

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080818\
 Data File : VX003937.D
 Acq On : 08 Aug 2018 21:18
 Operator : JC/MD
 Sample : J4387-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0558

Manual Integrations
 APPROVED

MMDadoda
 8/9/2018 10:40:42 AM

Quant Time: Aug 20 01:20:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	335235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	517623	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	490182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	268586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	215175	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
35) Dibromofluoromethane	5.51	113	183413	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
50) Toluene-d8	8.72	98	736168	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.14	95	270209	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
Target Compounds						
						Qvalue
31) Cyclohexane	5.57	56	604595	94.396	ug/l	98
39) Methylcyclohexane	7.46	83	1512041	221.213	ug/l	98
52) Toluene	8.79	92	155338	14.122	ug/l	100
67) Ethyl Benzene	10.26	91	9064318	434.138	ug/l	91
68) m/p-Xylenes	10.37	106	7825018	959.153	ug/l	76
69) o-Xylene	10.71	106	6038562	784.097	ug/l	87
73) Isopropylbenzene	11.02	105	1484378	74.710	ug/l	95
78) n-propylbenzene	11.36	91	2068735	92.722	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	2623219	161.914	ug/l	100
83) tert-Butylbenzene	11.77	119	18087m	1.135	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	8484850	520.849	ug/l	91
85) sec-Butylbenzene	11.95	105	258395	13.737	ug/l	85
86) p-Isopropyltoluene	12.07	119	225337	13.350	ug/l	99
95) Naphthalene	13.83	128	1424811	71.222	ug/l	100

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

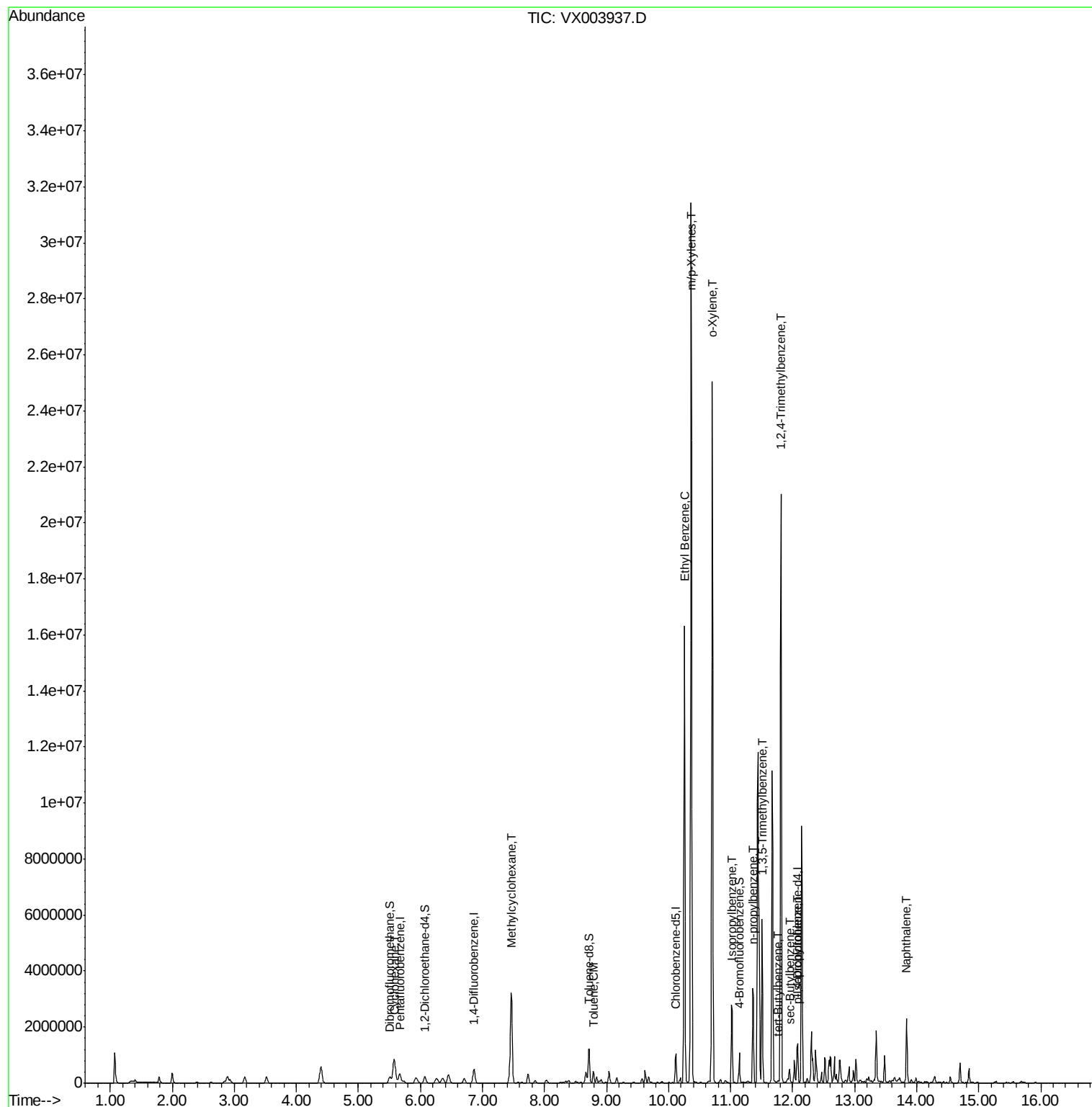
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080818\
Data File : VX003937.D
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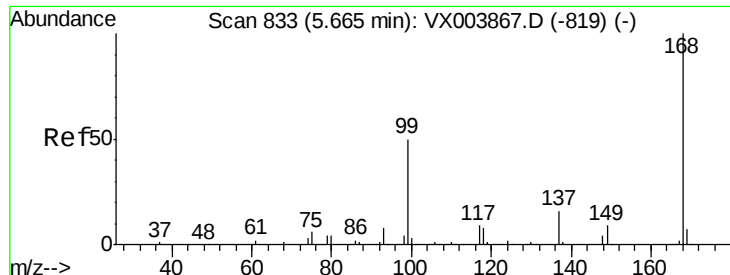
Instrument :
MSVOA_X
ClientSampleId :
FL-0558

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Quant Time: Aug 20 01:20:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003937.D

Acq: 08 Aug 2018 21:18

Instrument :

MSVOA_X

ClientSampled :

FL-0558

Tgt Ion:168 Resp: 335235

Ion Ratio Lower Upper

168 100

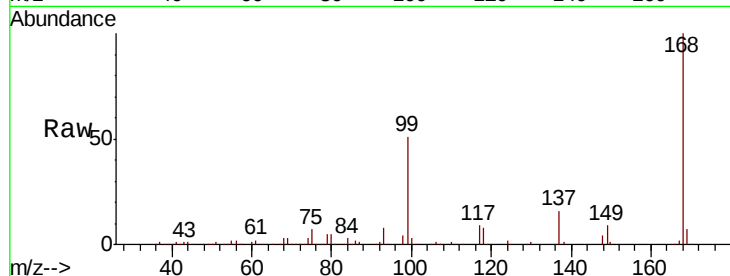
99 51.2 40.1 60.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

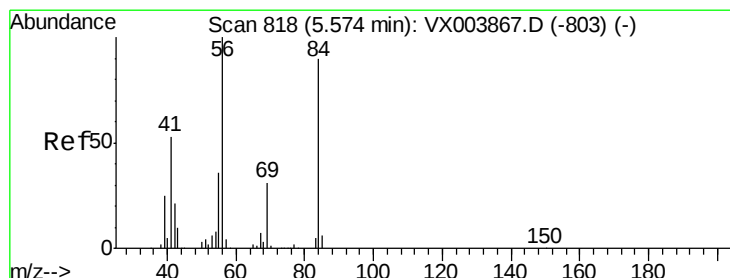
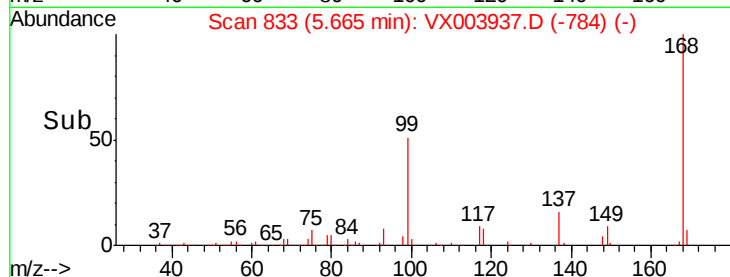
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 94.396 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003937.D

Acq: 08 Aug 2018 21:18

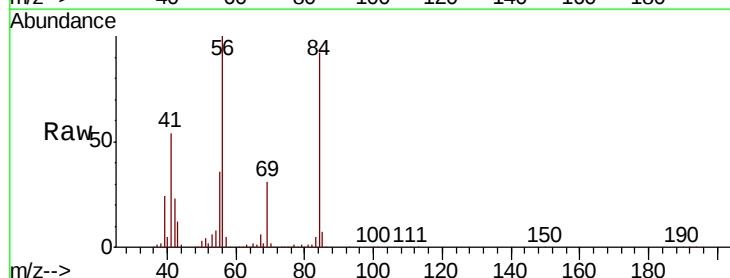
Tgt Ion: 56 Resp: 604595

Ion Ratio Lower Upper

56 100

69 31.0 24.9 37.3

84 91.7 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.57

250000

200000

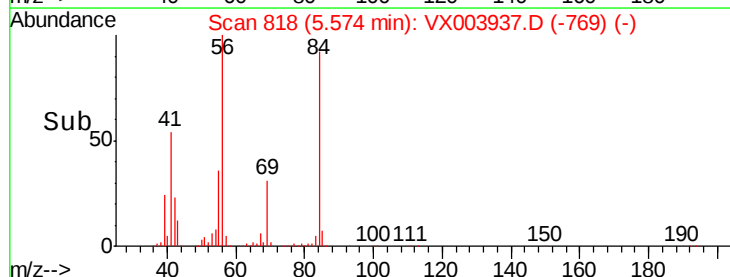
150000

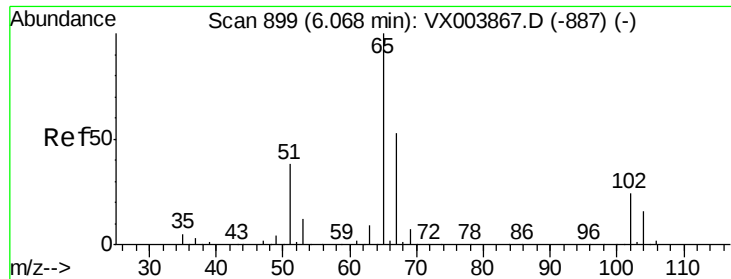
100000

50000

0

Time--> 5.40 5.50 5.60 5.70





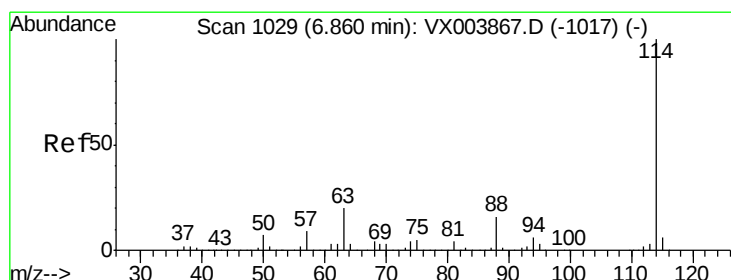
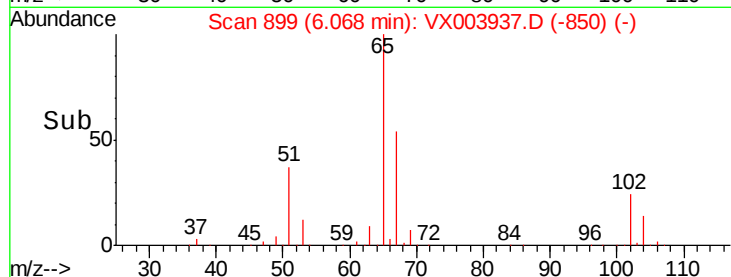
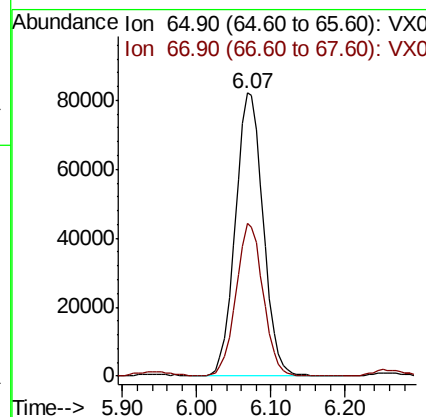
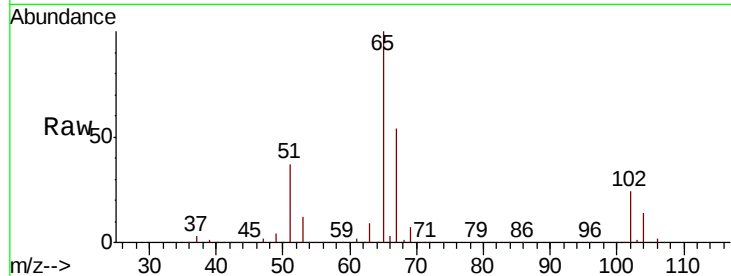
#33
 1,2-Dichloroethane-d4
 Concen: 48.421 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003937.D
 Acq: 08 Aug 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0558

Tgt Ion: 65 Resp: 215175
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.8

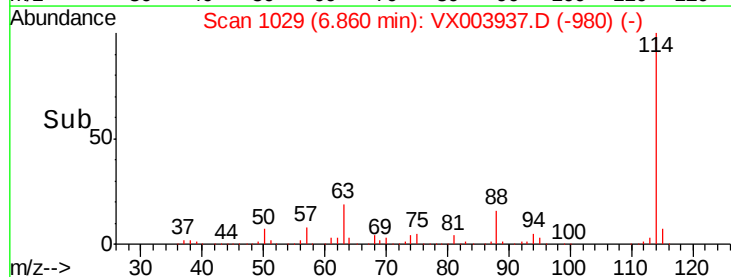
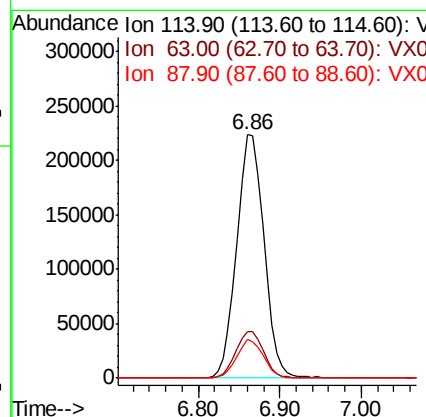
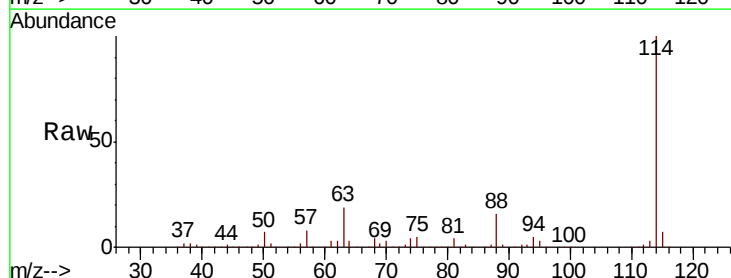
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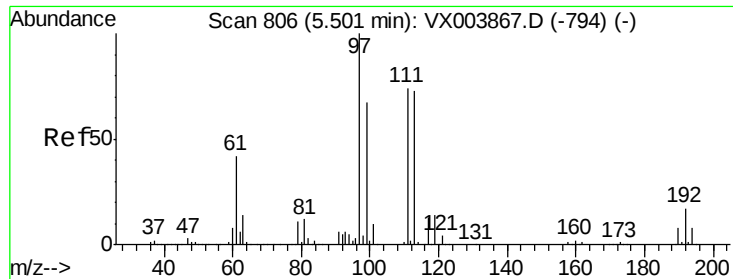
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003937.D
 Acq: 08 Aug 2018 21:18

Tgt Ion: 114 Resp: 517623
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 16.0 0.0 32.0





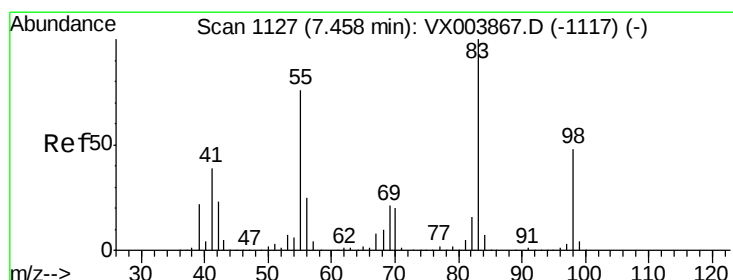
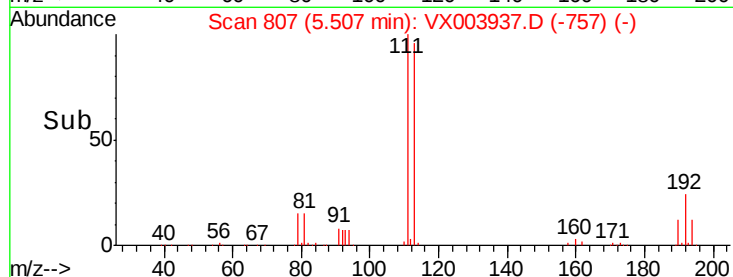
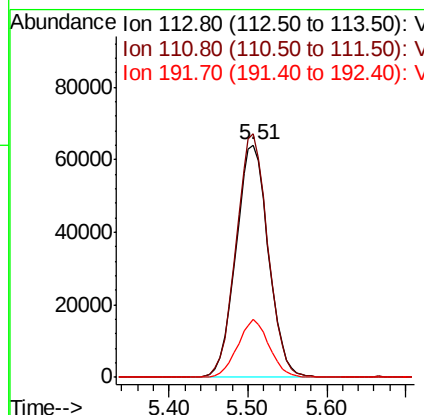
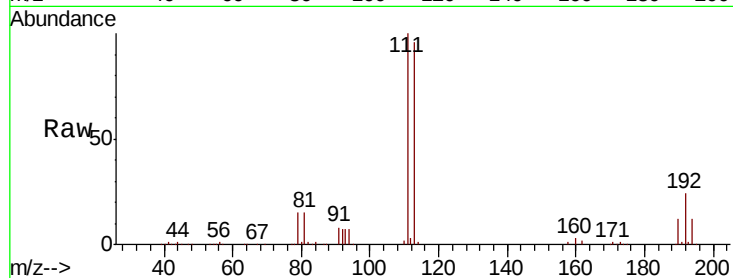
#35
 Dibromofluoromethane
 Concen: 46.772 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003937.D
 Acq: 08 Aug 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0558

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	183413		
111	102.4	82.0	123.0	
192	24.0	19.0	28.4	

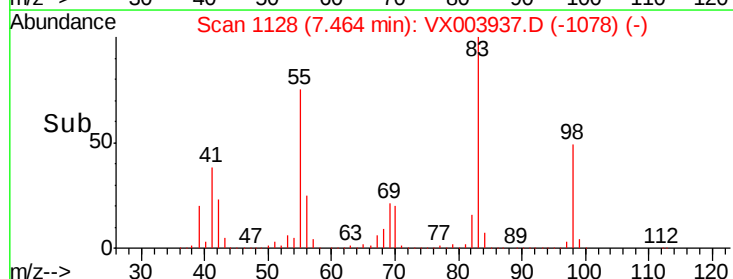
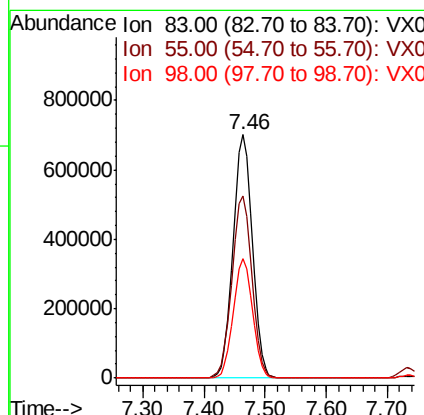
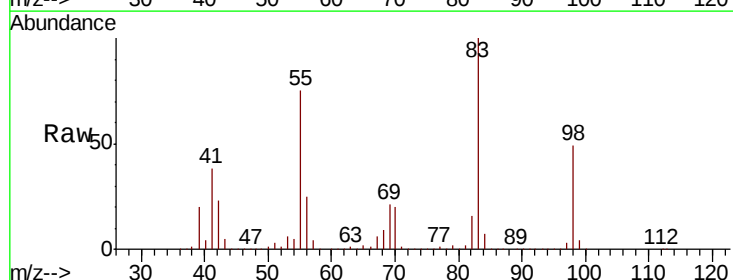
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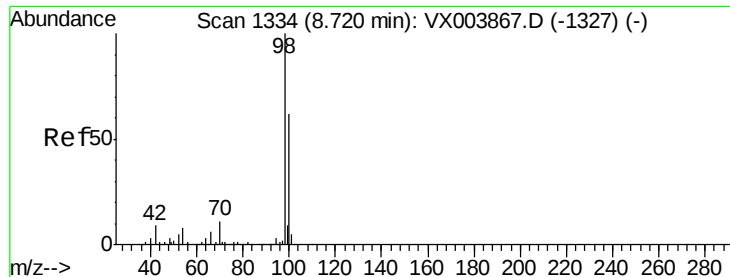
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#39
 Methylcyclohexane
 Concen: 221.213 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: VX003937.D
 Acq: 08 Aug 2018 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	1512041		
55	74.7	61.0	91.6	
98	48.9	38.6	57.8	





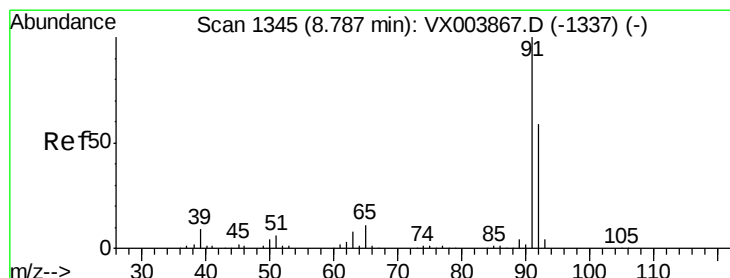
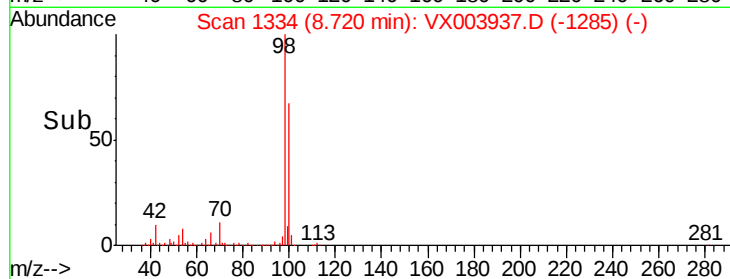
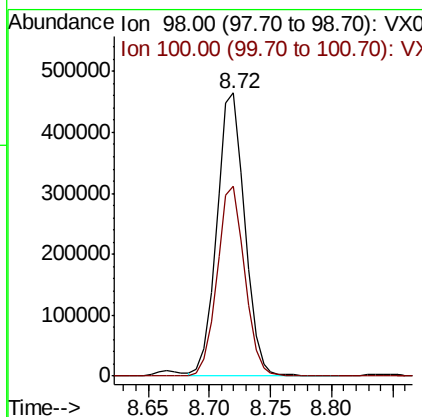
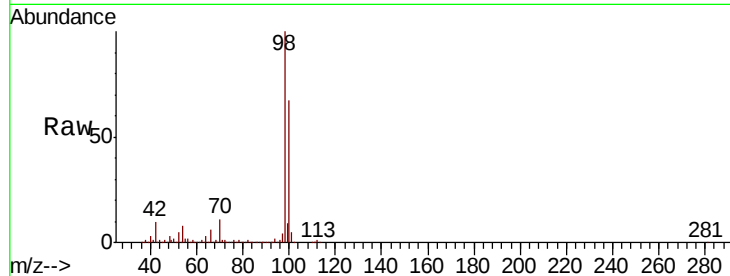
#50
Toluene-d8
Concen: 48.275 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003937.D
Acq: 08 Aug 2018 21:18

Instrument :
MSVOA_X
ClientSampled :
FL-0558

Tgt Ion: 98 Resp: 736168
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9

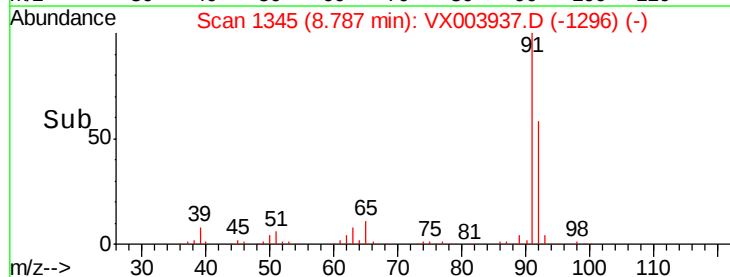
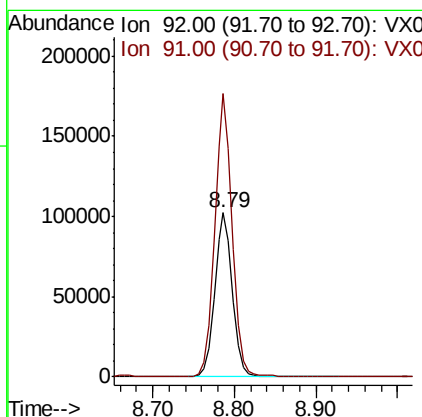
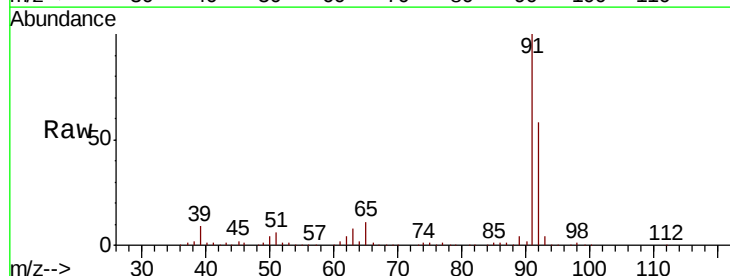
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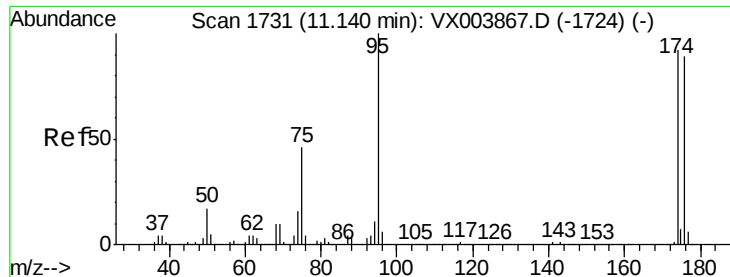
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#52
Toluene
Concen: 14.122 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003937.D
Acq: 08 Aug 2018 21:18

Tgt Ion: 92 Resp: 155338
Ion Ratio Lower Upper
92 100
91 170.2 136.1 204.1





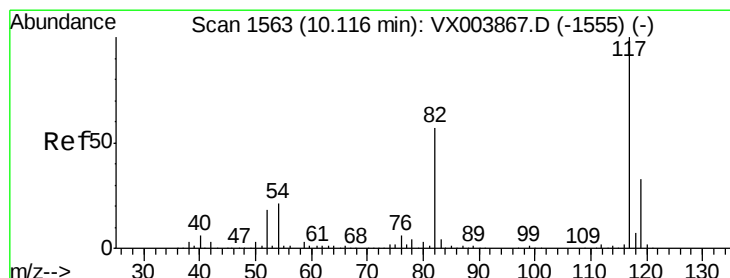
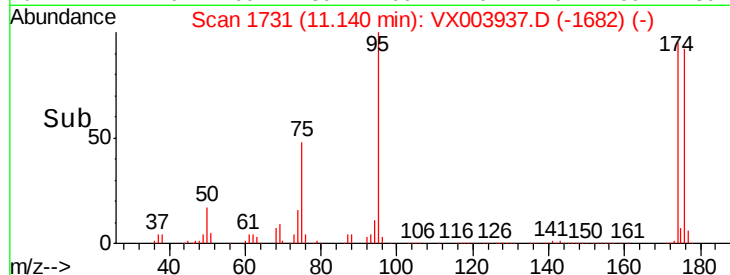
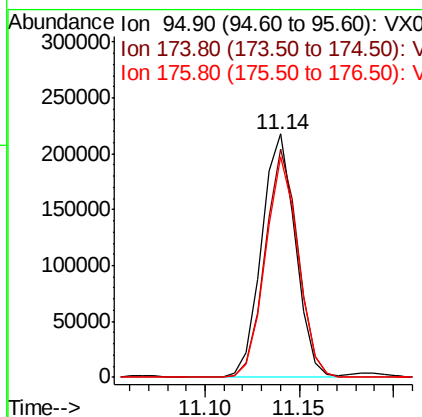
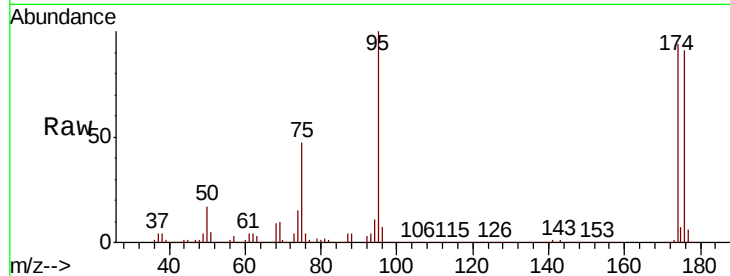
#62
4-Bromofluorobenzene
Concen: 54.761 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003937.D
Acq: 08 Aug 2018 21:18

Instrument :
MSVOA_X
ClientSampled :
FL-0558

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	270209		
174	91.8	0.0	182.8	
176	88.5	0.0	179.0	

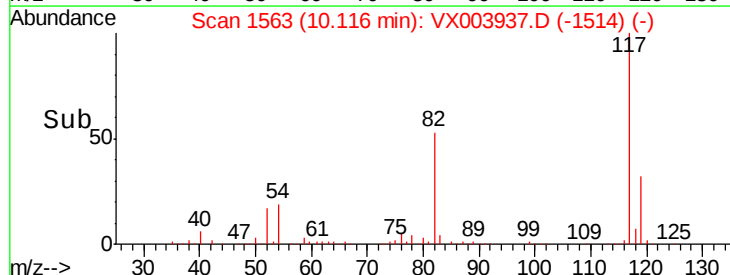
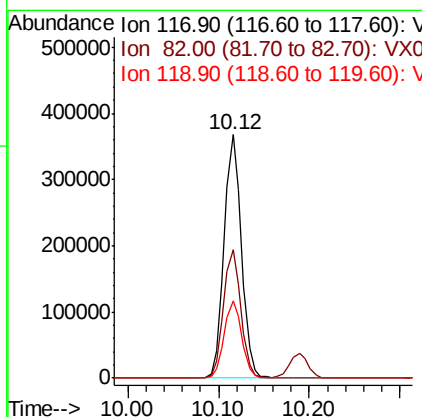
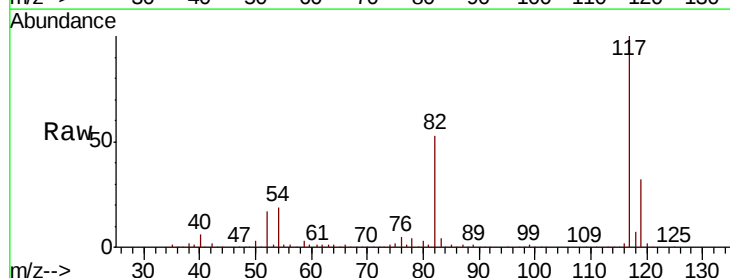
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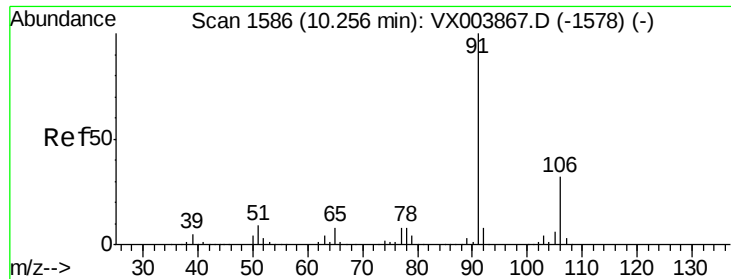
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003937.D
Acq: 08 Aug 2018 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	490182		
82	52.8	45.4	68.0	
119	31.9	26.6	40.0	





#67

Ethyl Benzene

Concen: 434.138 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003937.D

Acq: 08 Aug 2018 21:18

Instrument :

MSVOA_X

ClientSampleId :

FL-0558

Tgt Ion: 91 Resp: 9064318

Ion Ratio Lower Upper

91 100

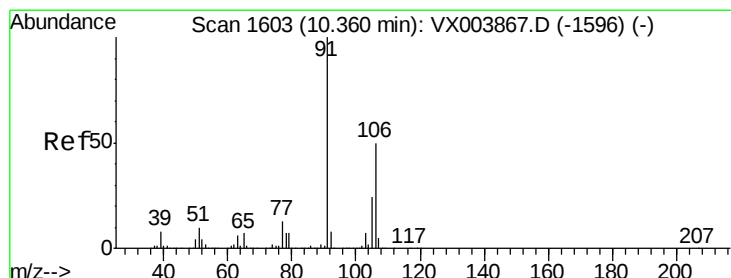
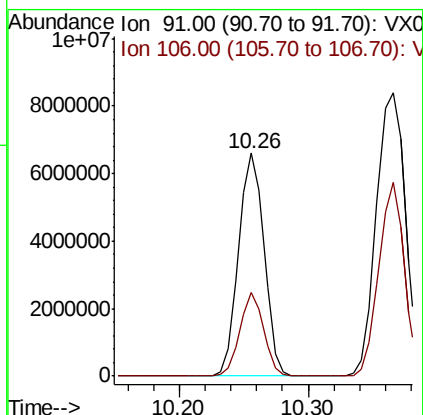
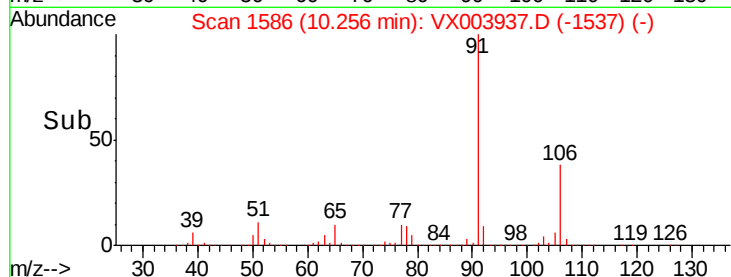
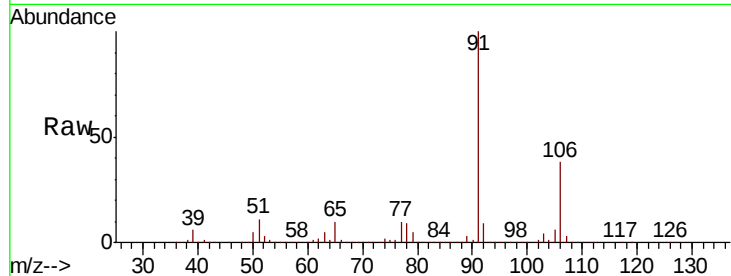
106 37.7 25.9 38.9

Manual Integrations

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8/9/2018 10:40:42 AM



#68

m/p-Xylenes

Concen: 959.153 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX003937.D

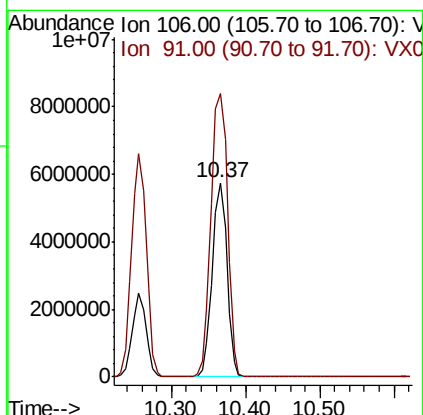
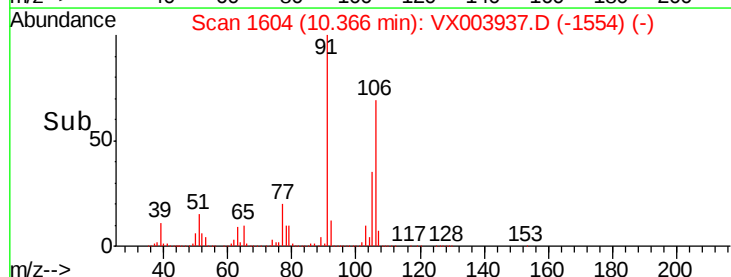
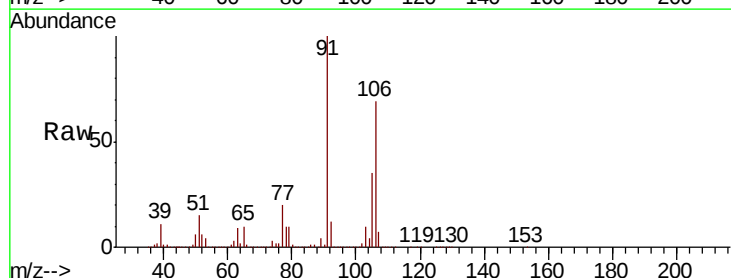
Acq: 08 Aug 2018 21:18

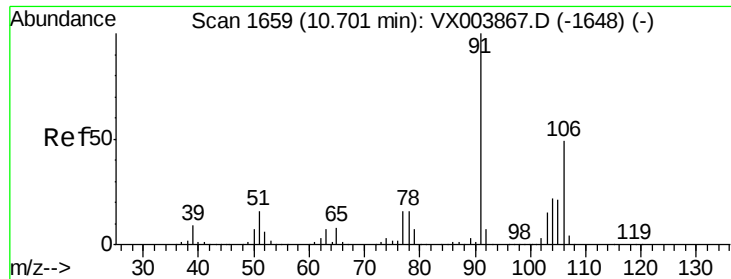
Tgt Ion: 106 Resp: 7825018

Ion Ratio Lower Upper

106 100

91 165.6 162.3 243.5





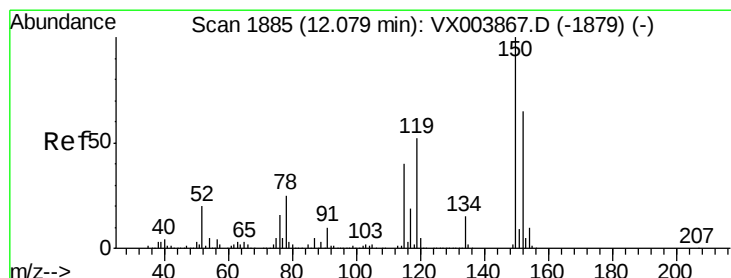
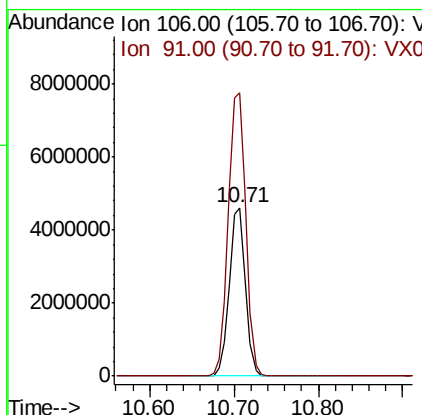
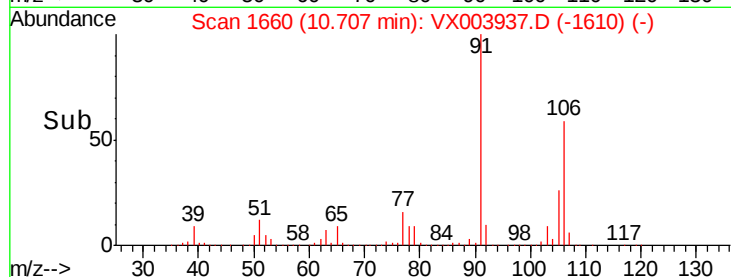
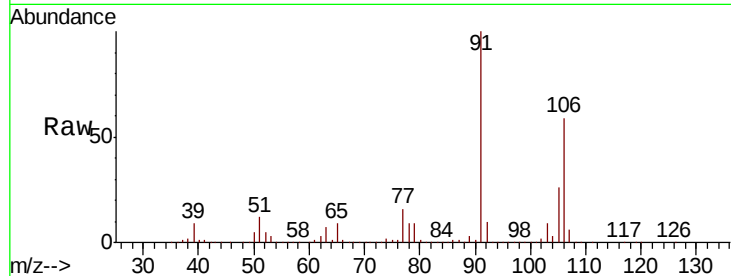
#69
o-Xylene
Concen: 784.097 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX003937.D
Acq: 08 Aug 2018 21:18

Instrument :
MSVOA_X
ClientSampleId :
FL-0558

Tgt Ion:106 Resp: 6038562
Ion Ratio Lower Upper
106 100
91 183.8 101.9 305.7

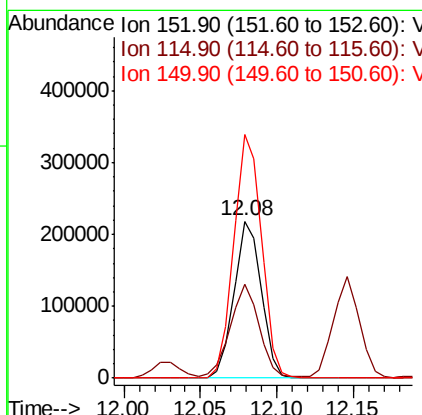
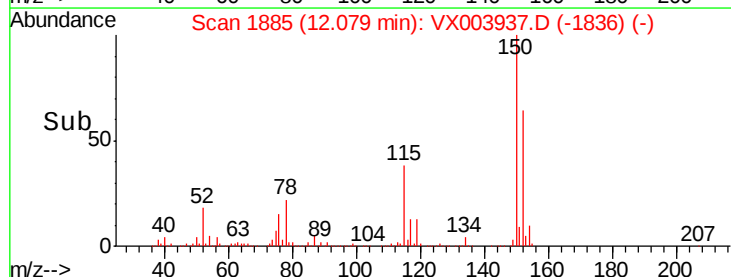
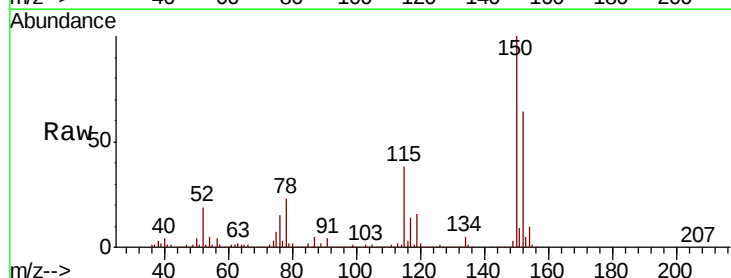
Manual Integrations
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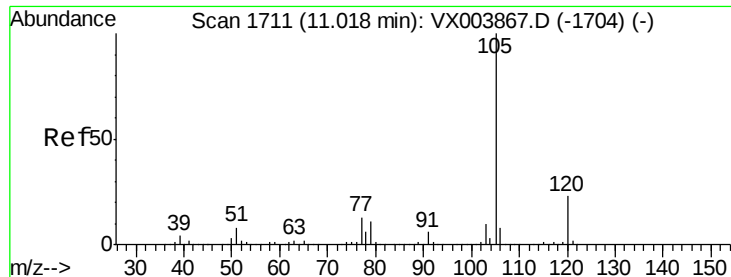
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003937.D
Acq: 08 Aug 2018 21:18

Tgt Ion:152 Resp: 268586
Ion Ratio Lower Upper
152 100
115 63.0 39.1 117.3
150 158.5 0.0 349.2





#73

Isopropylbenzene

Concen: 74.710 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003937.D

Acq: 08 Aug 2018 21:18

Instrument :

MSVOA_X

ClientSampled :

FL-0558

Tgt Ion: 105 Resp: 1484378

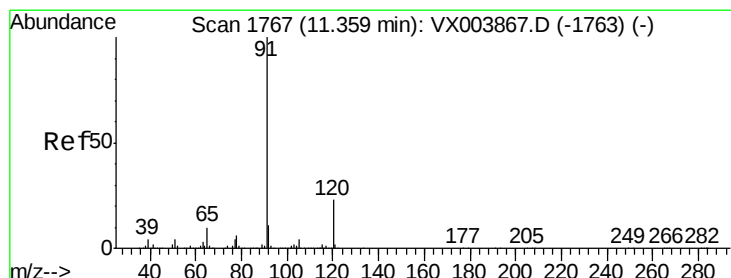
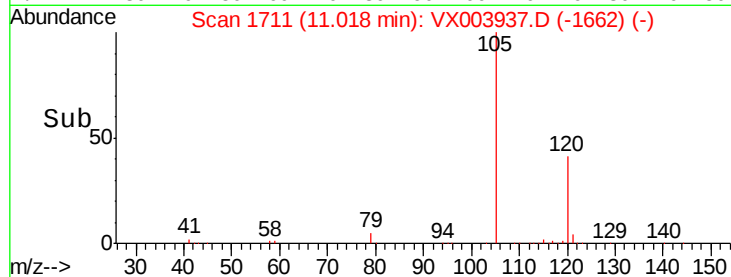
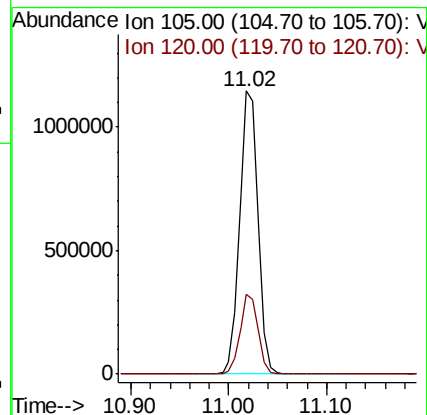
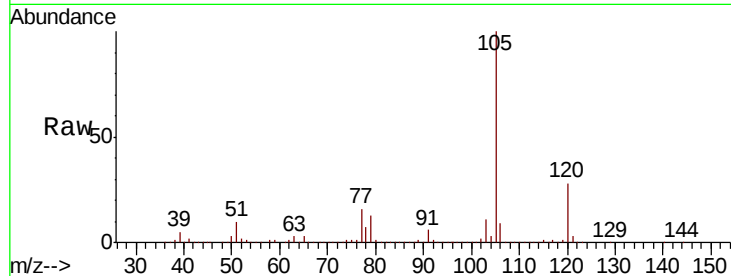
Ion Ratio Lower Upper

105 100

120 27.5 12.6 37.8

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#78

n-propylbenzene

Concen: 92.722 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003937.D

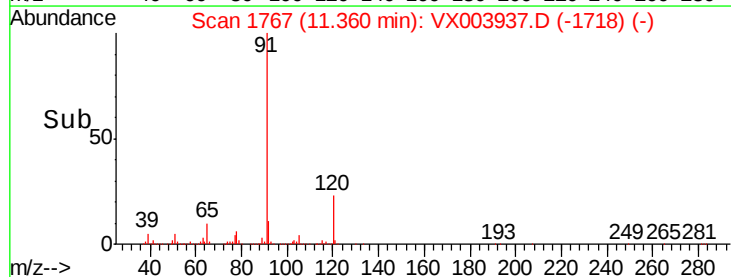
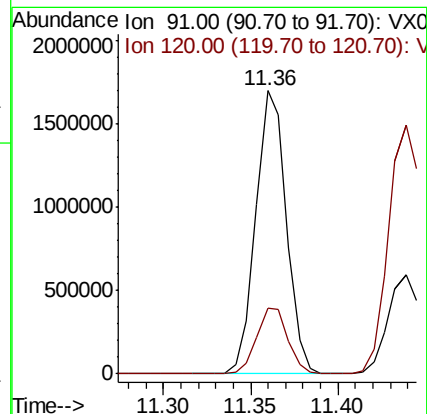
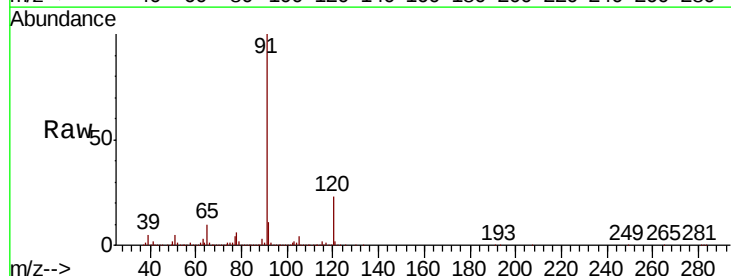
Acq: 08 Aug 2018 21:18

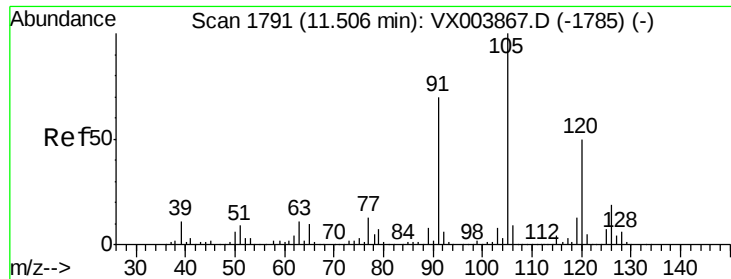
Tgt Ion: 91 Resp: 2068735

Ion Ratio Lower Upper

91 100

120 23.7 11.9 35.5





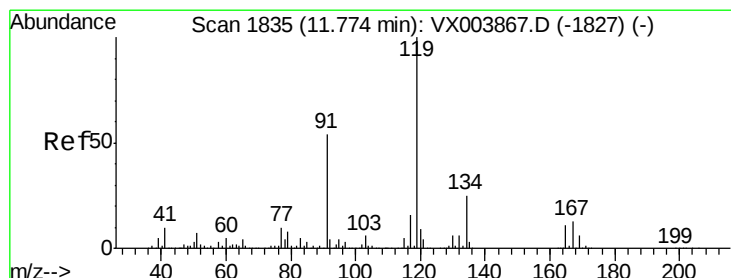
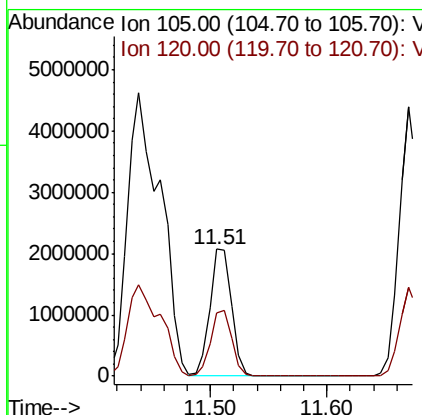
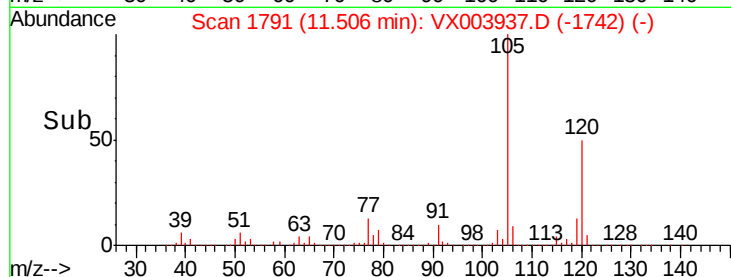
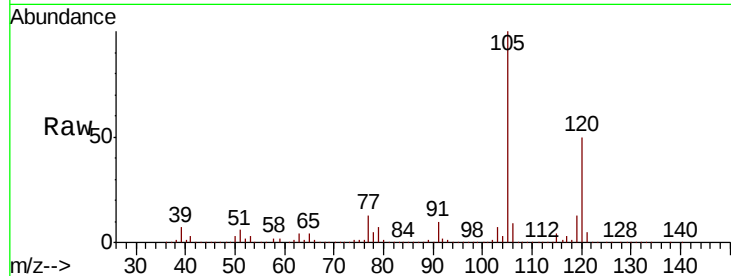
#80
 1,3,5-Trimethylbenzene
 Concen: 161.914 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003937.D
 Acq: 08 Aug 2018 21:18

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0558

Tgt Ion:105 Resp: 2623219
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.4 76.2

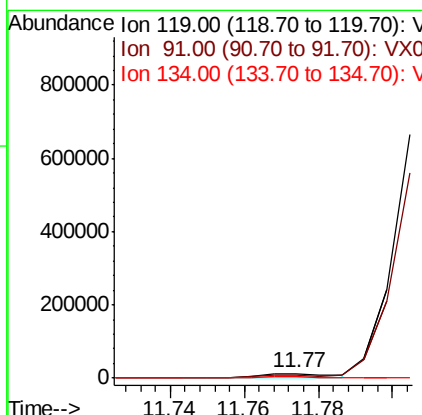
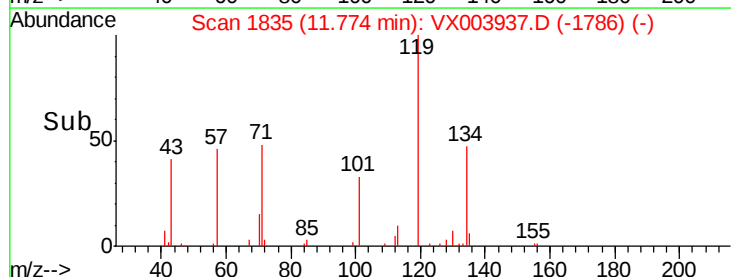
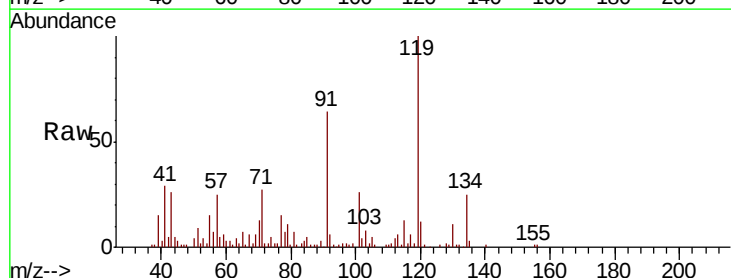
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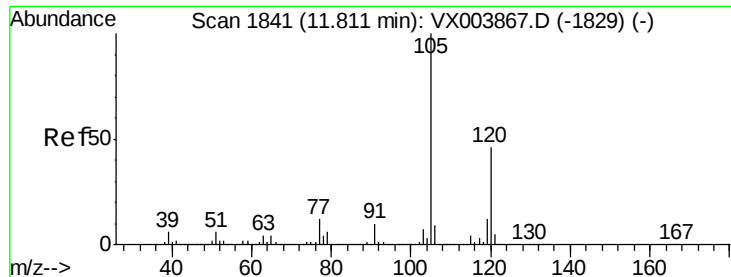
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#83
 tert-Butylbenzene
 Concen: 1.135 ug/l m
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003937.D
 Acq: 08 Aug 2018 21:18

Tgt Ion:119 Resp: 18087
 Ion Ratio Lower Upper
 119 100
 91 5321.4 26.9 80.7#
 134 0.0 12.0 36.0#





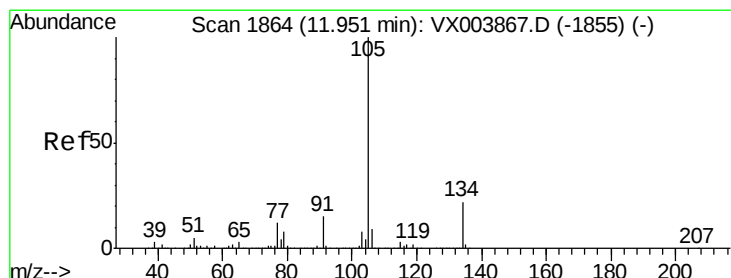
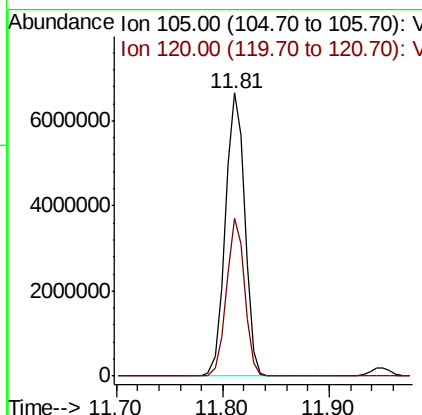
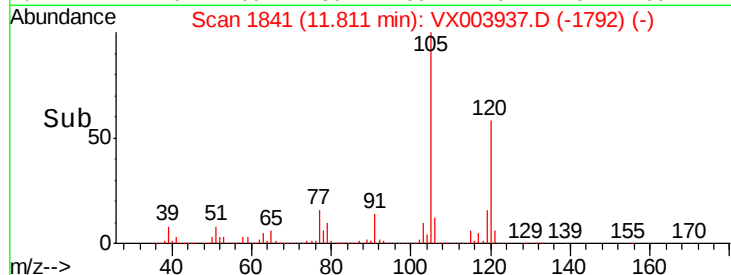
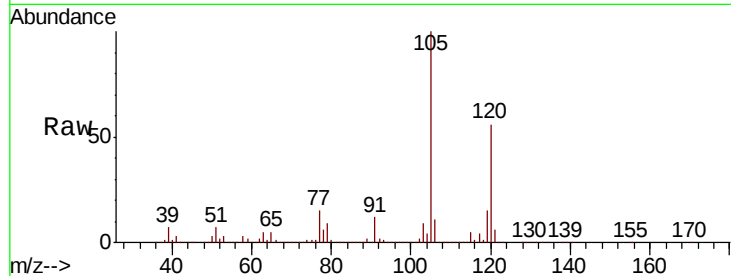
#84
 1,2,4-Trimethylbenzene
 Concen: 520.849 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003937.D
 Acq: 08 Aug 2018 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0558

Tgt Ion:105 Resp: 8484850
 Ion Ratio Lower Upper
 105 100
 120 52.0 23.1 69.2

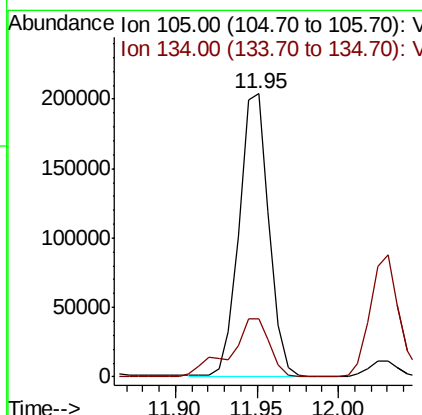
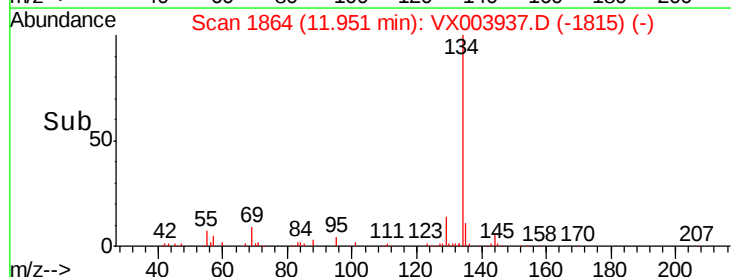
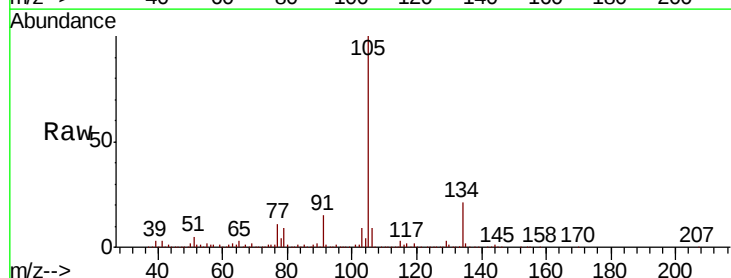
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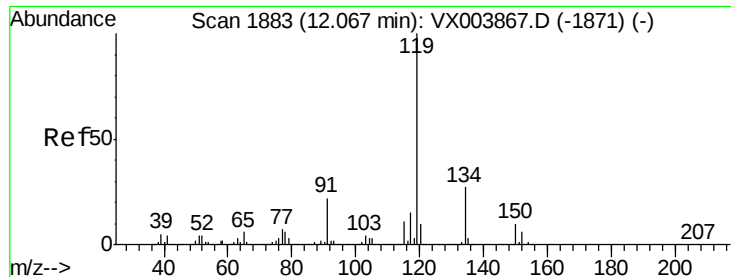
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#85
 sec-Butylbenzene
 Concen: 13.737 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003937.D
 Acq: 08 Aug 2018 21:18

Tgt Ion:105 Resp: 258395
 Ion Ratio Lower Upper
 105 100
 134 27.6 10.3 30.9





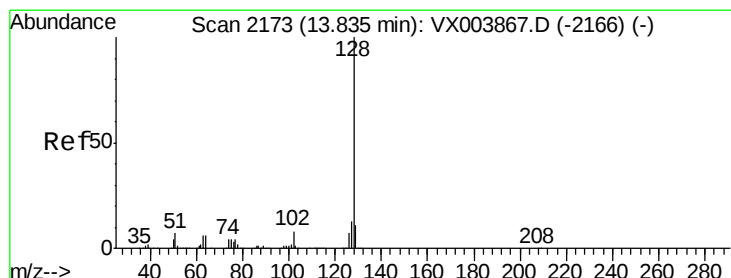
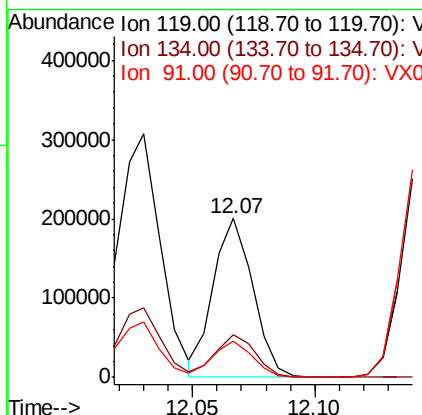
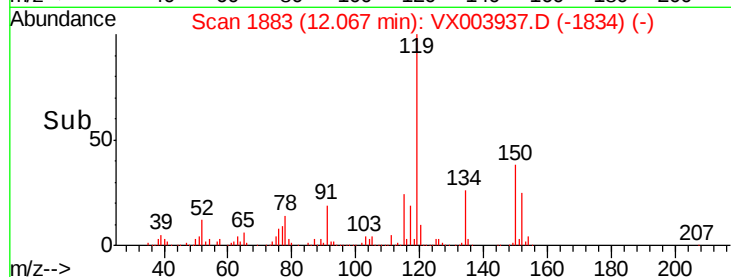
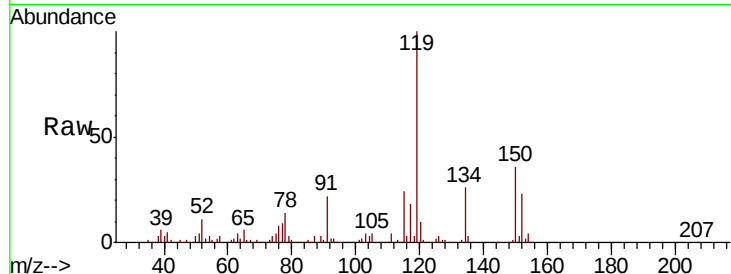
#86
p-Isopropyltoluene
Concen: 13.350 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003937.D
Acq: 08 Aug 2018 21:18

Instrument :
MSVOA_X
ClientSampled :
FL-0558

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.3	39.8
91	22.4	10.9	32.7

Manual Integrations
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#95
Naphthalene
Concen: 71.222 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003937.D
Acq: 08 Aug 2018 21:18

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.1	8.8	13.2

