

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100218\
 Data File : VF060414.D
 Acq On : 2 Oct 2018 20:46
 Operator : VA/AP
 Sample : J5165-01
 Misc : 6.23/5mL/MSVOA F/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G-092718(7-10)

Manual Integrations
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Quant Time: Oct 03 03:28:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	287785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	469278	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	289885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	194456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	170407	37.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.68%	
35) Dibromofluoromethane	4.27	113	210466	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	7.69	98	467597	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	
62) 4-Bromofluorobenzene	11.51	95	448243	90.42	ug/l	0.02
Spiked Amount 50.000			Recovery	=	180.84%	
Target Compounds						
					Qvalue	
16) Acetone	2.32	43	57810	42.668	ug/l #	92
17) Carbon Disulfide	1.90	76	48190	4.559	ug/l	96
20) Methylene Chloride	2.27	84	38055m	6.763	ug/l	
73) Isopropylbenzene	11.22	105	825202	53.896	ug/l	99
78) n-propylbenzene	11.68	91	2103942	113.350	ug/l	95
83) tert-Butylbenzene	12.22	119	512632	39.954	ug/l	93
84) 1,2,4-Trimethylbenzene	12.29	105	4503097	349.057	ug/l	87
85) sec-Butylbenzene	12.39	105	2334863	131.839	ug/l #	70
89) n-Butylbenzene	12.92	91	1251035	81.712	ug/l	98

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

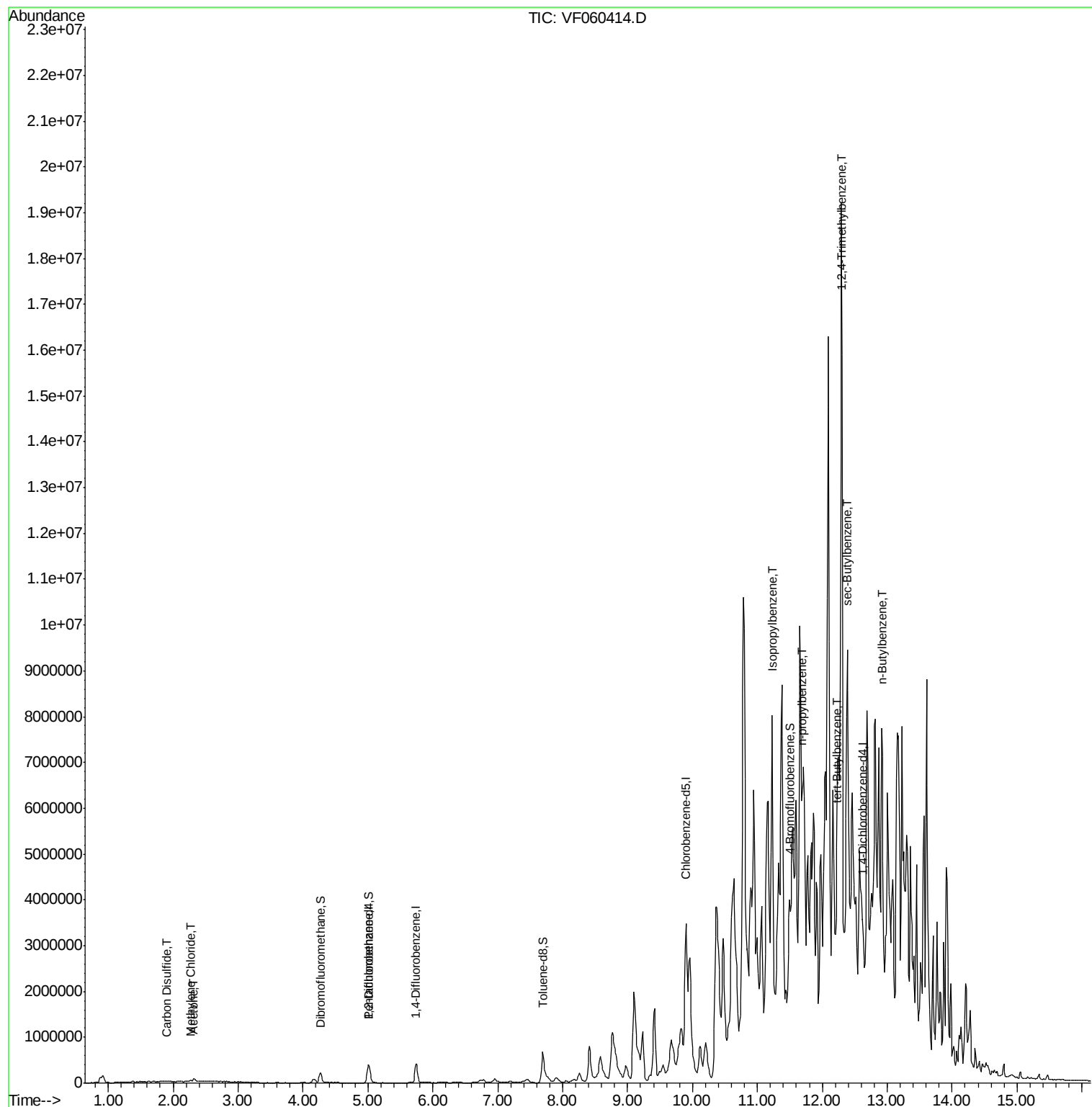
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100218\
Data File : VF060414.D
Acq On : 2 Oct 2018 20:46
Operator : VA/AP
Sample : J5165-01
Misc : 6.23/5mL/MSVOA F/SOIL
ALS Vial : 49 Sample Multiplier: 1

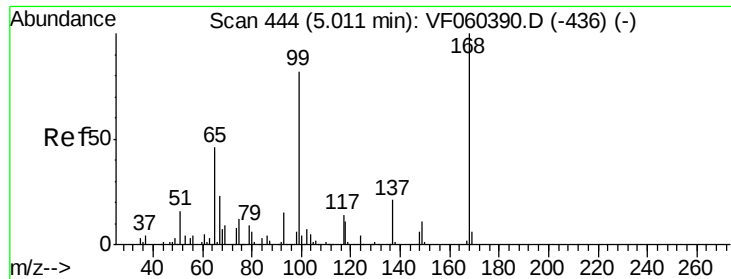
Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G-092718(7-10)

Quant Time: Oct 03 03:28:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G-092718(7-10)

Tot Ion:168 Resp: 287785

Ion Ratio Lower Upper

168 100

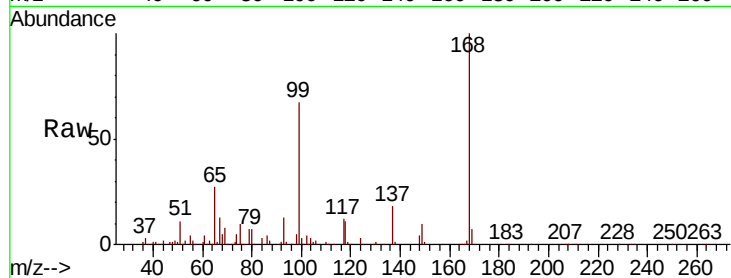
99 67.3 65.3 97.9

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

100000

80000

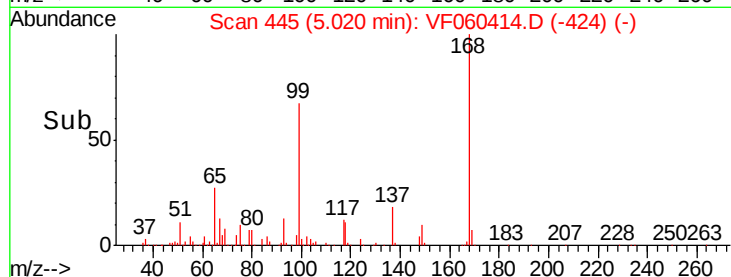
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40000

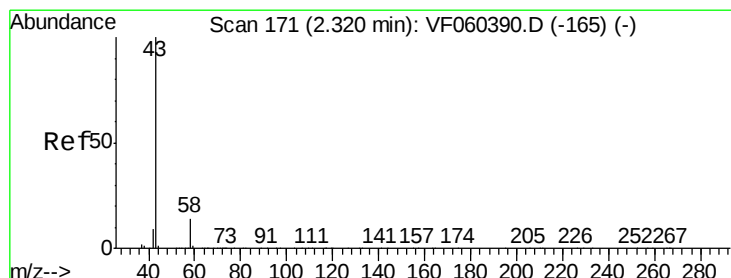
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0

Time-->



Time-->



#16

Acetone

Concen: 42.668 ug/l

RT: 2.32 min Scan# 171

Delta R.T. -0.00 min

Lab File: VF060414.D

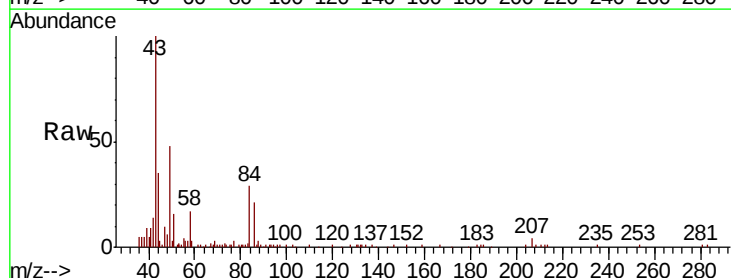
Acq: 2 Oct 2018 20:46

Tgt Ion: 43 Resp: 57810

Ion Ratio Lower Upper

43 100

58 17.1 11.2 16.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

25000

20000

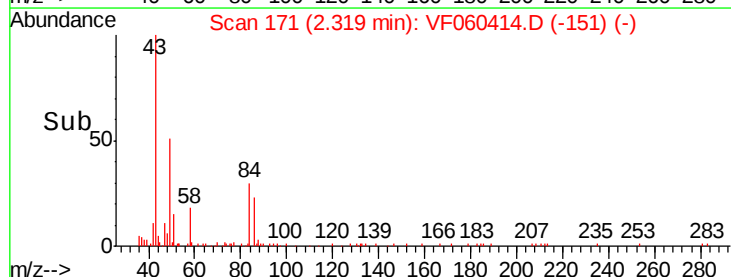
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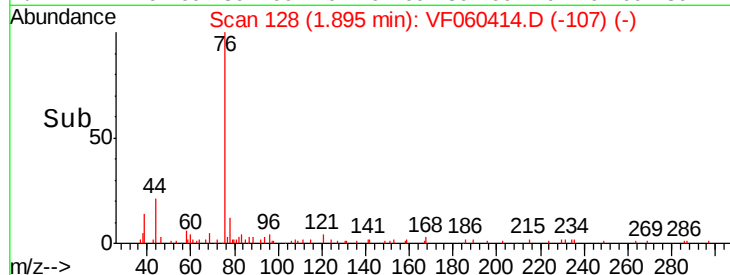
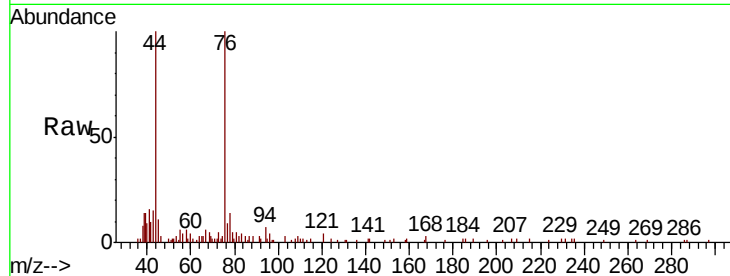
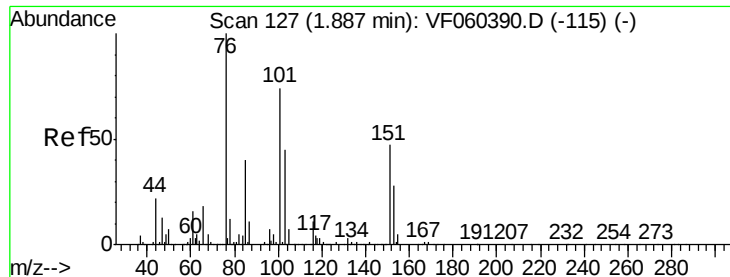
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5000

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Time-->





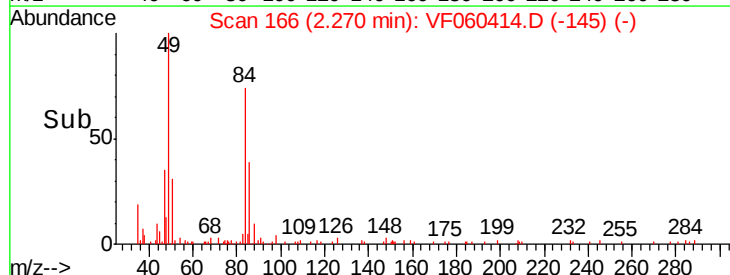
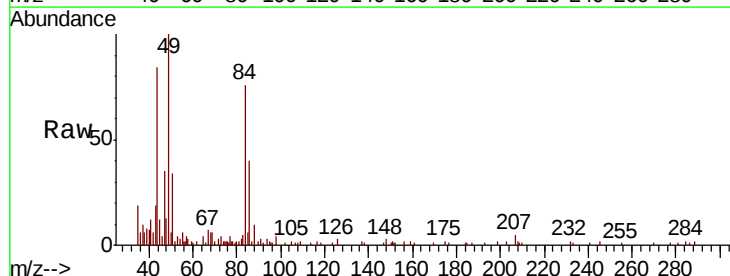
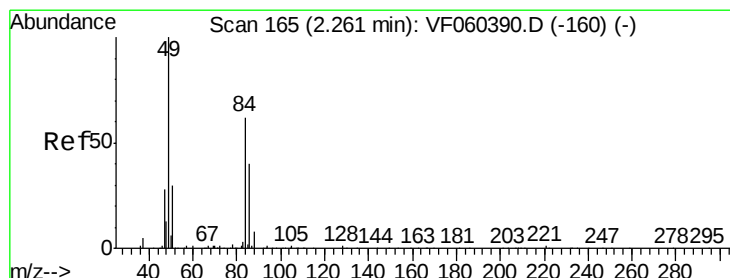
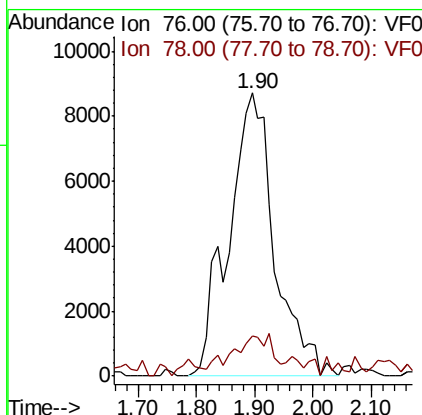
#17
Carbon Disulfide
Concen: 4.559 ug/l
RT: 1.90 min Scan# 128
Delta R.T. 0.01 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

Tot Ion	Ratio	Lower	Upper
76	100		
78	14.2	10.1	15.1

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G-092718(7-10)

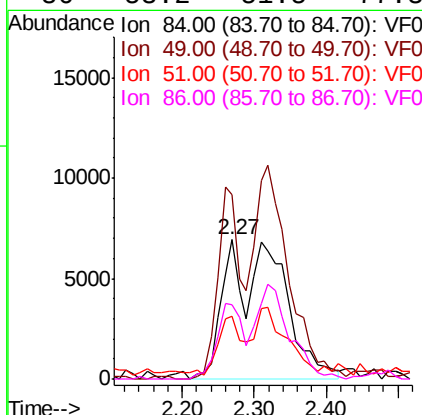
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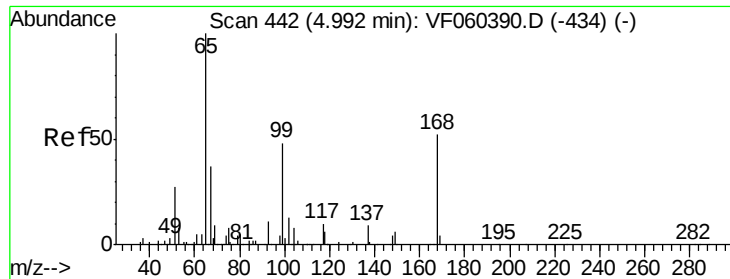
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#20
Methylene Chloride
Concen: 6.763 ug/l m
RT: 2.27 min Scan# 166
Delta R.T. 0.01 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.2	130.2	195.2
51	45.3	41.0	61.6
86	53.2	51.5	77.3





#33

1,2-Dichloroethane-d4

Concen: 37.842 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.01 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G-092718(7-10)

Tot Ion: 65 Resp: 170407

Ion Ratio Lower Upper

65 100

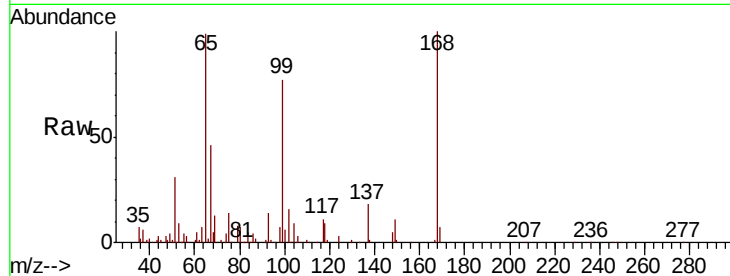
67 46.3 0.0 89.4

Manual Integrations

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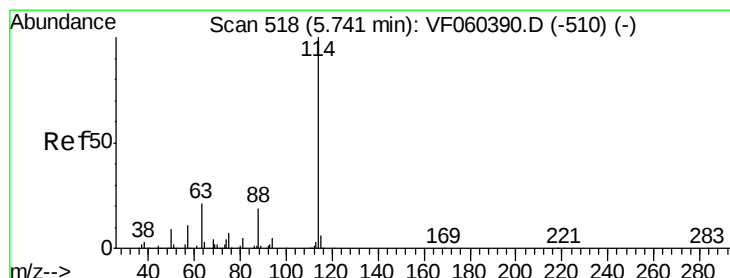
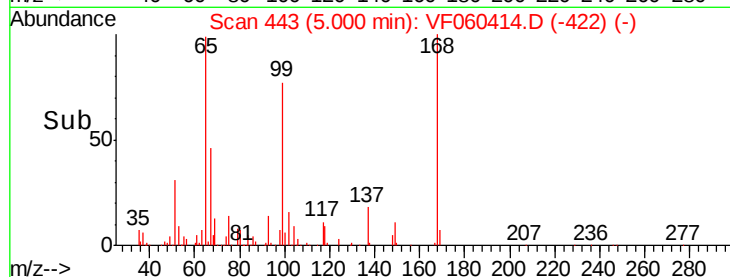
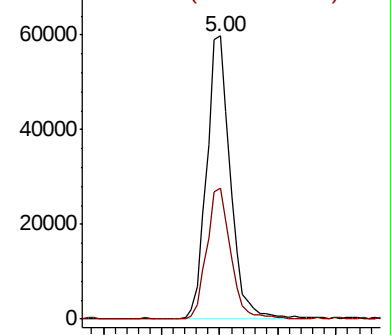
apatel

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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: 50.000 ug/l

RT: 5.74 min Scan# 518

Delta R.T. -0.00 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

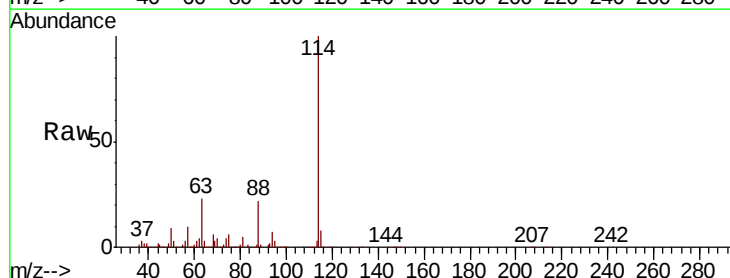
Tgt Ion: 114 Resp: 469278

Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.2

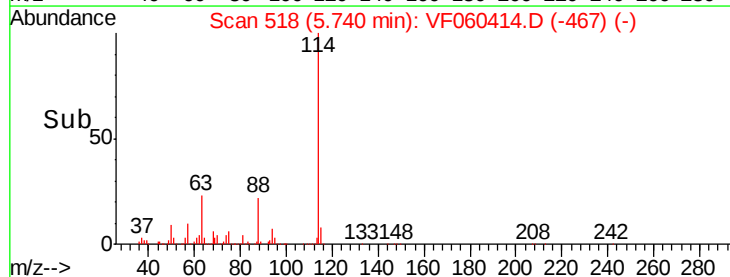
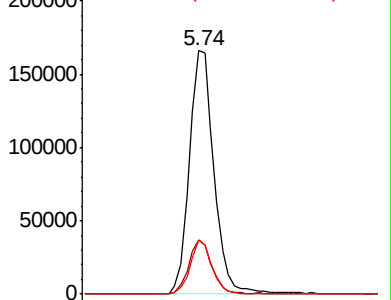
88 22.1 0.0 38.8

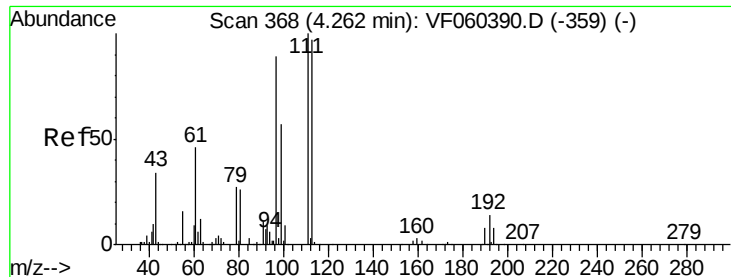


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





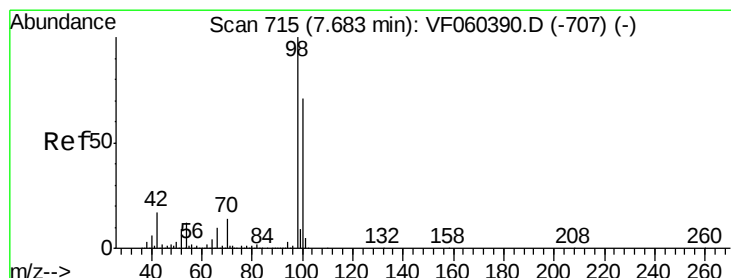
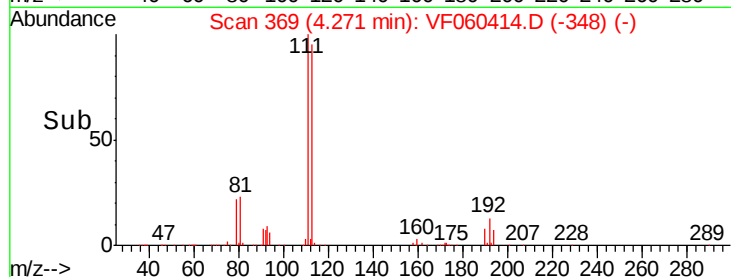
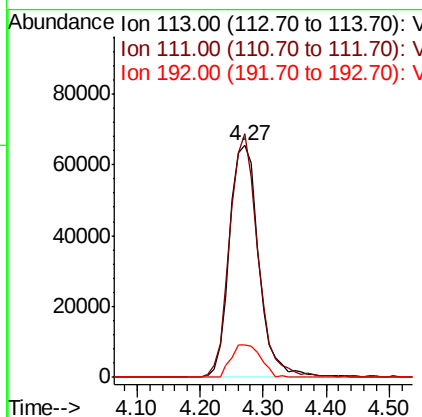
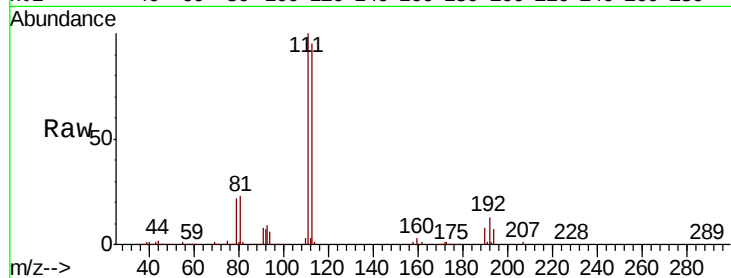
#35
Dibromofluoromethane
Concen: 47.740 ug/l
RT: 4.27 min Scan# 369
Delta R.T. 0.01 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G-092718(7-10)

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.3	123.5
192	14.1	11.8	17.6

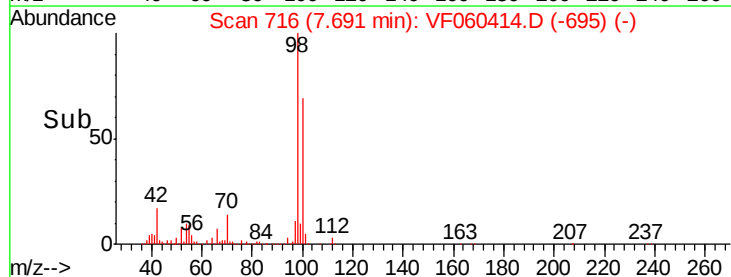
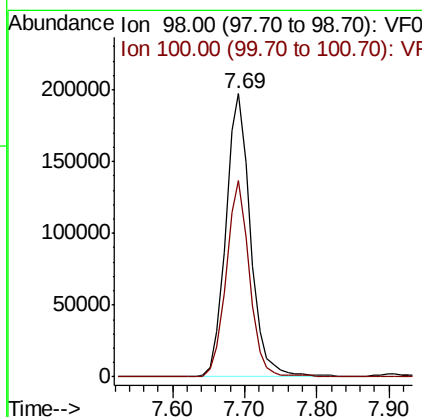
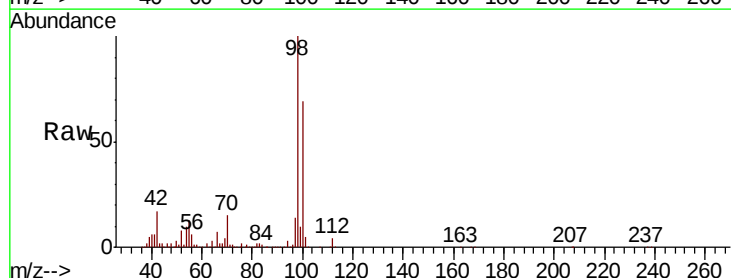
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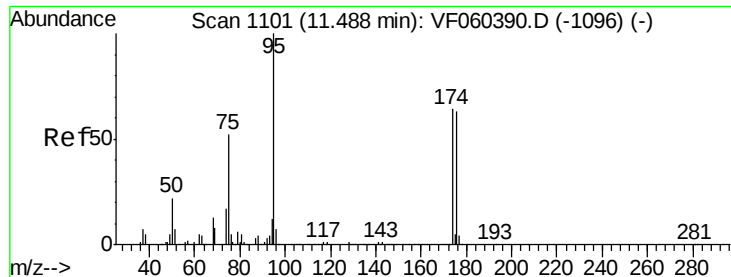
apatel
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#50
Toluene-d8
Concen: 43.067 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.2	56.5	84.7





#62

4-Bromofluorobenzene

Concen: 90.418 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. 0.02 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Instrument :

MSVOA_F

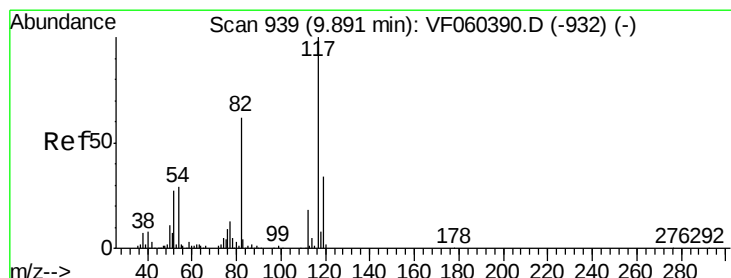
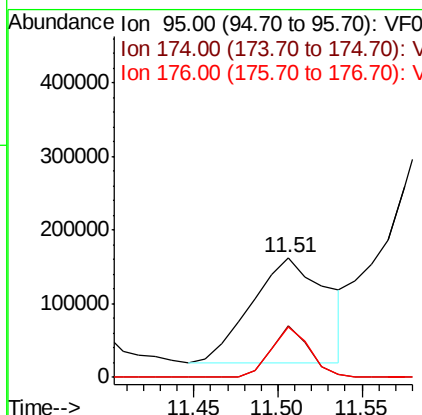
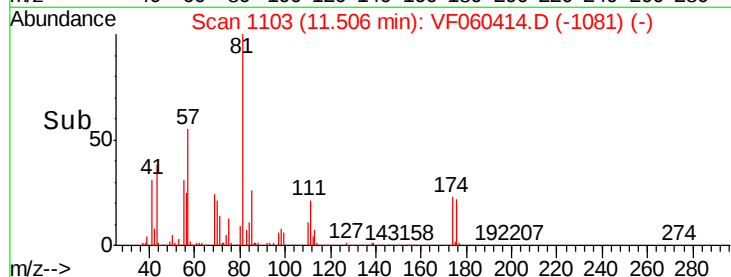
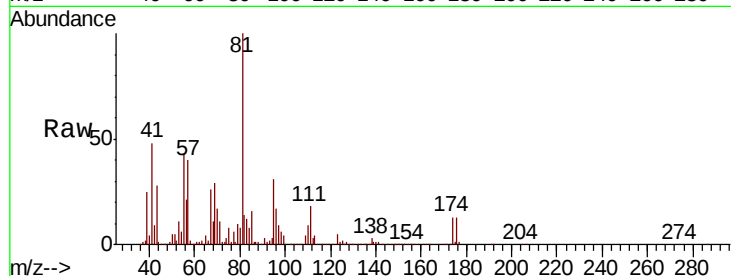
ClientSampleId :

EP1-MW-G-092718(7-10)

Tot Ion:	95	Resp:	448243
Ion Ratio	Lower	Upper	
95	100		
174	43.7	0.0	129.0
176	41.8	0.0	125.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

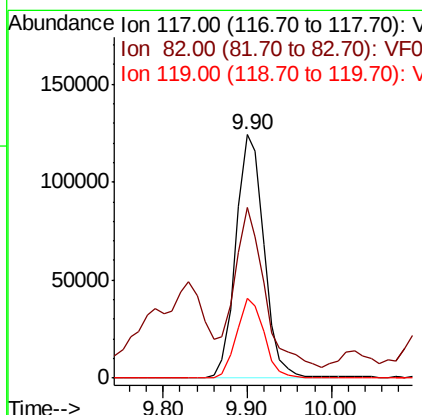
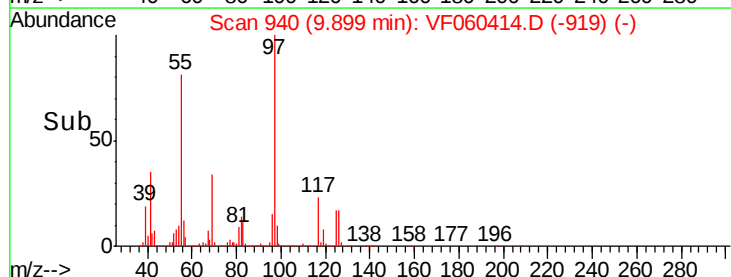
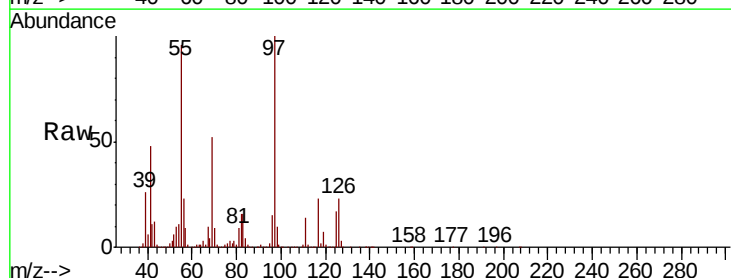
RT: 9.90 min Scan# 940

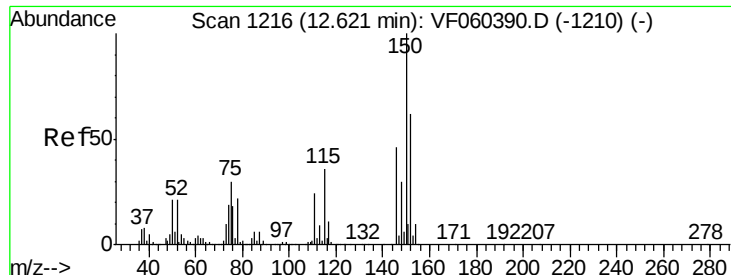
Delta R.T. 0.01 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Tgt Ion:	117	Resp:	289885
Ion Ratio	Lower	Upper	
117	100		
82	70.0	49.5	74.3
119	32.7	27.0	40.6





#72

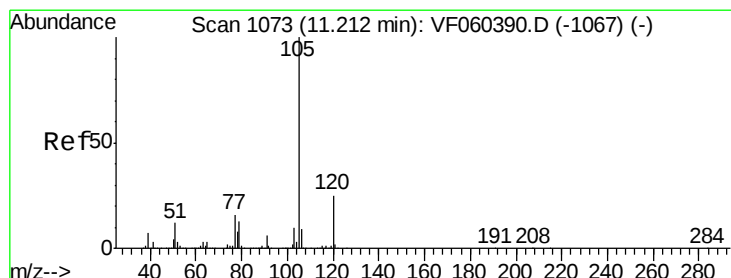
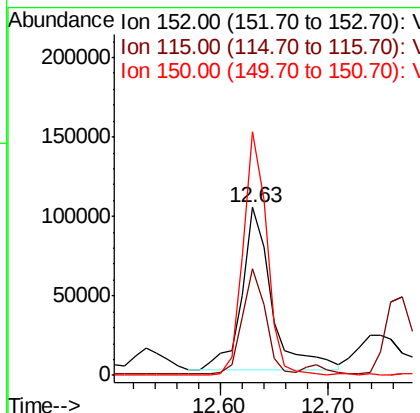
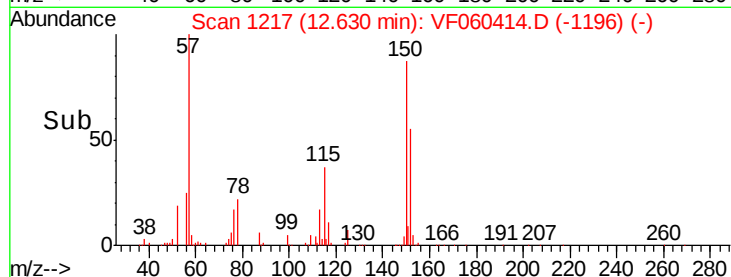
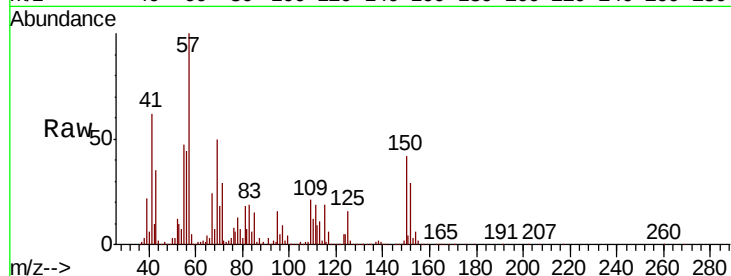
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

Instrument :
MSVOA_F
ClientSampleId :
EP1-MW-G-092718(7-10)

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.6	28.6	85.8
150	145.4	0.0	324.6

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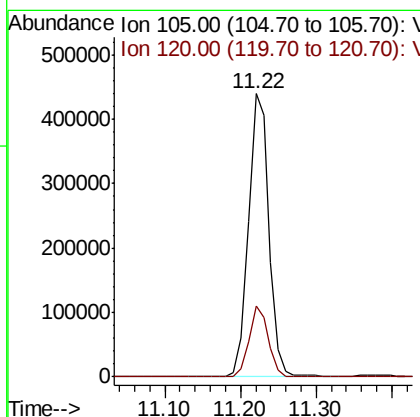
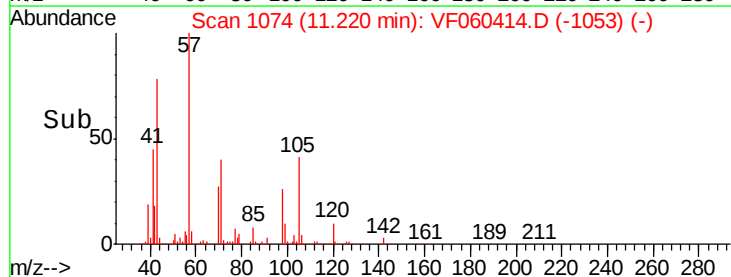
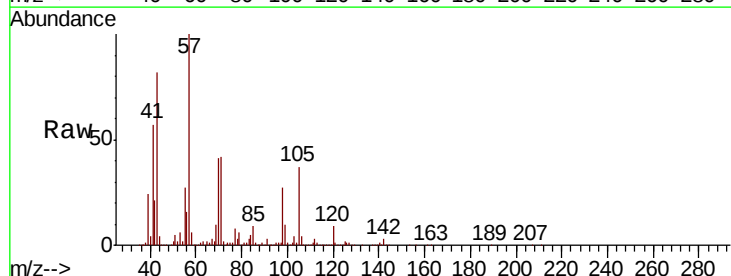
apatel
10/3/2018 1:15:54 PM

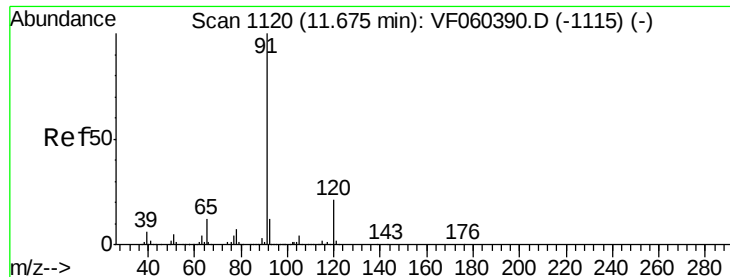


#73

Isopropylbenzene
Concen: 53.896 ug/l
RT: 11.22 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VF060414.D
Acq: 2 Oct 2018 20:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.9	12.3	36.9





#78

n-propylbenzene

Concen: 113.350 ug/l

RT: 11.68 min Scan# 1121

Delta R.T. 0.01 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

Instrument :

MSVOA_F

ClientSampleId :

EP1-MW-G-092718(7-10)

Tot Ion: 91 Resp: 2103942

Ion Ratio Lower Upper

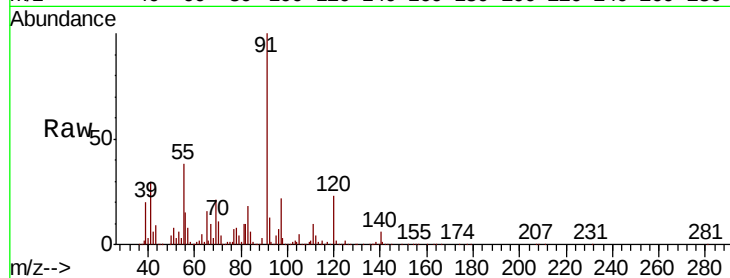
91 100

120 23.3 10.5 31.6

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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

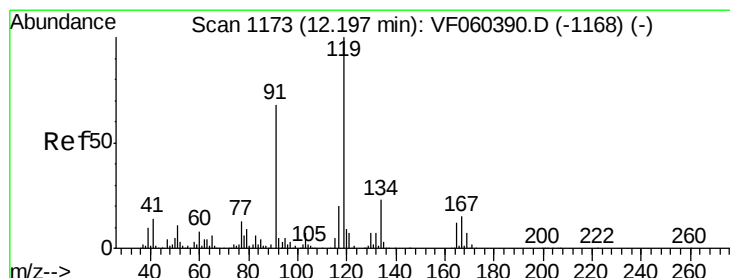
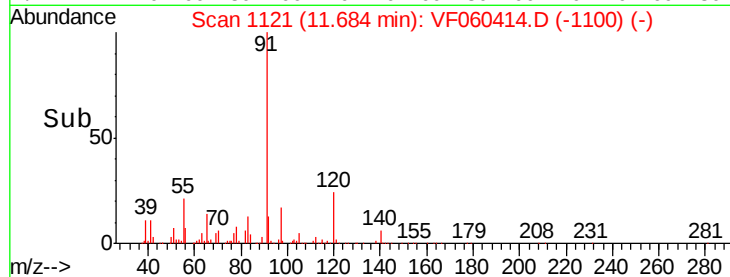
11.68

1000000

500000

0

Time-->



#83

tert-Butylbenzene

Concen: 39.954 ug/l

RT: 12.22 min Scan# 1175

Delta R.T. 0.02 min

Lab File: VF060414.D

Acq: 2 Oct 2018 20:46

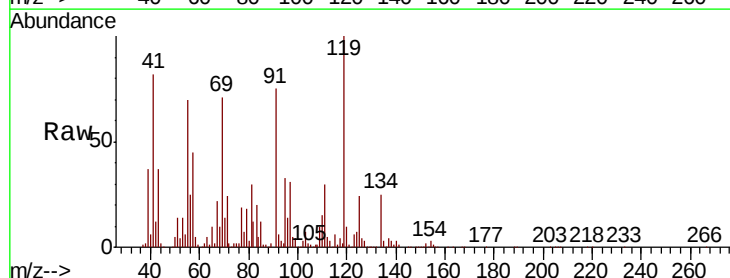
Tgt Ion: 119 Resp: 512632

Ion Ratio Lower Upper

119 100

91 75.1 34.0 102.0

134 24.8 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V

500000

400000

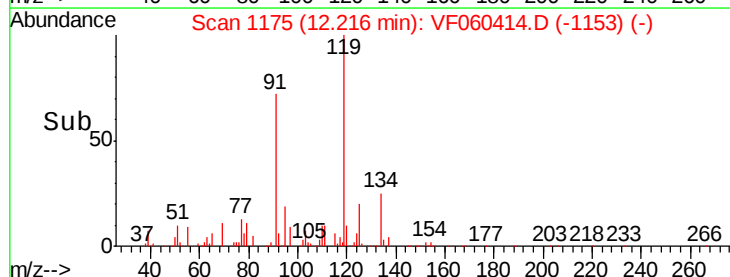
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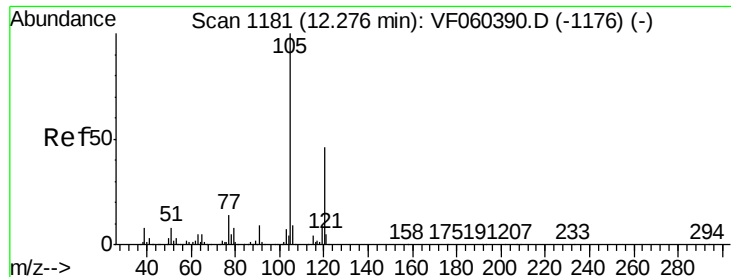
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Time-->





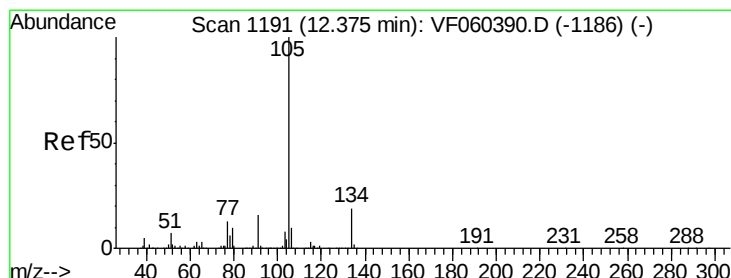
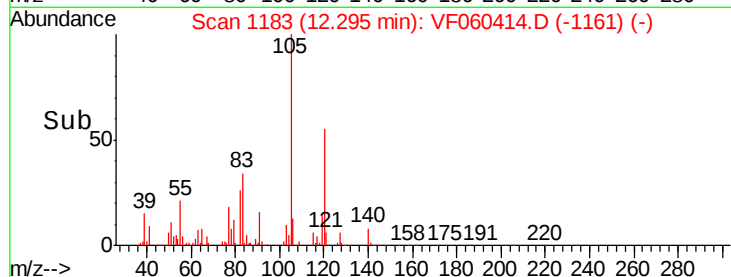
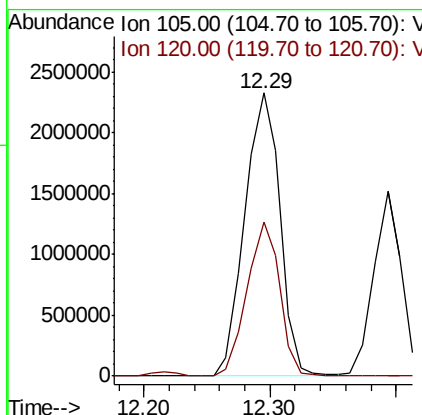
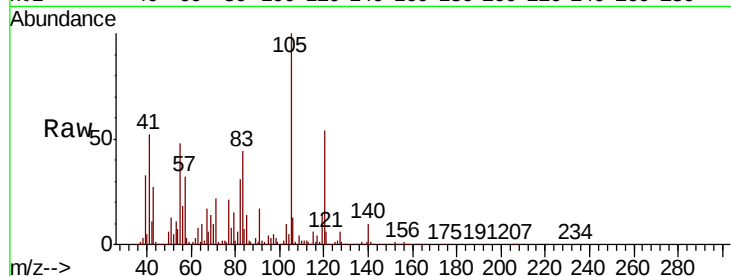
#84
 1,2,4-Trimethylbenzene
 Concen: 349.057 ug/l
 RT: 12.29 min Scan# 1183
 Delta R.T. 0.02 min
 Lab File: VF060414.D
 Acq: 2 Oct 2018 20:46

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G-092718(7-10)

Tot Ion:105 Resp: 4503097
 Ion Ratio Lower Upper
 105 100
 120 54.4 23.1 69.2

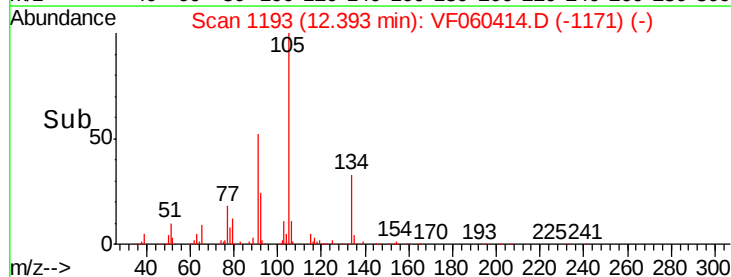
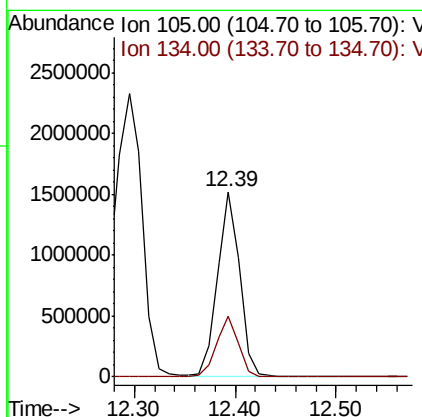
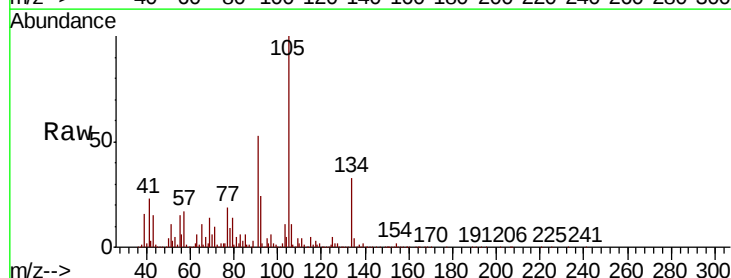
Manual Integrations
 APPROVED

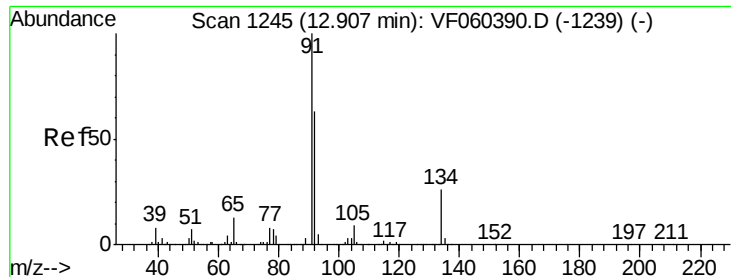
apatel
 10/3/2018 1:15:54 PM



#85
 sec-Butylbenzene
 Concen: 131.839 ug/l
 RT: 12.39 min Scan# 1193
 Delta R.T. 0.02 min
 Lab File: VF060414.D
 Acq: 2 Oct 2018 20:46

Tgt Ion:105 Resp: 2334863
 Ion Ratio Lower Upper
 105 100
 134 32.6 9.4 28.3#





#89
 n-Butylbenzene
 Concen: 81.712 ug/l
 RT: 12.92 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: VF060414.D
 Acq: 2 Oct 2018 20:46

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-MW-G-092718(7-10)

Tot Ion	Ratio	Lower	Upper
91	100		
92	63.9	31.3	93.9
134	26.6	13.0	38.9

Manual Integrations
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