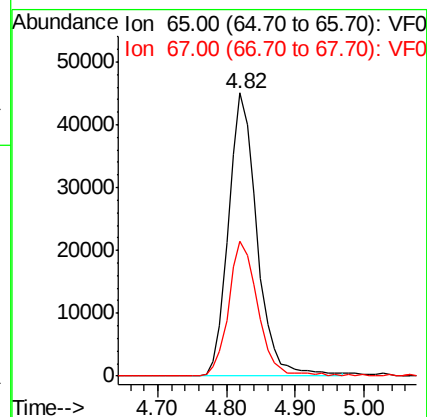
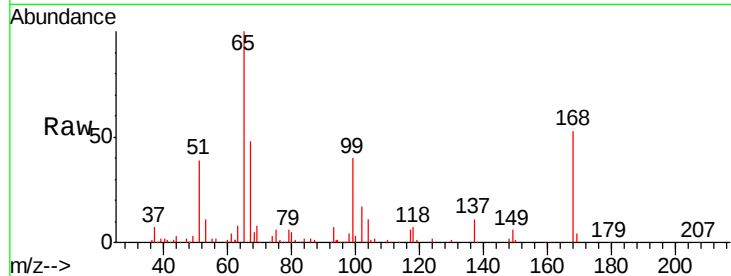
67 47.6 0.0 90.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.04 min

Lab File: VF060724.D

Acq: 14 Nov 2018 15:06

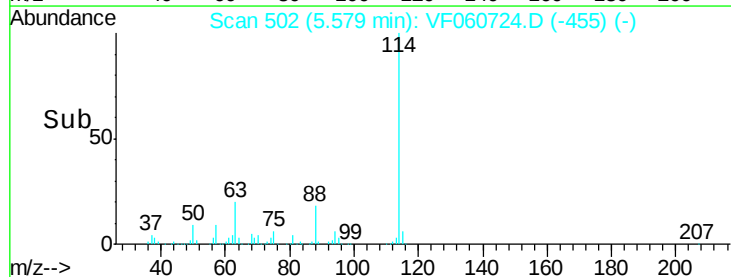
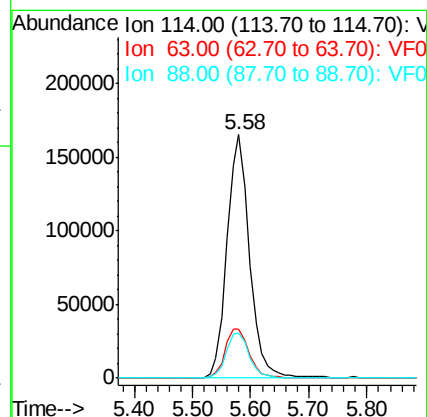
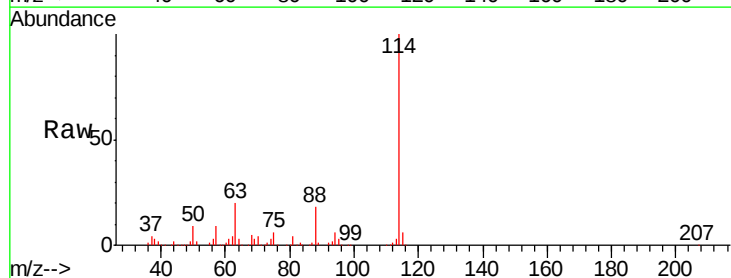
Tgt Ion: 114 Resp: 443933

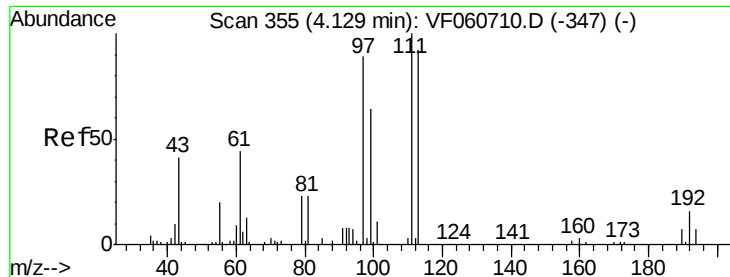
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 18.4 0.0 39.6





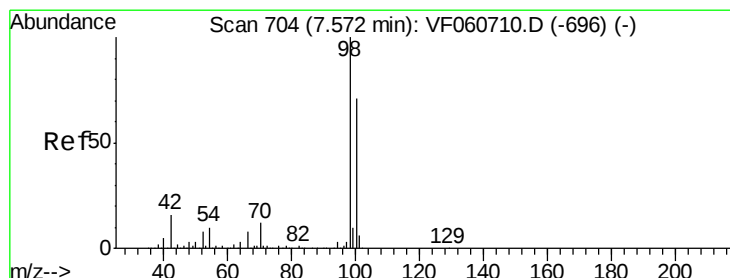
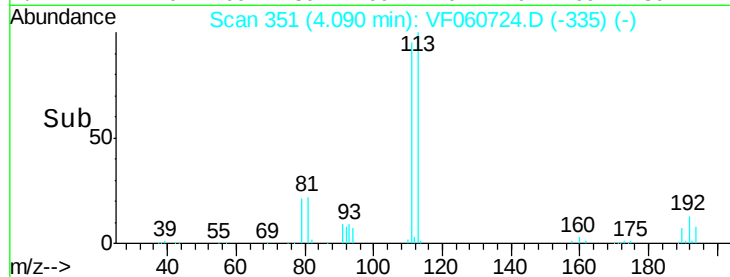
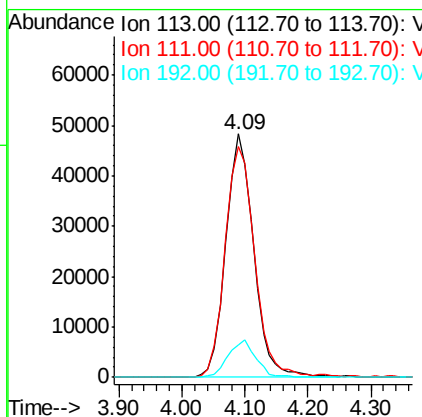
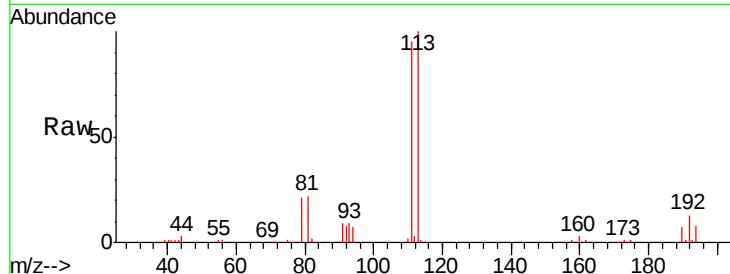
#35
 Dibromofluoromethane
 Concen: 44.45 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.04 min
 Lab File: VF060724.D
 Acq: 14 Nov 2018 15:06

Instrument :
 MSVOA_F
 ClientSampleId :
 EP2-SB-110(24-28)

Tgt Ion	Ratio	Lower	Upper
113	100		
111	94.9	87.1	130.7
192	13.4	13.8	20.6

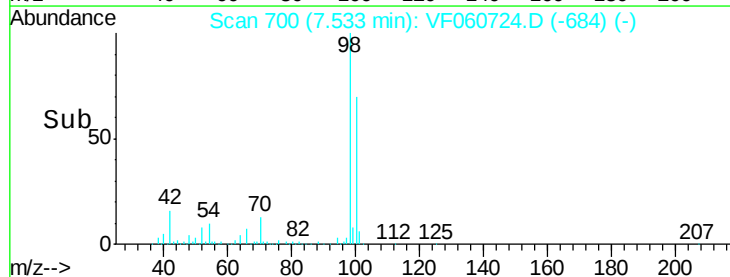
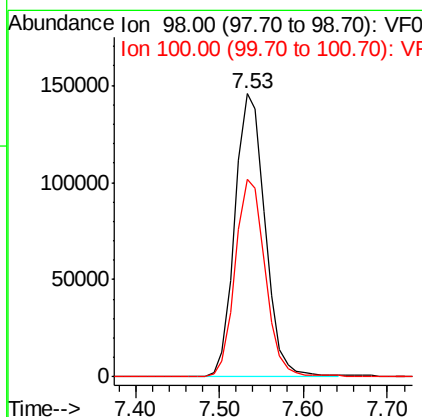
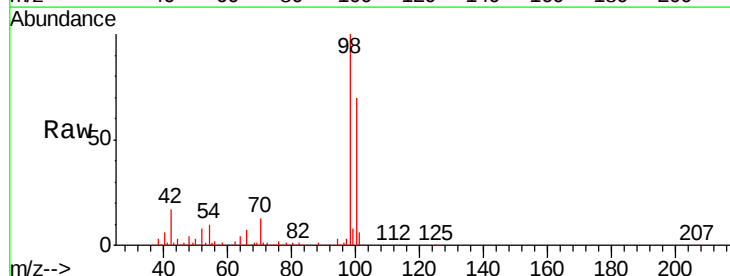
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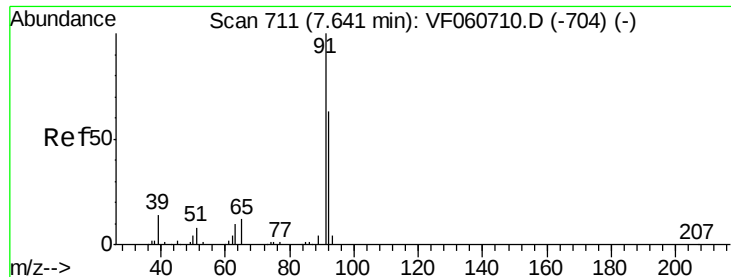
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#50
 Toluene-d8
 Concen: 42.03 ug/l
 RT: 7.53 min Scan# 700
 Delta R.T. -0.04 min
 Lab File: VF060724.D
 Acq: 14 Nov 2018 15:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.0	56.5	84.7





#52

Toluene

Concen: 1.12 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.03 min

Lab File: VF060724.D

Acq: 14 Nov 2018 15:06

Instrument :

MSVOA_F

ClientSampleId :

EP2-SB-110(24-28)

Tgt Ion: 92 Resp: 8598

Ion Ratio Lower Upper

92 100

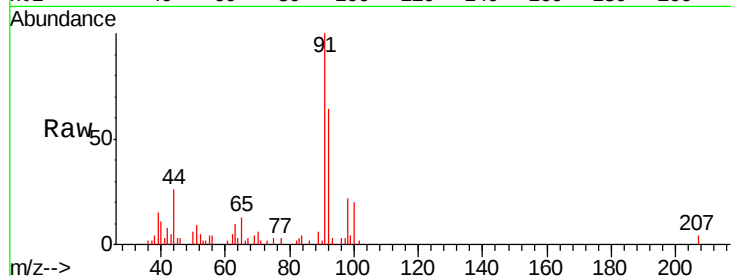
91 157.2 126.7 190.1

Manual Integrations

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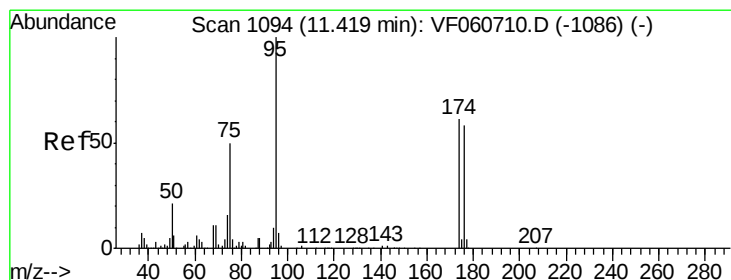
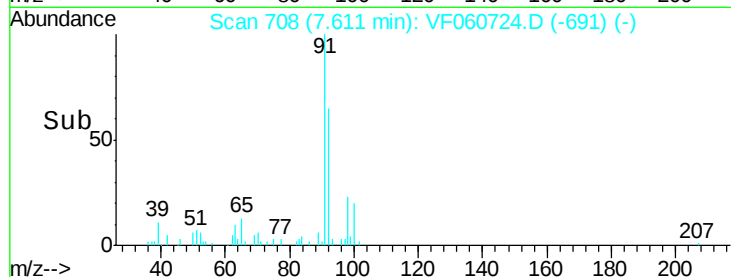
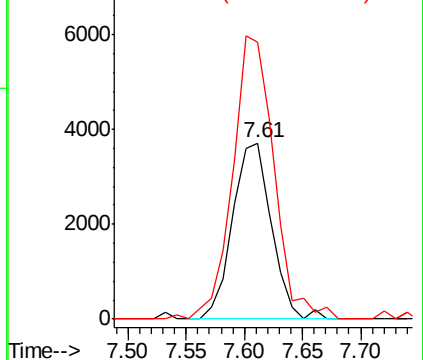
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Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 46.66 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF060724.D

Acq: 14 Nov 2018 15:06

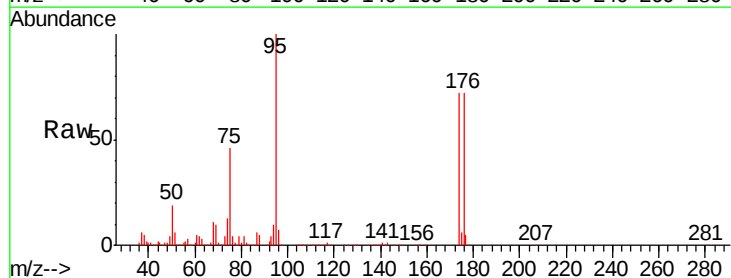
Tgt Ion: 95 Resp: 185324

Ion Ratio Lower Upper

95 100

174 71.6 0.0 121.6

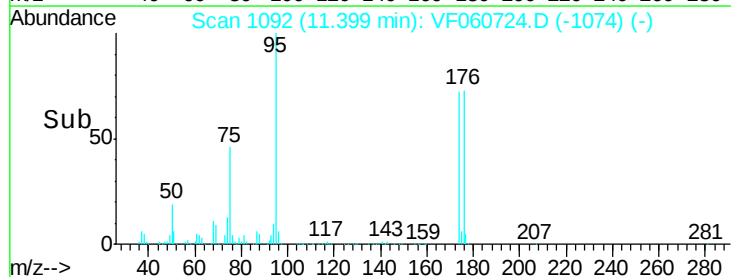
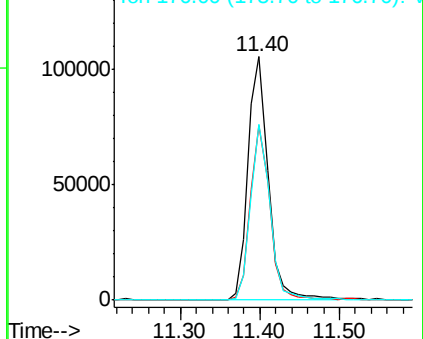
176 72.5 0.0 115.2

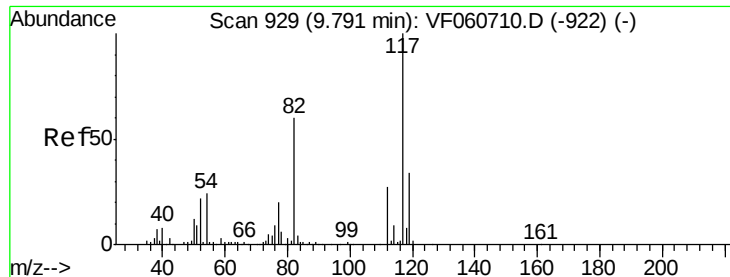


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





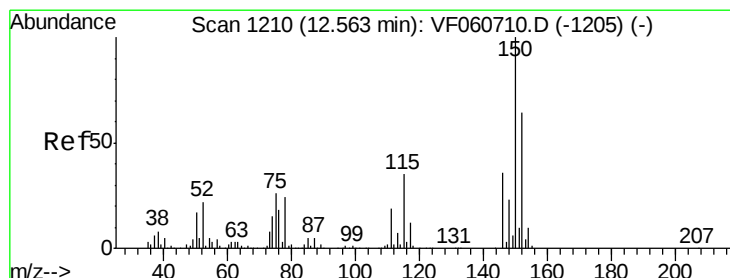
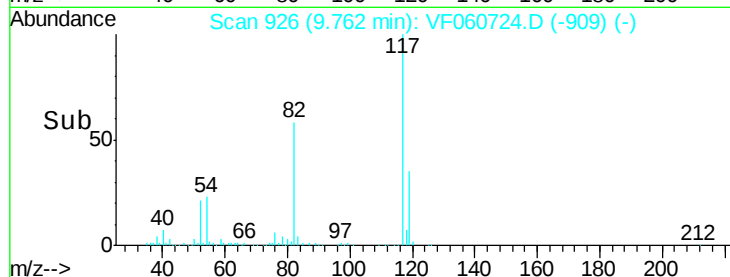
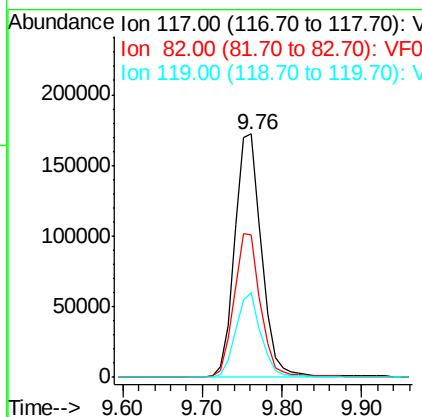
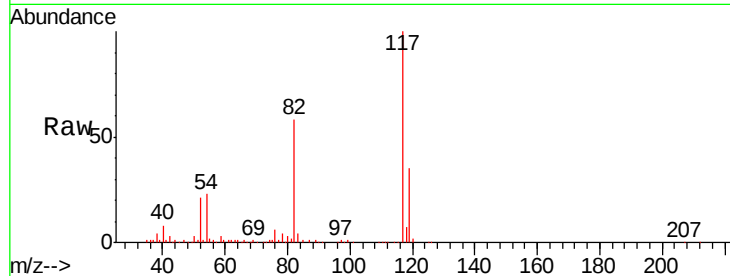
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF060724.D
Acq: 14 Nov 2018 15:06

Instrument :
MSVOA_F
ClientSampleId :
EP2-SB-110(24-28)

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	404500		
82	58.4	47.9	71.9	
119	34.9	26.8	40.2	

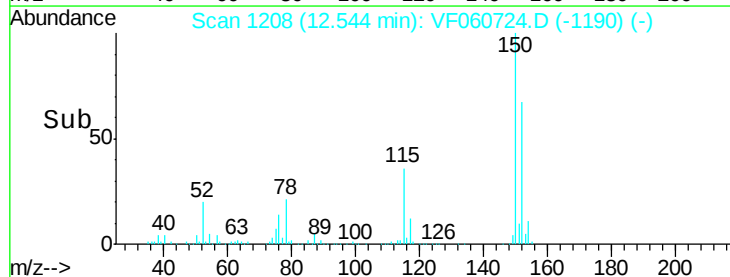
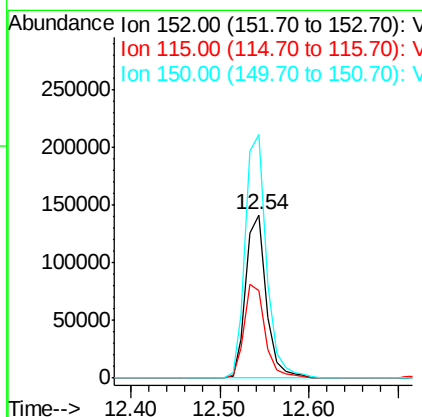
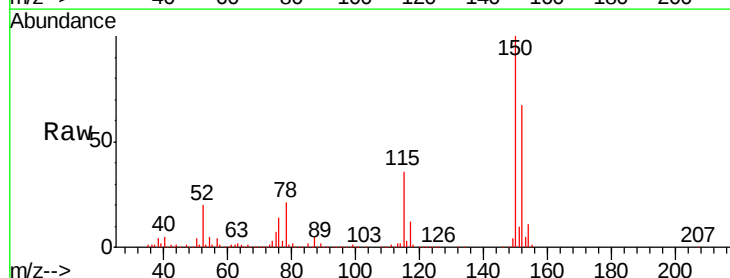
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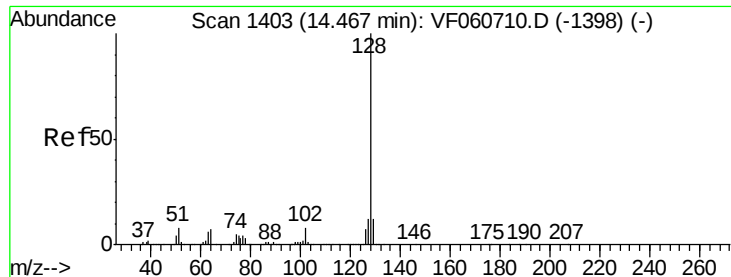
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF060724.D
Acq: 14 Nov 2018 15:06

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	227064		
115	53.9	27.9	83.7	
150	149.1	0.0	316.4	





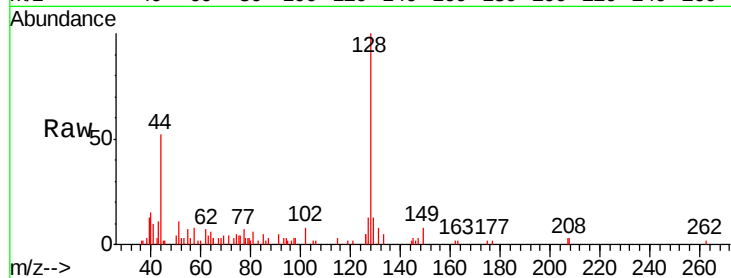
#95
Naphthalene
Concen: 1.06 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF060724.D
Acq: 14 Nov 2018 15:06

Instrument :
MSVOA_F
ClientSampleId :
EP2-SB-110(24-28)

Tgt Ion:	128	Resp:	9868
Ion Ratio	Lower	Upper	
128	100		
127	13.0	9.8	14.6
129	13.3	9.3	13.9

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

