

Data File : VX004370.D
Acq On : 05 Sep 2018 14:29
Operator : JC/MD
Sample : J4693-01ME
Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-E(8-10)ME

Manual Integrations
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9/14/2018 1:54:33 PM

Quant Time: Sep 14 07:33:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	262953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	415369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	429596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	407994	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174796	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
35) Dibromofluoromethane	5.50	113	149984	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	8.71	98	632053	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
62) 4-Bromofluorobenzene	11.13	95	896886	206.08	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	412.16%	
Target Compounds						
73) Isopropylbenzene	11.03	105	4765998	177.859	ug/l	99
78) n-propylbenzene	11.37	91	13618254	441.868	ug/l	86
80) 1,3,5-Trimethylbenzene	11.52	105	192033m	8.654	ug/l	
83) tert-Butylbenzene	11.79	119	1718884	76.986	ug/l	87
84) 1,2,4-Trimethylbenzene	11.82	105	23965149m	1052.071	ug/l	
85) sec-Butylbenzene	11.96	105	11728474	442.460	ug/l #	59
86) p-Isopropyltoluene	12.04	119	13360611m	562.420	ug/l	
89) n-Butylbenzene	12.40	91	12417985	642.851	ug/l #	73

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

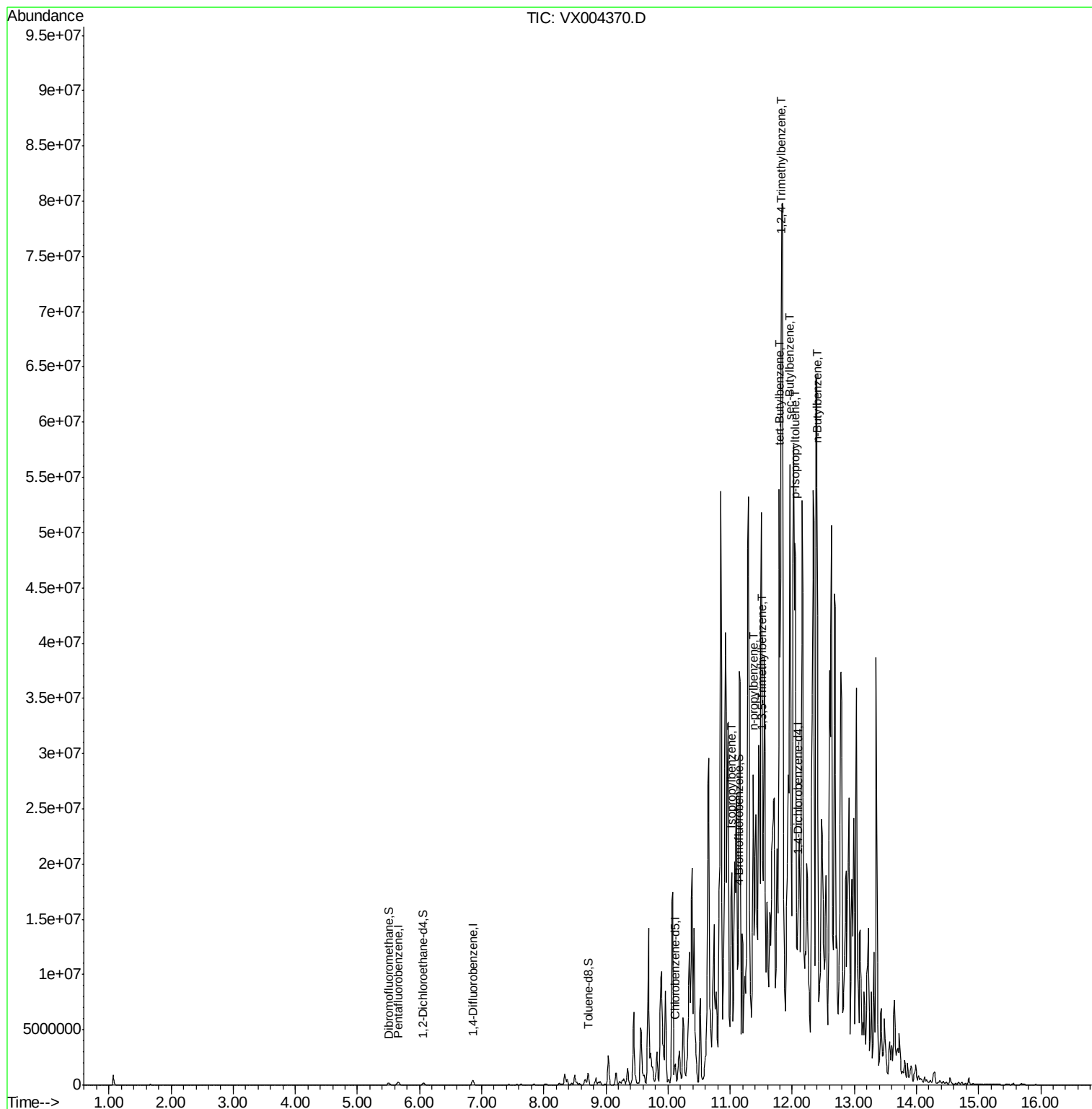
Data File : VX004370.D
Acq On : 05 Sep 2018 14:29
Operator : JC/MD
Sample : J4693-01ME
Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

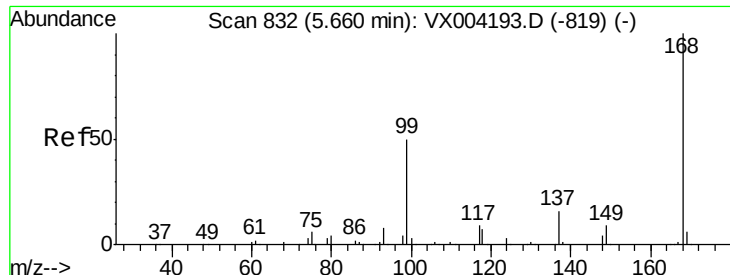
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-E(8-10)ME

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Quant Time: Sep 14 07:33:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX004370.D

Acq: 05 Sep 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-E(8-10)ME

Tgt Ion:168 Resp: 262953

Ion Ratio Lower Upper

168 100

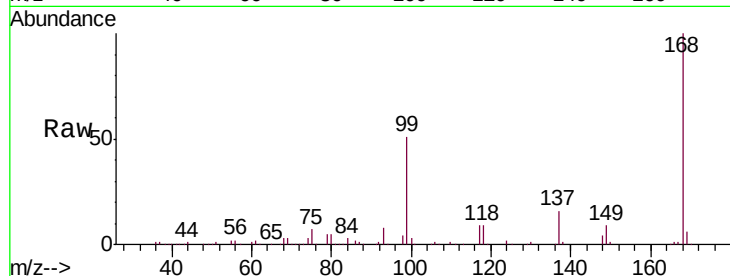
99 50.9 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

60000

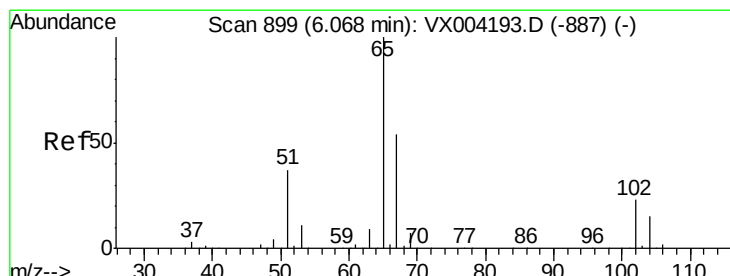
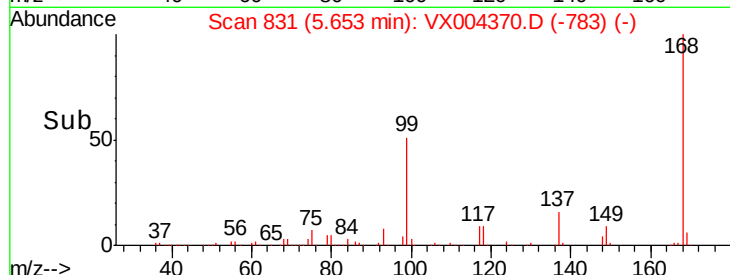
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.002 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004370.D

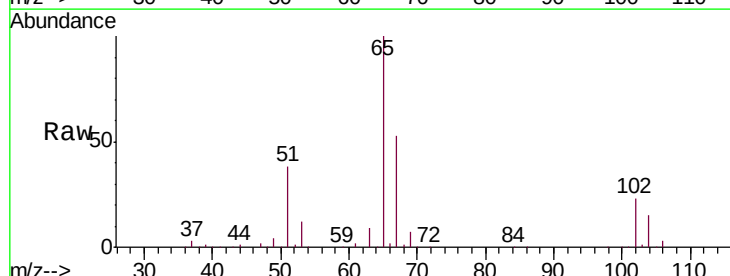
Acq: 05 Sep 2018 14:29

Tgt Ion: 65 Resp: 174796

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

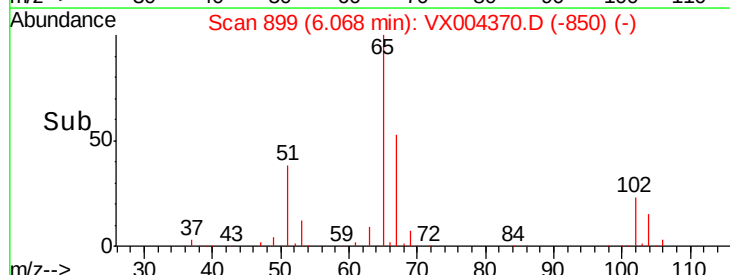
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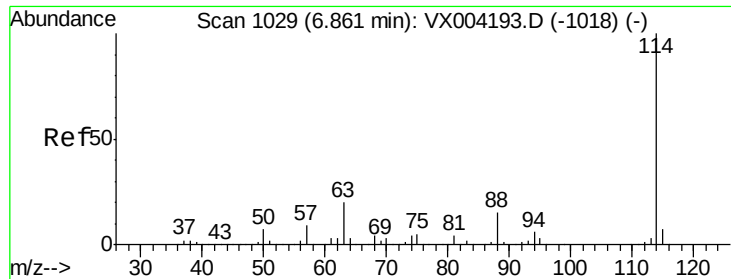
20000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VX004370.D

Acq: 05 Sep 2018 14:29

Instrument :

MSVOA_X

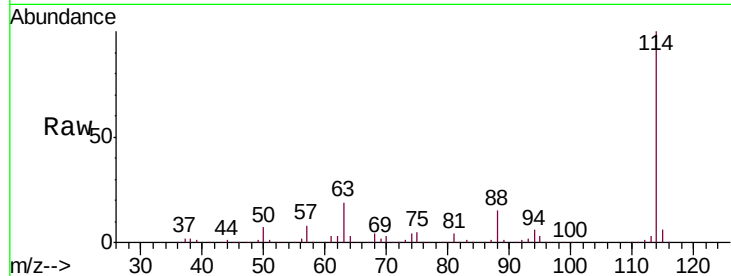
ClientSampleId :

EP1-MW-E(8-10)ME

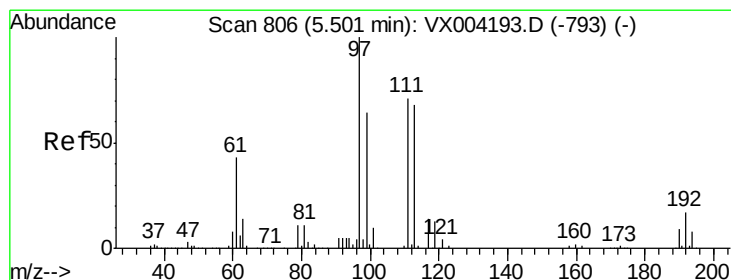
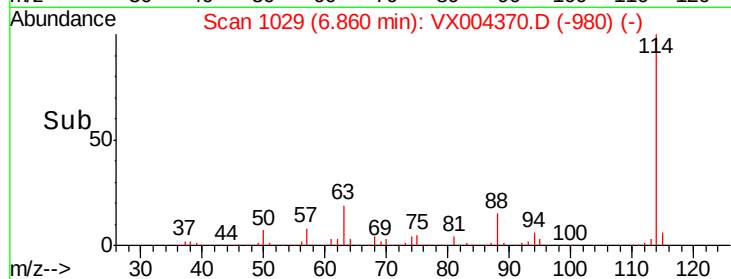
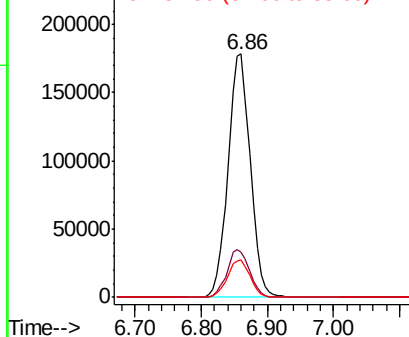
Tgt Ion:	114	Resp:	415369
Ion Ratio	Lower	Upper	
114	100		
63	18.7	0.0	39.0
88	15.4	0.0	30.4

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Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.537 ug/l

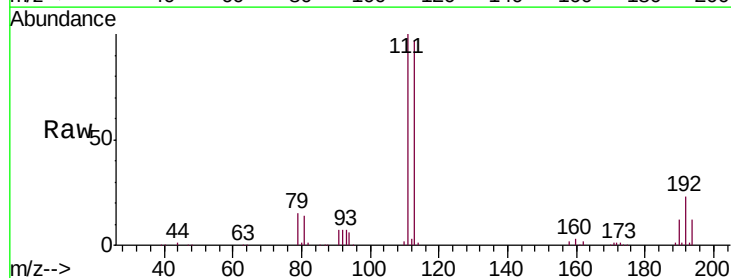
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

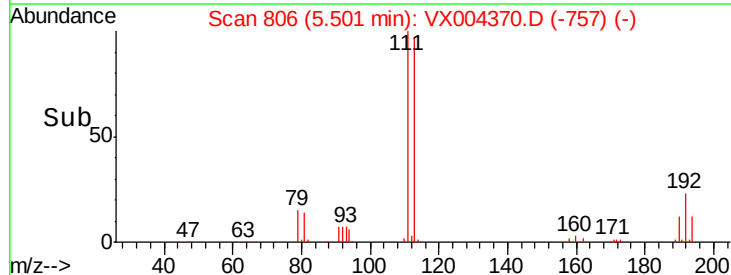
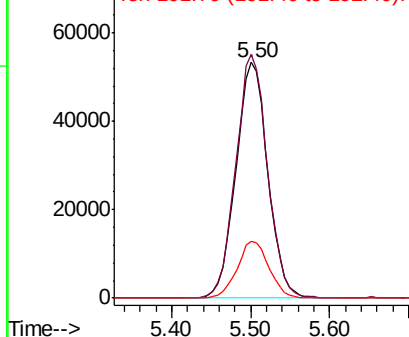
Lab File: VX004370.D

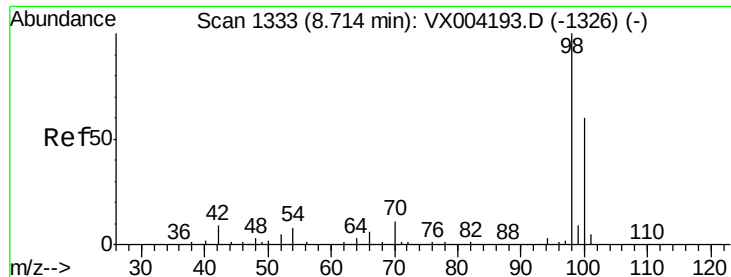
Acq: 05 Sep 2018 14:29

Tgt Ion:	113	Resp:	149984
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.4	123.6
192	24.1	19.4	29.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





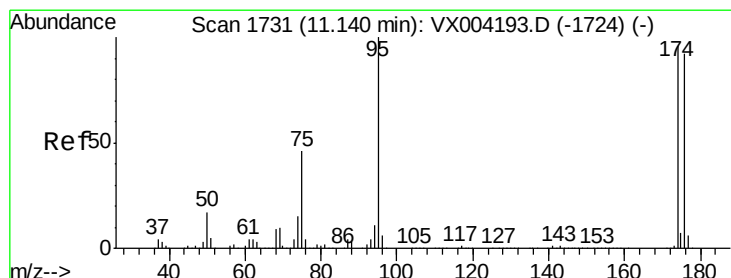
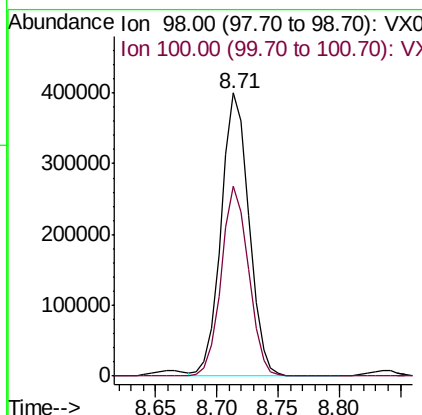
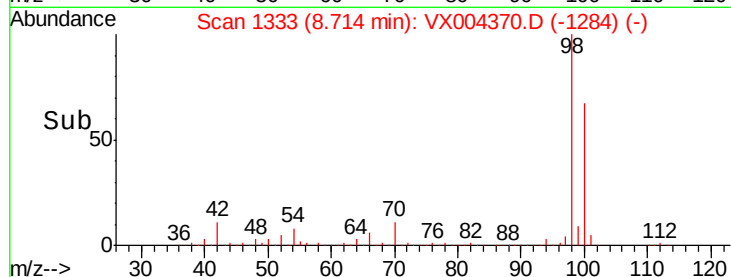
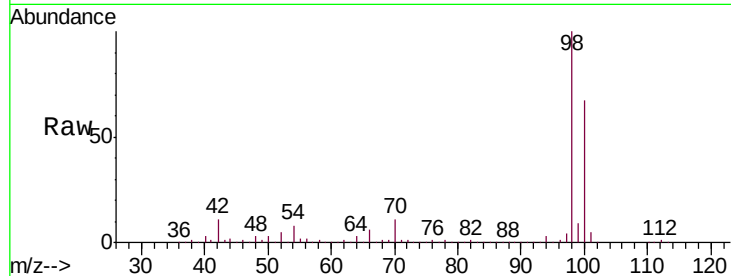
#50
Toluene-d8
Concen: 54.189 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004370.D
Acq: 05 Sep 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-E(8-10)ME

Tgt Ion: 98 Resp: 632053
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3

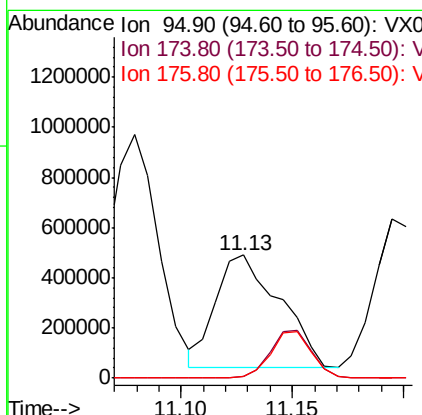
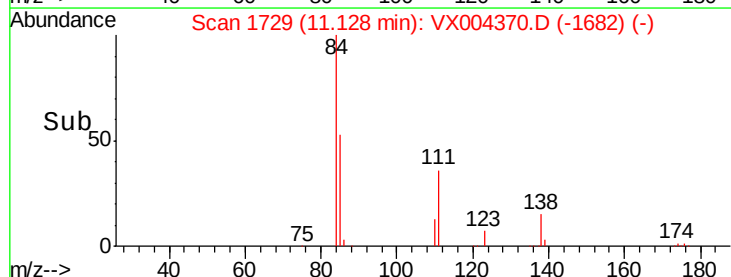
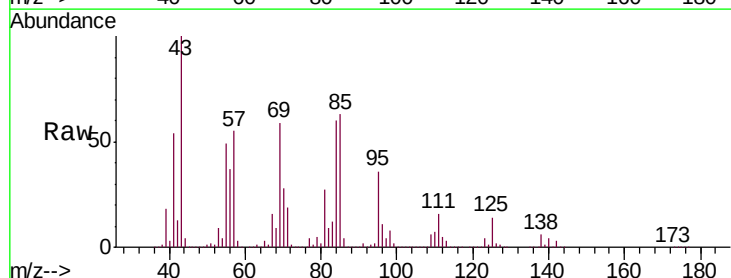
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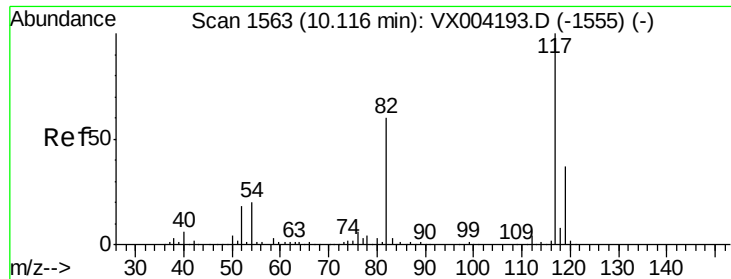
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#62
4-Bromofluorobenzene
Concen: 206.081 ug/l
RT: 11.13 min Scan# 1729
Delta R.T. -0.01 min
Lab File: VX004370.D
Acq: 05 Sep 2018 14:29

Tgt Ion: 95 Resp: 896886
Ion Ratio Lower Upper
95 100
174 0.0 0.0 185.2
176 0.0 0.0 178.6





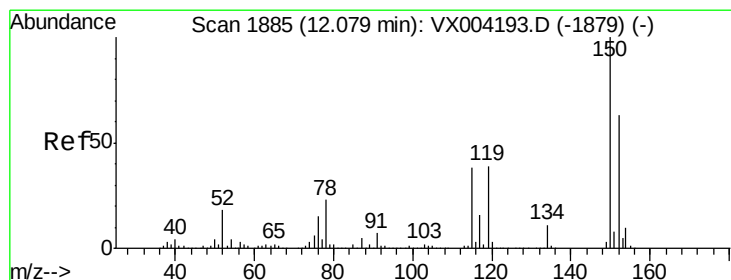
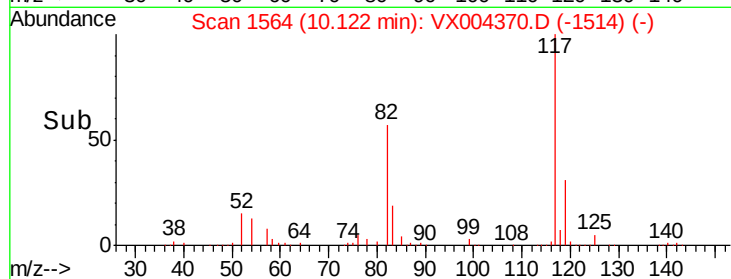
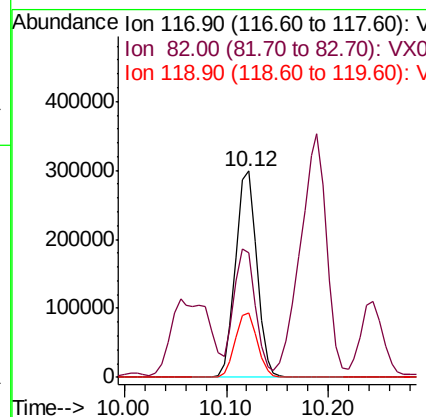
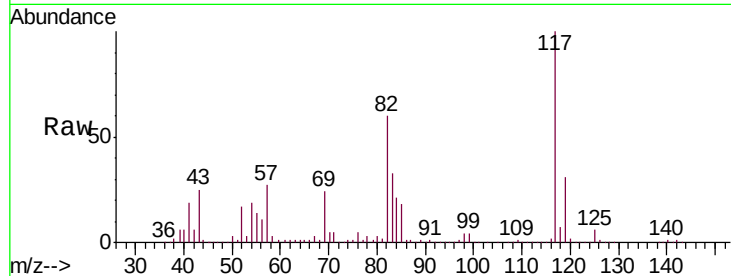
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX004370.D
Acq: 05 Sep 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-E(8-10)ME

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	429596		
82	55.9	47.8	71.6	
119	31.3	29.3	43.9	

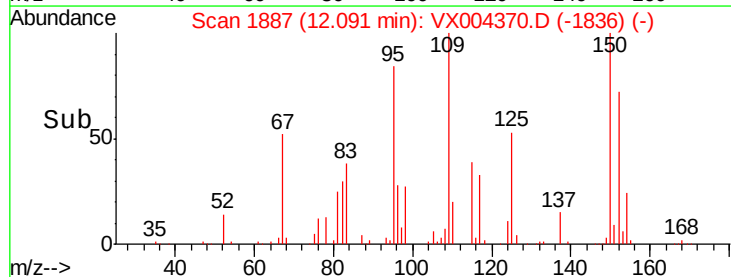
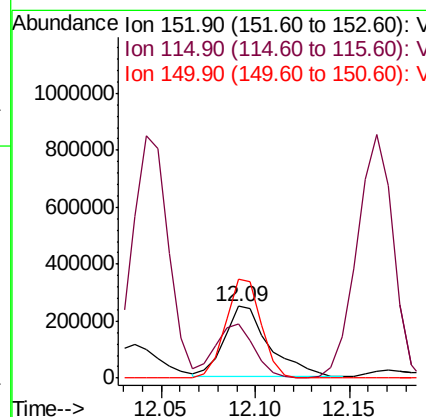
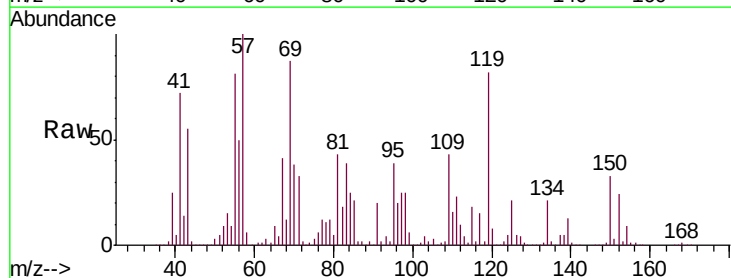
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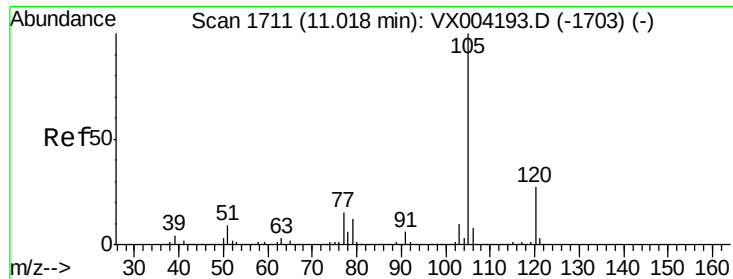
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX004370.D
Acq: 05 Sep 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	407994		
115	65.6	39.0	117.0	
150	111.2	0.0	351.0	





#73

Isopropylbenzene

Concen: 177.859 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. 0.01 min

Lab File: VX004370.D

Acq: 05 Sep 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-E(8-10)ME

Tgt Ion:105 Resp: 4765998

Ion Ratio Lower Upper

105 100

120 27.3

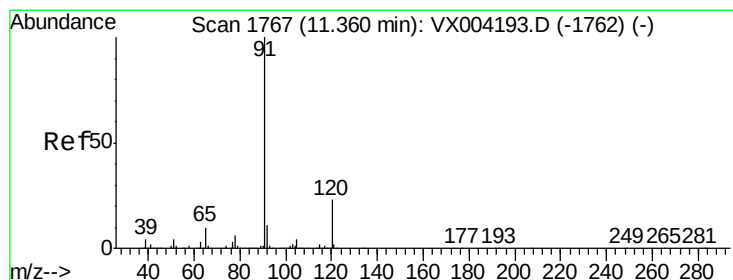
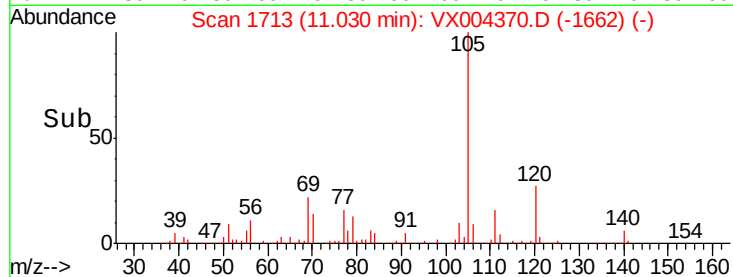
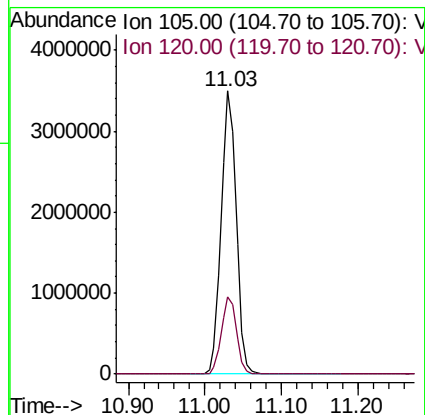
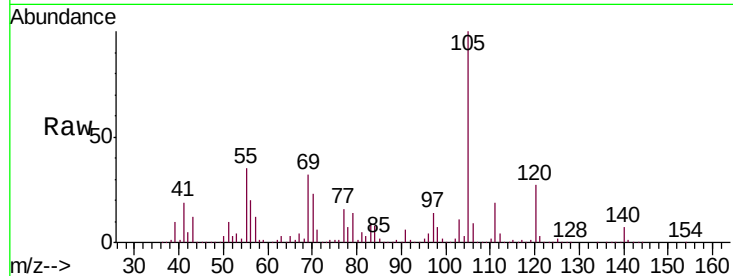
13.5 40.4

Manual Integrations

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#78

n-propylbenzene

Concen: 441.868 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX004370.D

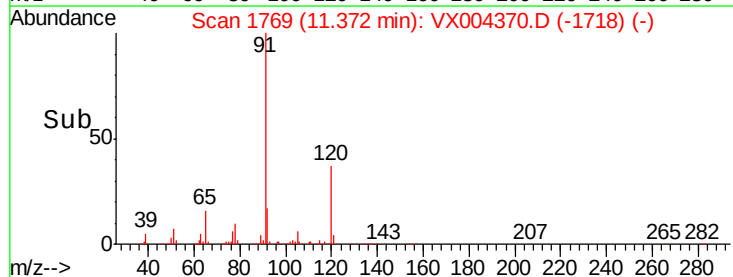
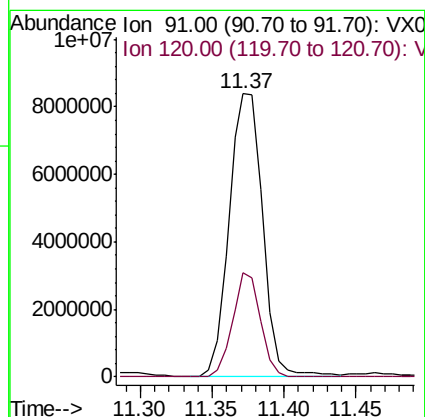
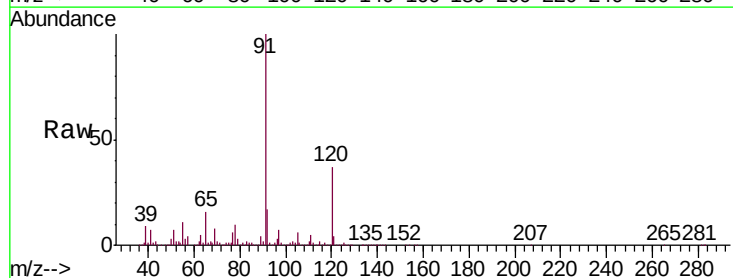
Acq: 05 Sep 2018 14:29

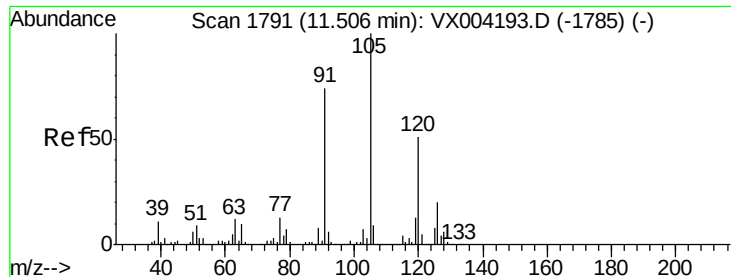
Tgt Ion: 91 Resp:13618254

Ion Ratio Lower Upper

91 100

120 30.7 11.9 35.9





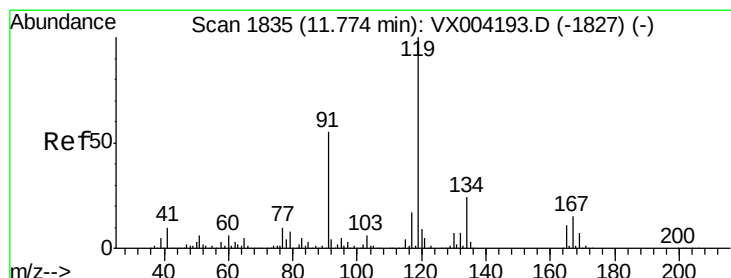
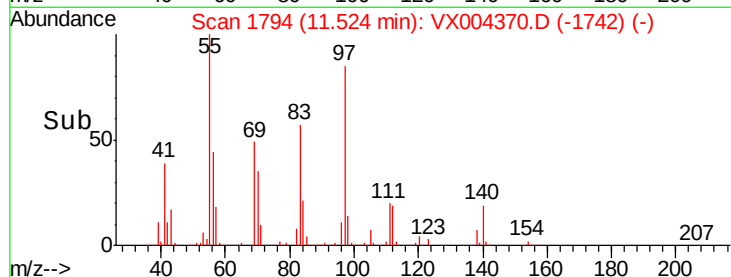
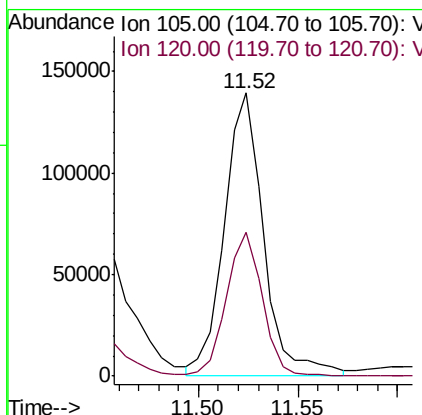
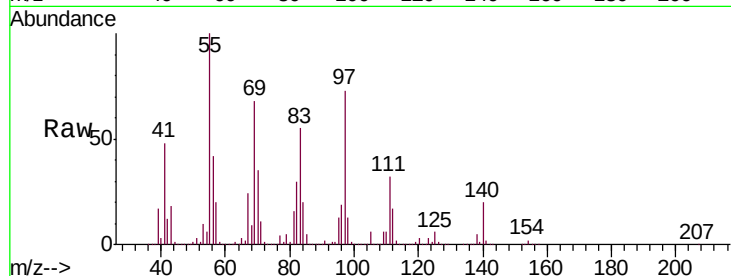
#80
 1,3,5-Trimethylbenzene
 Concen: 8.654 ug/l m
 RT: 11.52 min Scan# 1794
 Delta R.T. 0.02 min
 Lab File: VX004370.D
 Acq: 05 Sep 2018 14:29

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-E(8-10)ME

Tgt Ion:105 Resp: 192033
 Ion Ratio Lower Upper
 105 100
 120 0.0 25.6 76.8#

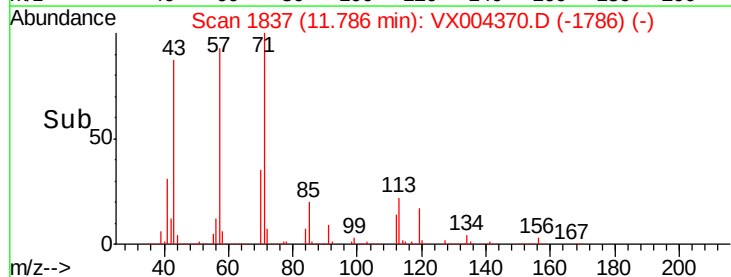
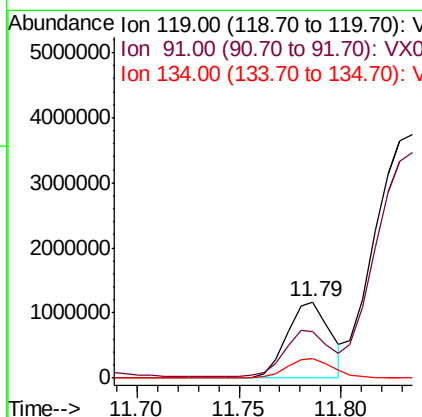
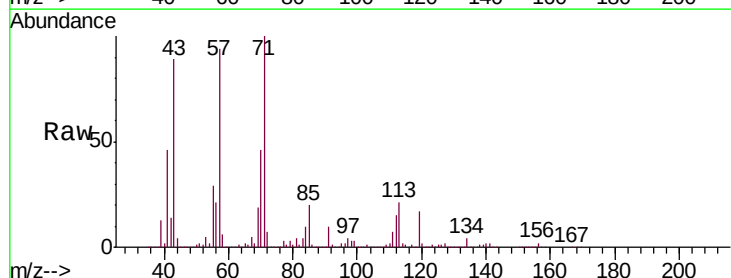
Manual Integrations
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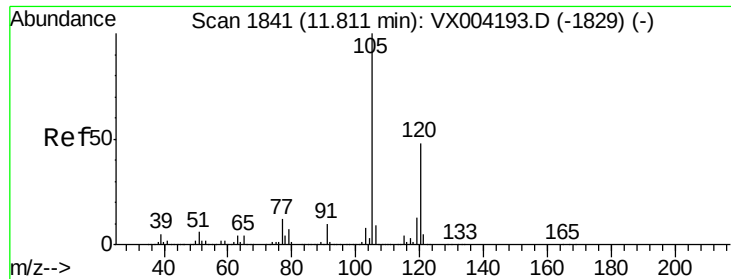
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#83
 tert-Butylbenzene
 Concen: 76.986 ug/l
 RT: 11.79 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: VX004370.D
 Acq: 05 Sep 2018 14:29

Tgt Ion:119 Resp: 1718884
 Ion Ratio Lower Upper
 119 100
 91 65.5 27.0 81.0
 134 26.7 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 1052.071 ug/l m

RT: 11.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VX004370.D

Acq: 05 Sep 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-E(8-10)ME

Tgt Ion:105 Resp:23965149

Ion Ratio Lower Upper

105 100

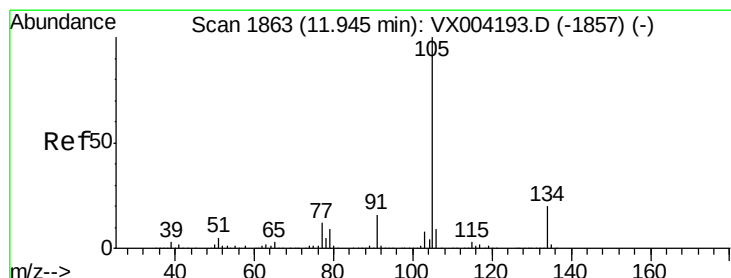
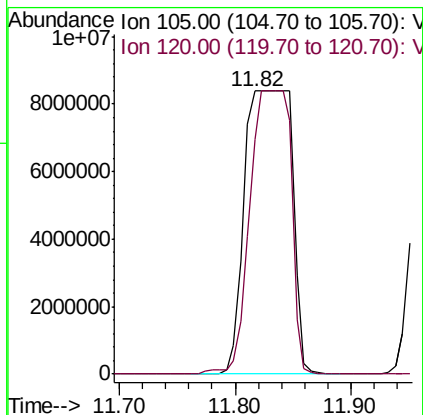
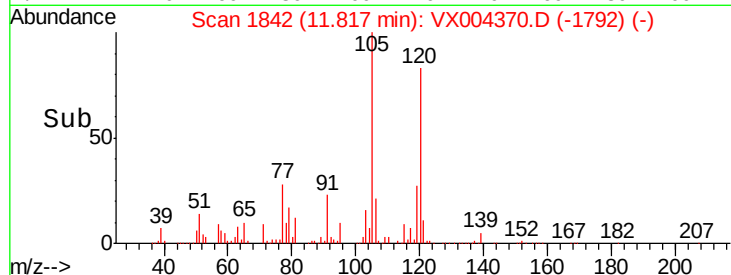
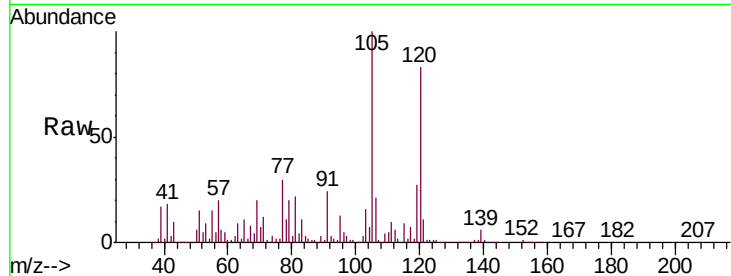
120 0.0 23.2 69.6#

Manual Integrations

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#85

sec-Butylbenzene

Concen: 442.460 ug/l

RT: 11.96 min Scan# 1866

Delta R.T. 0.02 min

Lab File: VX004370.D

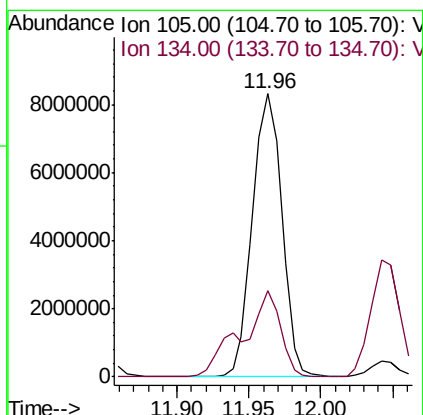
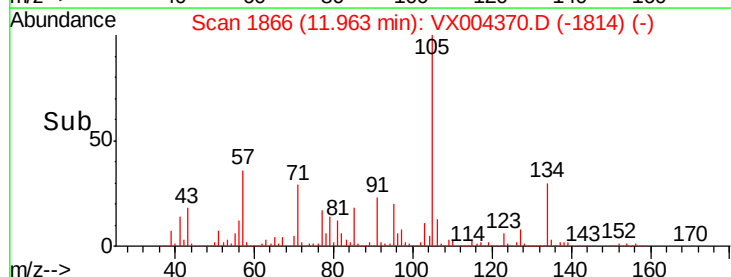
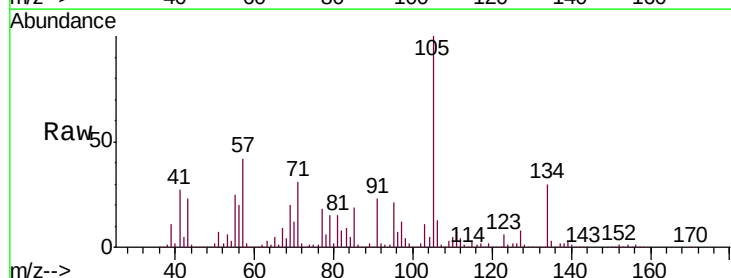
Acq: 05 Sep 2018 14:29

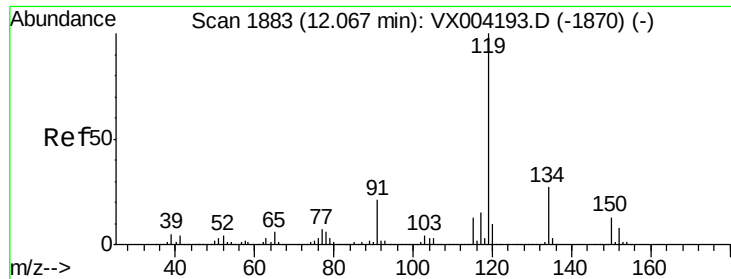
Tgt Ion:105 Resp:11728474

Ion Ratio Lower Upper

105 100

134 40.2 10.5 31.5#





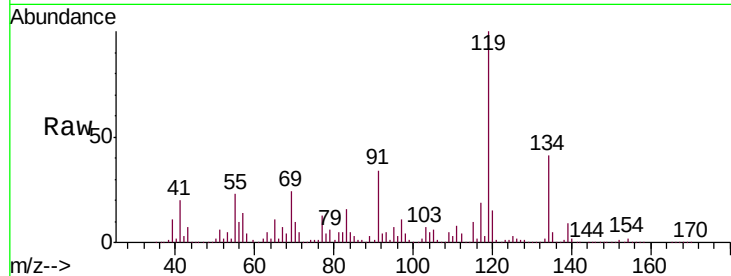
#86
p-Isopropyltoluene
Concen: 562.420 ug/l m
RT: 12.04 min Scan# 1879
Delta R.T. -0.02 min
Lab File: VX004370.D
Acq: 05 Sep 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-E(8-10)ME

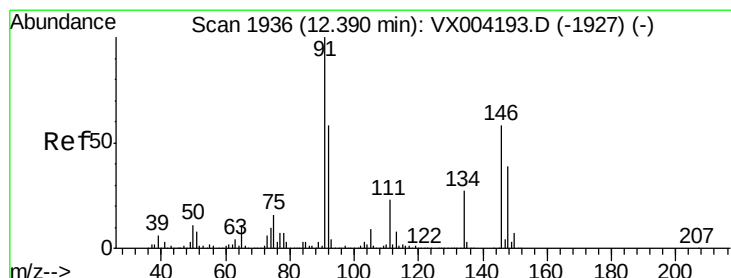
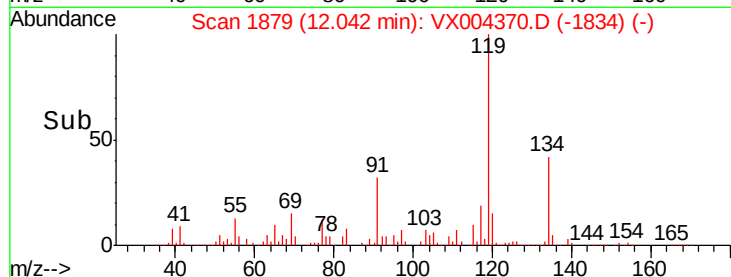
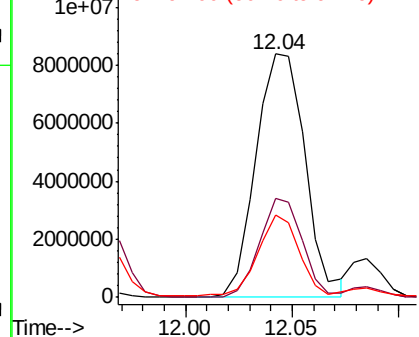
Tgt Ion:119 Resp:13360611
Ion Ratio Lower Upper
119 100
134 2.7 13.4 40.2#
91 2.4 10.9 32.7#

Manual Integrations
APPROVED

apatel
9/14/2018 1:54:33 PM

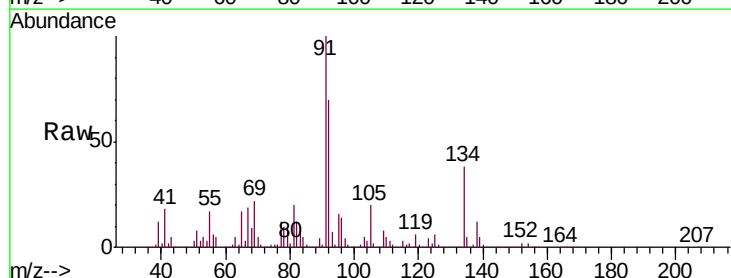


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#89
n-Butylbenzene
Concen: 642.851 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.01 min
Lab File: VX004370.D
Acq: 05 Sep 2018 14:29

Tgt Ion: 91 Resp:12417985
Ion Ratio Lower Upper
91 100
92 57.8 27.3 81.9
134 64.8 13.6 40.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

