

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060236.D
 Acq On : 10 Sep 2018 15:52
 Operator : VA/AP
 Sample : J4803-12
 Misc : 5.70/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-H7

Manual Integrations
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Quant Time: Sep 13 11:48:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 07 10:44:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	164197	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	240222	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	153745	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.67	152	84926	50.00	ug/l	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	122738	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery =	85.58%		
35) Dibromofluoromethane	4.29	113	101837	43.27	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.54%		
50) Toluene-d8	7.72	98	204857	34.88	ug/l	0.01
Spiked Amount 50.000			Recovery =	69.76%		
62) 4-Bromofluorobenzene	11.41	95	349321	105.42	ug/l	-0.09
Spiked Amount 50.000			Recovery =	210.84%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	8669	22.22	ug/l	97
18) Methyl Acetate	2.47	43	3882	4.00	ug/l #	64
68) m/p-Xylenes	10.28	106	482288	242.11	ug/l	99
80) 1,3,5-Trimethylbenzene	11.97	105	11534485m	2230.51	ug/l	
83) tert-Butylbenzene	12.26	119	858777	182.24	ug/l	90
84) 1,2,4-Trimethylbenzene	12.35	105	14056867	2675.71	ug/l	72
85) sec-Butylbenzene	12.43	105	427488	65.76	ug/l	97
86) p-Isopropyltoluene	12.56	119	9438221	1635.07	ug/l	81
95) Naphthalene	14.53	128	403889	121.81	ug/l #	93

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

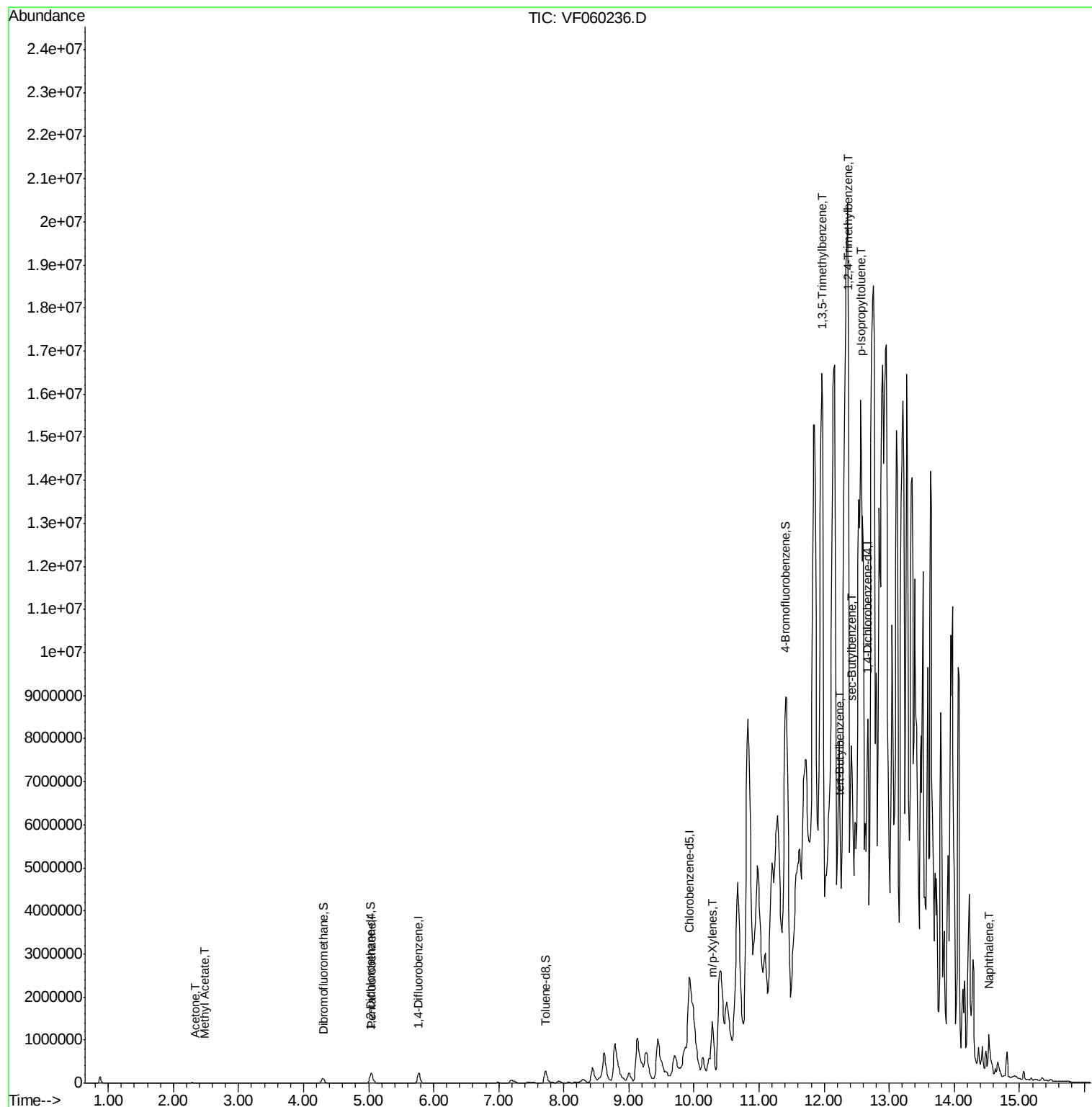
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
Data File : VF060236.D
Acq On : 10 Sep 2018 15:52
Operator : VA/AP
Sample : J4803-12
Misc : 5.70/5mL/MSVOA F/SOIL
ALS Vial : 12 Sample Multiplier: 1

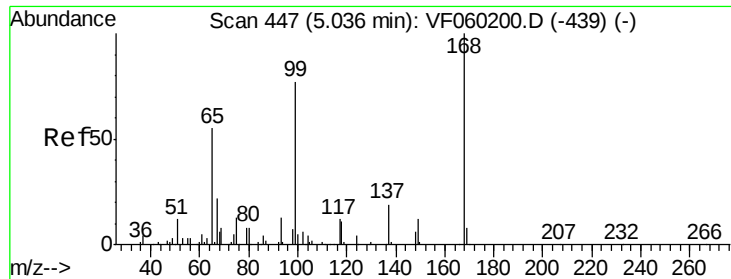
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H7

Quant Time: Sep 13 11:48:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F090618S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 07 10:44:05 2018
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060236.D

Acq: 10 Sep 2018 15:52

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-H7

Tot Ion:168 Resp: 164197

Ion Ratio Lower Upper

168 100

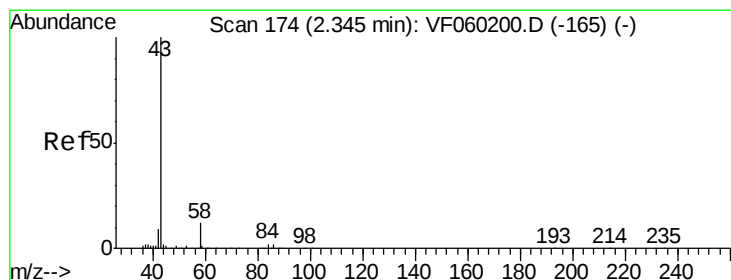
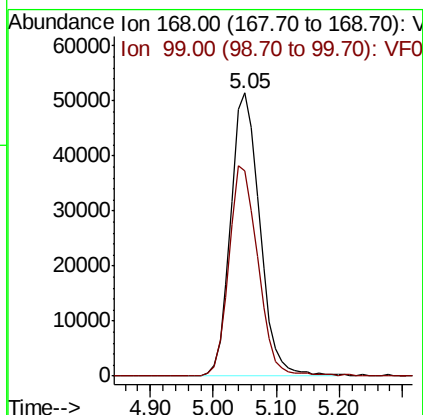
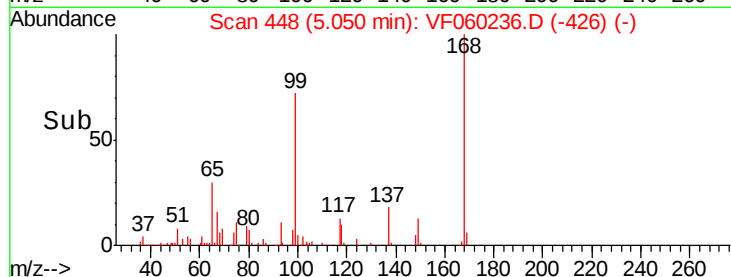
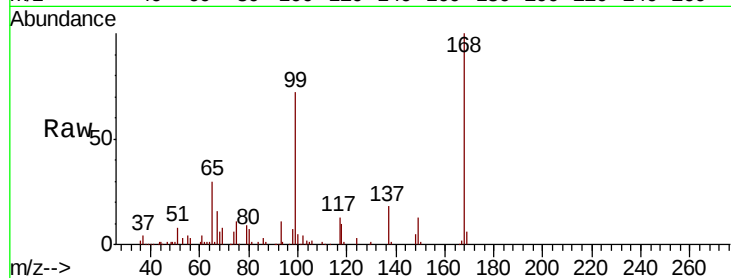
99 72.4 61.8 92.6

Manual Integrations

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#16

Acetone

Concen: 22.22 ug/l

RT: 2.34 min Scan# 173

Delta R.T. -0.01 min

Lab File: VF060236.D

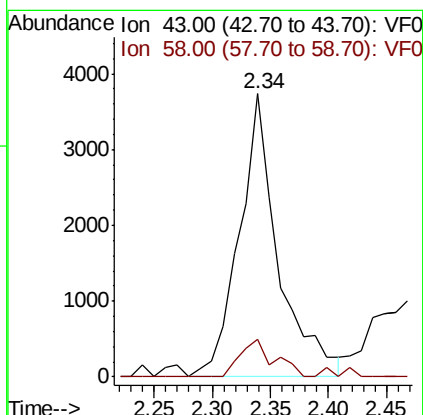
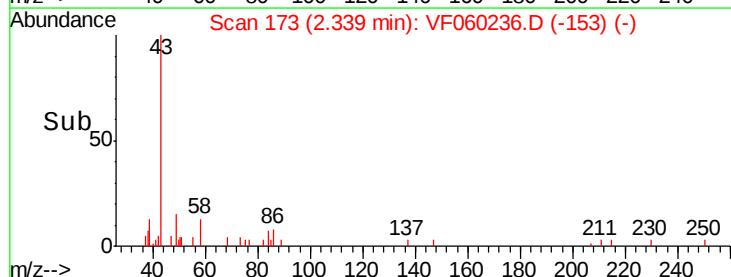
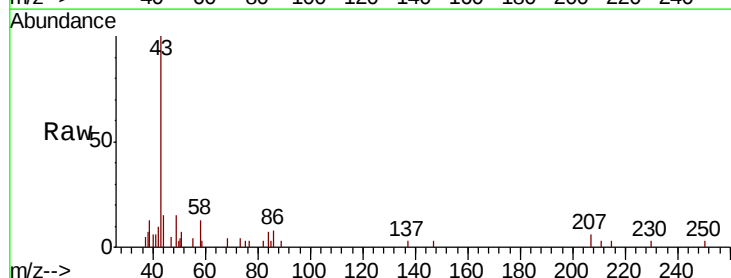
Acq: 10 Sep 2018 15:52

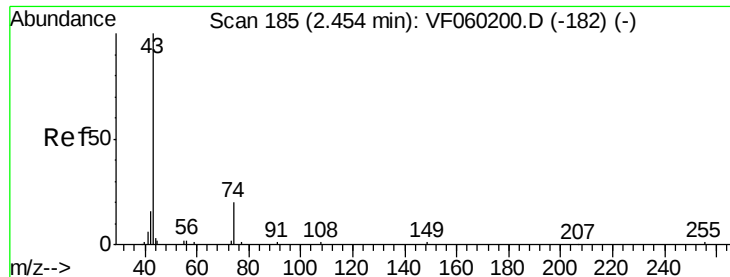
Tgt Ion: 43 Resp: 8669

Ion Ratio Lower Upper

43 100

58 13.3 9.7 14.5





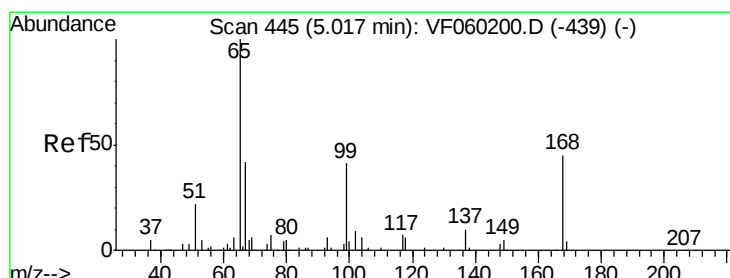
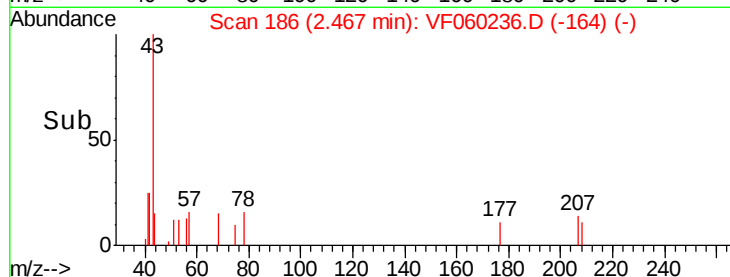
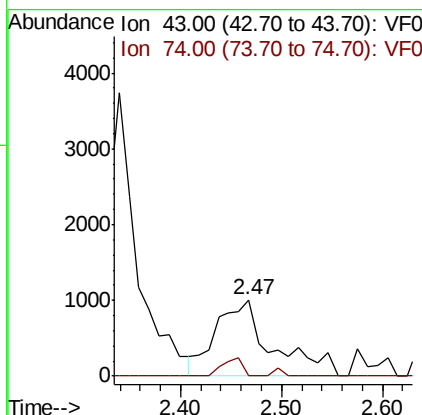
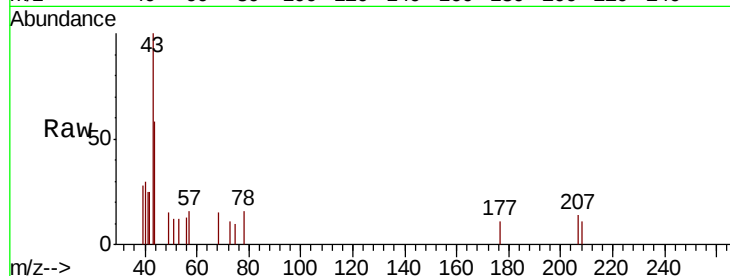
#18
Methvl Acetate
Concen: 4.00 ug/l
RT: 2.47 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF060236.D
Acq: 10 Sep 2018 15:52

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H7

Tot Ion: 43 Resp: 3882
Ion Ratio Lower Upper
43 100
74 0.0 11.9 17.9#

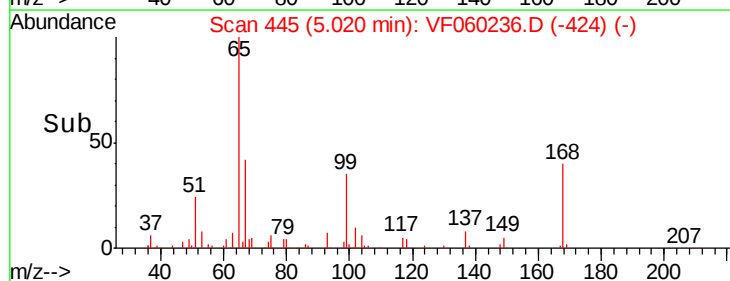
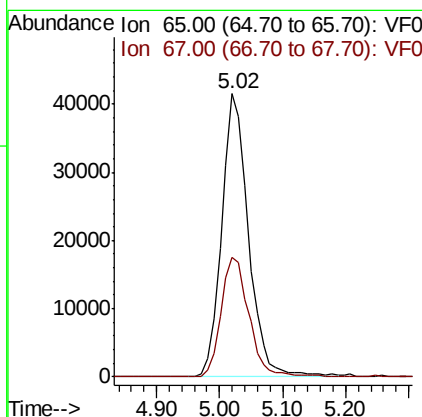
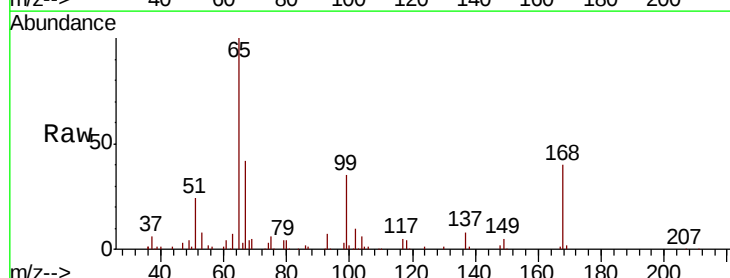
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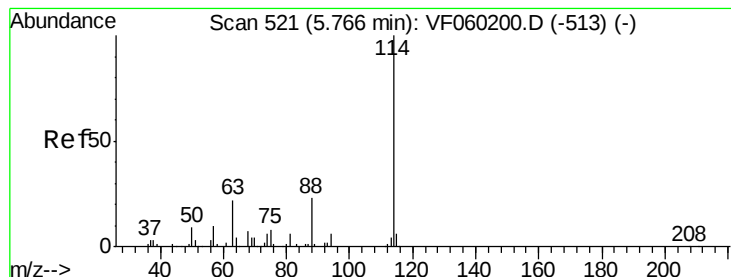
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#33
1,2-Dichloroethane-d4
Concen: 42.79 ug/l
RT: 5.02 min Scan# 445
Delta R.T. 0.00 min
Lab File: VF060236.D
Acq: 10 Sep 2018 15:52

Tgt Ion: 65 Resp: 122738
Ion Ratio Lower Upper
65 100
67 42.0 0.0 87.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 521

Delta R.T. 0.00 min

Lab File: VF060236.D

Acq: 10 Sep 2018 15:52

Instrument :

MSVOA_F

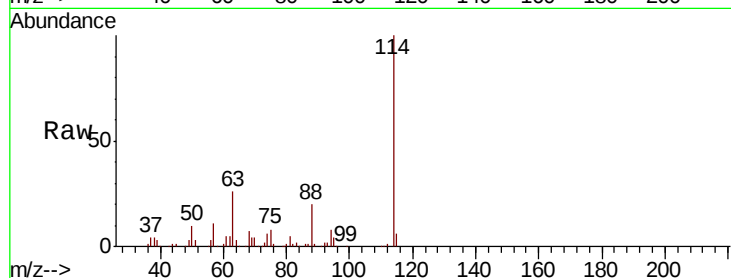
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EP1-Q2-H7

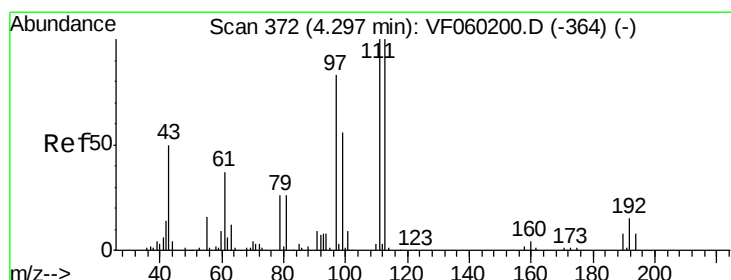
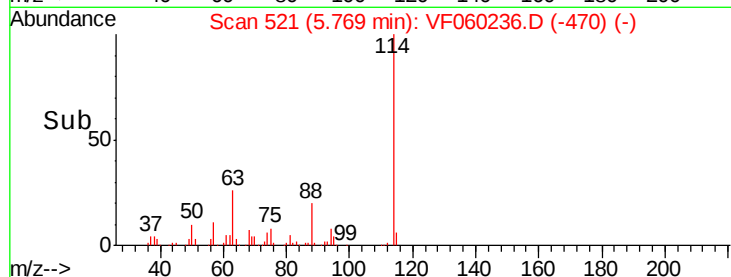
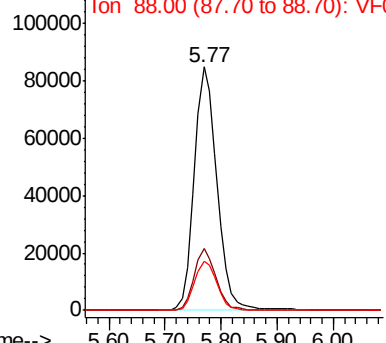
Tot Ion:	114	Resp:	240222
Ion Ratio	Lower	Upper	
114	100		
63	25.6	0.0	45.6
88	20.0	0.0	46.4

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Abundance Ion 114.00 (113.70 to 114.70): V



#35

Dibromofluoromethane

Concen: 43.27 ug/l

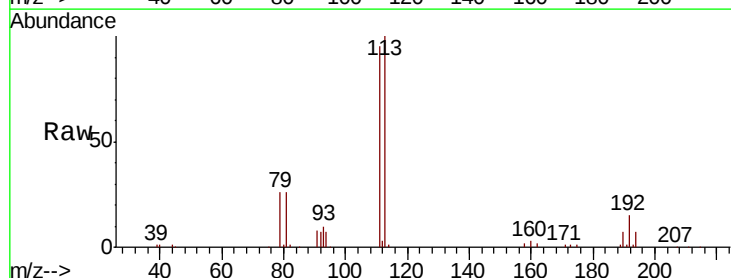
RT: 4.29 min Scan# 371

Delta R.T. -0.01 min

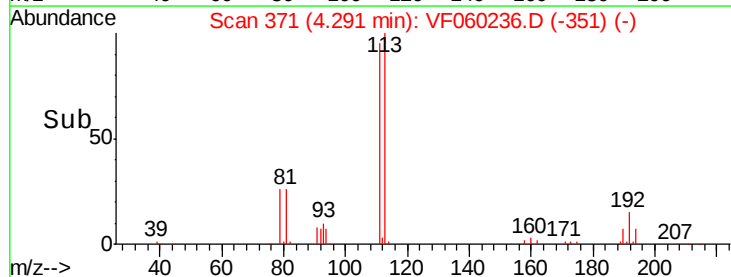
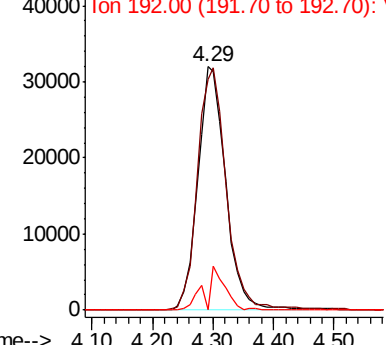
Lab File: VF060236.D

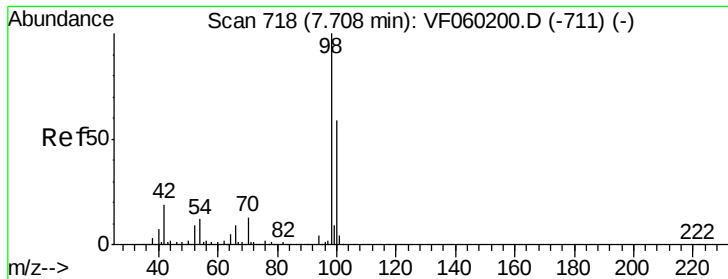
Acq: 10 Sep 2018 15:52

Tgt Ion:	113	Resp:	101837
Ion Ratio	Lower	Upper	
113	100		
111	94.8	80.2	120.2
192	0.0	11.8	17.8#



Abundance Ion 113.00 (112.70 to 113.70): V





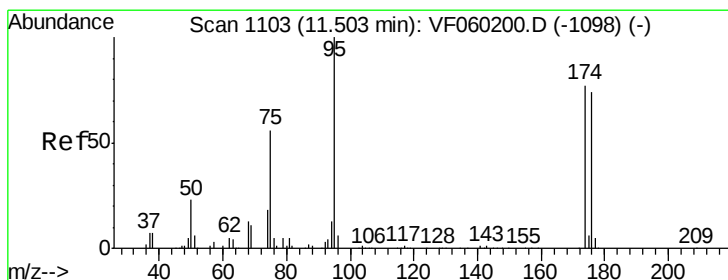
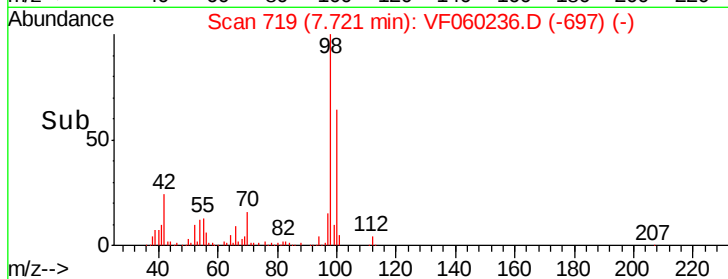
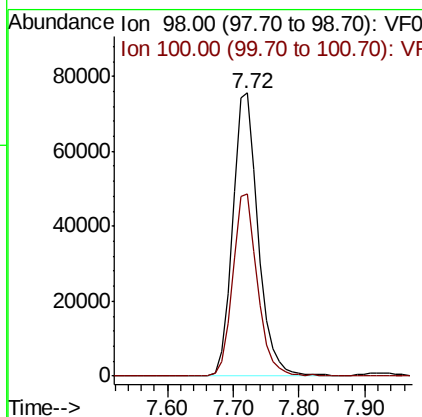
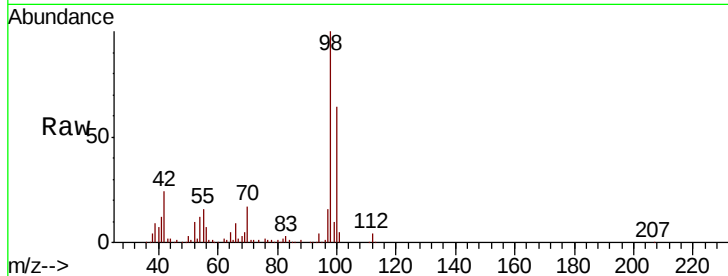
#50
Toluene-d8
Concen: 34.88 ug/l
RT: 7.72 min Scan# 719
Delta R.T. 0.01 min
Lab File: VF060236.D
Acq: 10 Sep 2018 15:52

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H7

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.4	47.4	71.0

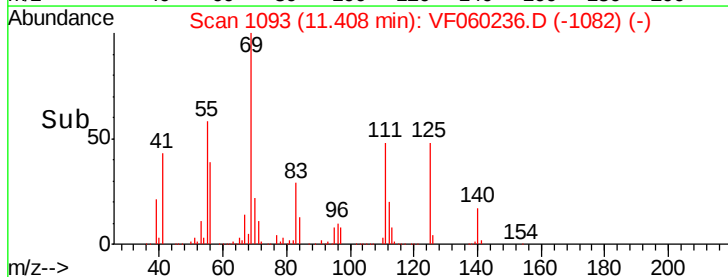
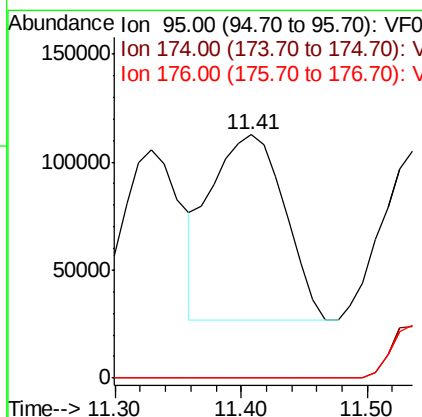
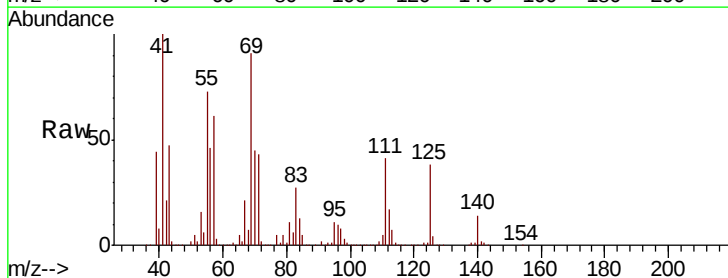
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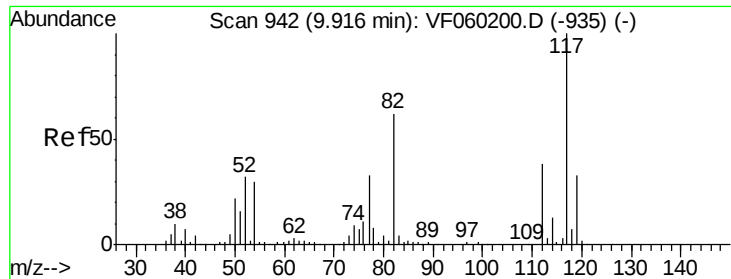
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#62
4-Bromofluorobenzene
Concen: 105.42 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.09 min
Lab File: VF060236.D
Acq: 10 Sep 2018 15:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	153.2
176	0.0	0.0	147.2





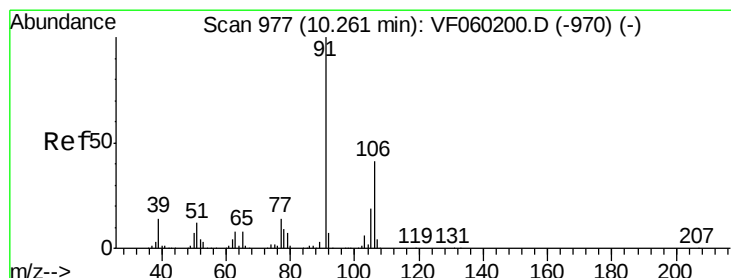
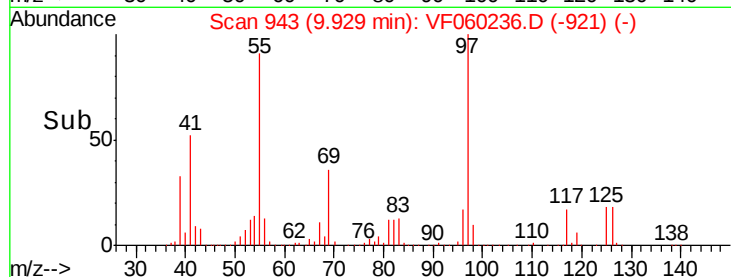
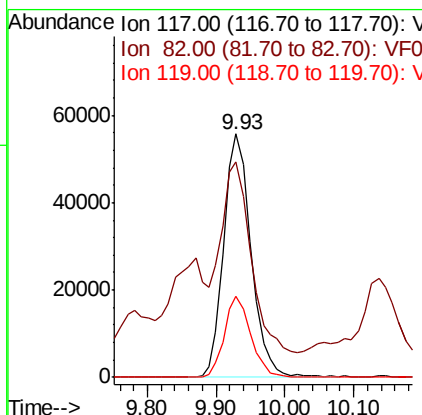
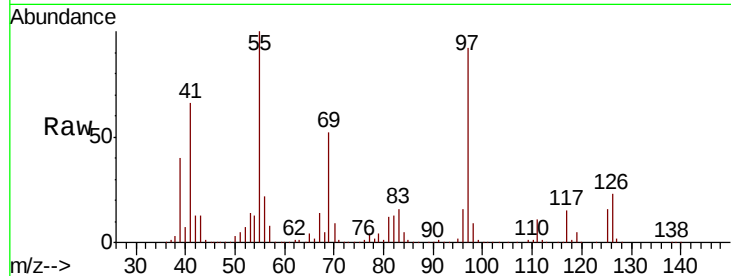
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 943
Delta R.T. 0.01 min
Lab File: VF060236.D
Acq: 10 Sep 2018 15:52

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H7

Tot Ion	Ratio	Lower	Upper
117	100		
82	88.7	49.3	73.9#
119	33.2	26.5	39.7

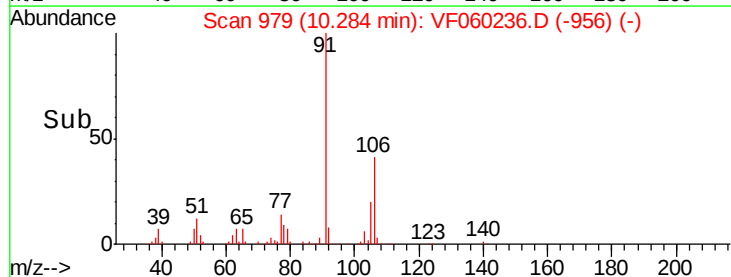
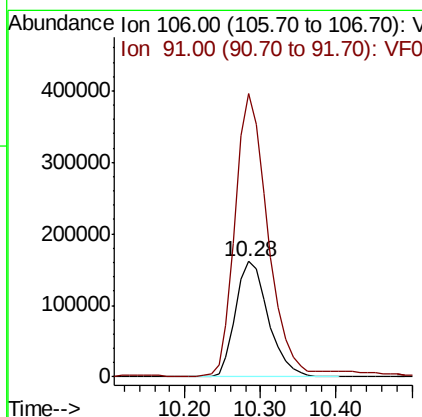
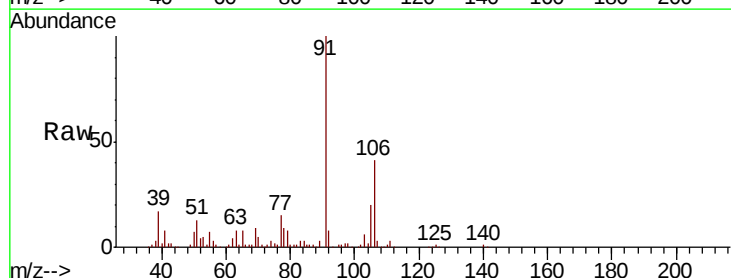
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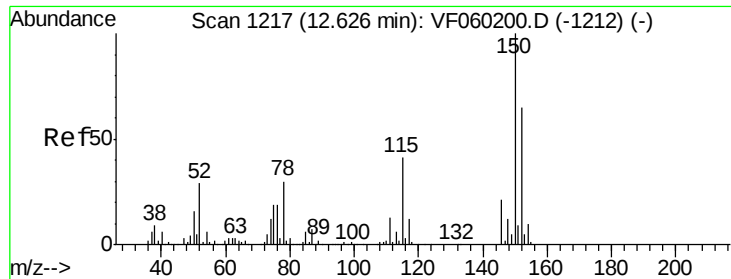
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#68
m/p-Xylenes
Concen: 242.11 ug/l
RT: 10.28 min Scan# 979
Delta R.T. 0.02 min
Lab File: VF060236.D
Acq: 10 Sep 2018 15:52

Tgt Ion	Ratio	Lower	Upper
106	100		
91	245.7	194.6	291.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.67 min Scan# 1221

Delta R.T. 0.04 min

Lab File: VF060236.D

Acq: 10 Sep 2018 15:52

Instrument :

MSVOA_F

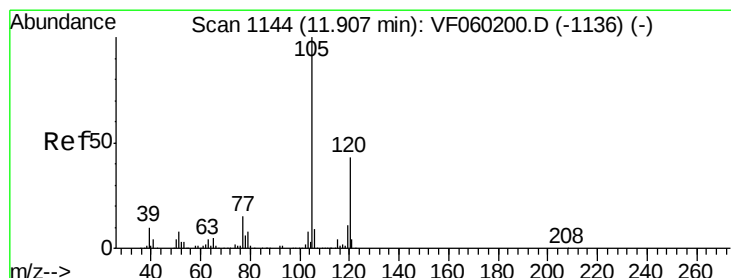
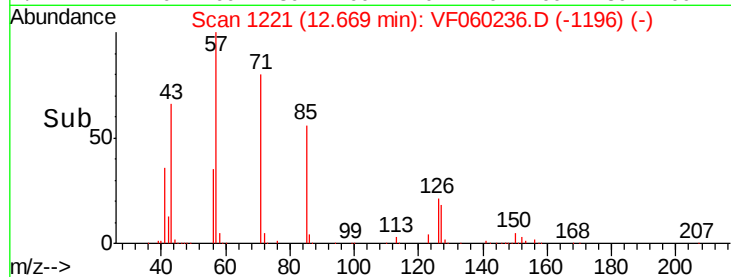
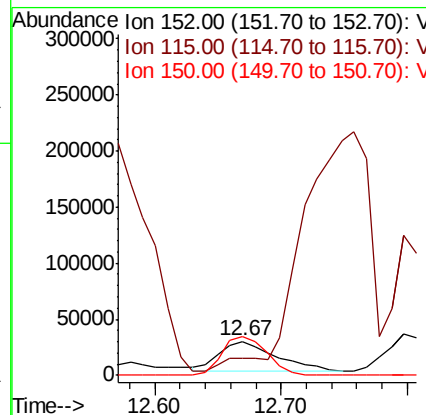
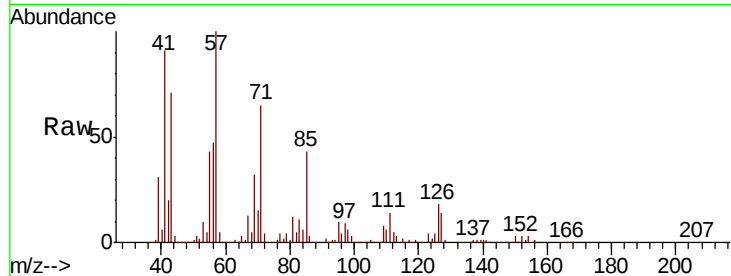
ClientSampled :

EP1-Q2-H7

Tot Ion:	152	Resp:	84926
Ion Ratio	Lower	Upper	
152	100		
115	51.7	31.5	94.5
150	113.2	0.0	310.4

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#80

1,3,5-Trimethylbenzene

Concen: 2230.51 ug/l m

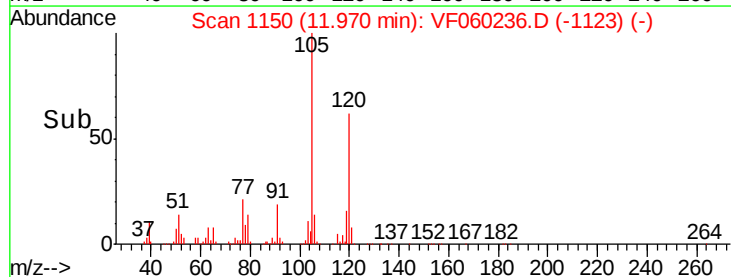
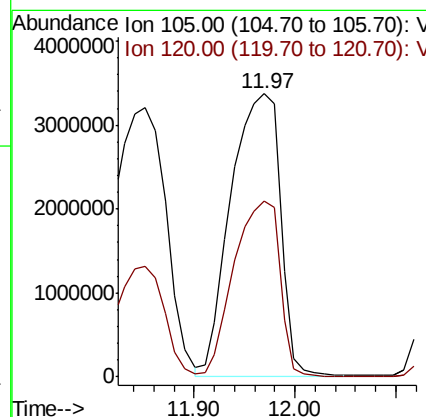
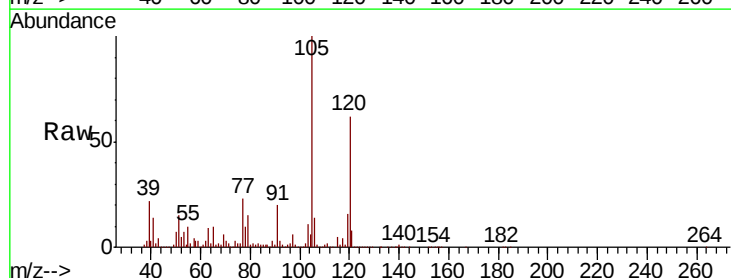
RT: 11.97 min Scan# 1150

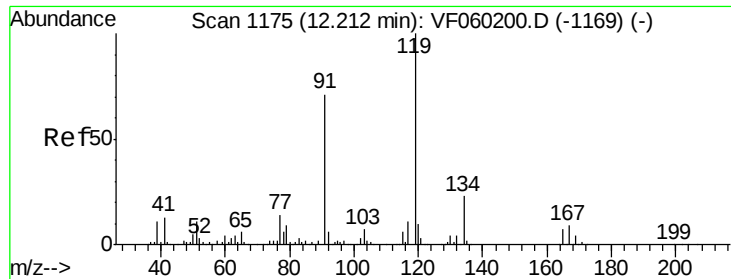
Delta R.T. 0.06 min

Lab File: VF060236.D

Acq: 10 Sep 2018 15:52

Tgt Ion:	105	Resp:	11534485
Ion Ratio	Lower	Upper	
105	100		
120	61.9	21.6	64.8





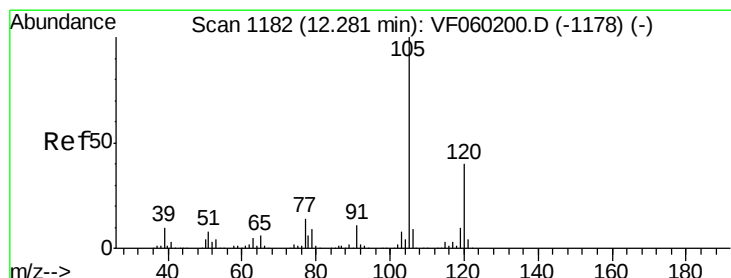
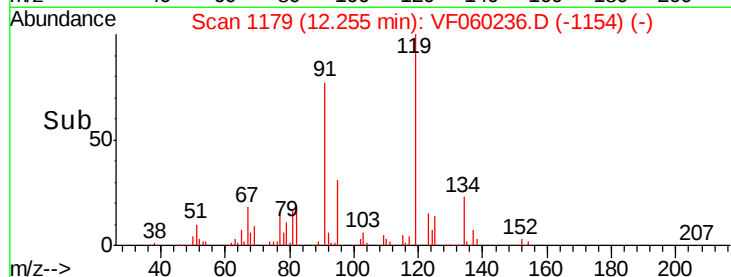
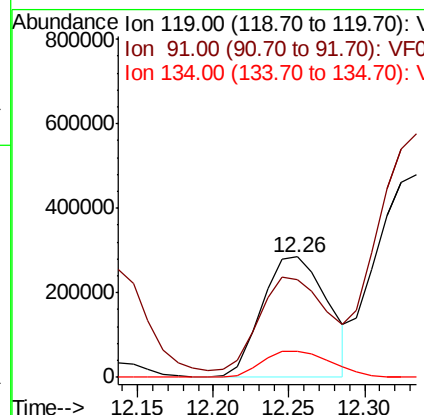
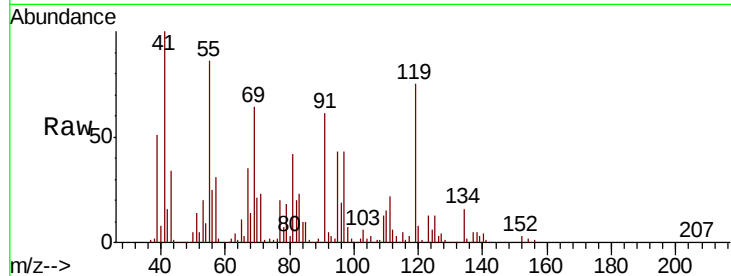
#83
 tert-Butylbenzene
 Concen: 182.24 ug/l
 RT: 12.26 min Scan# 1179
 Delta R.T. 0.04 min
 Lab File: VF060236.D
 Acq: 10 Sep 2018 15:52

Instrument :
 MSVOA_F
 ClientSampled :
 EP1-Q2-H7

Tot Ion	Ratio	Lower	Upper
119	100		
91	81.7	35.8	107.4
134	21.8	11.6	34.7

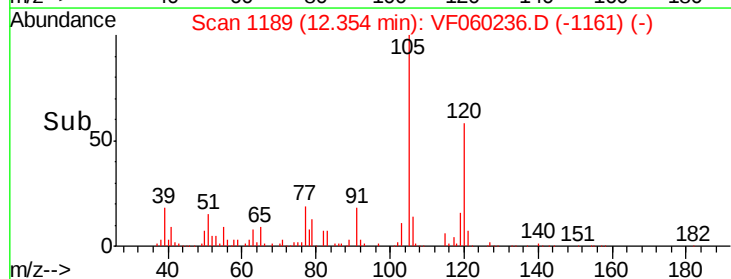
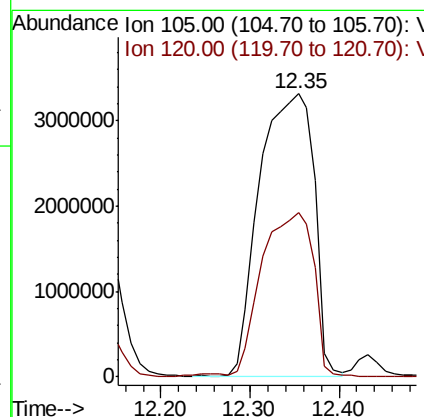
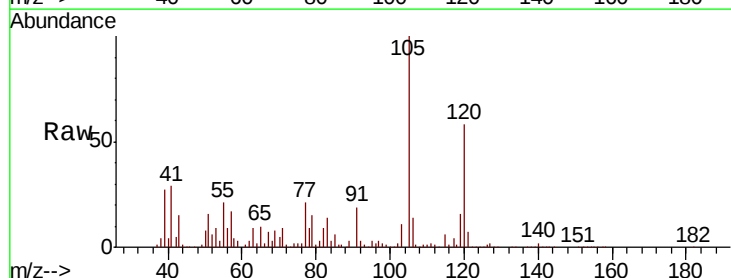
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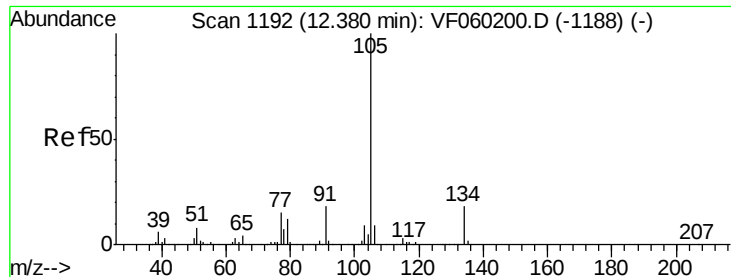
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#84
 1,2,4-Trimethylbenzene
 Concen: 2675.71 ug/l
 RT: 12.35 min Scan# 1189
 Delta R.T. 0.07 min
 Lab File: VF060236.D
 Acq: 10 Sep 2018 15:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	58.0	20.2	60.5





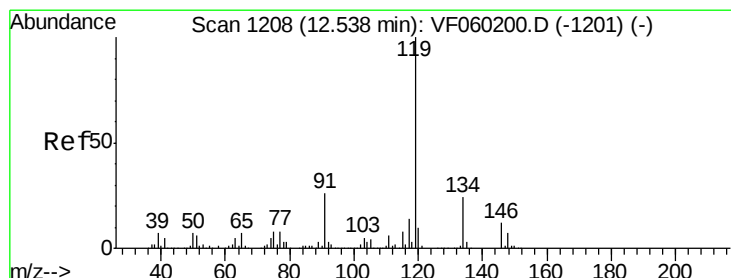
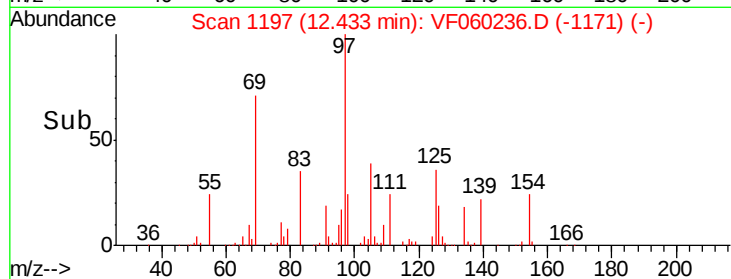
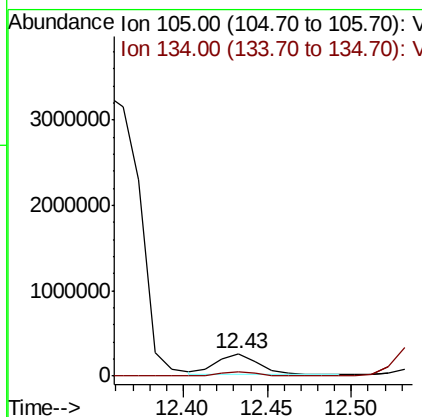
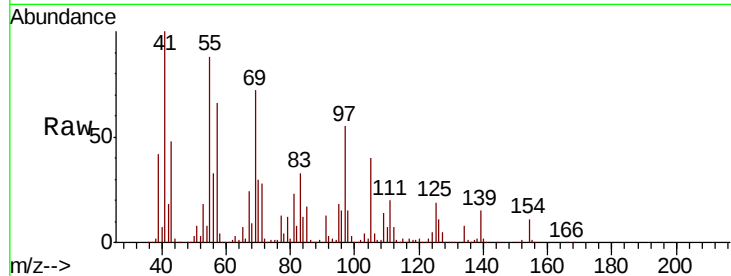
#85
 sec-Butylbenzene
 Concen: 65.76 ug/l
 RT: 12.43 min Scan# 1197
 Delta R.T. 0.05 min
 Lab File: VF060236.D
 Acq: 10 Sep 2018 15:52

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-H7

Tot Ion	Ratio	Resp	Lower	Upper
105	100	427488		
134	19.2	8.8	26.5	

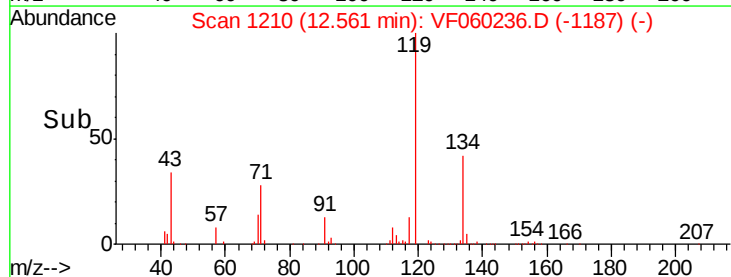
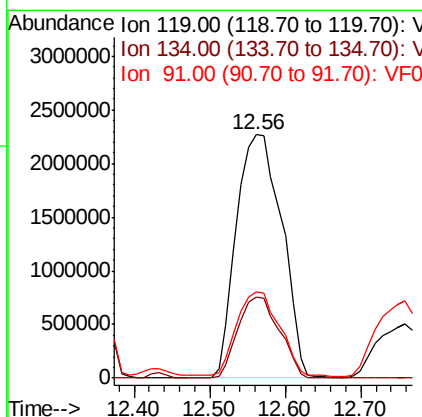
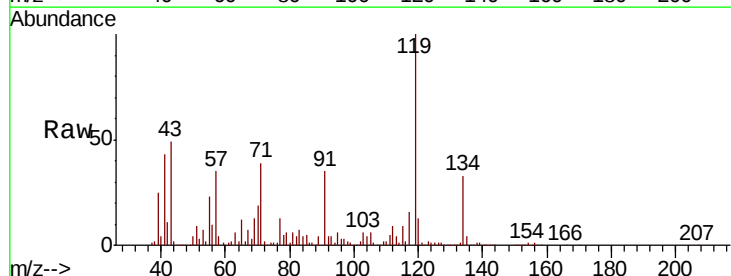
Manual Integrations
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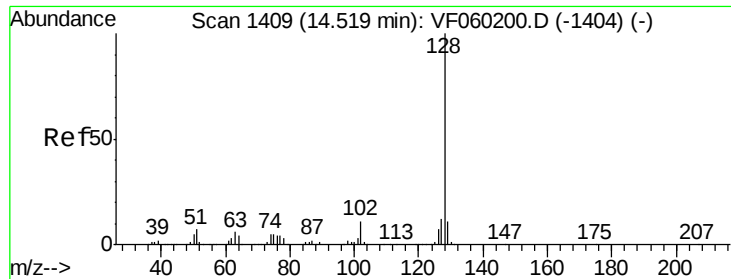
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#86
 p-Isopropyltoluene
 Concen: 1635.07 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: VF060236.D
 Acq: 10 Sep 2018 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	9438221		
134	33.3	12.0	36.0	
91	35.3	12.9	38.7	





#95
 Naphthalene
 Concen: 121.81 ug/l
 RT: 14.53 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: VF060236.D
 Acq: 10 Sep 2018 15:52

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-H7

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	14.2	9.9	14.9
129	14.6	8.9	13.3

Manual Integrations
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