

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111218\
 Data File : VF060700.D
 Acq On : 12 Nov 2018 22:53
 Operator : VA/AP
 Sample : J5908-07RE
 Misc : 5.87g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SR-3-SRE

Manual Integrations
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Quant Time: Nov 13 04:56:12 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	4.85	168	230513	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	396279	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	287105	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	89293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	135582	58.21	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	116.42%	
35) Dibromofluoromethane	4.10	113	149319	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	7.55	98	328983	36.27	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	72.54%	
62) 4-Bromofluorobenzene	11.40	95	115807	29.19	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	58.38%	
Target Compounds						
16) Acetone	2.23	43	7294	13.291	ug/l #	85
20) Methylene Chloride	2.17	84	12127m	2.232	ug/l	
68) m/p-Xylenes	10.12	106	7617	1.898	ug/l	76
69) o-Xylene	10.70	106	4630	1.056	ug/l	83
84) 1,2,4-Trimethylbenzene	12.20	105	10387	1.848	ug/l	92
95) Naphthalene	14.45	128	4680	1.230	ug/l #	86

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

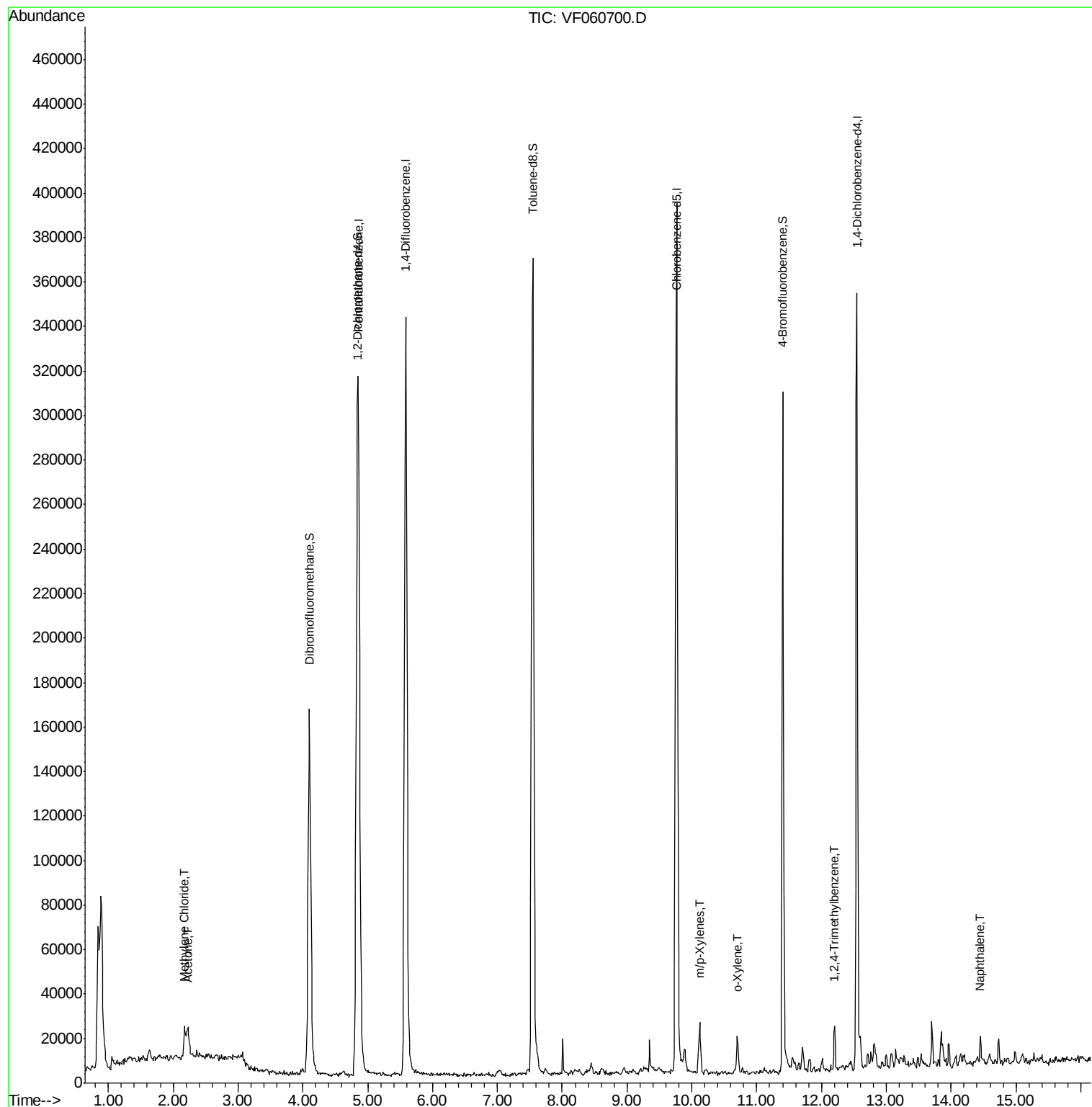
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111218\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060700.D

Acq: 12 Nov 2018 22:53

Instrument :

MSVOA_F

ClientSampleId :

SR-3-SRE

Tot Ion:168 Resp: 230513

Ion Ratio Lower Upper

168 100

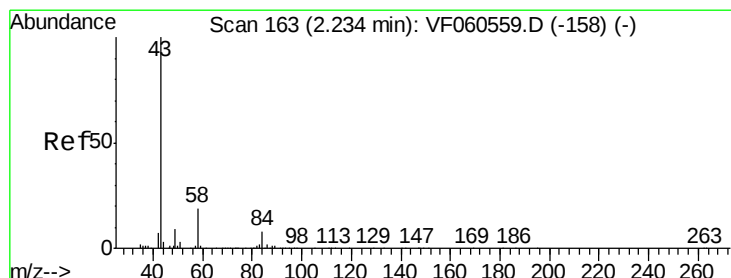
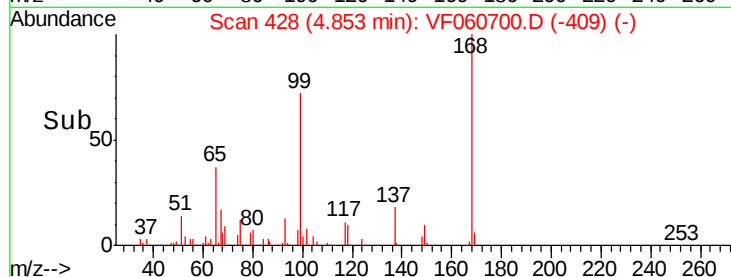
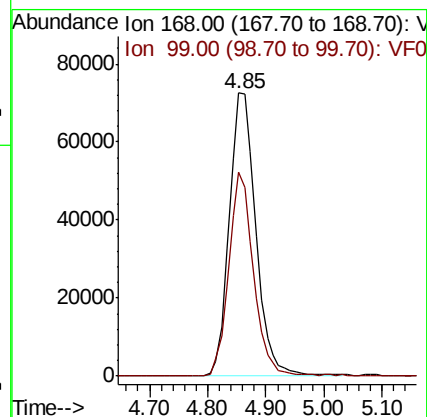
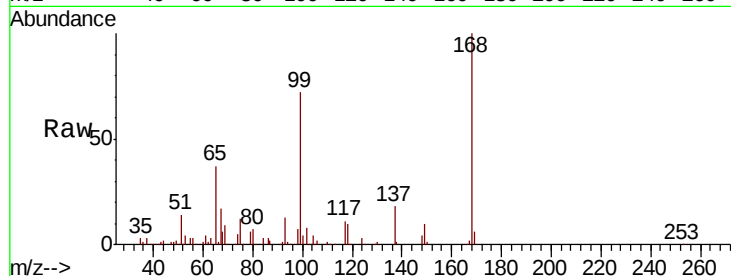
99 72.2 48.6 72.8

Manual Integrations

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#16

Acetone

Concen: 13.291 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF060700.D

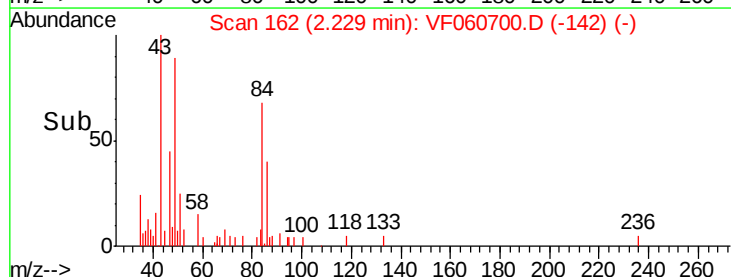
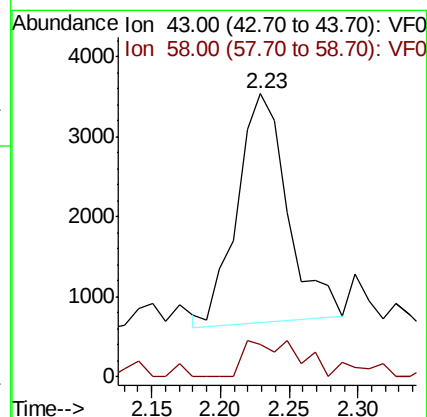
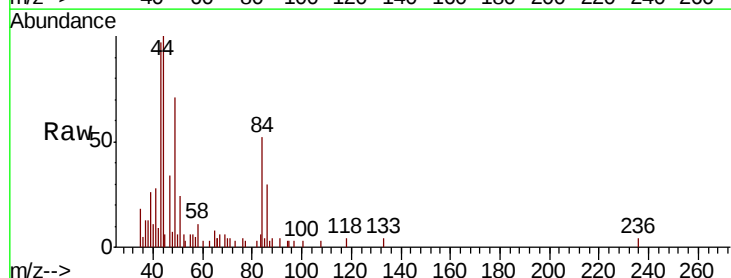
Acq: 12 Nov 2018 22:53

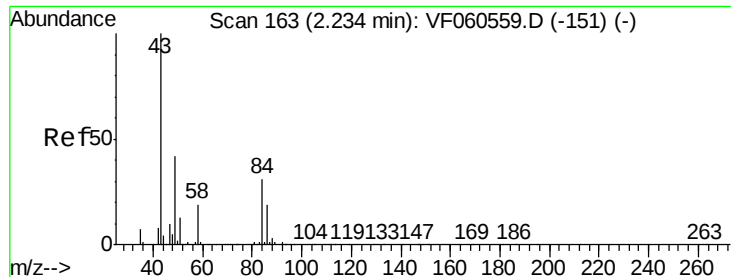
Tgt Ion: 43 Resp: 7294

Ion Ratio Lower Upper

43 100

58 11.6 14.6 22.0#





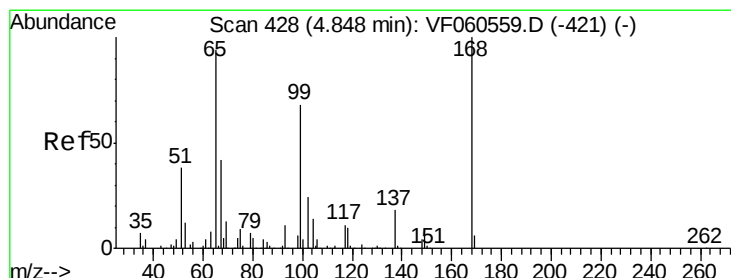
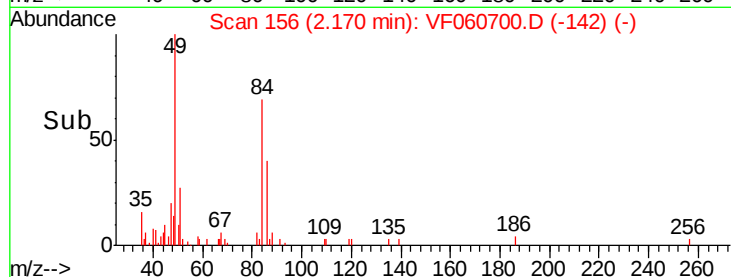
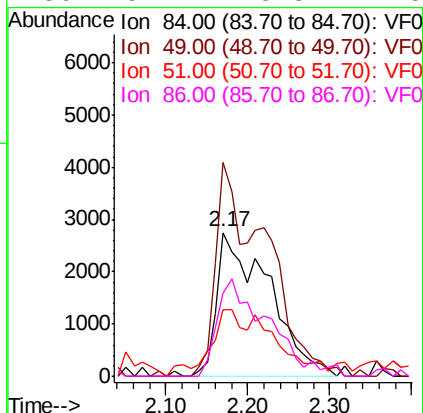
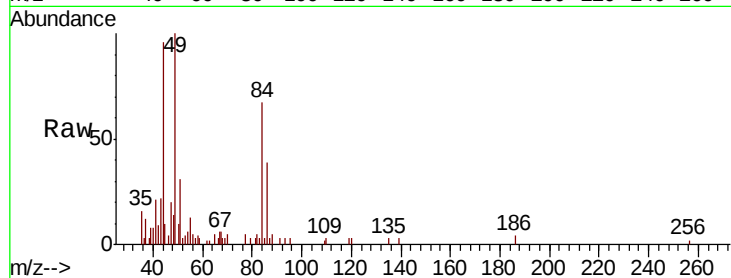
#20
Methvlene Chloride
Concen: 2.232 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.06 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tot Ion:	84	Resp:	12127
Ion	Ratio	Lower	Upper
84	100		
49	148.7	109.9	164.9
51	46.0	35.8	53.8
86	57.7	48.3	72.5

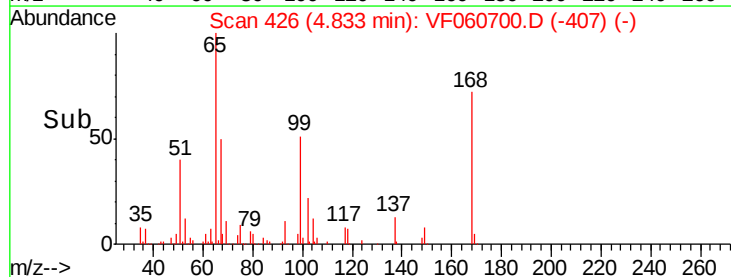
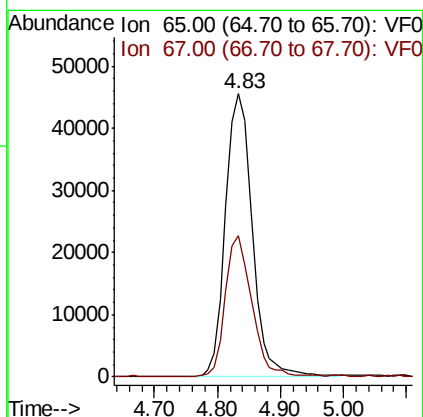
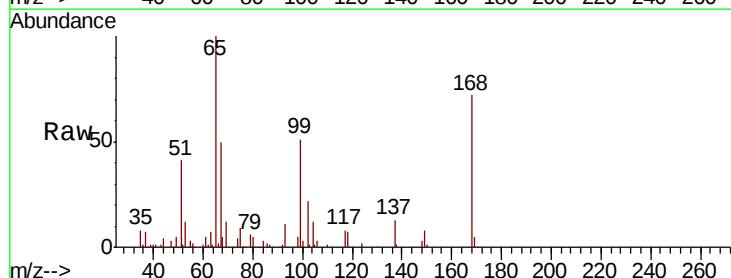
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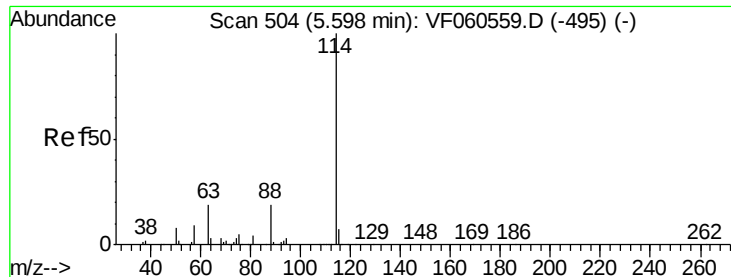
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#33
1,2-Dichloroethane-d4
Concen: 58.214 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion:	65	Resp:	135582
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF060700.D

Acq: 12 Nov 2018 22:53

Instrument :

MSVOA_F

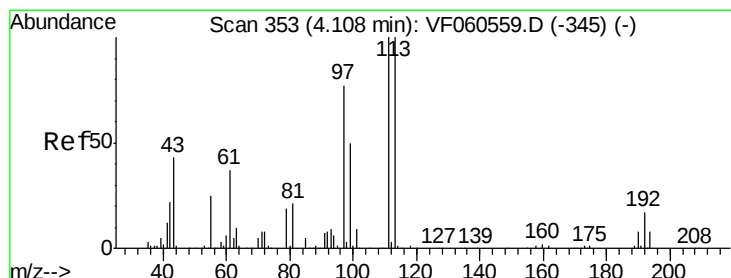
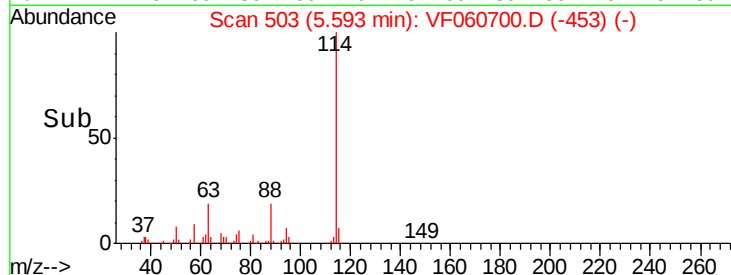
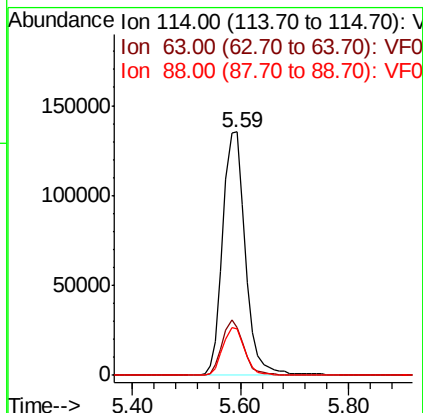
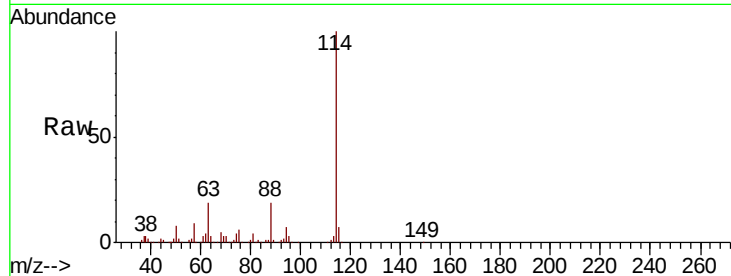
ClientSampleId :

SR-3-SRE

Tot Ion:	114	Resp:	396279
Ion Ratio	Lower	Upper	
114	100		
63	19.5	0.0	39.0
88	19.1	0.0	38.2

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#35

Dibromofluoromethane

Concen: 48.771 ug/l

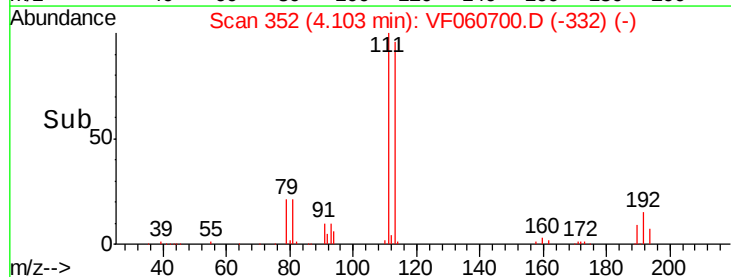
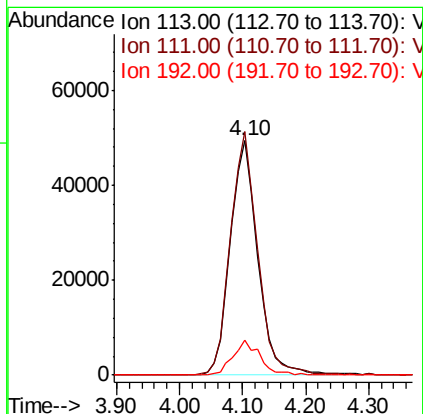
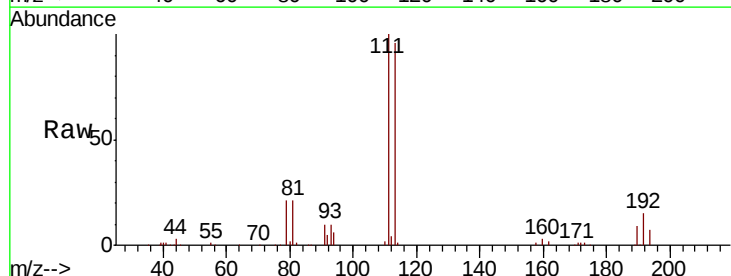
RT: 4.10 min Scan# 352

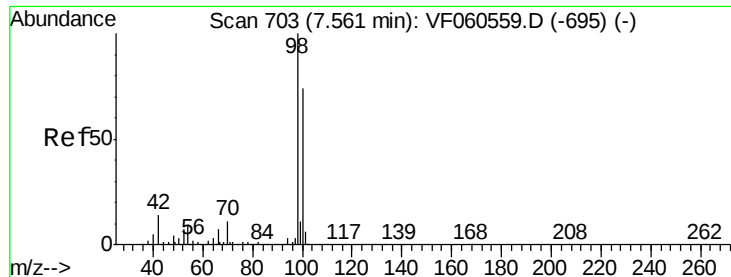
Delta R.T. -0.00 min

Lab File: VF060700.D

Acq: 12 Nov 2018 22:53

Tgt Ion:	113	Resp:	149319
Ion Ratio	Lower	Upper	
113	100		
111	103.9	79.9	119.9
192	15.1	13.3	19.9





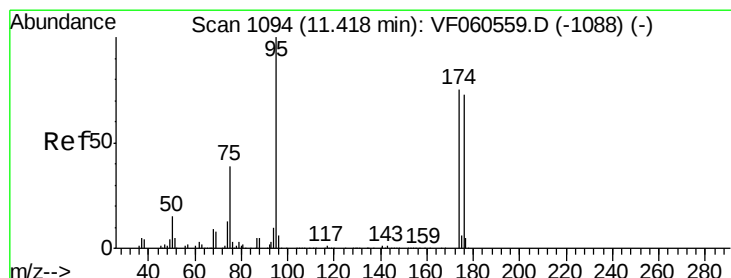
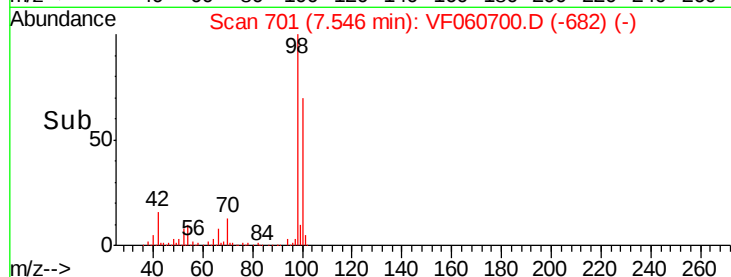
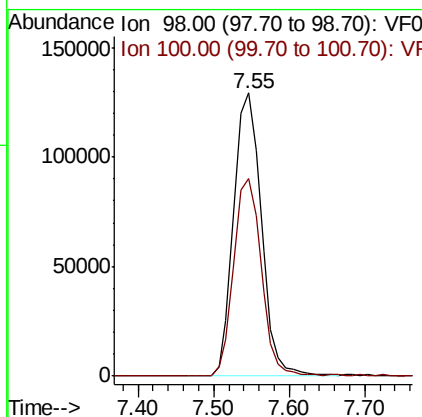
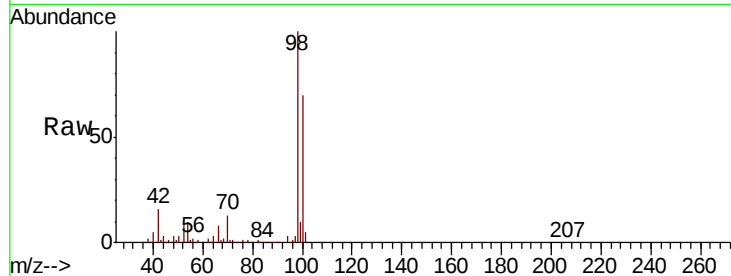
#50
Toluene-d8
Concen: 36.274 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	69.8	59.4	89.2	

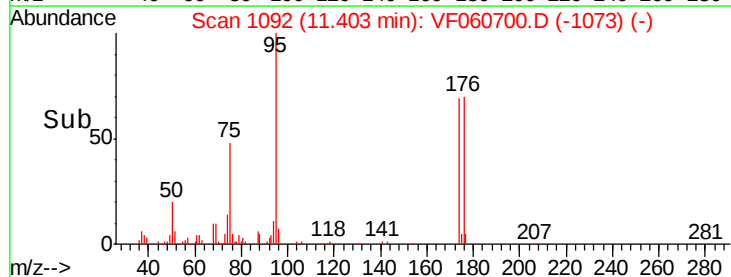
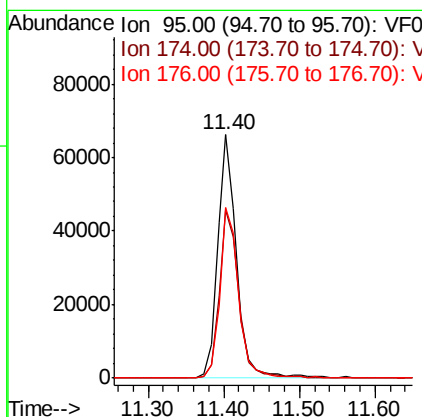
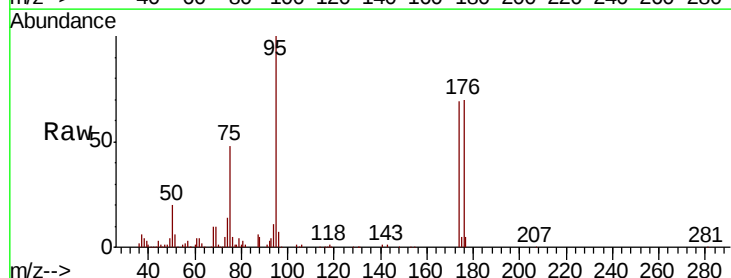
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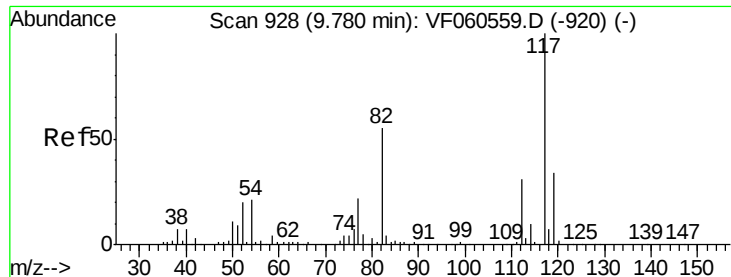
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#62
4-Bromofluorobenzene
Concen: 29.192 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	69.1	0.0	149.0	
176	70.1	0.0	145.6	





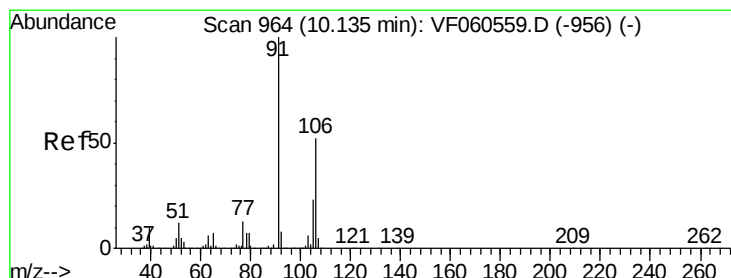
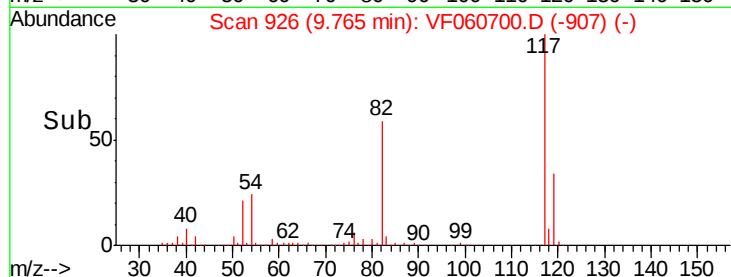
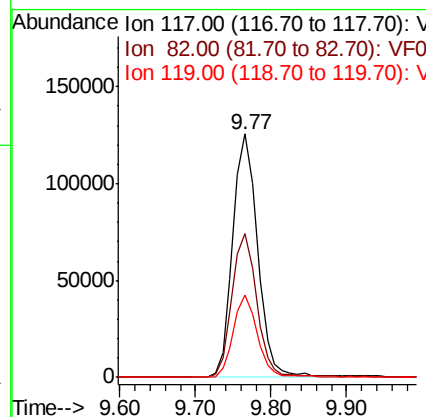
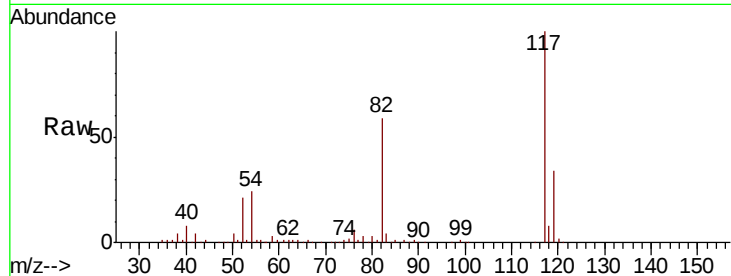
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	59.1	43.9	65.9
119	33.9	27.4	41.0

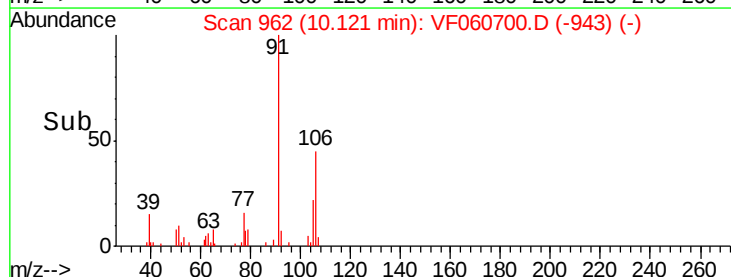
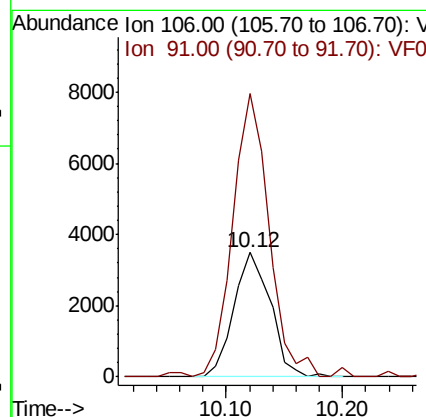
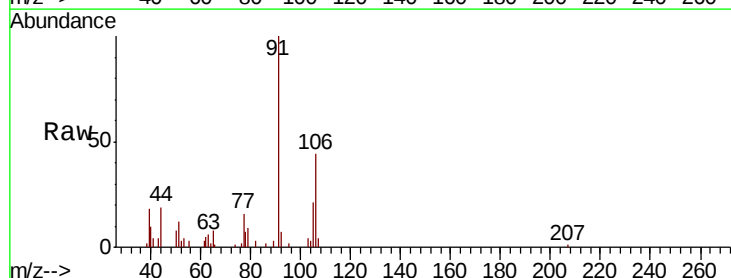
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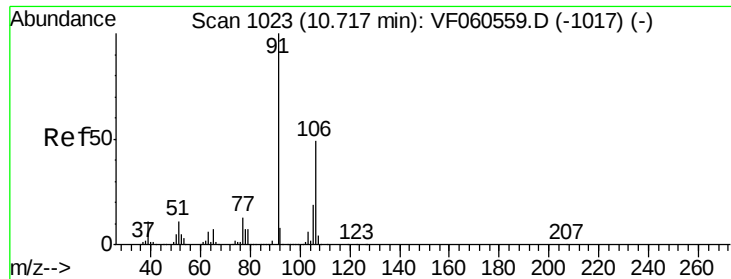
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#68
m/p-Xylenes
Concen: 1.898 ug/l
RT: 10.12 min Scan# 962
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
106	100		
91	227.6	153.9	230.9





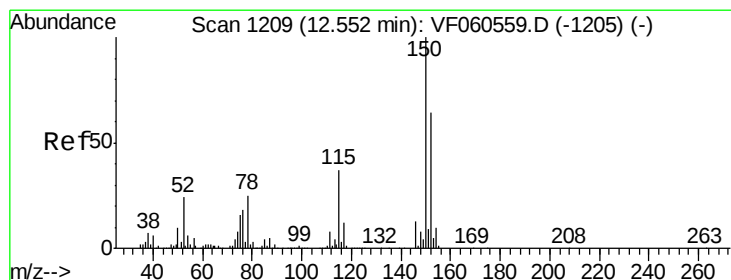
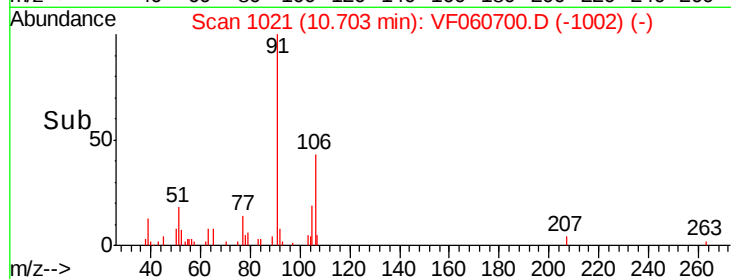
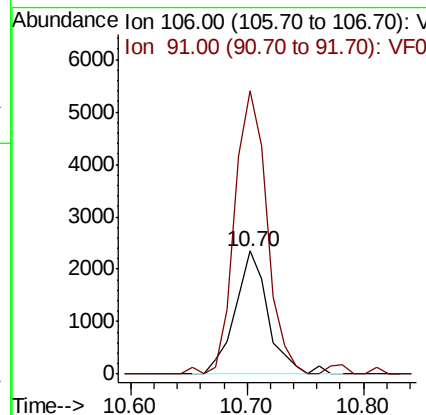
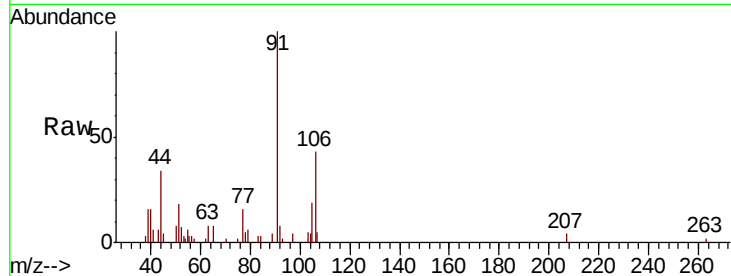
#69
o-Xylene
Concen: 1.056 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.01 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Instrument :
MSVOA_F
ClientSampleId :
SR-3-SRE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	230.1	101.8	305.3		

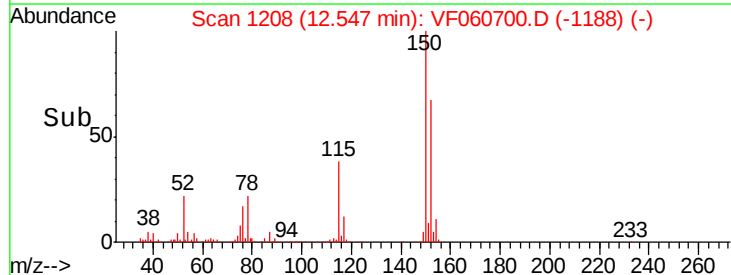
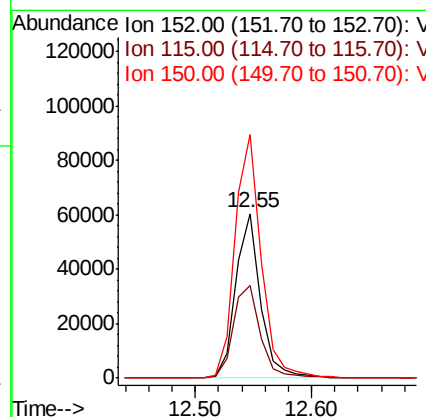
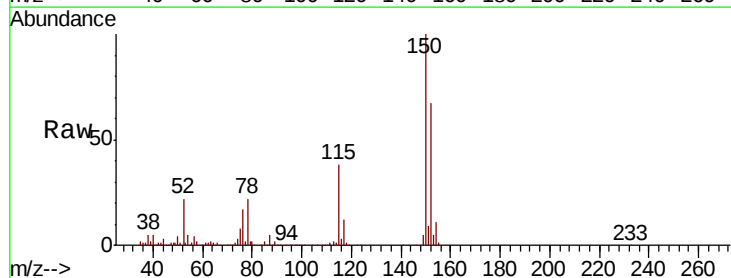
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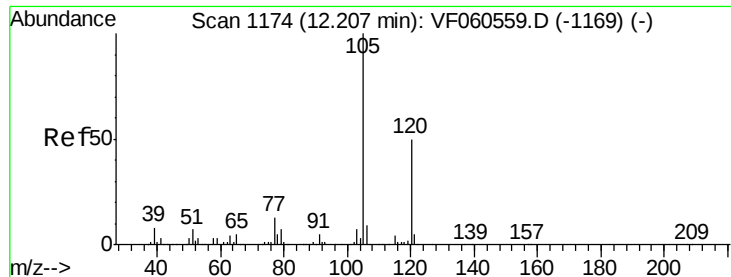
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF060700.D
Acq: 12 Nov 2018 22:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	56.1	29.6	88.8		
150	148.2	0.0	315.6		





#84

1,2,4-Trimethylbenzene

Concen: 1.848 ug/l

RT: 12.20 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VF060700.D

Acq: 12 Nov 2018 22:53

Instrument :

MSVOA_F

ClientSampleId :

SR-3-SRE

Tot Ion:105 Resp: 10387

Ion Ratio Lower Upper

105 100

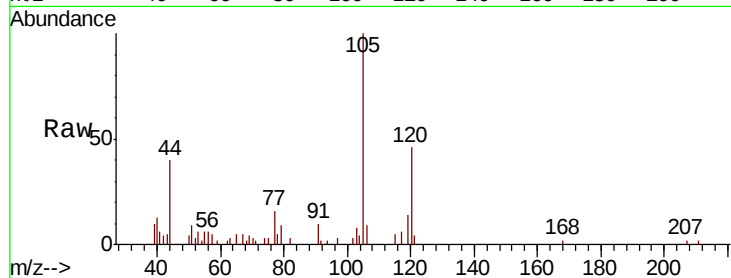
120 45.6 25.6 76.8

Manual Integrations

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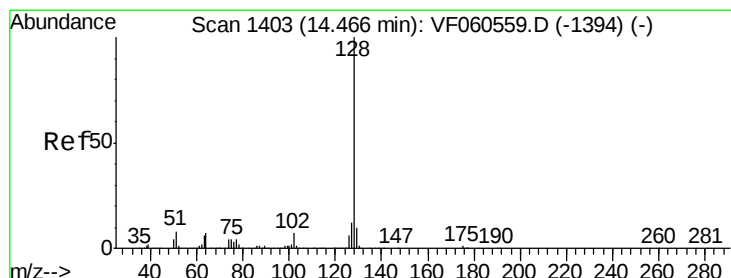
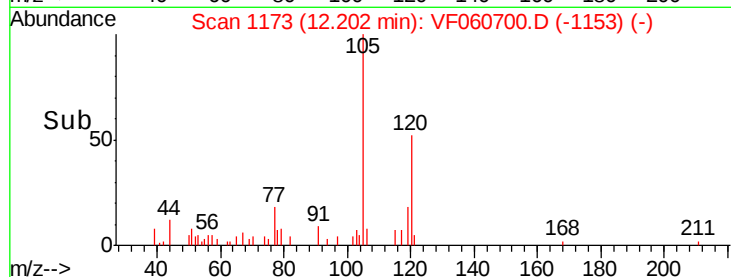
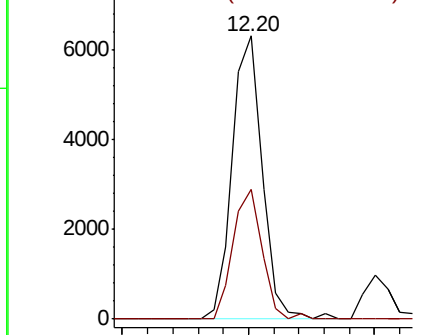
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.230 ug/l

RT: 14.45 min Scan# 1401

Delta R.T. -0.01 min

Lab File: VF060700.D

Acq: 12 Nov 2018 22:53

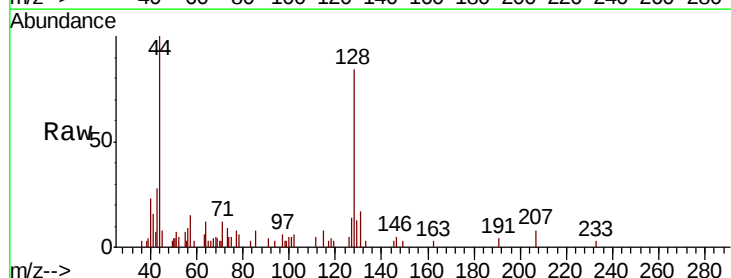
Tgt Ion:128 Resp: 4680

Ion Ratio Lower Upper

128 100

127 17.2 9.4 14.0#

129 15.5 8.4 12.6#



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

