

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059759.D
 Acq On : 1 Aug 2018 17:00
 Operator : VA/AP
 Sample : J4231-03
 Misc : 5.01a/5mL/MSVOA F/SOIL
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-2

Manual Integrations
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apatel
 8/2/2018 12:23:01 PM

Quant Time: Aug 02 06:38:14 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	5.04	168	51845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	67468	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	58451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	23598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	39826	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	
35) Dibromofluoromethane	4.29	113	32384	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
50) Toluene-d8	7.71	98	59157	36.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.40%	
62) 4-Bromofluorobenzene	11.51	95	26515	29.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.62%	
Target Compounds						
67) Ethyl Benzene	10.04	91	12853	6.35	ug/l	94
69) o-Xylene	10.84	106	3150	4.23	ug/l	89
70) Styrene	10.90	104	3736	3.31	ug/l #	85
73) Isopropylbenzene	11.23	105	33216	21.45	ug/l	85
78) n-propylbenzene	11.68	91	22110	9.91	ug/l	92
80) 1,3,5-Trimethylbenzene	11.91	105	49660	39.33	ug/l	91
84) 1,2,4-Trimethylbenzene	12.28	105	82364	67.69	ug/l	99
86) p-Isopropyltoluene	12.54	119	50375m	34.84	ug/l	
89) n-Butylbenzene	12.91	91	74823	58.11	ug/l #	4
95) Naphthalene	14.52	128	2694310	2648.19	ug/l #	96

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

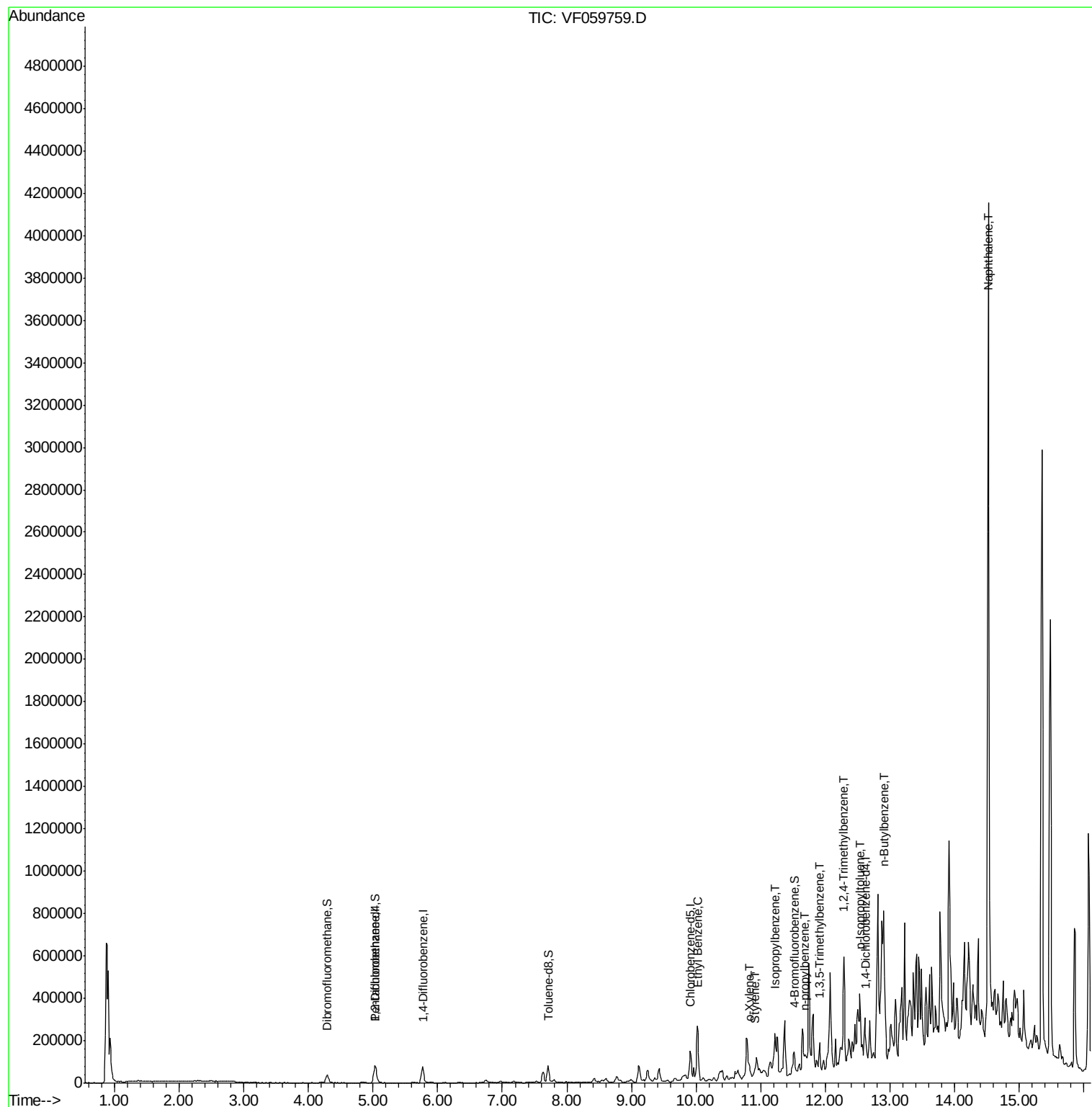
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059759.D
Acq On : 1 Aug 2018 17:00
Operator : VA/AP
Sample : J4231-03
Misc : 5.01a/5mL/MSVOA F/SOIL
ALS Vial : 90 Sample Multiplier: 1

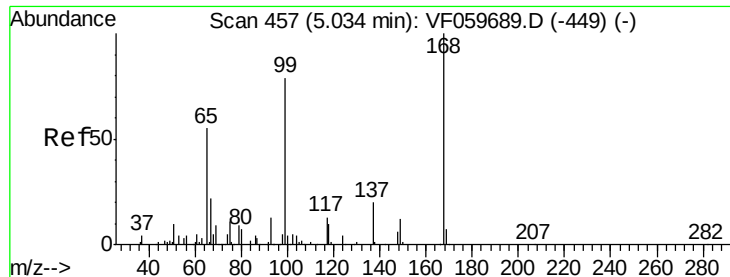
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

Manual Integrations
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Quant Time: Aug 02 06:38:14 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059759.D

Acq: 1 Aug 2018 17:00

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-2

Tot Ion:168 Resp: 51845

Ion Ratio Lower Upper

168 100

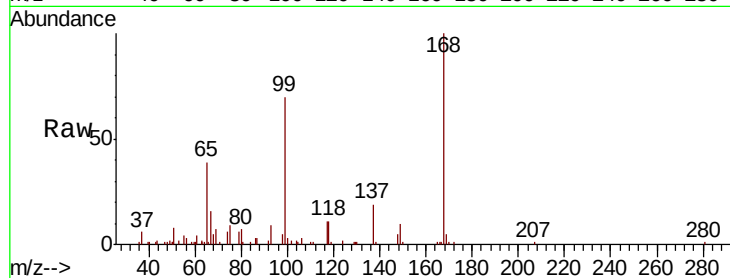
99 70.3 63.3 94.9

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

20000

15000

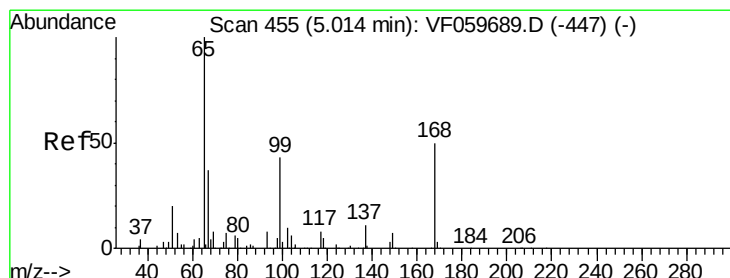
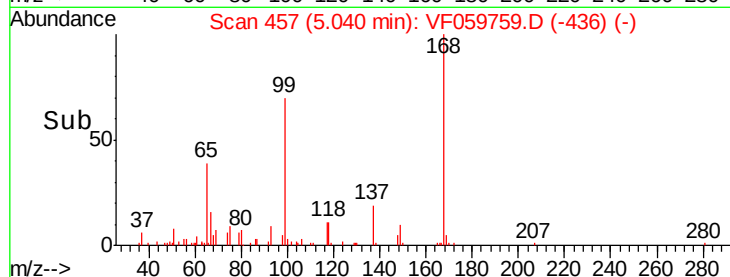
10000

5000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.74 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059759.D

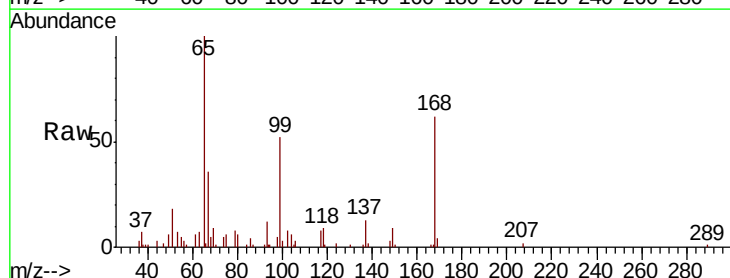
Acq: 1 Aug 2018 17:00

Tgt Ion: 65 Resp: 39826

Ion Ratio Lower Upper

65 100

67 35.8 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

15000

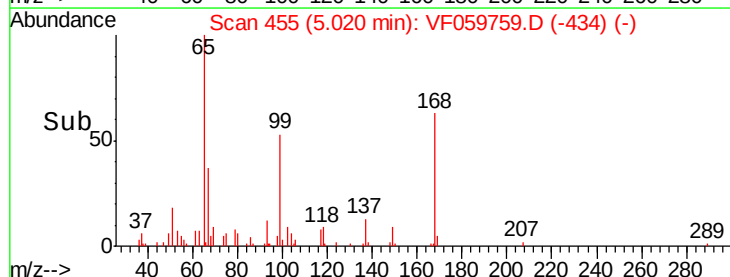
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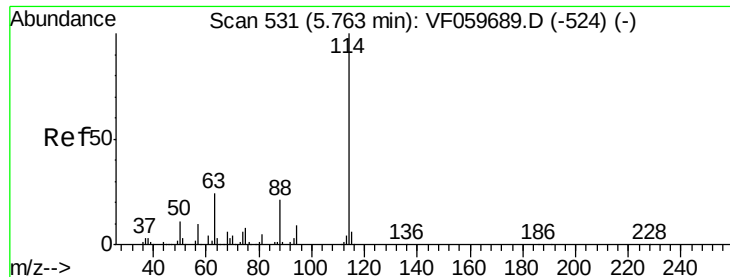
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4.90 5.00 5.10

Time-->





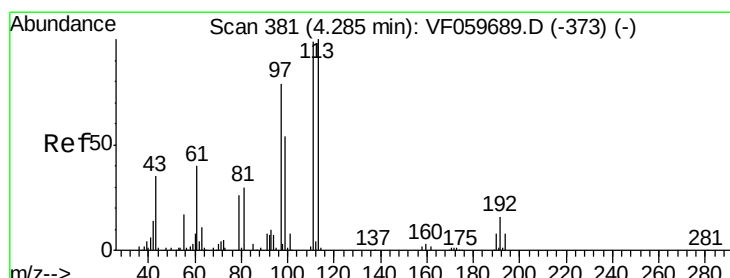
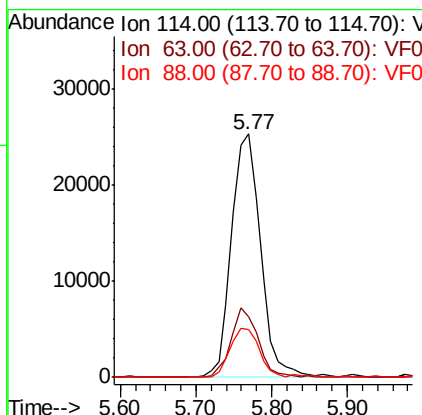
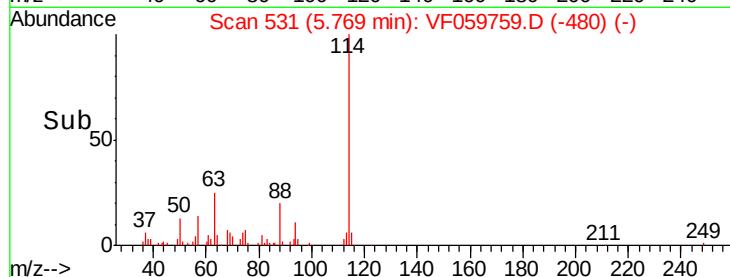
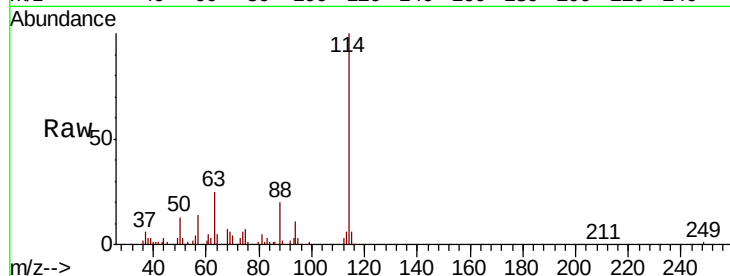
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VF059759.D
 Acq: 1 Aug 2018 17:00

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-2

Tot Ion:	114	Resp:	67468
Ion Ratio	Lower	Upper	
114	100		
63	24.8	0.0	47.4
88	19.7	0.0	41.2

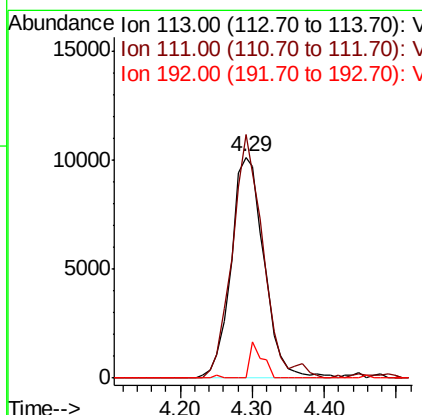
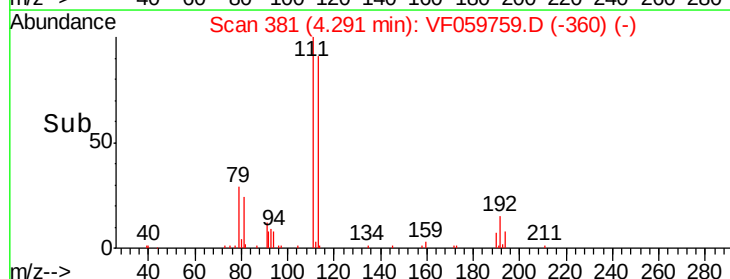
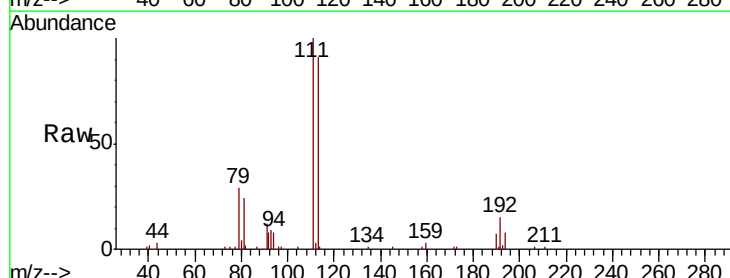
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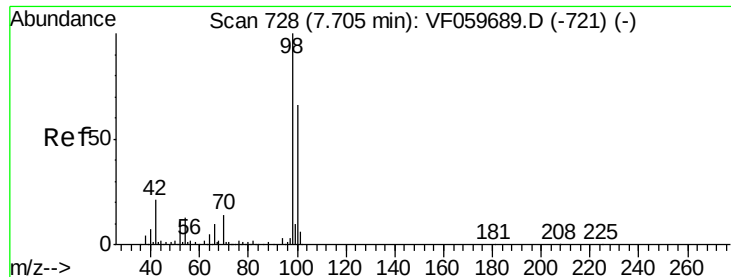
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#35
 Dibromofluoromethane
 Concen: 46.21 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VF059759.D
 Acq: 1 Aug 2018 17:00

Tgt Ion:	113	Resp:	32384
Ion Ratio	Lower	Upper	
113	100		
111	110.1	79.0	118.4
192	0.0	13.2	19.8#





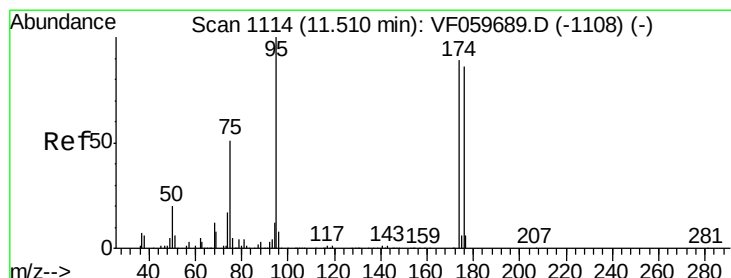
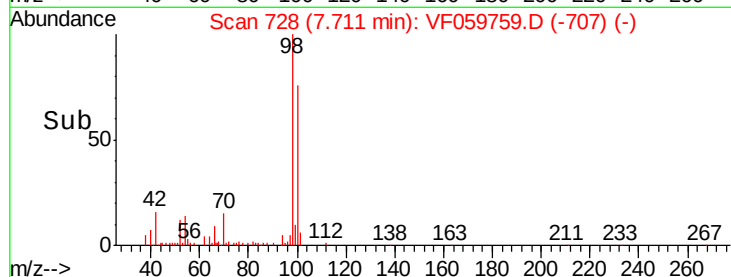
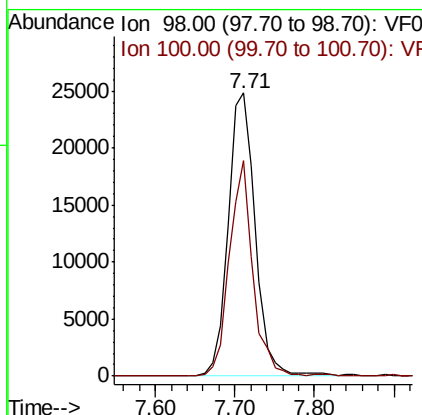
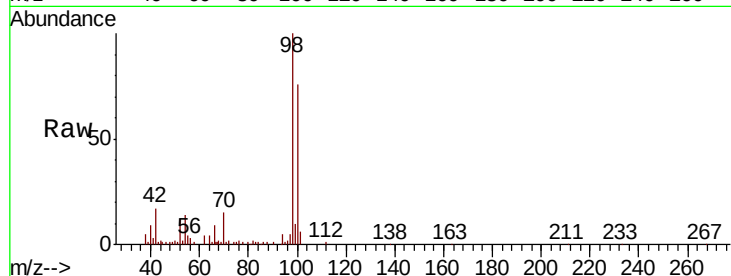
#50
Toluene-d8
Concen: 36.20 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059759.D
Acq: 1 Aug 2018 17:00

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

Tot Ion	98	Resp	59157
Ion Ratio	100	Lower	Upper
98	100	52.8	79.2
100	76.1		

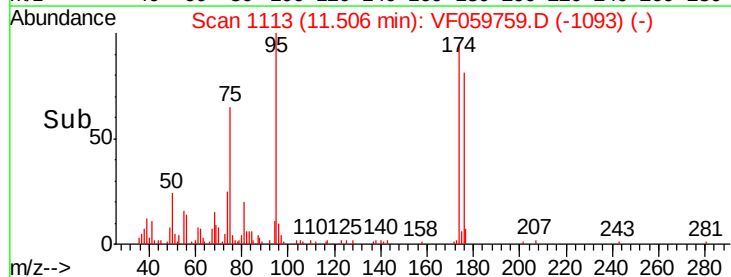
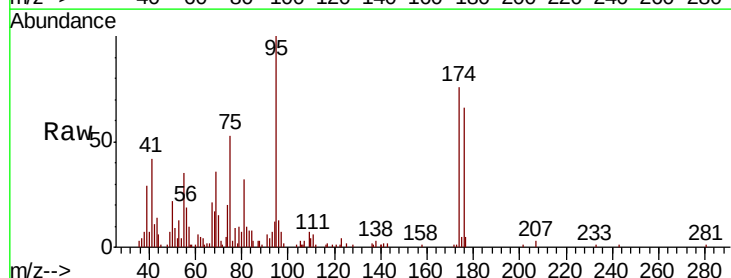
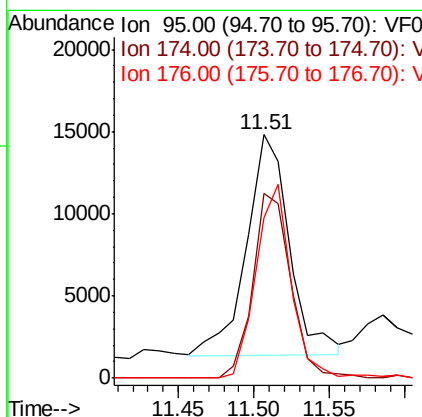
Manual Integrations
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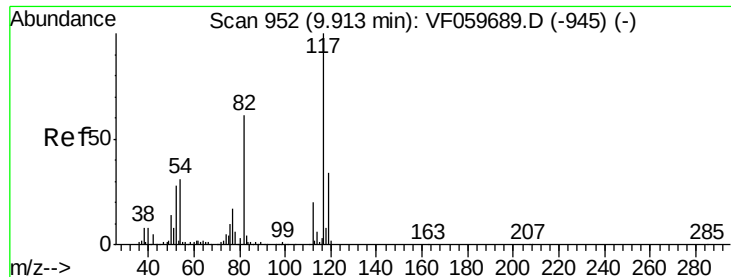
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#62
4-Bromofluorobenzene
Concen: 29.31 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059759.D
Acq: 1 Aug 2018 17:00

Tgt Ion	95	Resp	26515
Ion Ratio	100	Lower	Upper
95	100	0.0	178.4
174	76.1		
176	65.7		





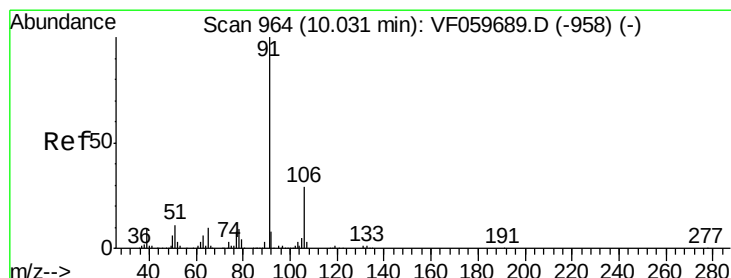
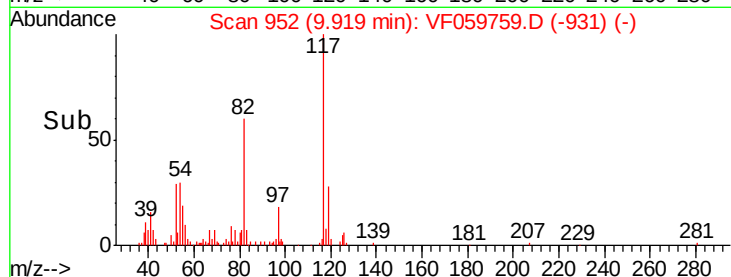
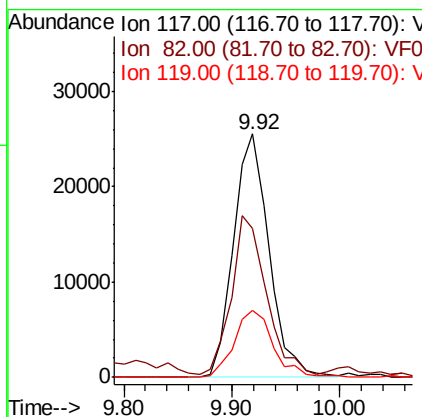
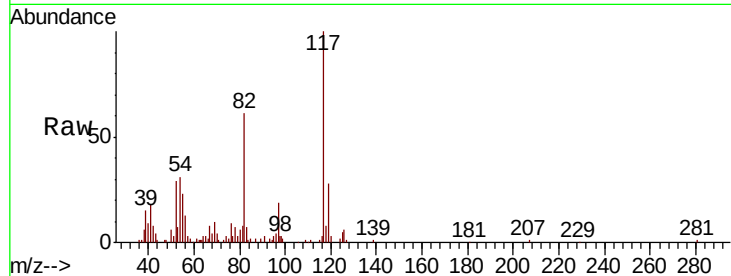
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059759.D
Acq: 1 Aug 2018 17:00

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

Tot Ion	Ratio	Resp	Lower	Upper
117	100	58451		
82	61.1		49.0	73.4
119	27.5		27.3	40.9

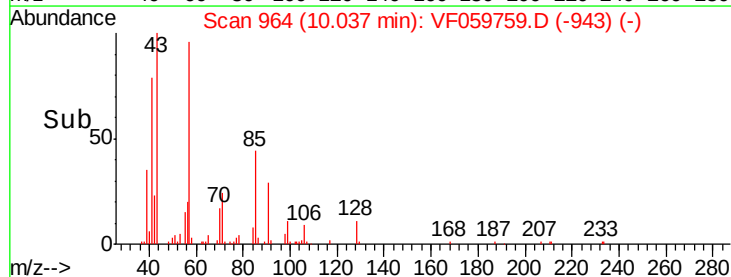
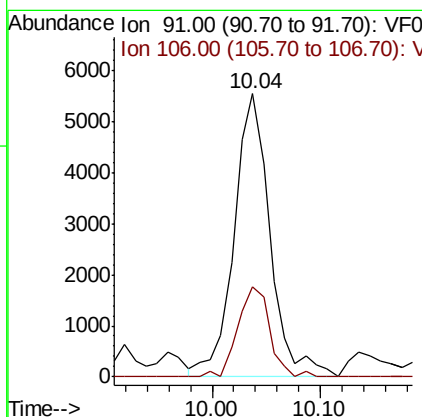
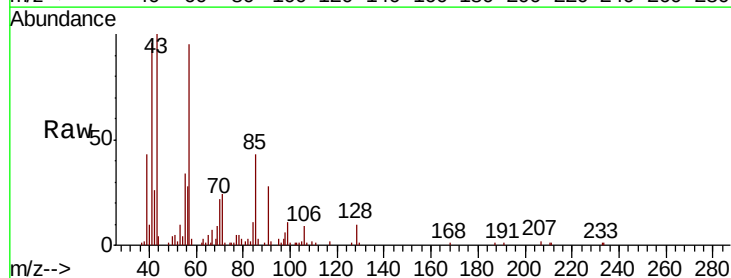
Manual Integrations
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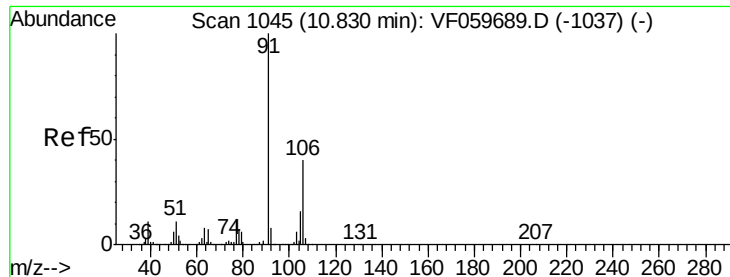
apatel
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#67
Ethyl Benzene
Concen: 6.35 ug/l
RT: 10.04 min Scan# 964
Delta R.T. 0.01 min
Lab File: VF059759.D
Acq: 1 Aug 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	12853		
106	31.9		22.9	34.3





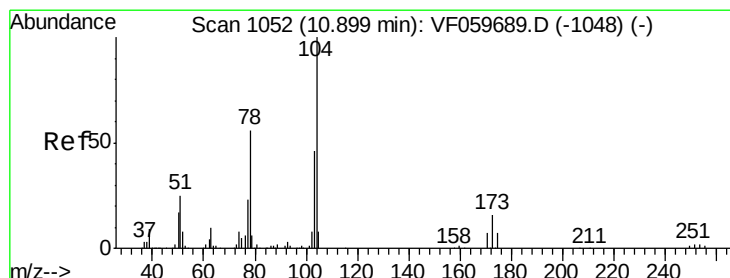
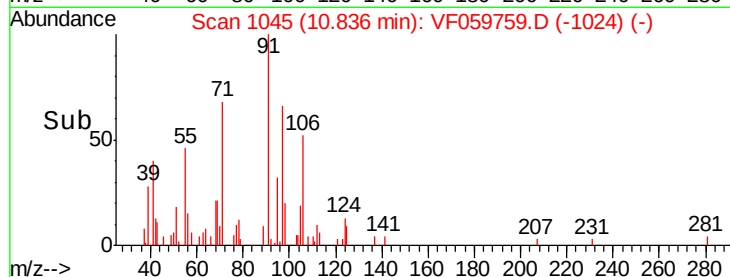
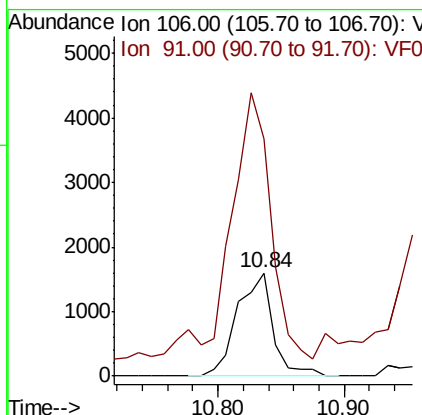
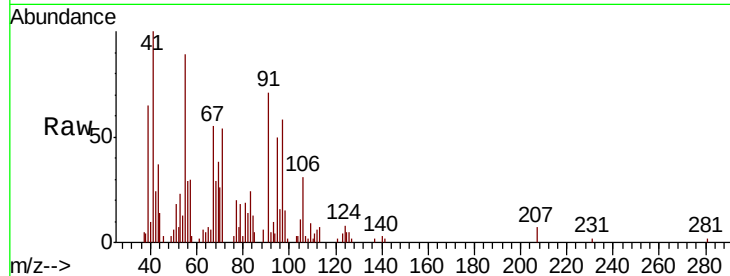
#69
o-Xylene
Concen: 4.23 ug/l
RT: 10.84 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VF059759.D
Acq: 1 Aug 2018 17:00

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

Tot Ion:106 Resp: 3150
Ion Ratio Lower Upper
106 100
91 230.2 124.6 373.7

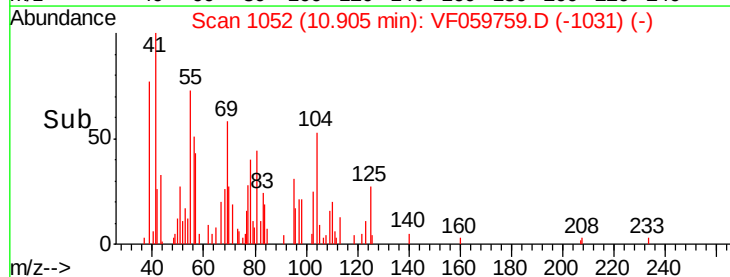
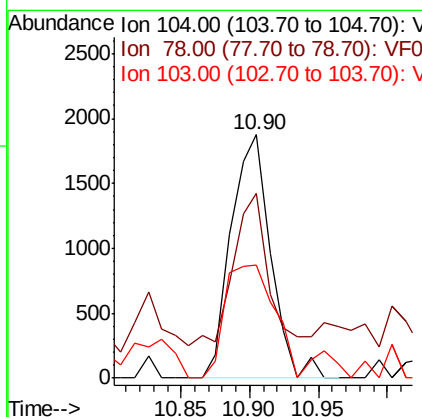
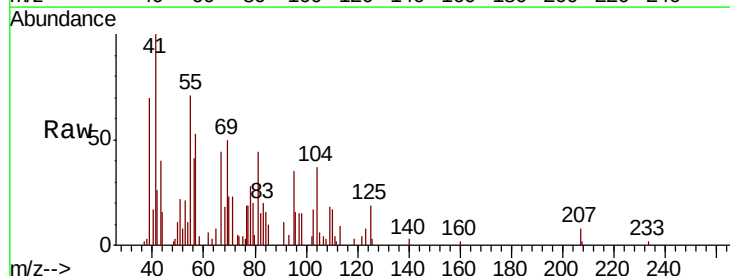
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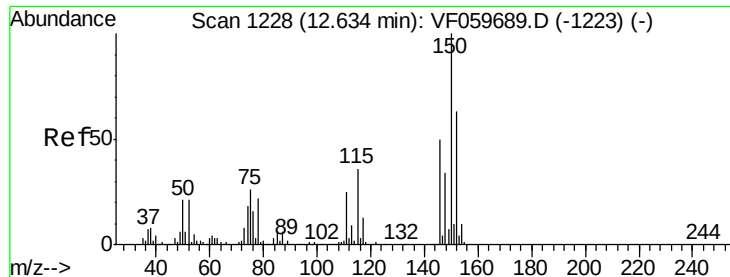
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#70
Styrene
Concen: 3.31 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VF059759.D
Acq: 1 Aug 2018 17:00

Tgt Ion:104 Resp: 3736
Ion Ratio Lower Upper
104 100
78 75.7 45.3 67.9#
103 46.6 36.6 54.8





#72

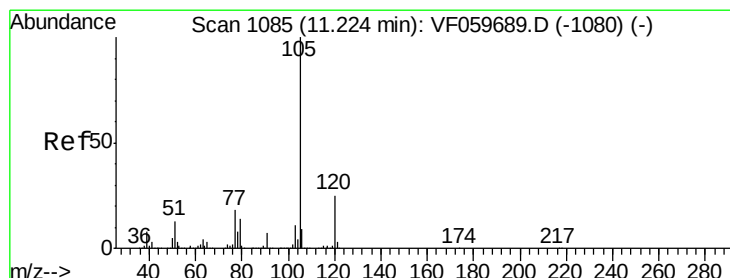
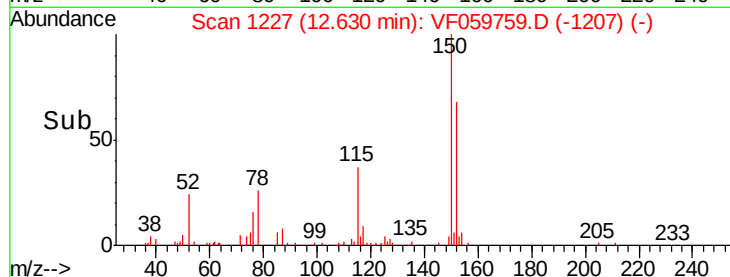
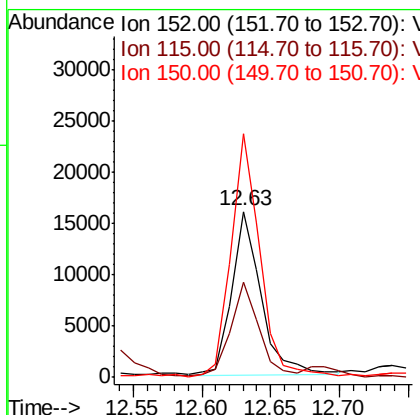
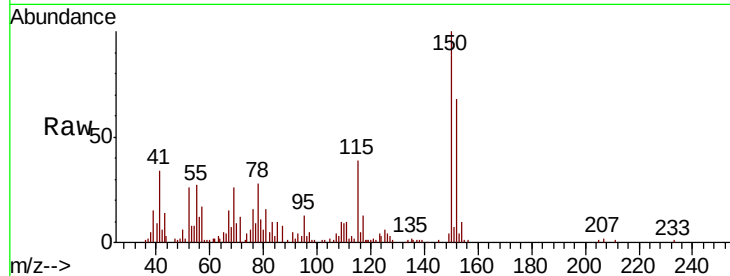
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059759.D
Acq: 1 Aug 2018 17:00

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.2	84.6
150	146.7	0.0	316.2

Manual Integrations
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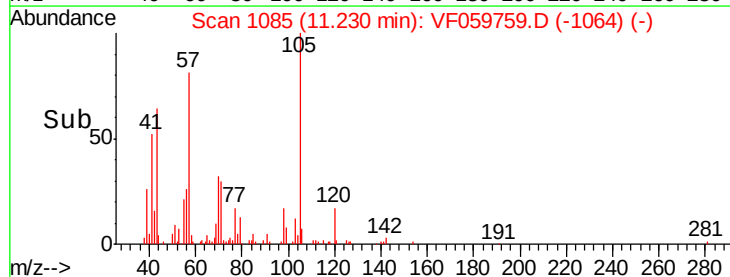
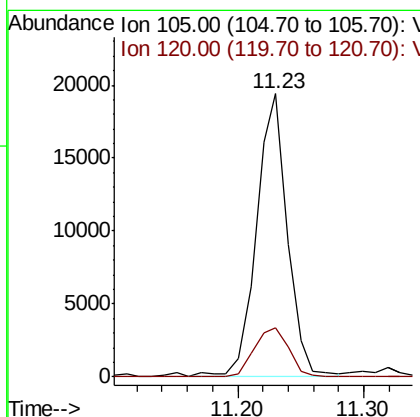
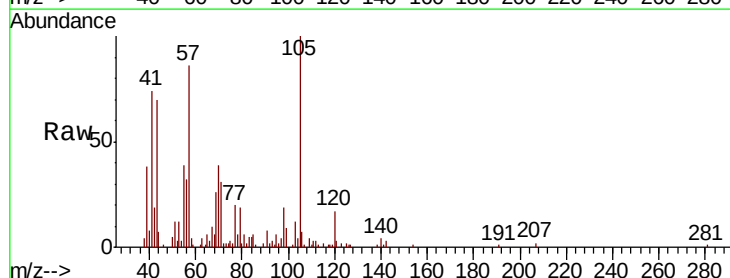
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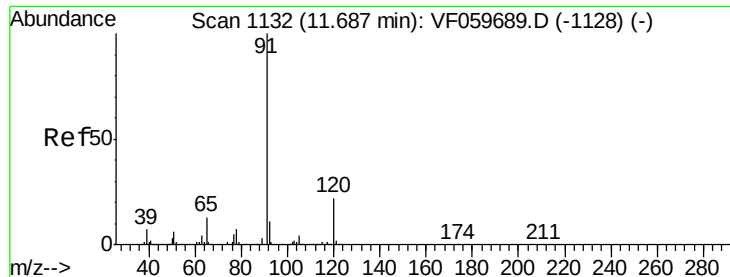


#73

Isopropylbenzene
Concen: 21.45 ug/l
RT: 11.23 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VF059759.D
Acq: 1 Aug 2018 17:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	17.3	12.4	37.4





#78

n-propylbenzene

Concen: 9.91 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF059759.D

Acq: 1 Aug 2018 17:00

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-2

Tot Ion: 91 Resp: 22110

Ion Ratio Lower Upper

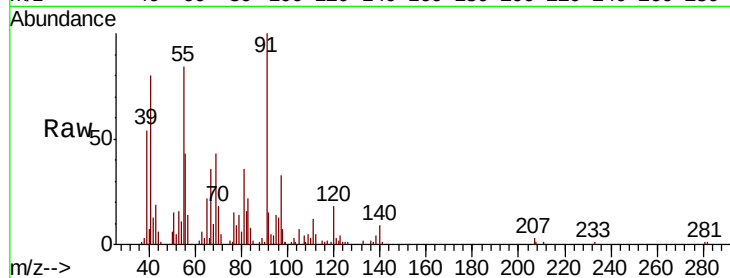
91 100

120 18.2 11.0 33.0

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

25000

20000

15000

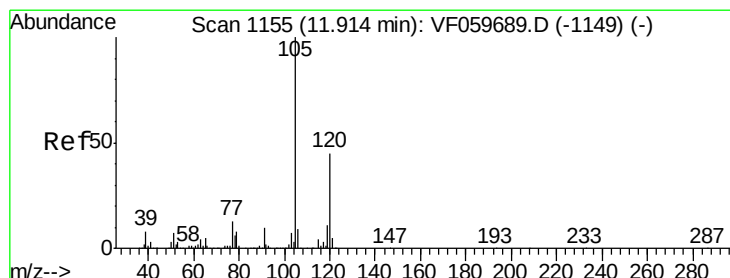
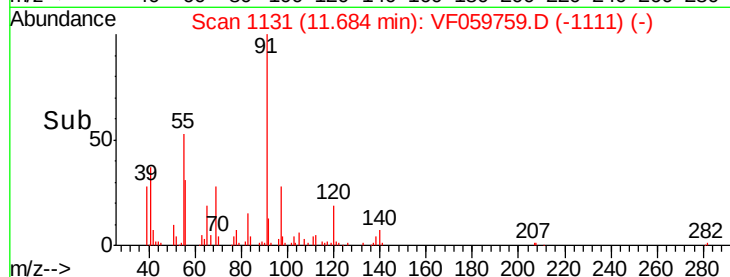
11.68

10000

5000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 39.33 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VF059759.D

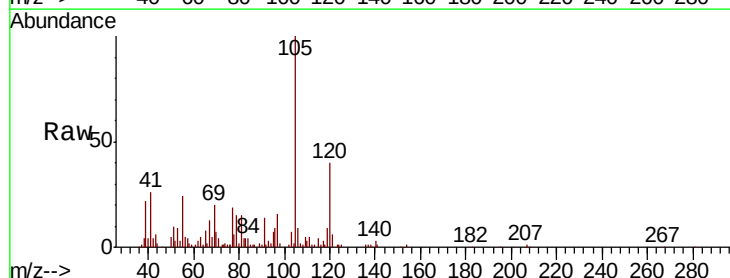
Acq: 1 Aug 2018 17:00

Tgt Ion:105 Resp: 49660

Ion Ratio Lower Upper

105 100

120 39.7 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

60000

50000

40000

30000

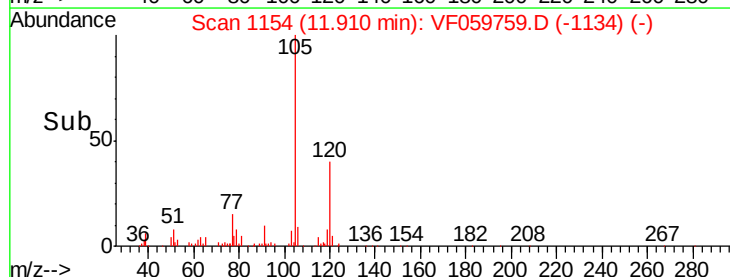
11.91

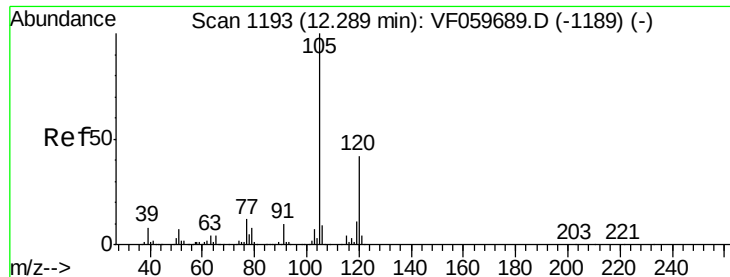
20000

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Time-->





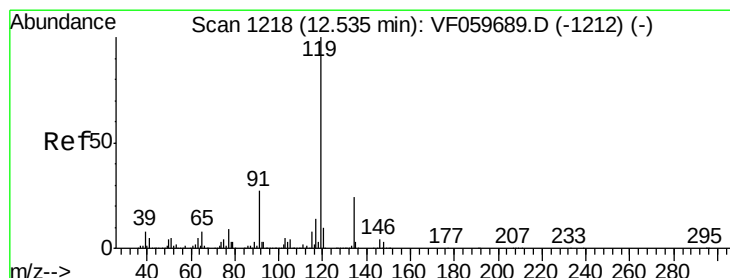
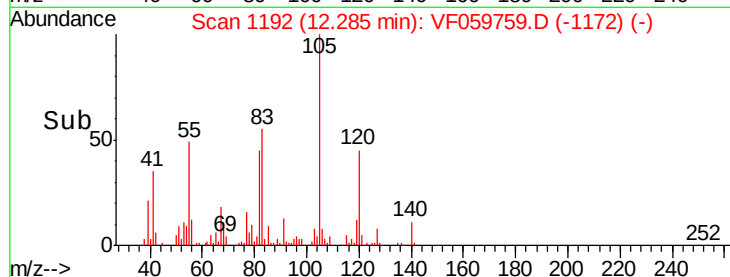
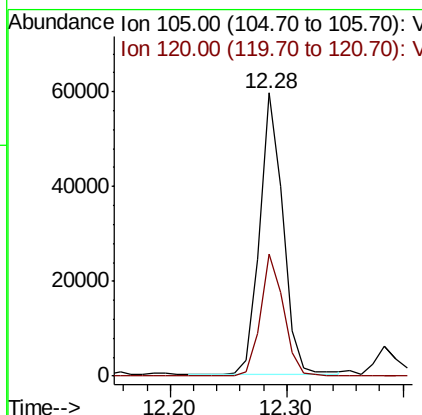
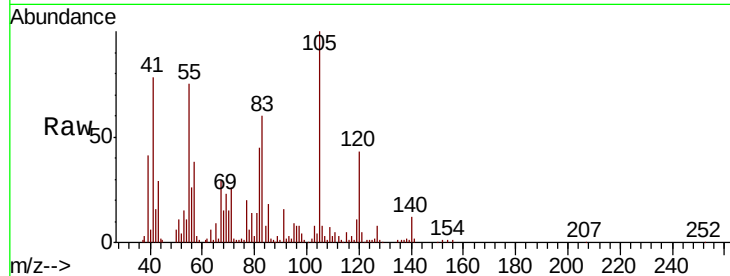
#84
 1,2,4-Trimethylbenzene
 Concen: 67.69 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: VF059759.D
 Acq: 1 Aug 2018 17:00

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-2

Tot Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.1	63.3

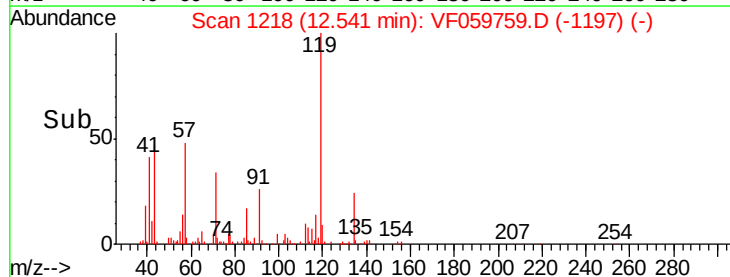
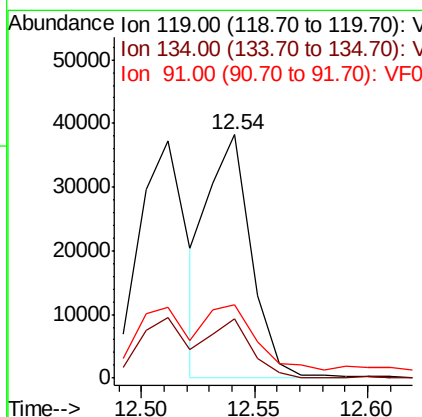
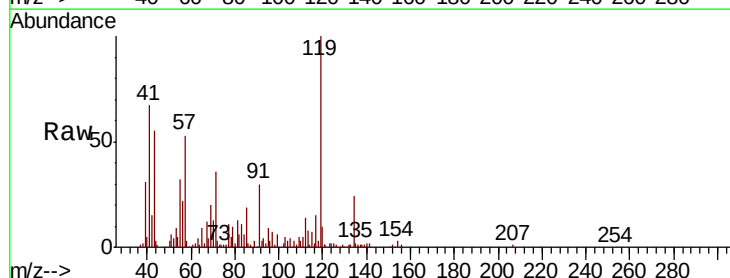
Manual Integrations
 APPROVED

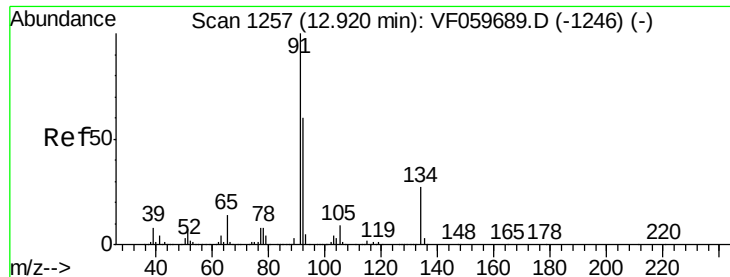
apatel
 8/2/2018 12:23:01 PM



#86
 p-Isopropyltoluene
 Concen: 34.84 ug/l m
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: VF059759.D
 Acq: 1 Aug 2018 17:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.1	12.2	36.6
91	30.0	13.4	40.2





#89

n-Butylbenzene

Concen: 58.11 ug/l

RT: 12.91 min Scan# 1255

Delta R.T. -0.01 min

Lab File: VF059759.D

Acq: 1 Aug 2018 17:00

Instrument :

MSVOA_F

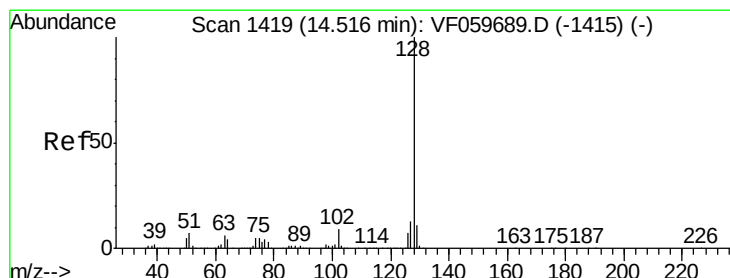
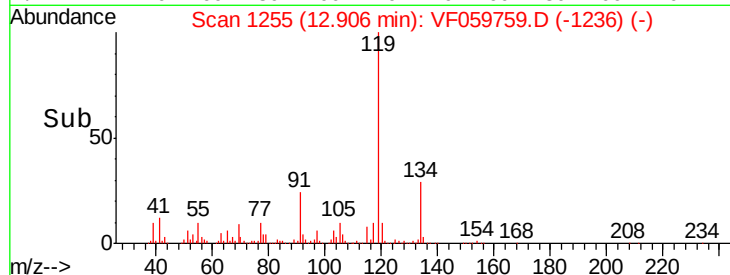
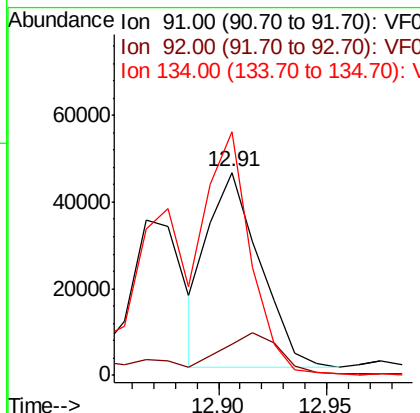
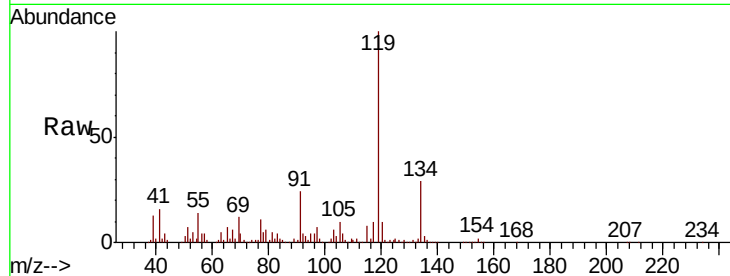
ClientSampleId :

2018-NYSEG-CLARK-AREA-14-2

Tot Ion:	91	Resp:	74823
Ion Ratio	Lower	Upper	
91	100		
92	15.2	30.1	90.3#
134	120.0	13.7	41.0#

Manual Integrations
APPROVED

apatel
8/2/2018 12:23:01 PM



#95

Naphthalene

Concen: 2648.19 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.01 min

Lab File: VF059759.D

Acq: 1 Aug 2018 17:00

Tgt Ion:	128	Resp:	2694310
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.0	15.0
129	13.3	8.6	13.0#

