

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059765.D
 Acq On : 1 Aug 2018 19:45
 Operator : VA/AP
 Sample : J4231-15
 Misc : 5.03g/5mL/MSVOA F/SOIL
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-8

Manual Integrations
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Quant Time: Aug 02 06:56:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	27780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	29629	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	19713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	7354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	6990	14.00	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	28.00%	
35) Dibromofluoromethane	4.28	113	8011	26.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.06%	
50) Toluene-d8	7.70	98	25251	35.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.38%	
62) 4-Bromofluorobenzene	11.51	95	7849	19.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.52%	
Target Compounds						
52) Toluene	7.77	92	2888	4.87	ug/l	78
67) Ethyl Benzene	10.03	91	324664	475.85	ug/l	98
68) m/p-Xylenes	10.25	106	33611	162.77	ug/l	97
69) o-Xylene	10.83	106	11957	47.56	ug/l	79
73) Isopropylbenzene	11.22	105	37276	77.25	ug/l	91
78) n-propylbenzene	11.68	91	14784	27.65	ug/l	98
80) 1,3,5-Trimethylbenzene	11.91	105	57863	161.46	ug/l	99
84) 1,2,4-Trimethylbenzene	12.28	105	144068	402.91	ug/l	99
86) p-Isopropyltoluene	12.53	119	16856m	37.87	ug/l	
89) n-Butylbenzene	12.90	91	21834	54.00	ug/l #	1
95) Naphthalene	14.52	128	3427917	10811.42	ug/l #	95

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

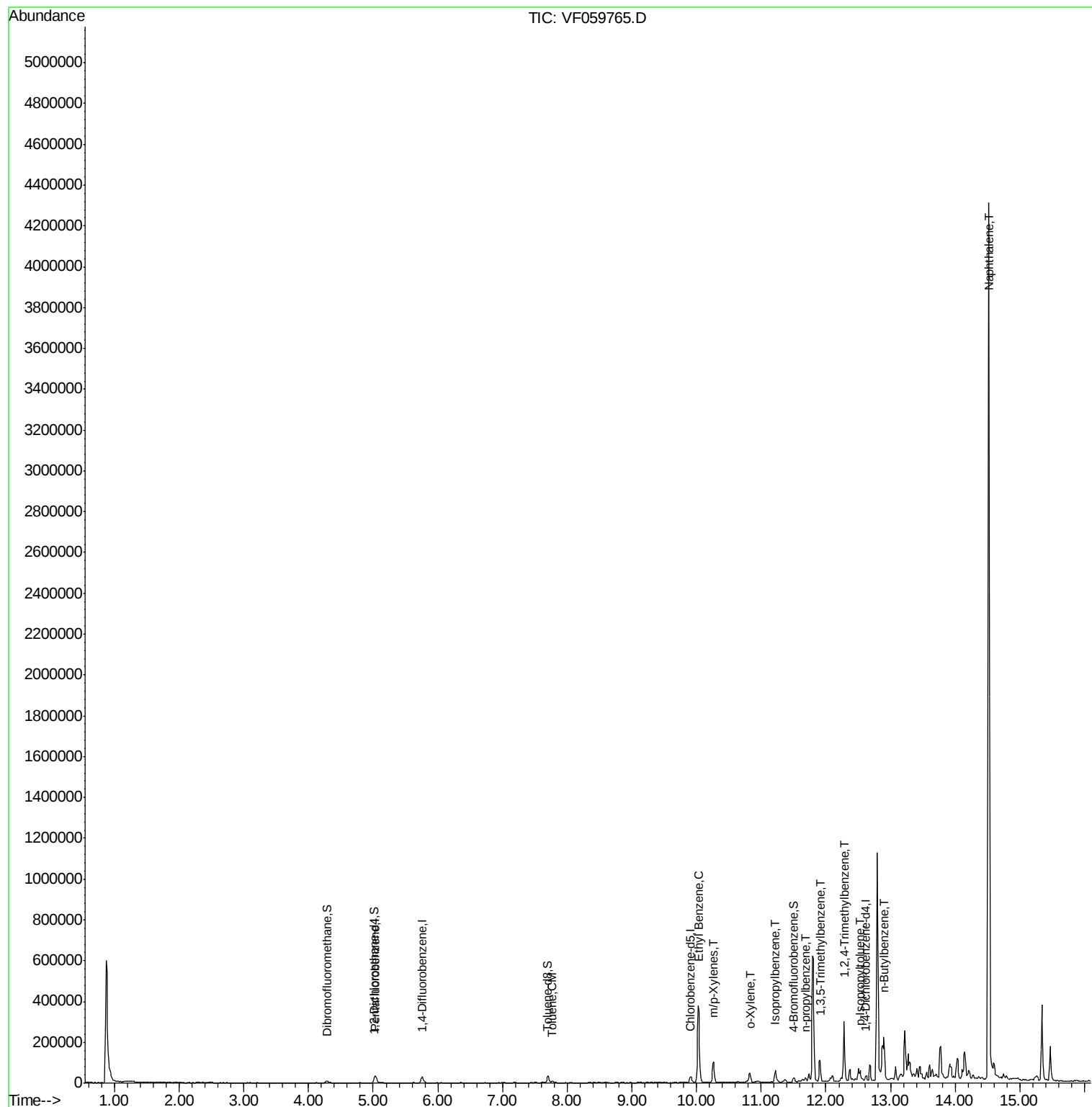
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059765.D
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Misc : 5.03g/5mL/MSVOA F/SOIL
ALS Vial : 95 Sample Multiplier: 1

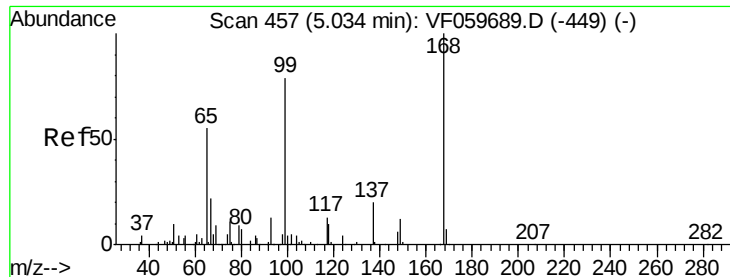
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-8

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Quant Time: Aug 02 06:56:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059765.D

Acq: 1 Aug 2018 19:45

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-8

Tot Ion:168 Resp: 27780

Ion Ratio Lower Upper

168 100

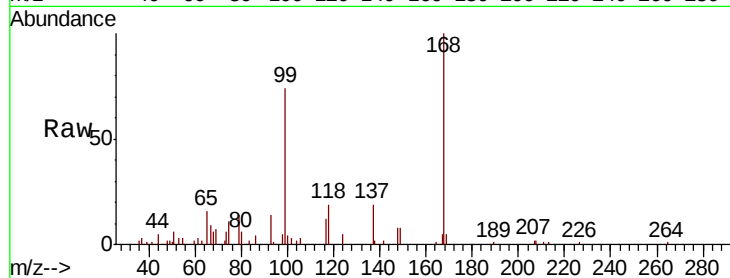
99 73.9 63.3 94.9

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.03

8000

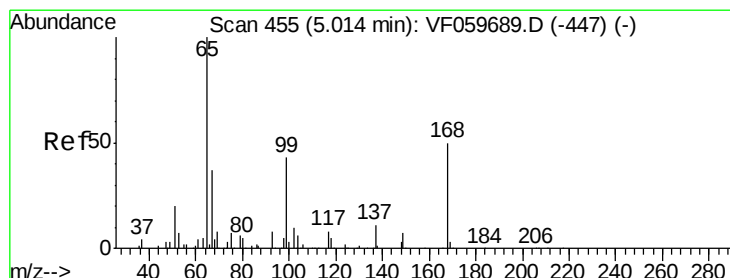
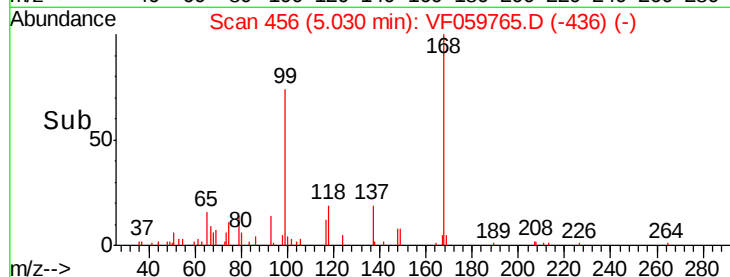
6000

4000

2000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 14.00 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059765.D

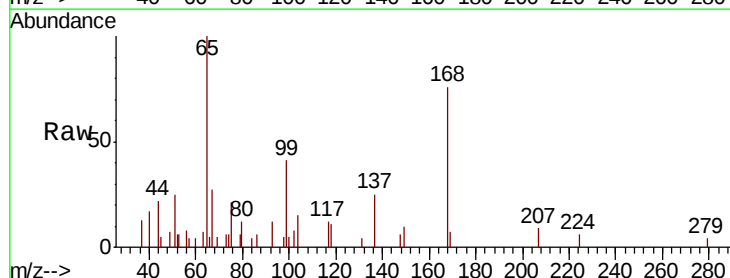
Acq: 1 Aug 2018 19:45

Tgt Ion: 65 Resp: 6990

Ion Ratio Lower Upper

65 100

67 26.9 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

2500

2000

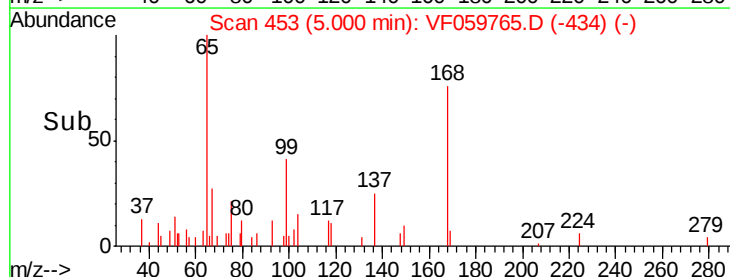
1500

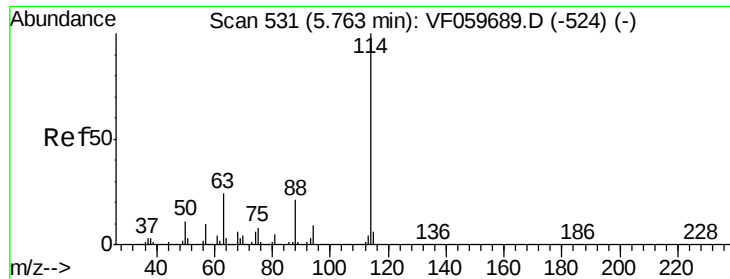
1000

500

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059765.D

Acq: 1 Aug 2018 19:45

Instrument :

MSVOA_F

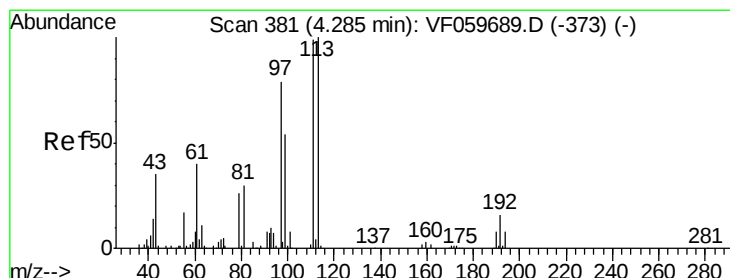
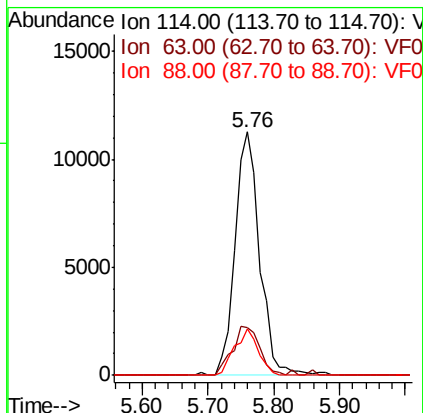
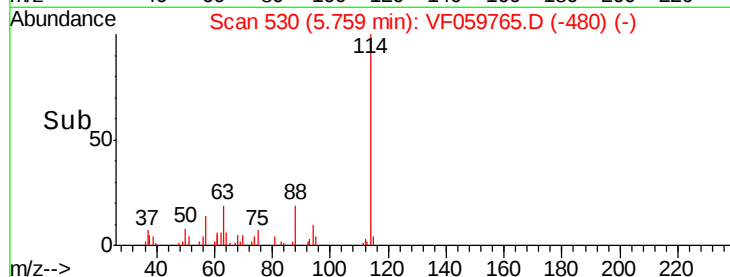
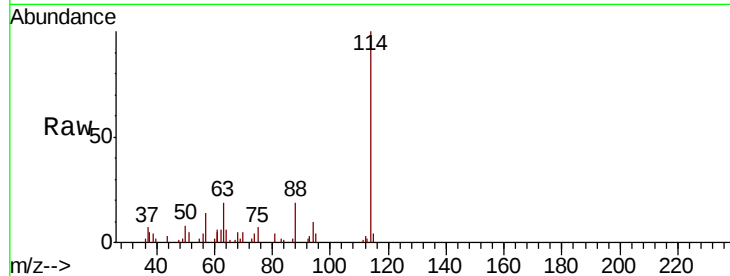
ClientSampleId :

2018-NYSEG-CLARK-AREA-14-8

Tot Ion:	114	Resp:	29629
Ion Ratio	Lower	Upper	
114	100		
63	19.5	0.0	47.4
88	19.1	0.0	41.2

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#35

Dibromofluoromethane

Concen: 26.03 ug/l

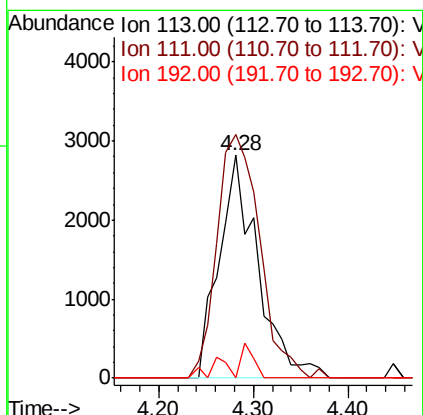
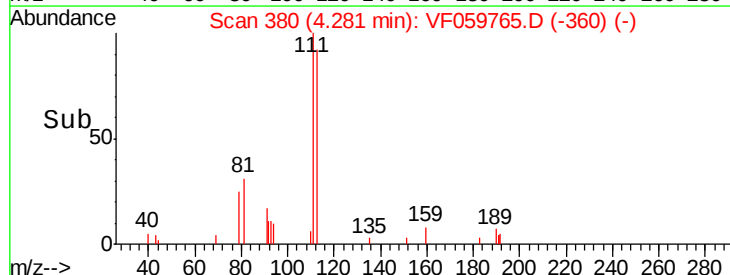
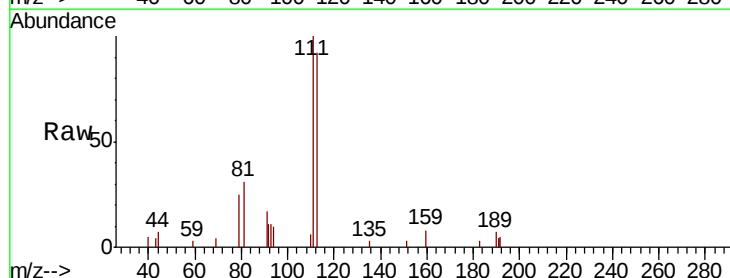
RT: 4.28 min Scan# 380

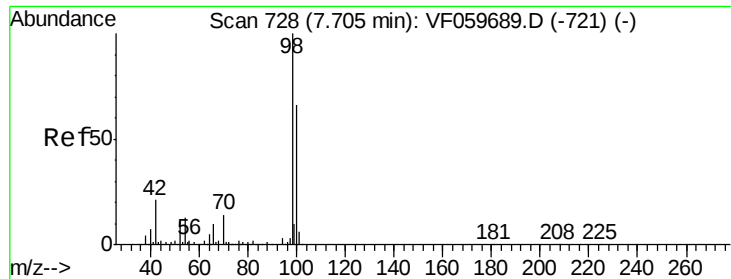
Delta R.T. -0.00 min

Lab File: VF059765.D

Acq: 1 Aug 2018 19:45

Tgt Ion:	113	Resp:	8011
Ion Ratio	Lower	Upper	
113	100		
111	109.2	79.0	118.4
192	0.0	13.2	19.8#





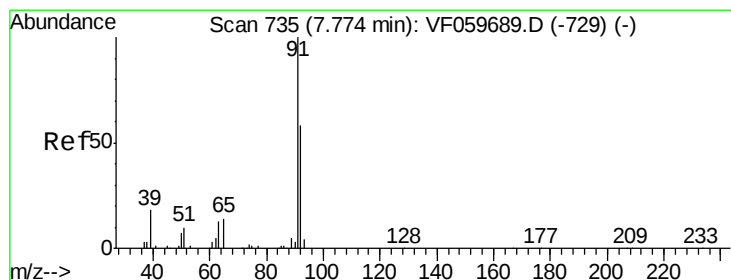
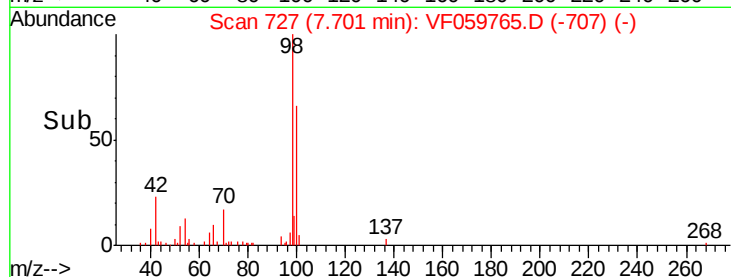
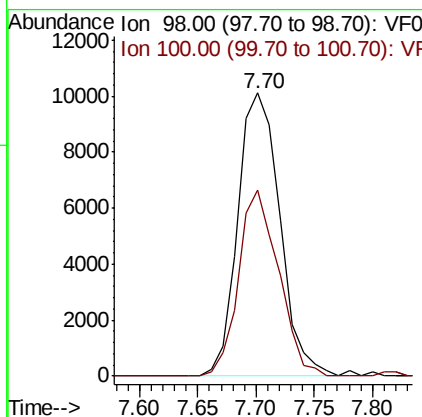
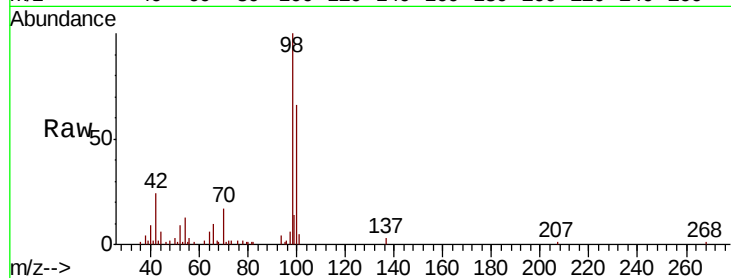
#50
Toluene-d8
Concen: 35.19 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059765.D
Acq: 1 Aug 2018 19:45

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-8

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	65.8	52.8	79.2	

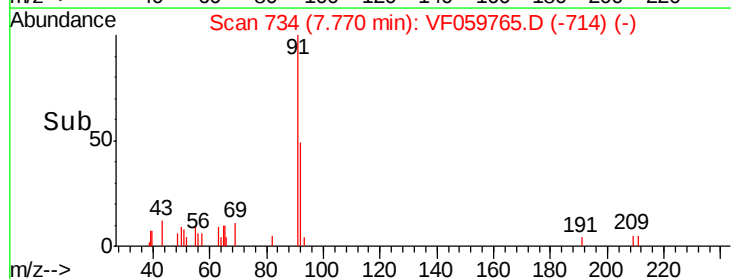
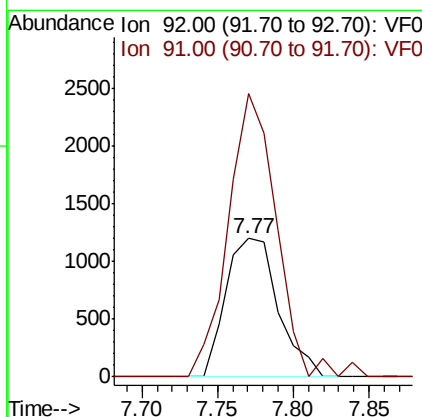
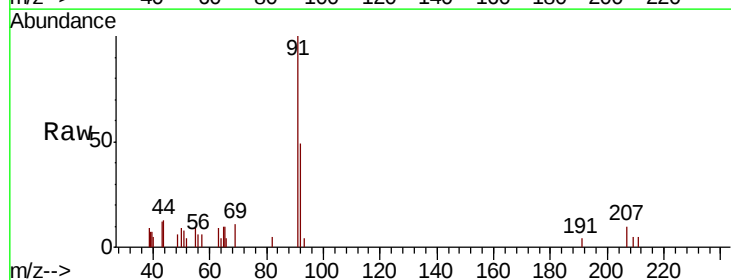
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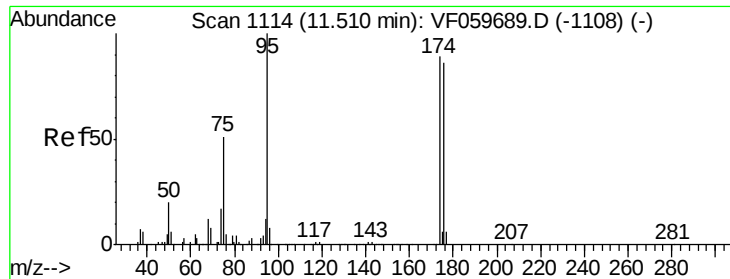
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#52
Toluene
Concen: 4.87 ug/l
RT: 7.77 min Scan# 734
Delta R.T. -0.00 min
Lab File: VF059765.D
Acq: 1 Aug 2018 19:45

Tgt Ion	Ion	Ratio	Lower	Upper
92	100			
91	204.6	139.0	208.4	





#62

4-Bromofluorobenzene

Concen: 19.76 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059765.D

Acq: 1 Aug 2018 19:45

Instrument :

MSVOA_F

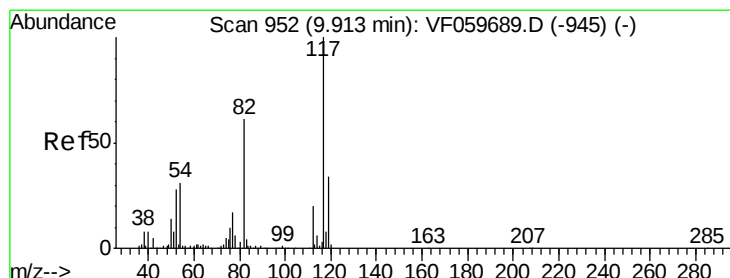
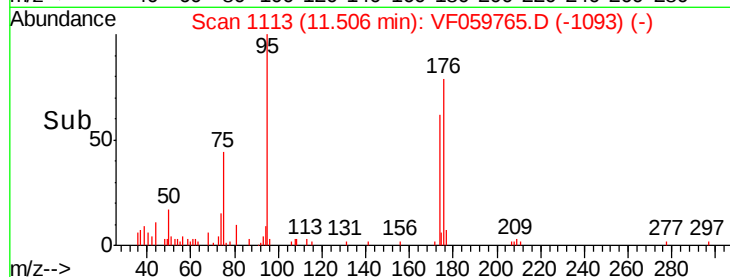
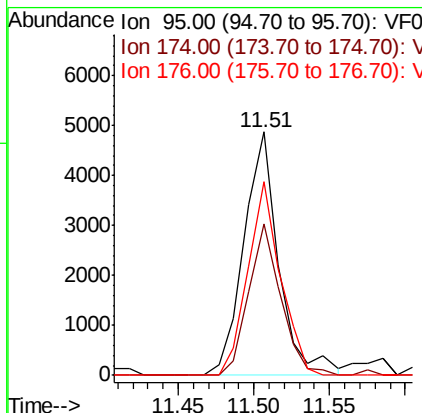
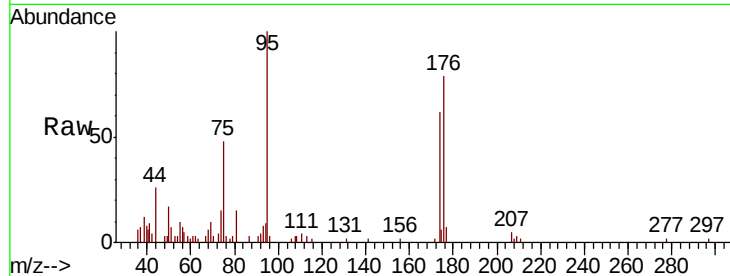
ClientSampleId :

2018-NYSEG-CLARK-AREA-14-8

Tot Ion:	95	Resp:	7849
Ion	Ratio	Lower	Upper
95	100		
174	62.2	0.0	178.4
176	79.3	0.0	173.0

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

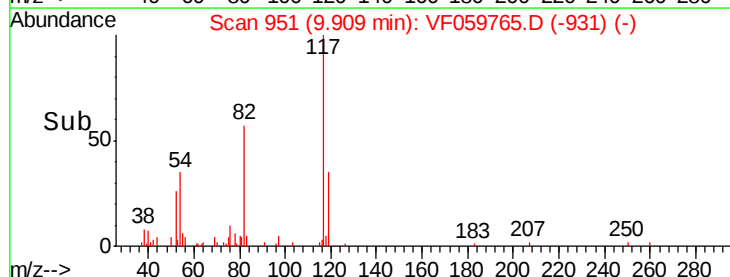
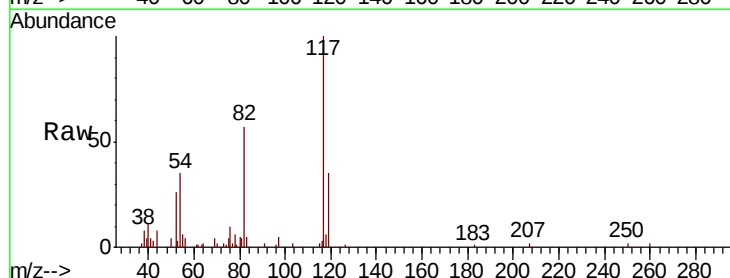
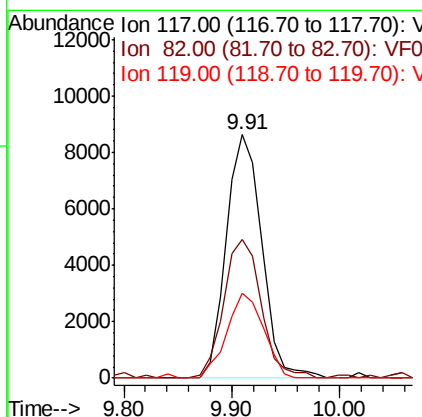
RT: 9.91 min Scan# 951

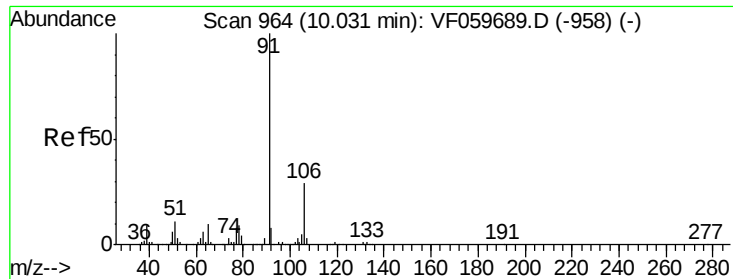
Delta R.T. -0.00 min

Lab File: VF059765.D

Acq: 1 Aug 2018 19:45

Tgt Ion:	117	Resp:	19713
Ion	Ratio	Lower	Upper
117	100		
82	57.0	49.0	73.4
119	34.7	27.3	40.9





#67

Ethyl Benzene

Concen: 475.85 ug/l

RT: 10.03 min Scan# 963

Delta R.T. -0.00 min

Lab File: VF059765.D

Acq: 1 Aug 2018 19:45

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-8

Tot Ion: 91 Resp: 324664

Ion Ratio Lower Upper

91 100

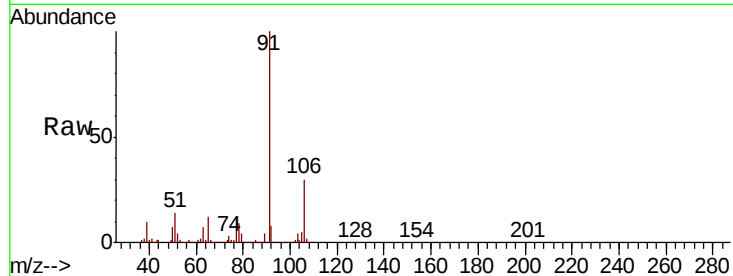
106 29.8 22.9 34.3

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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

150000

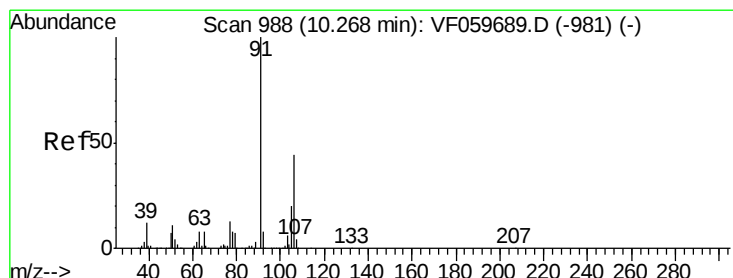
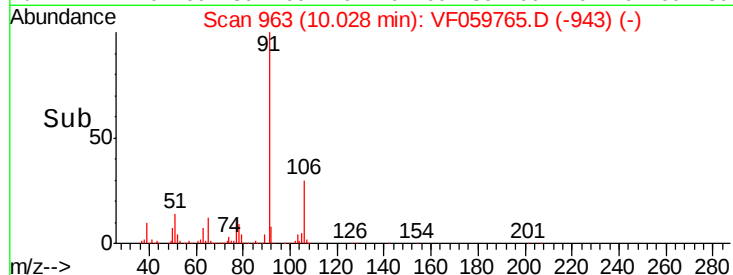
100000

50000

0

9.90 10.00 10.10 10.20

Time-->



#68

m/p-Xylenes

Concen: 162.77 ug/l

RT: 10.25 min Scan# 986

Delta R.T. -0.01 min

Lab File: VF059765.D

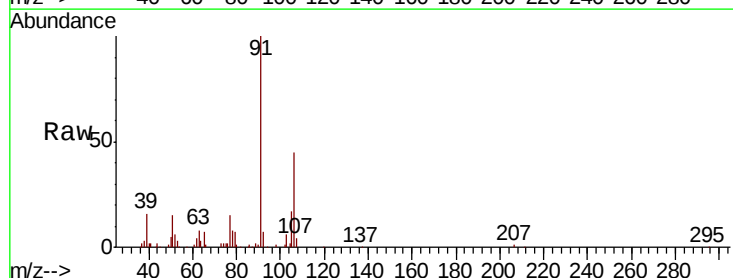
Acq: 1 Aug 2018 19:45

Tgt Ion:106 Resp: 33611

Ion Ratio Lower Upper

106 100

91 221.4 181.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

40000

30000

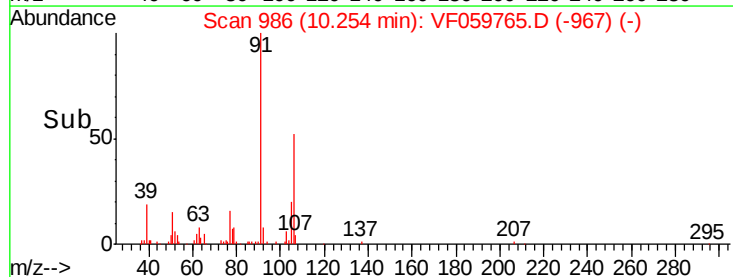
20000

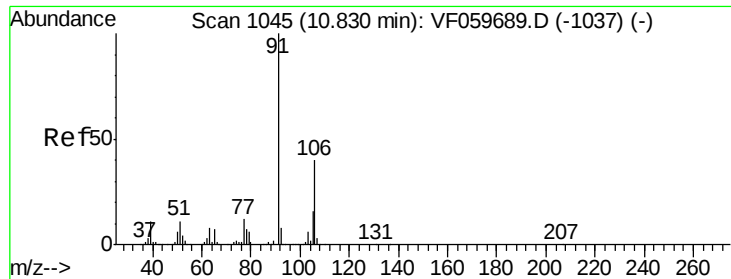
10000

0

10.20 10.30 10.40

Time-->





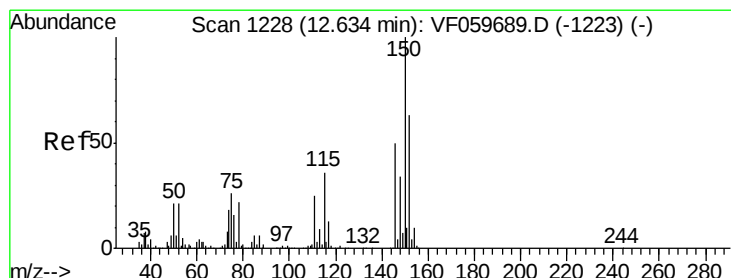
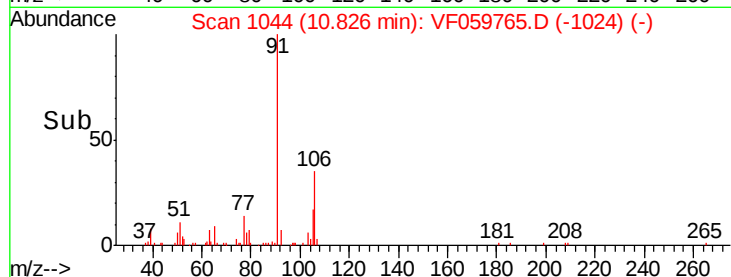
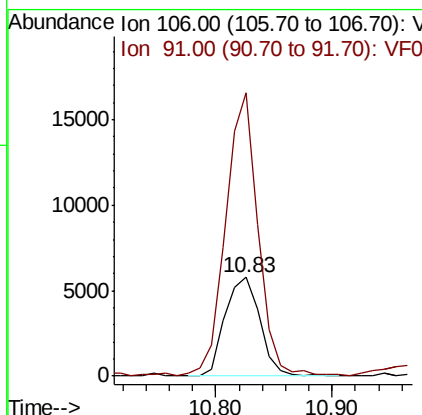
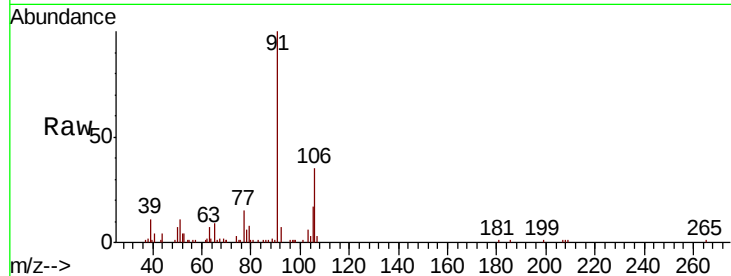
#69
o-Xylene
Concen: 47.56 ug/l
RT: 10.83 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VF059765.D
Acq: 1 Aug 2018 19:45

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-8

Tot Ion:106 Resp: 11957
Ion Ratio Lower Upper
106 100
91 286.4 124.6 373.7

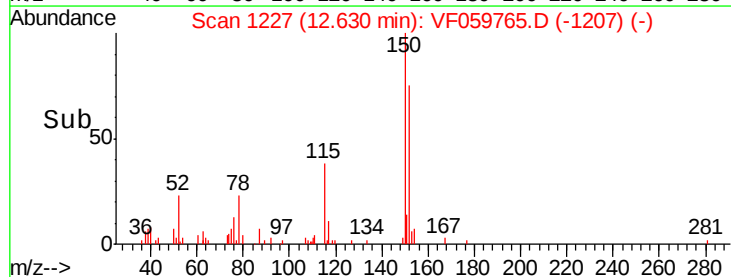
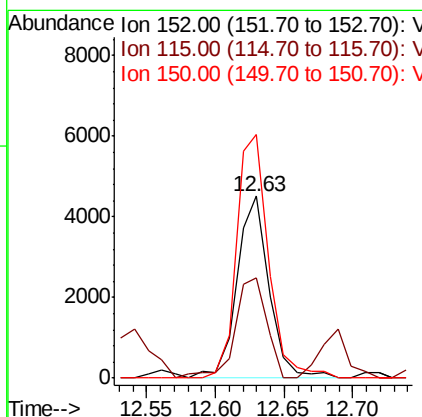
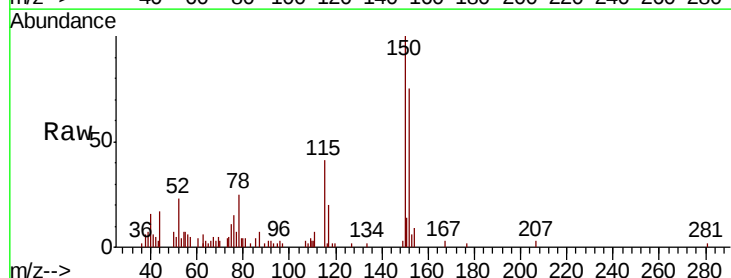
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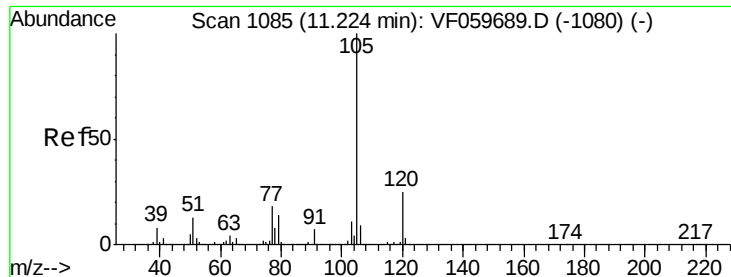
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059765.D
Acq: 1 Aug 2018 19:45

Tgt Ion:152 Resp: 7354
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.6
150 134.0 0.0 316.2





#73

Isopropylbenzene

Concen: 77.25 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VF059765.D

Acq: 1 Aug 2018 19:45

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-8

Tot Ion:105 Resp: 37276

Ion Ratio Lower Upper

105 100

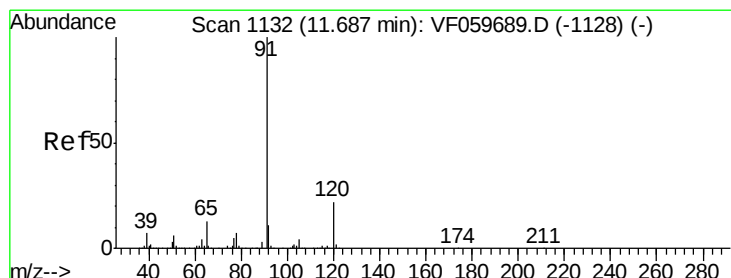
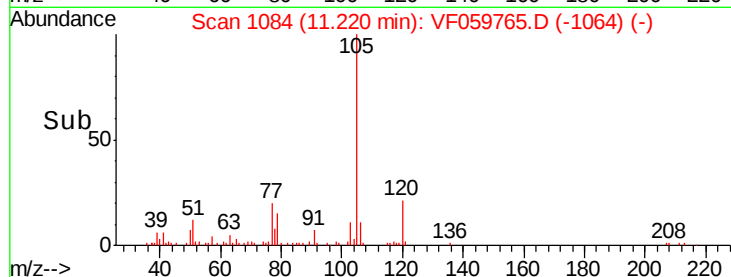
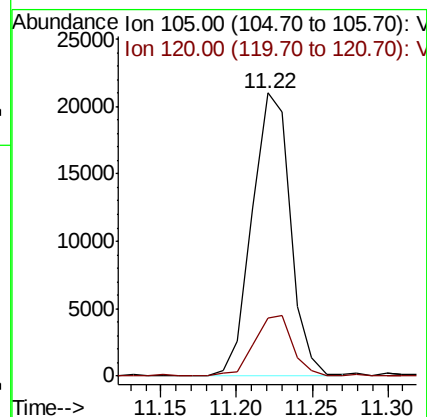
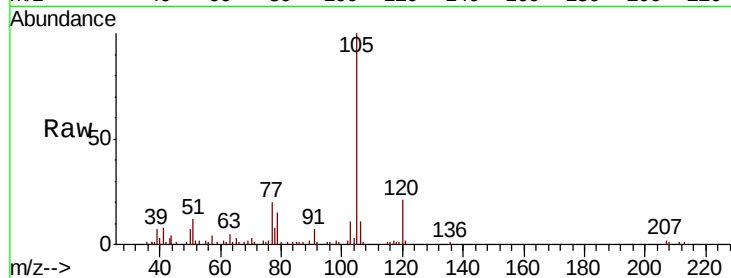
120 20.5 12.4 37.4

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#78

n-propylbenzene

Concen: 27.65 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF059765.D

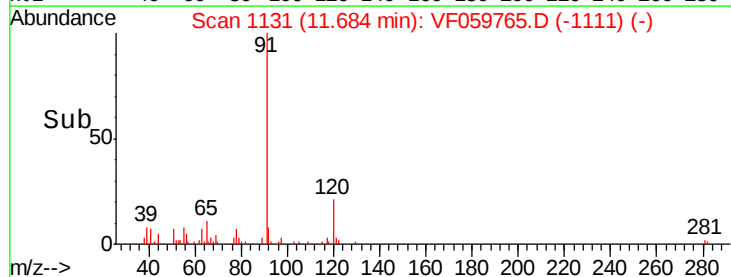
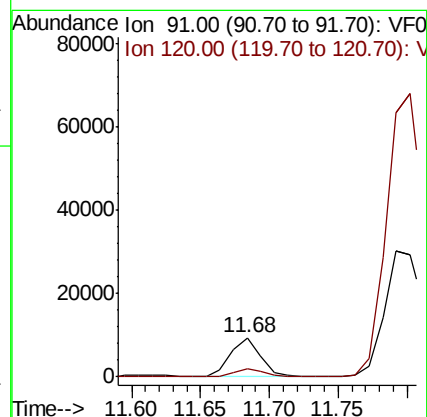
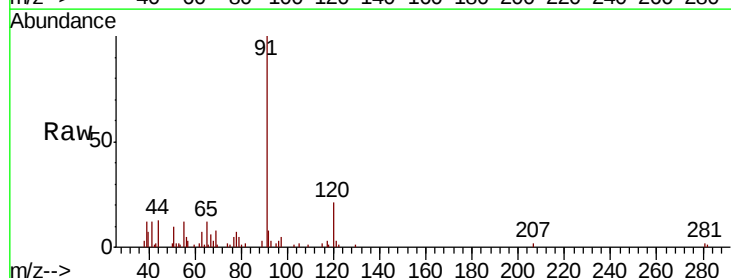
Acq: 1 Aug 2018 19:45

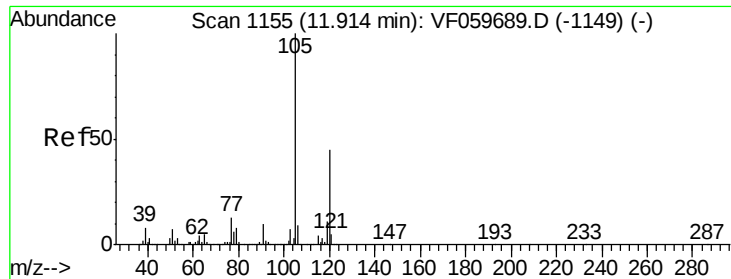
Tgt Ion: 91 Resp: 14784

Ion Ratio Lower Upper

91 100

120 21.0 11.0 33.0





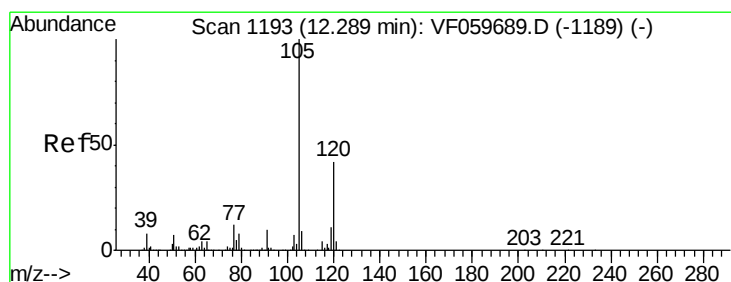
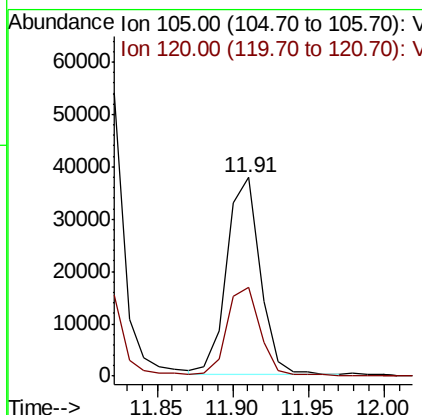
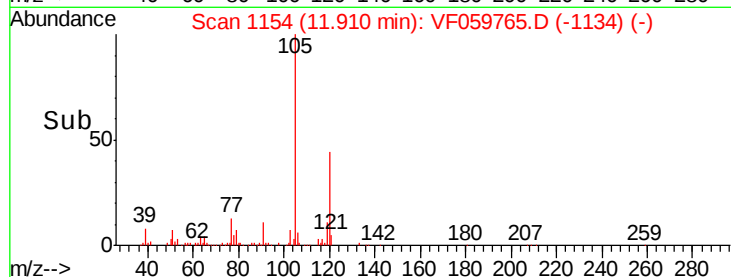
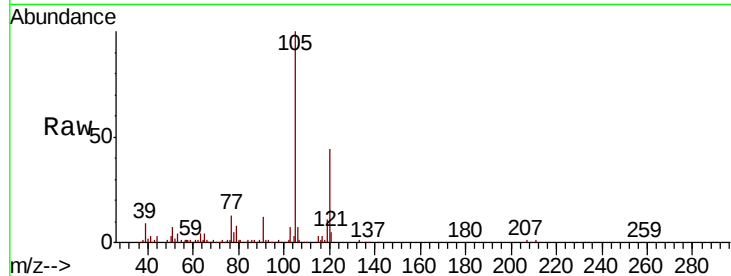
#80
 1,3,5-Trimethylbenzene
 Concen: 161.46 ug/l
 RT: 11.91 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VF059765.D
 Acq: 1 Aug 2018 19:45

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-8

Tot Ion	Ion	Ratio	Lower	Upper
105	105	100		
120	120	44.5	22.7	68.0

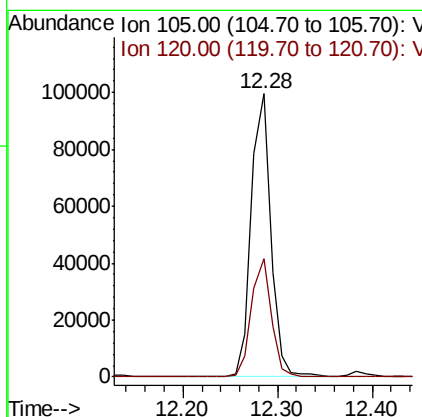
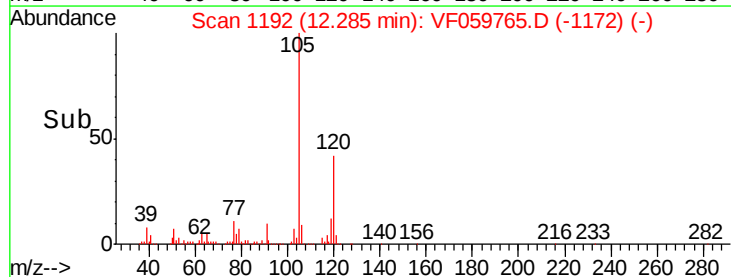
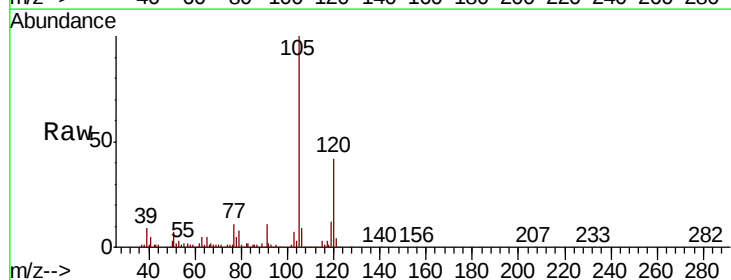
Manual Integrations
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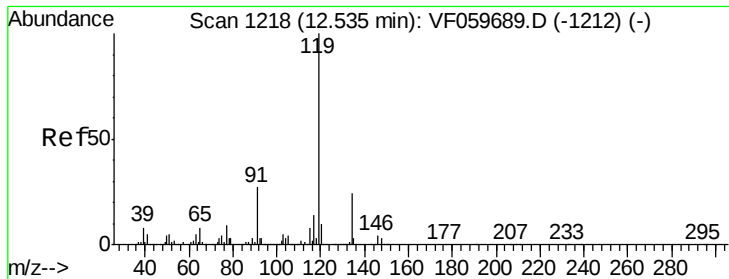
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#84
 1,2,4-Trimethylbenzene
 Concen: 402.91 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: VF059765.D
 Acq: 1 Aug 2018 19:45

Tgt Ion	Ion	Ratio	Lower	Upper
105	105	100		
120	120	41.9	21.1	63.3





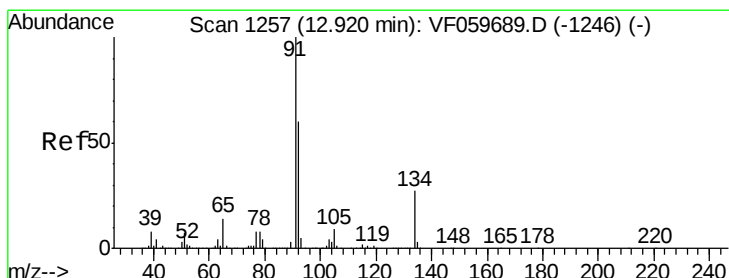
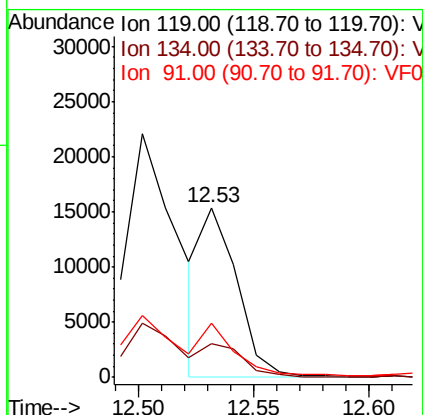
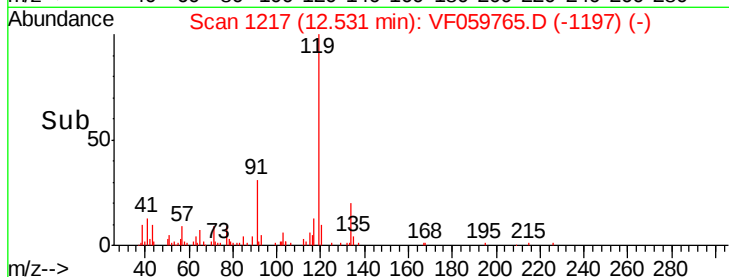
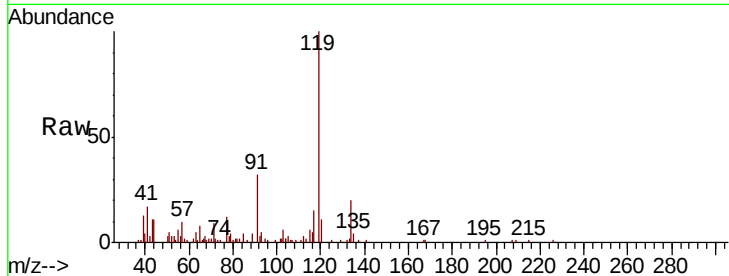
#86
p-Isopropyltoluene
Concen: 37.87 ug/l m
RT: 12.53 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF059765.D
Acq: 1 Aug 2018 19:45

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-8

Tot Ion	Ratio	Resp	Lower	Upper
119	100	16856		
134	19.5	12.2	36.6	
91	31.6	13.4	40.2	

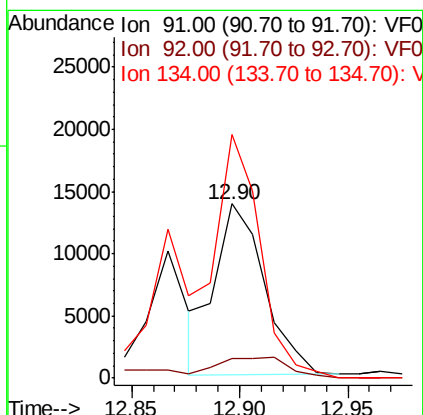
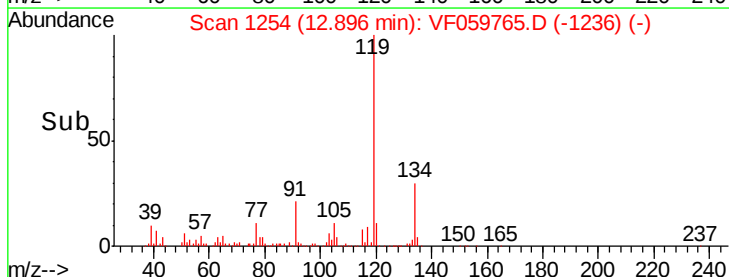
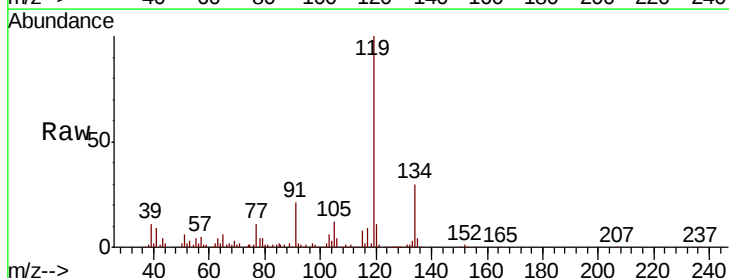
Manual Integrations
APPROVED

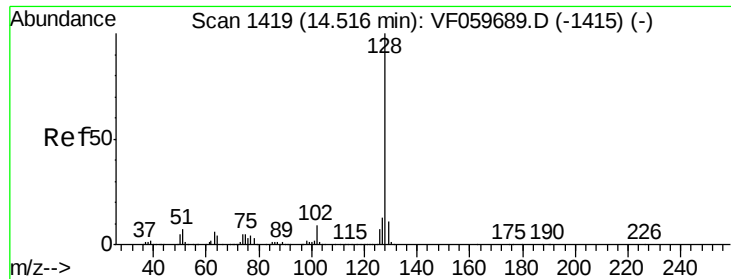
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#89
n-Butylbenzene
Concen: 54.00 ug/l
RT: 12.90 min Scan# 1254
Delta R.T. -0.02 min
Lab File: VF059765.D
Acq: 1 Aug 2018 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	21834		
92	11.2	30.1	90.3#	
134	139.9	13.7	41.0#	





#95
Naphthalene
Concen: 10811.42 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.01 min
Lab File: VF059765.D
Acq: 1 Aug 2018 19:45

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-8

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.0	15.0
129	13.7	8.6	13.0

Manual Integrations
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