

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\
 Data File : VF060235.D
 Acq On : 10 Sep 2018 15:25
 Operator : VA/AP
 Sample : J4803-11
 Misc : 5.43/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-H6

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Quant Time: Sep 13 11:47:32 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	193545	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	280755	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	208460	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.67	152	129344	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	132144	39.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.16%	
35) Dibromofluoromethane	4.29	113	108610	39.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.98%	
50) Toluene-d8	7.72	98	248400	36.19	ug/l	0.01
Spiked Amount 50.000			Recovery	=	72.38%	
62) 4-Bromofluorobenzene	11.53	95	231423	59.76	ug/l	0.02
Spiked Amount 50.000			Recovery	=	119.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.34	43	7224	19.40	ug/l	98
73) Isopropylbenzene	11.25	105	333634	37.39	ug/l	97
78) n-propylbenzene	11.72	91	884358	82.72	ug/l	96
80) 1,3,5-Trimethylbenzene	11.95	105	1271809	161.48	ug/l	98
83) tert-Butylbenzene	12.26	119	405264	56.47	ug/l	74
84) 1,2,4-Trimethylbenzene	12.34	105	4883992	610.41	ug/l	85
85) sec-Butylbenzene	12.44	105	2083057m	210.40	ug/l	
86) p-Isopropyltoluene	12.59	119	3810252	433.40	ug/l	91
95) Naphthalene	14.53	128	360562	72.48	ug/l	97

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

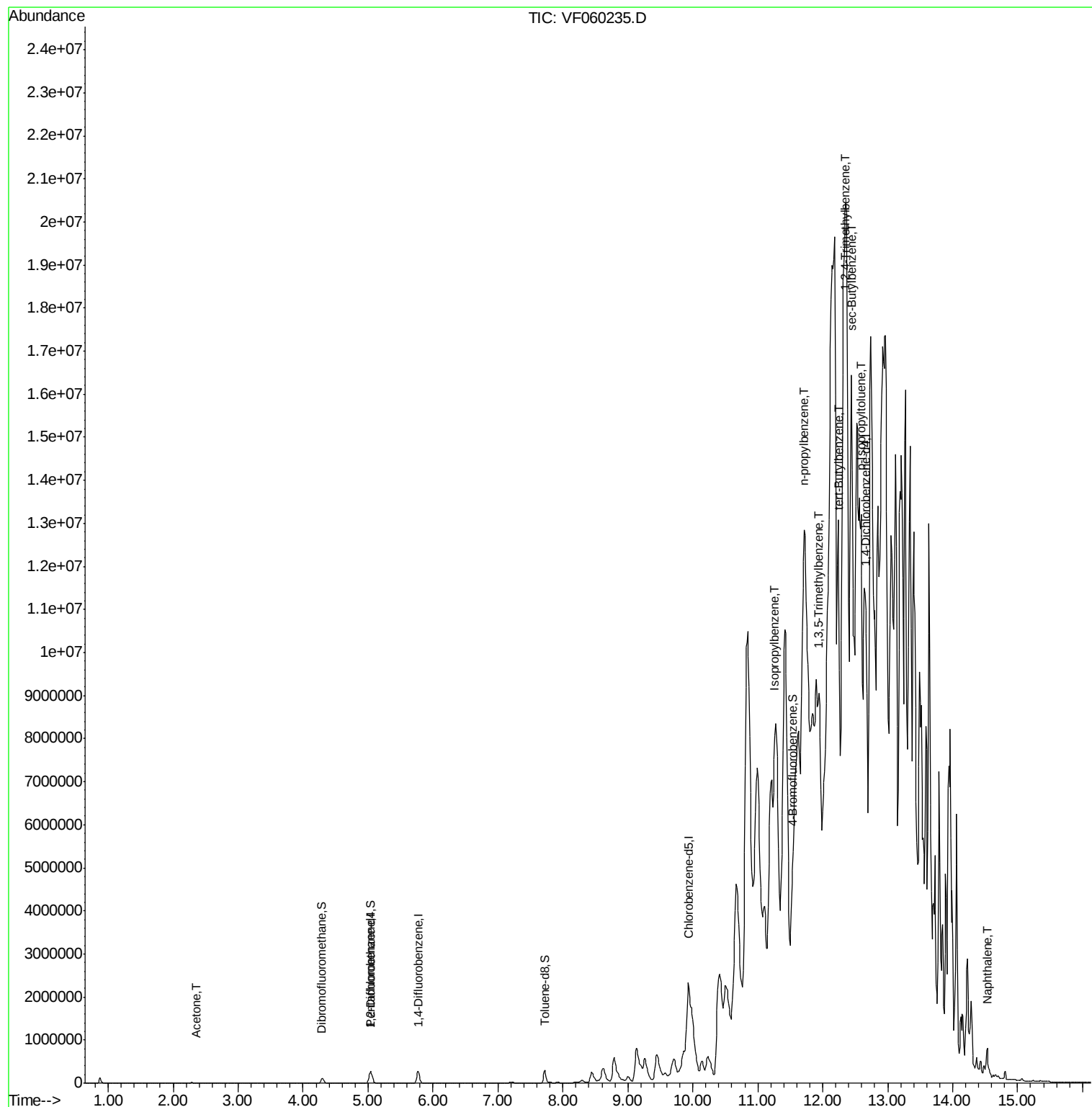
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\
Data File : VF060235.D
Acq On : 10 Sep 2018 15:25
Operator : VA/AP
Sample : J4803-11
Misc : 5.43/5mL/MSVOA F/SOIL
ALS Vial : 11 Sample Multiplier: 1

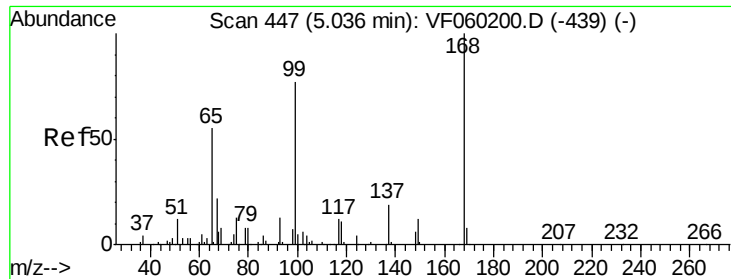
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H6

Quant Time: Sep 13 11:47:32 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: VF060235.D

Acq: 10 Sep 2018 15:25

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-H6

Tot Ion:168 Resp: 193545

Ion Ratio Lower Upper

168 100

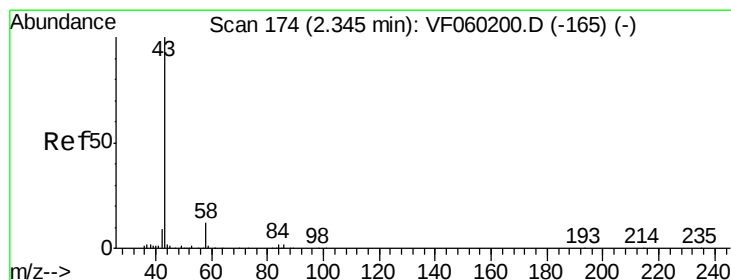
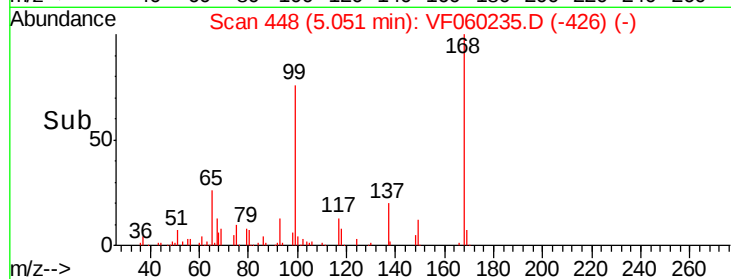
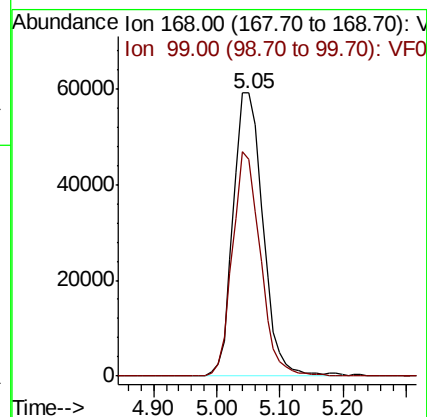
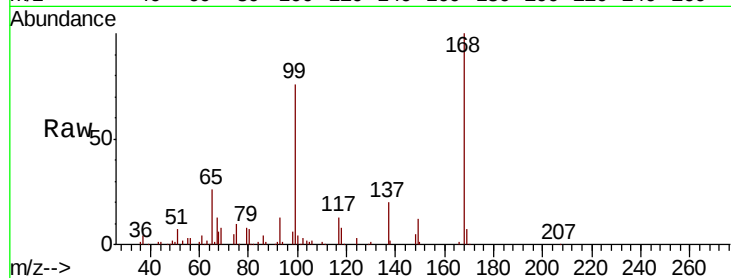
99 76.5 61.8 92.6

Manual Integrations

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#16

Acetone

Concen: 19.40 ug/l

RT: 2.34 min Scan# 173

Delta R.T. -0.01 min

Lab File: VF060235.D

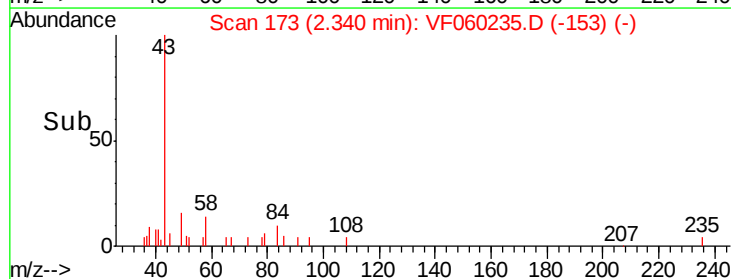
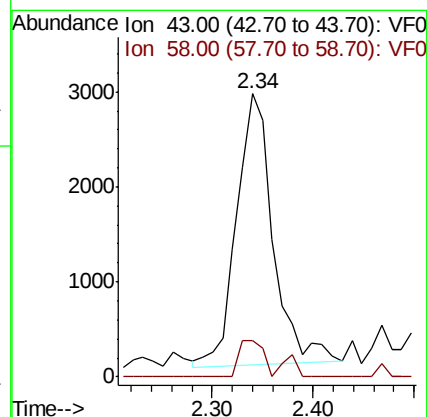
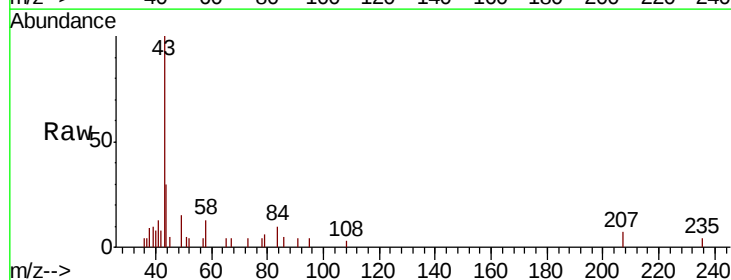
Acq: 10 Sep 2018 15:25

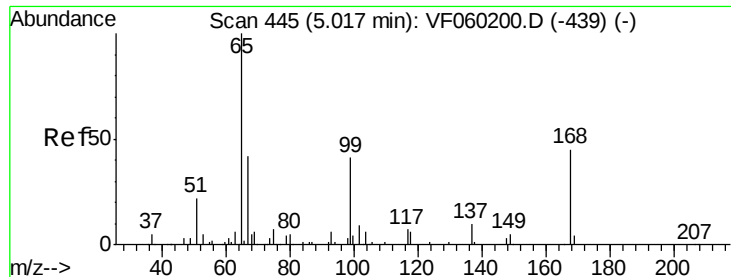
Tgt Ion: 43 Resp: 7224

Ion Ratio Lower Upper

43 100

58 13.0 9.7 14.5





#33

1,2-Dichloroethane-d4

Concen: 39.08 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060235.D

Acq: 10 Sep 2018 15:25

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-H6

Tot Ion: 65 Resp: 132144

Ion Ratio Lower Upper

65 100

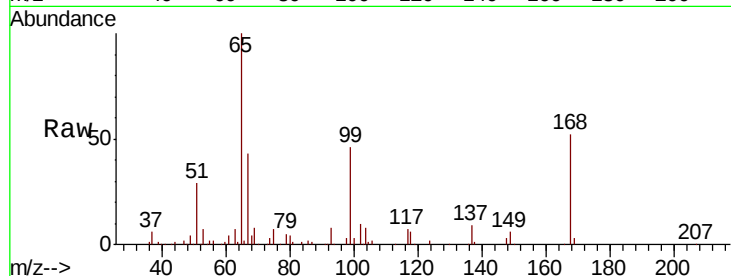
67 43.0 0.0 87.2

Manual Integrations

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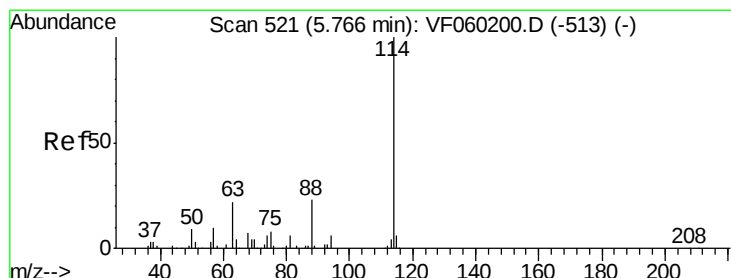
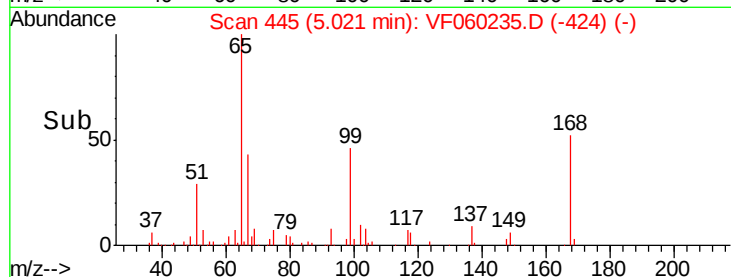
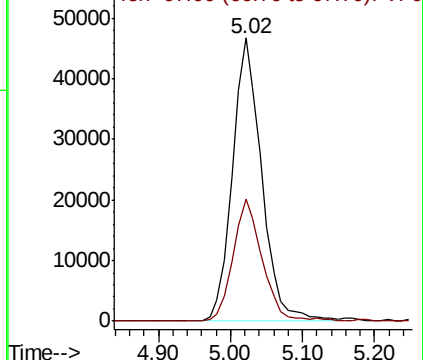
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 521

Delta R.T. 0.00 min

Lab File: VF060235.D

Acq: 10 Sep 2018 15:25

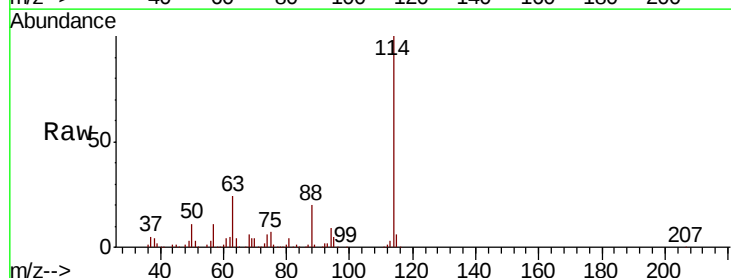
Tgt Ion: 114 Resp: 280755

Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.6

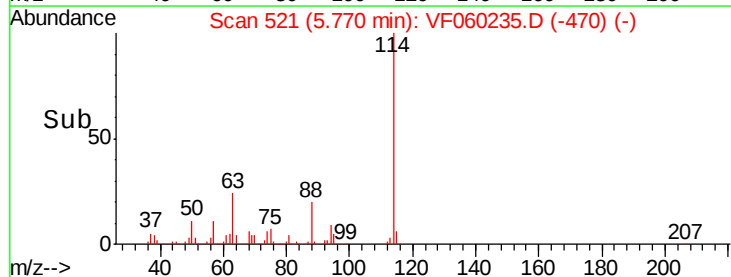
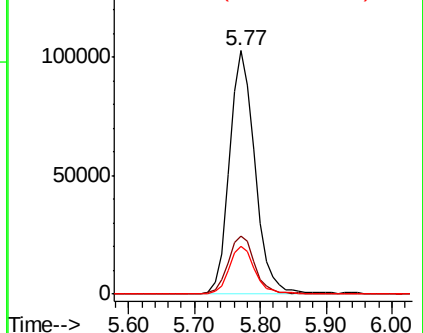
88 19.5 0.0 46.4

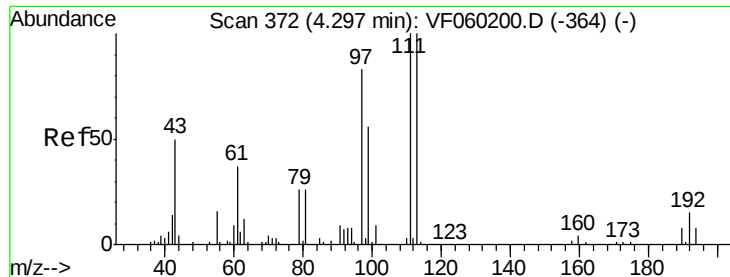


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





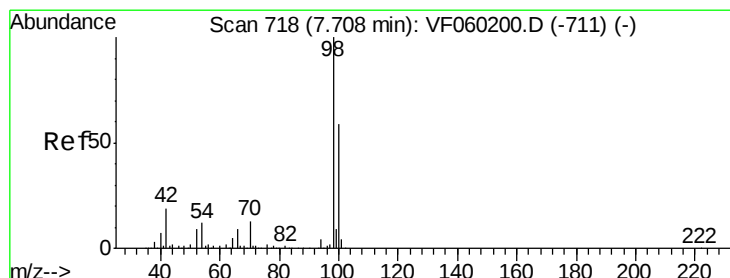
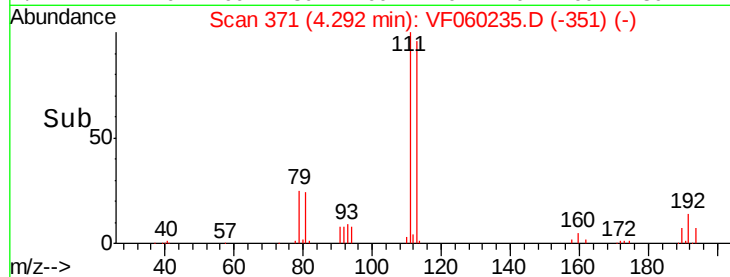
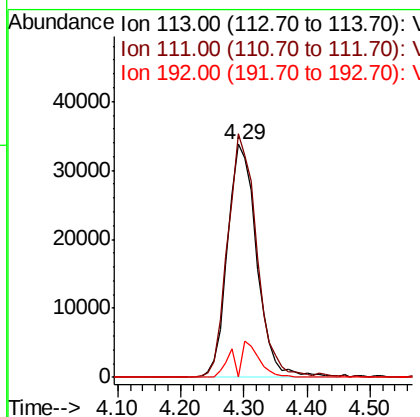
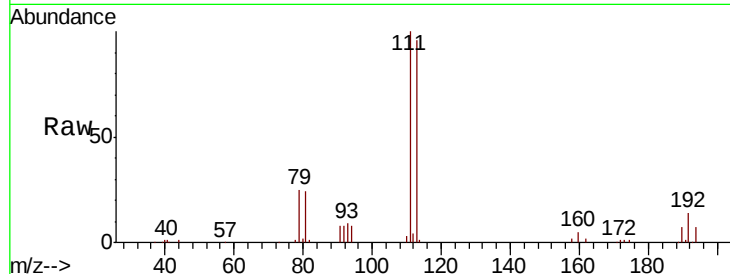
#35
 Dibromofluoromethane
 Concen: 39.49 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. -0.01 min
 Lab File: VF060235.D
 Acq: 10 Sep 2018 15:25

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-H6

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108610		
111	104.5	80.2	120.2	
192	0.0	11.8	17.8	

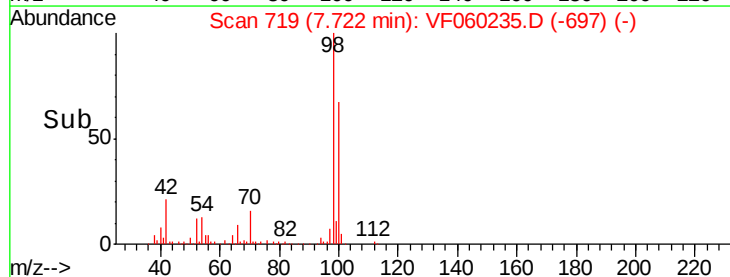
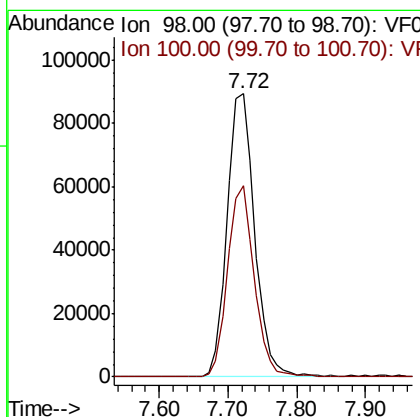
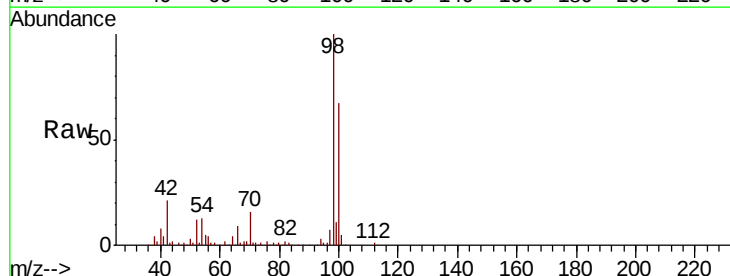
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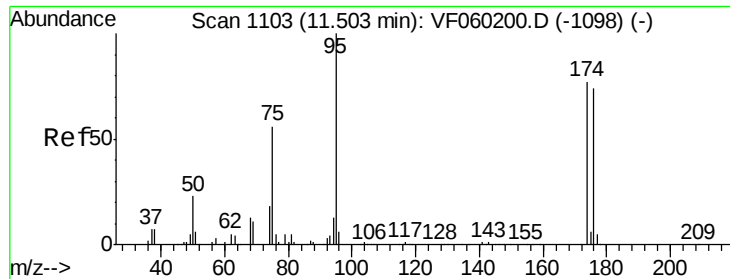
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#50
 Toluene-d8
 Concen: 36.19 ug/l
 RT: 7.72 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VF060235.D
 Acq: 10 Sep 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	248400		
100	67.4	47.4	71.0	





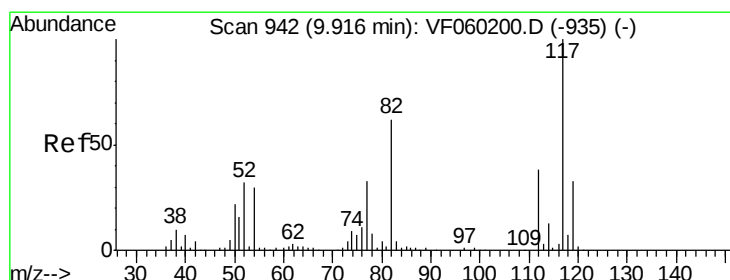
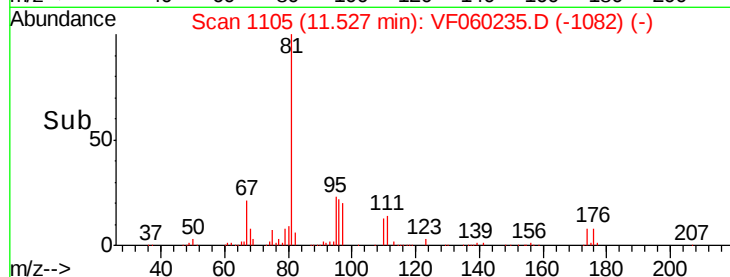
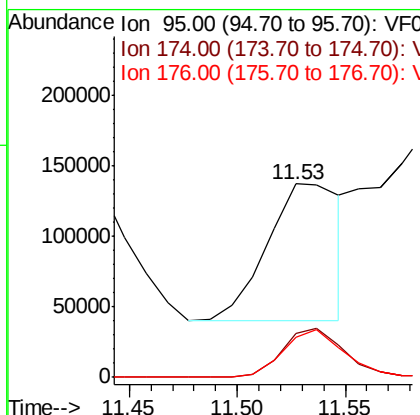
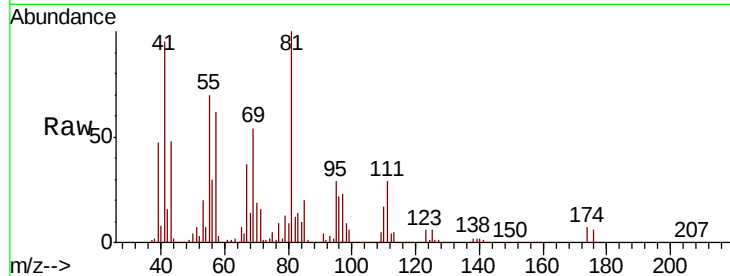
#62
4-Bromofluorobenzene
Concen: 59.76 ug/l
RT: 11.53 min Scan# 1105
Delta R.T. 0.02 min
Lab File: VF060235.D
Acq: 10 Sep 2018 15:25

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q2-H6

Tot Ion	Ratio	Resp	Lower	Upper
95	100	231423		
174	22.4	0.0	153.2	
176	20.8	0.0	147.2	

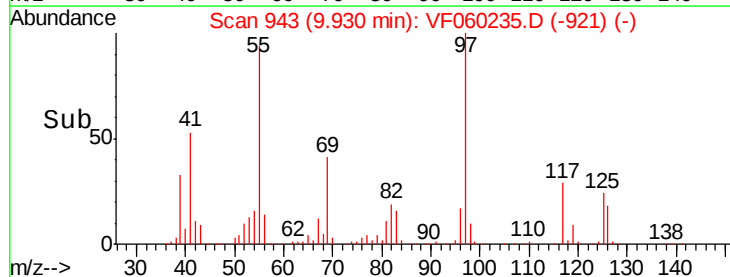
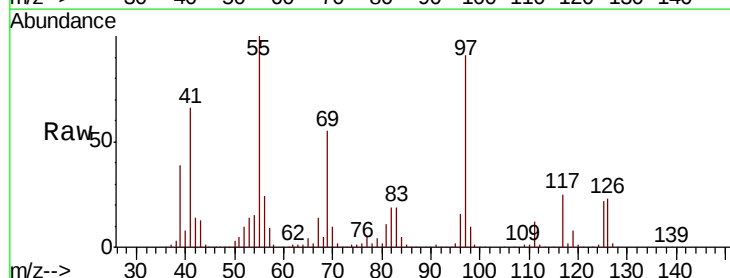
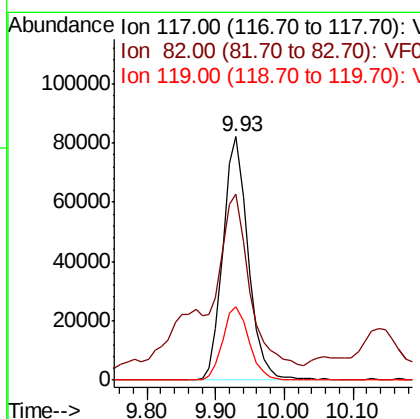
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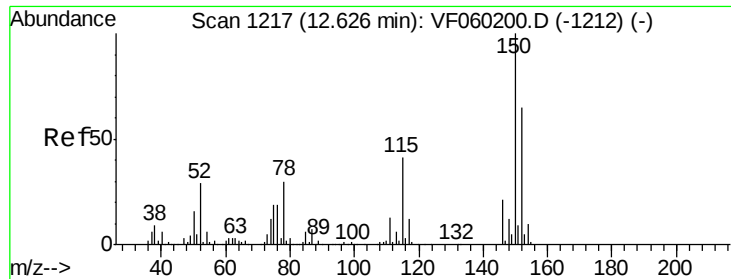
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 943
Delta R.T. 0.01 min
Lab File: VF060235.D
Acq: 10 Sep 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	208460		
82	76.5	49.3	73.9#	
119	30.3	26.5	39.7	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.67 min Scan# 1221

Delta R.T. 0.04 min

Lab File: VF060235.D

Acq: 10 Sep 2018 15:25

Instrument :

MSVOA_F

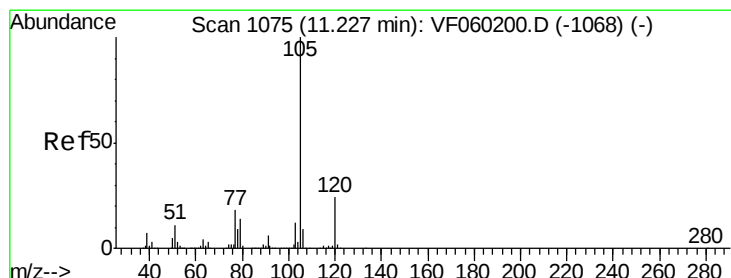
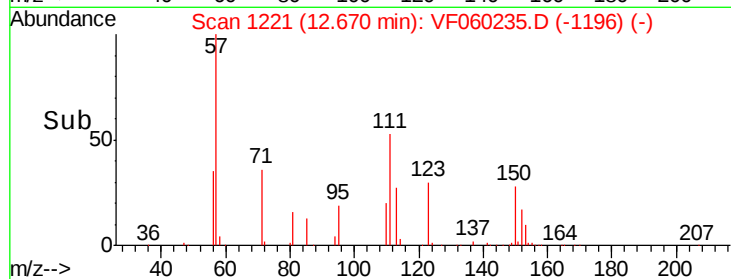
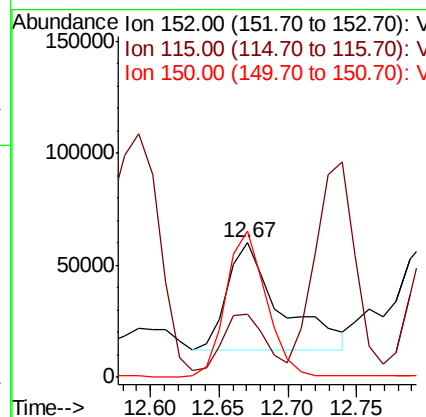
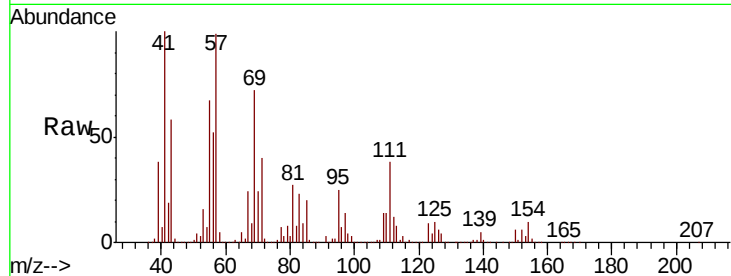
ClientSampleId :

EP1-Q2-H6

Tot Ion:	152	Resp:	129344
Ion Ratio	Lower	Upper	
152	100		
115	47.4	31.5	94.5
150	109.1	0.0	310.4

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#73

Isopropylbenzene

Concen: 37.39 ug/l

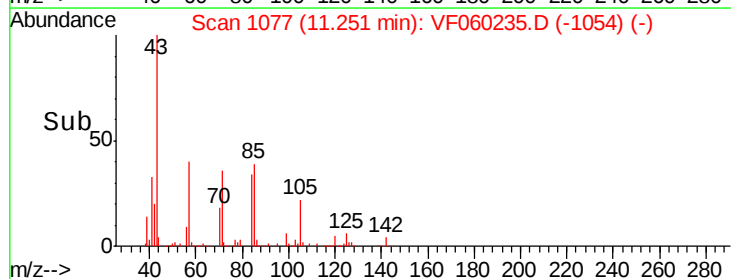
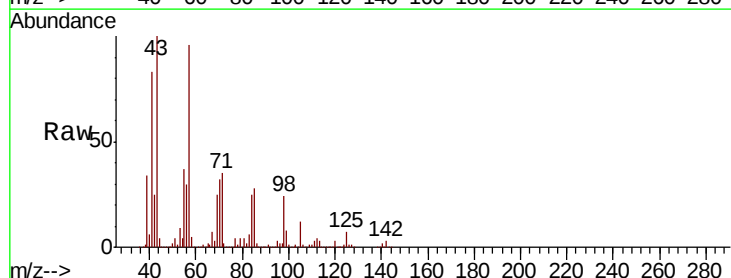
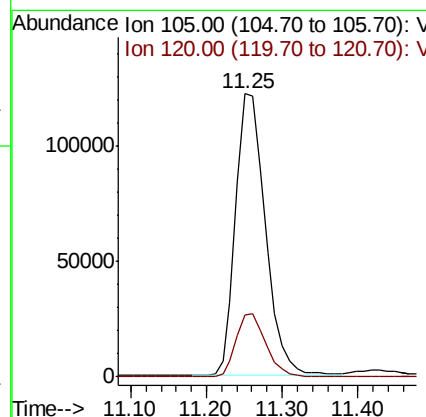
RT: 11.25 min Scan# 1077

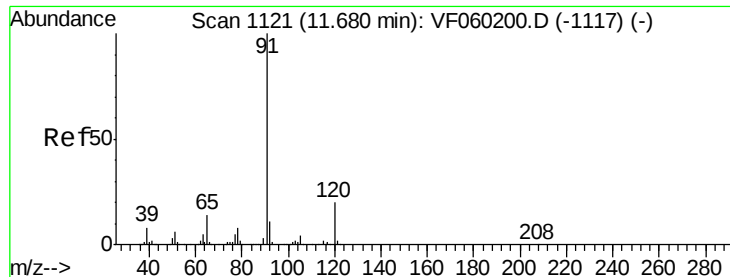
Delta R.T. 0.02 min

Lab File: VF060235.D

Acq: 10 Sep 2018 15:25

Tgt Ion:	105	Resp:	333634
Ion Ratio	Lower	Upper	
105	100		
120	21.9	11.8	35.3





#78

n-propylbenzene

Concen: 82.72 ug/l

RT: 11.72 min Scan# 1125

Delta R.T. 0.04 min

Lab File: VF060235.D

Acq: 10 Sep 2018 15:25

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q2-H6

Tot Ion: 91 Resp: 884358

Ion Ratio Lower Upper

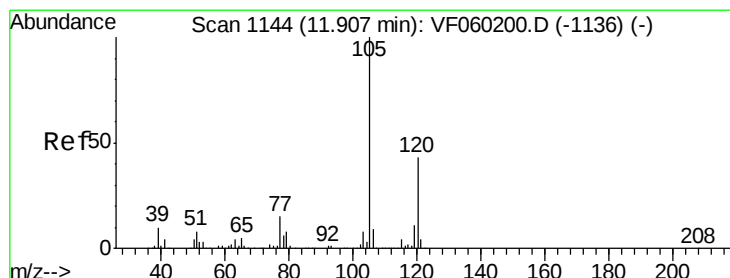
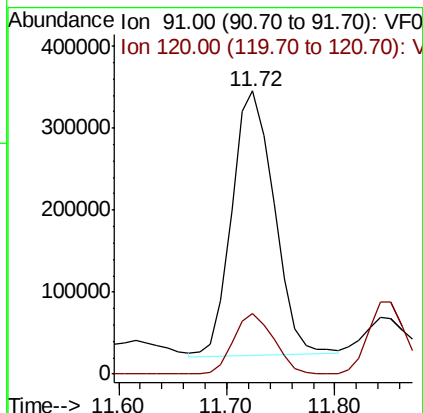
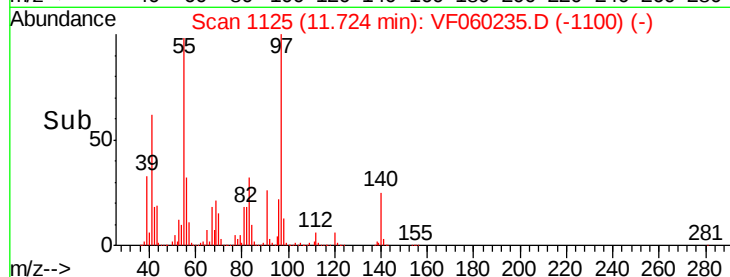
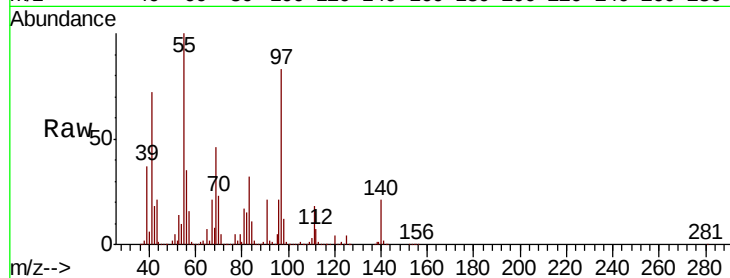
91 100

120 21.5 9.8 29.4

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 161.48 ug/l

RT: 11.95 min Scan# 1148

Delta R.T. 0.04 min

Lab File: VF060235.D

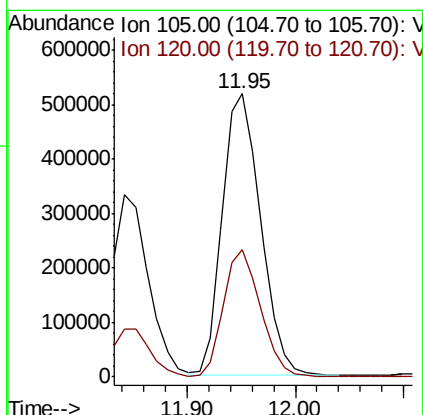
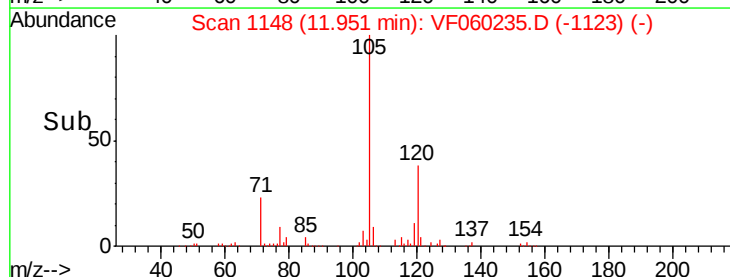
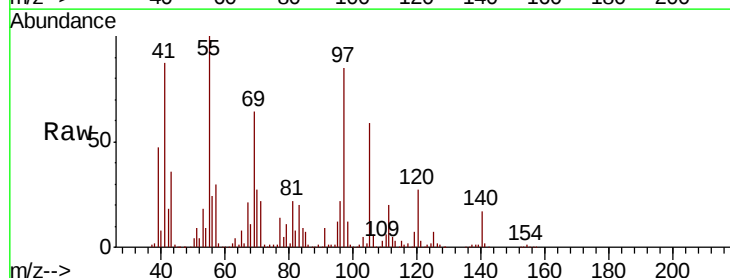
Acq: 10 Sep 2018 15:25

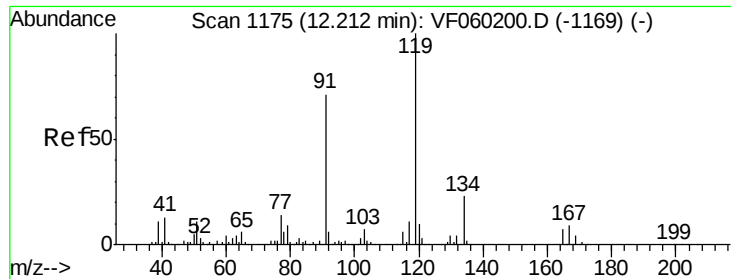
Tgt Ion: 105 Resp: 1271809

Ion Ratio Lower Upper

105 100

120 44.8 21.6 64.8





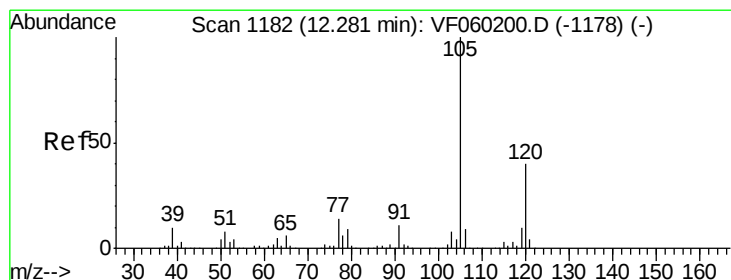
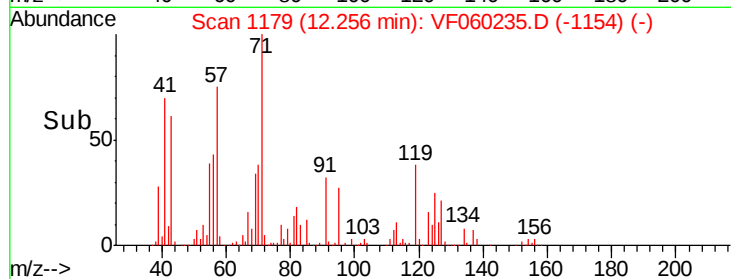
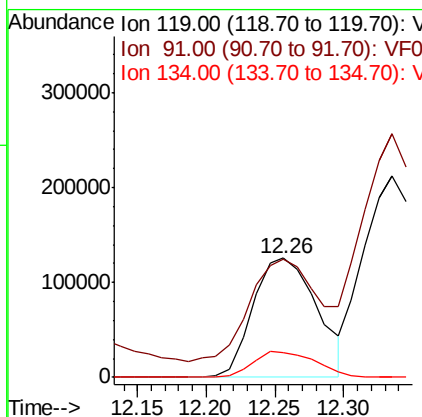
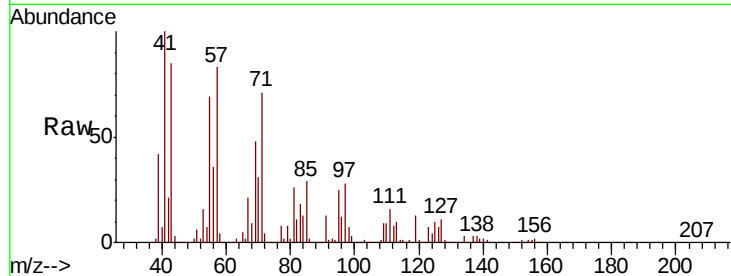
#83
tert-Butylbenzene
Concen: 56.47 ug/l
RT: 12.26 min Scan# 1179
Delta R.T. 0.04 min
Lab File: VF060235.D
Acq: 10 Sep 2018 15:25

Instrument :
MSVOA_F
ClientSampleID :
EP1-Q2-H6

Tot Ion	Ratio	Lower	Upper
119	100		
91	98.8	35.8	107.4
134	21.1	11.6	34.7

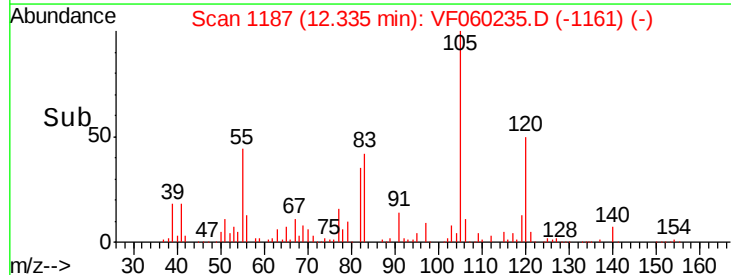
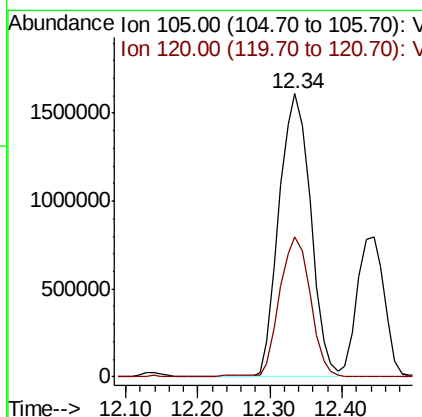
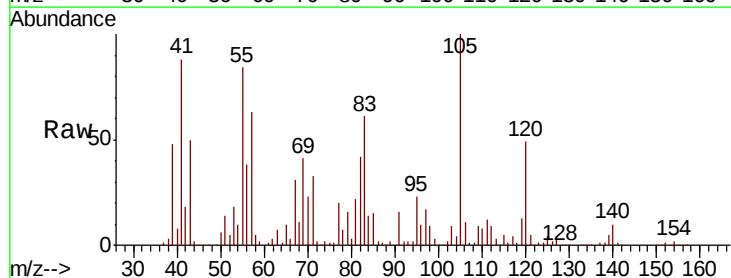
Manual Integrations
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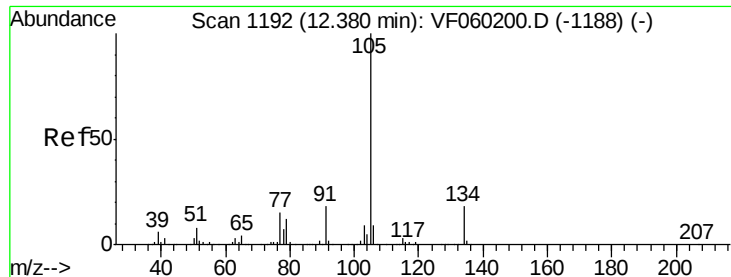
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#84
1,2,4-Trimethylbenzene
Concen: 610.41 ug/l
RT: 12.34 min Scan# 1187
Delta R.T. 0.05 min
Lab File: VF060235.D
Acq: 10 Sep 2018 15:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.4	20.2	60.5





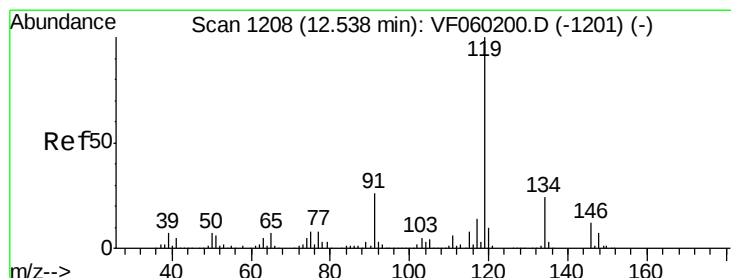
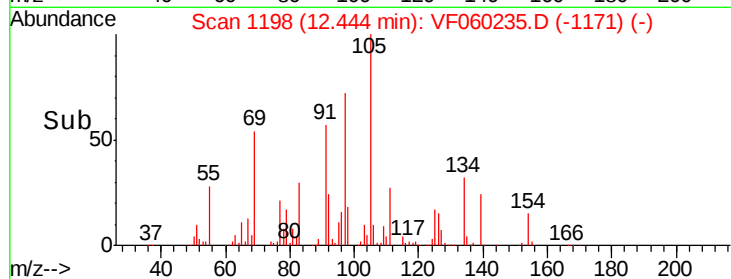
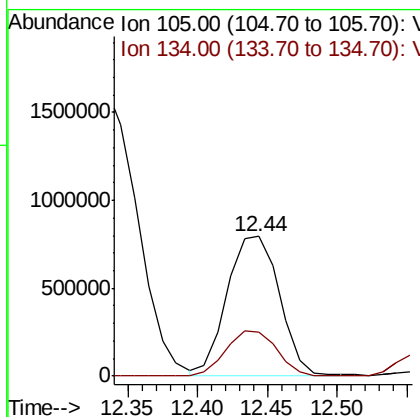
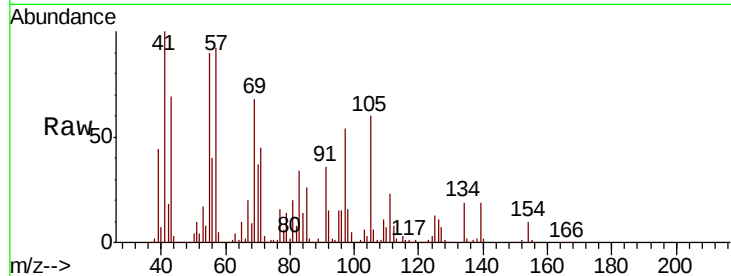
#85
 sec-Butylbenzene
 Concen: 210.40 ug/l
 RT: 12.44 min Scan# 1198
 Delta R.T. 0.06 min
 Lab File: VF060235.D
 Acq: 10 Sep 2018 15:25

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-H6

Tot Ion:105 Resp: 2083057
 Ion Ratio Lower Upper
 105 100
 134 31.4 8.8 26.5#

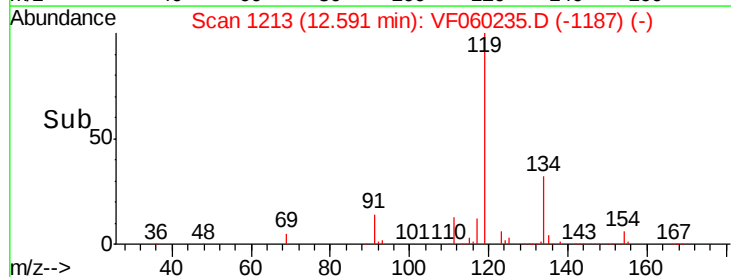
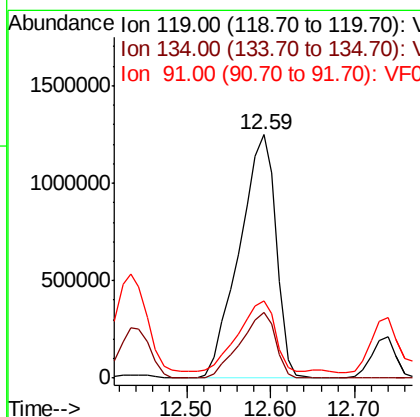
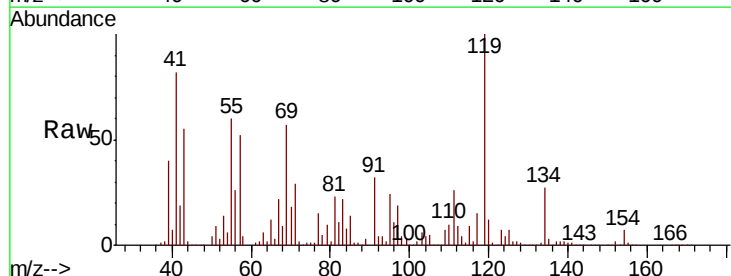
Manual Integrations
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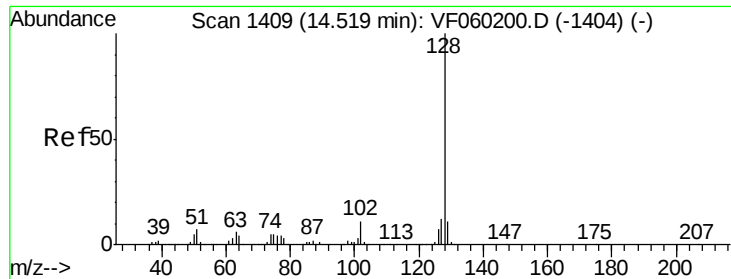
apatel
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#86
 p-Isopropyltoluene
 Concen: 433.40 ug/l
 RT: 12.59 min Scan# 1213
 Delta R.T. 0.05 min
 Lab File: VF060235.D
 Acq: 10 Sep 2018 15:25

Tgt Ion:119 Resp: 3810252
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.0 36.0
 91 31.8 12.9 38.7





#95
 Naphthalene
 Concen: 72.48 ug/l
 RT: 14.53 min Scan# 1410
 Delta R.T. 0.02 min
 Lab File: VF060235.D
 Acq: 10 Sep 2018 15:25

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q2-H6

Tot Ion:	128	Resp:	360562
Ion Ratio	Lower	Upper	
128	100		
127	13.7	9.9	14.9
129	12.5	8.9	13.3

Manual Integrations
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