

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
 Data File : VX001979.D
 Acq On : 25 May 2018 16:10
 Operator : JC/MD
 Sample : J3015-02
 Misc : 6.16µ/5mL/100µL/5mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-3-SWN-9.5-10

Manual Integrations
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 5/29/2018 4:39:21 PM

Quant Time: May 26 03:12:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	313853	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	465373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	457110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	293187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	275270	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.51	113	215442	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	
50) Toluene-d8	8.72	98	820322	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.15	95	349457	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	23354	21.207	ug/l #	71
31) Cyclohexane	5.56	56	114288	14.785	ug/l #	93
39) Methylcyclohexane	7.46	83	422395	53.114	ug/l	99
40) Benzene	6.13	78	4221	0.223	ug/l	98
52) Toluene	8.79	92	5883	0.487	ug/l	91
67) Ethyl Benzene	10.26	91	550877	21.893	ug/l	98
68) m/p-Xylenes	10.37	106	944972	98.244	ug/l	100
69) o-Xylene	10.71	106	149526	15.569	ug/l	100
73) Isopropylbenzene	11.02	105	101830	4.102	ug/l	100
78) n-propylbenzene	11.37	91	364515	13.109	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	915849	43.165	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	3031923	138.281	ug/l	98
85) sec-Butylbenzene	11.95	105	59987m	2.397	ug/l	
86) p-Isopropyltoluene	12.07	119	55772	2.490	ug/l	97
89) n-Butylbenzene	12.38	91	179982m	9.484	ug/l	
95) Naphthalene	13.84	128	862397	32.568	ug/l	99

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

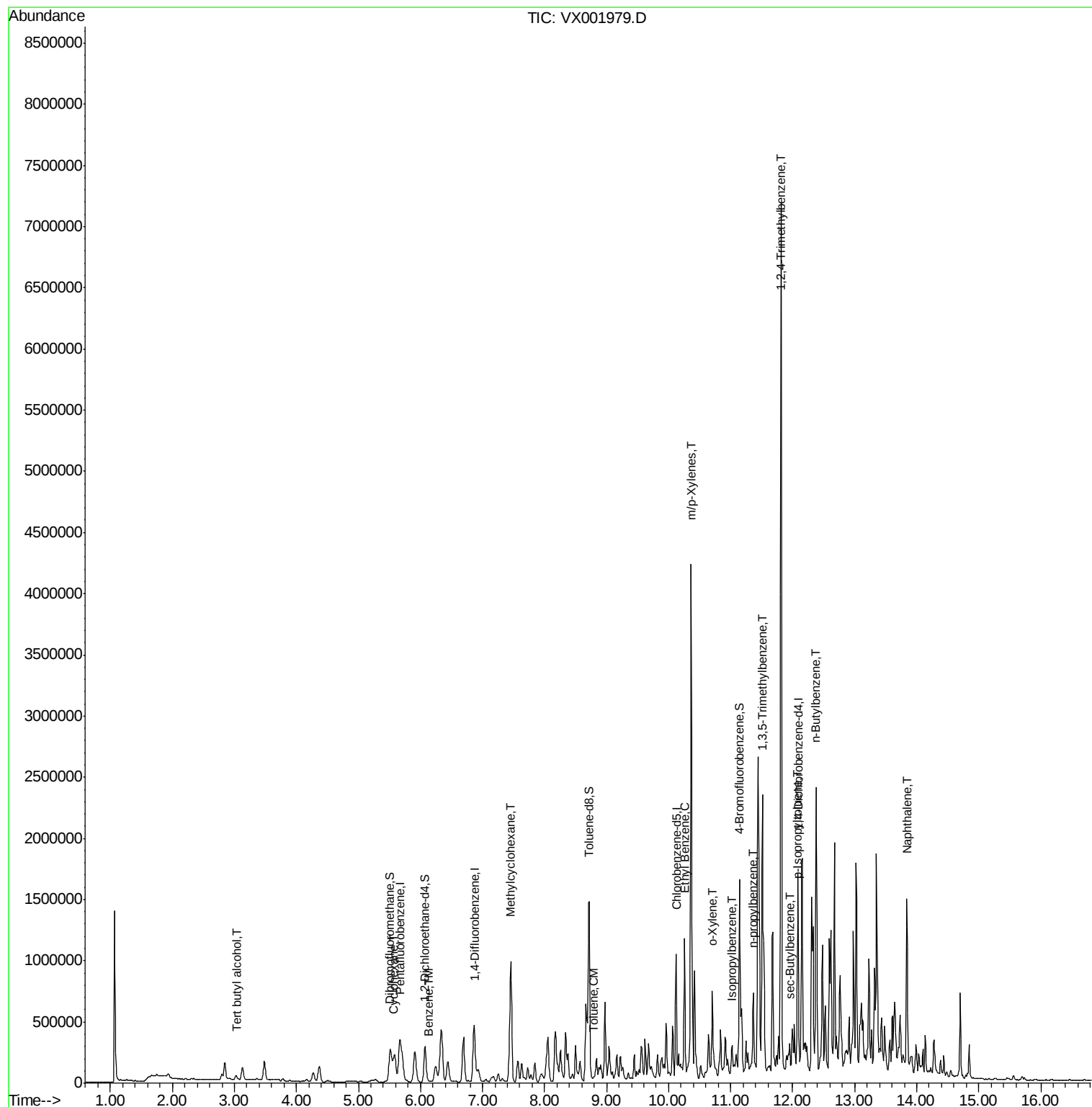
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052518\
Data File : VX001979.D
Acq On : 25 May 2018 16:10
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ALS Vial : 14 Sample Multiplier: 1

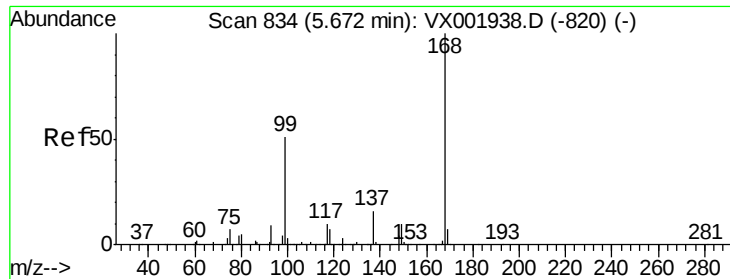
Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

Manual Integrations
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Quant Time: May 26 03:12:12 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration





#1

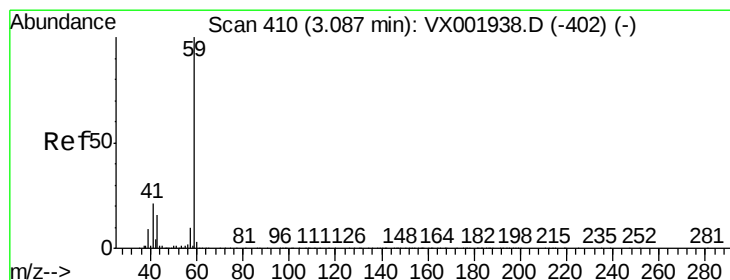
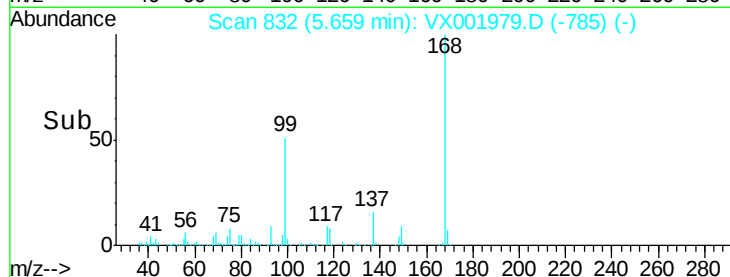
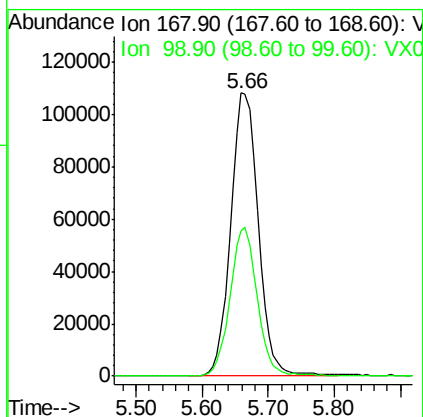
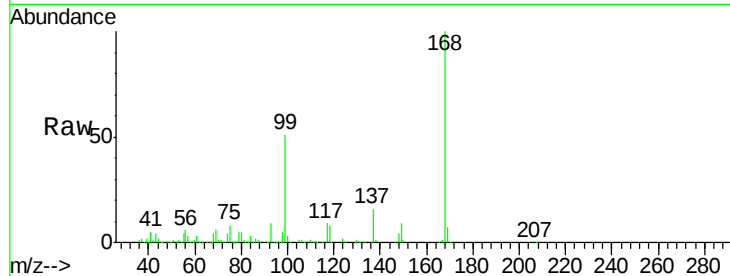
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: VX001979.D
 Acq: 25 May 2018 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-3-SWN-9.5-10

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.2	41.0	61.4

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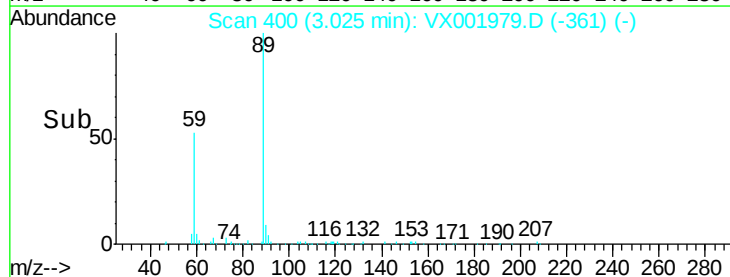
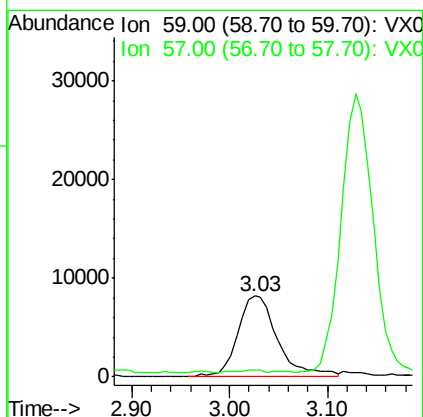
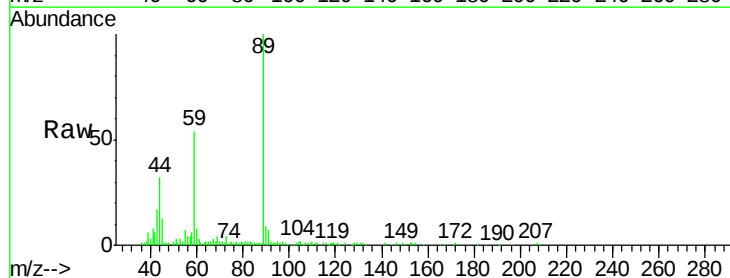
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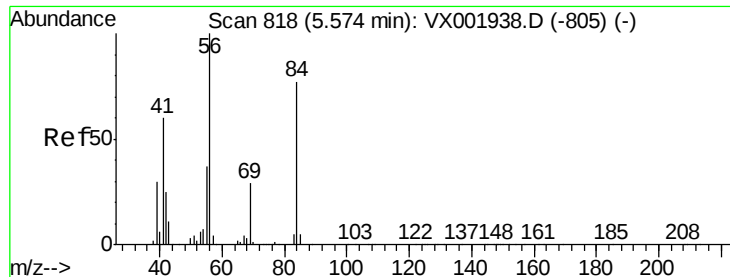


#11

Tert butyl alcohol
 Concen: 21.207 ug/l
 RT: 3.03 min Scan# 400
 Delta R.T. -0.06 min
 Lab File: VX001979.D
 Acq: 25 May 2018 16:10

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.9	13.3#





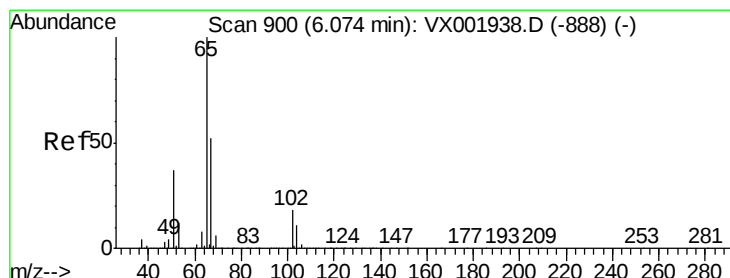
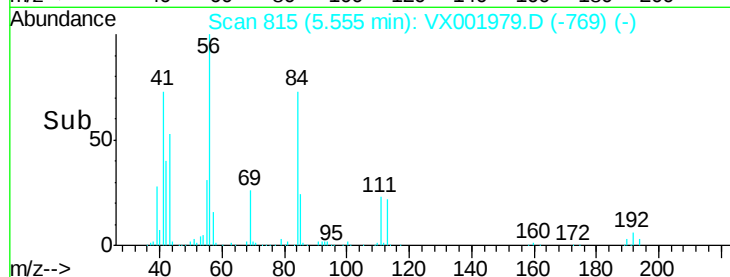
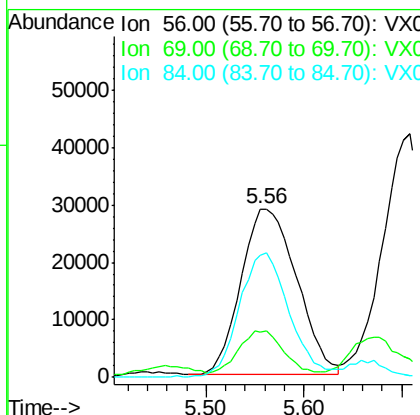
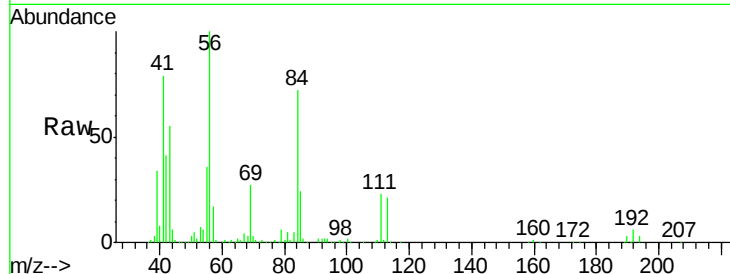
#31
Cyclohexane
Concen: 14.785 ug/l
RT: 5.56 min Scan# 815
Delta R.T. -0.02 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

Tot Ion	Ratio	Lower	Upper
56	100		
69	22.0	23.1	34.7#
84	73.3	62.0	93.0

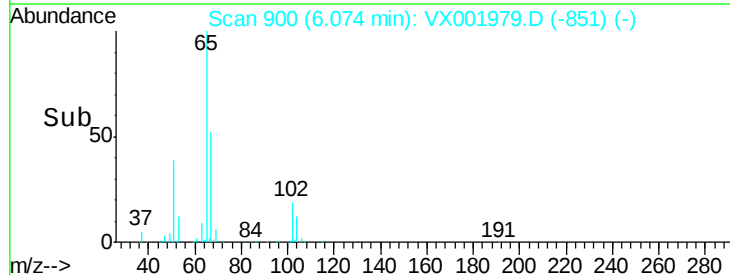
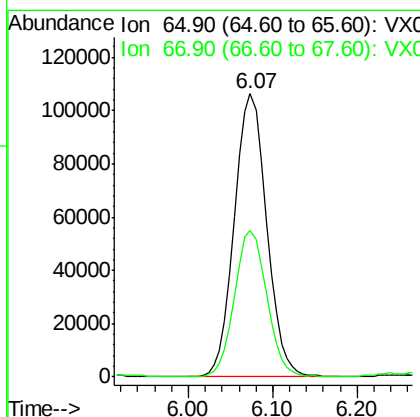
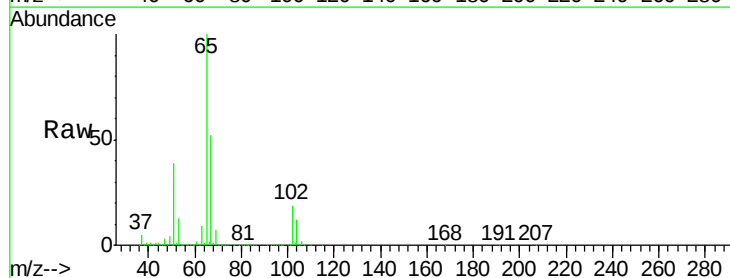
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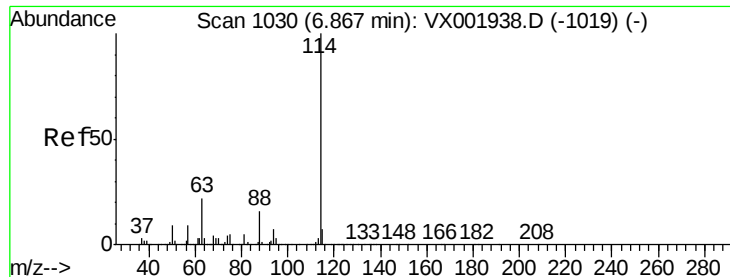
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#33
1,2-Dichloroethane-d4
Concen: 49.067 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.0





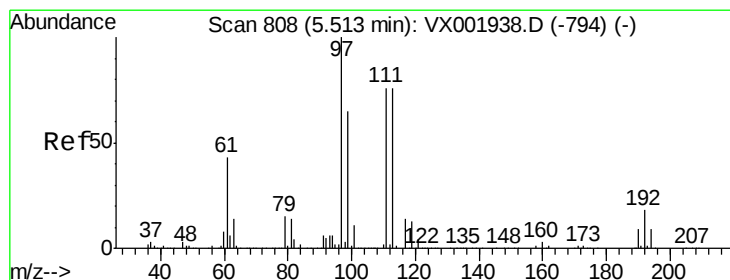
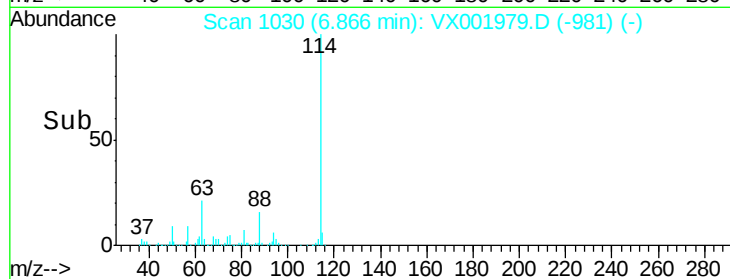
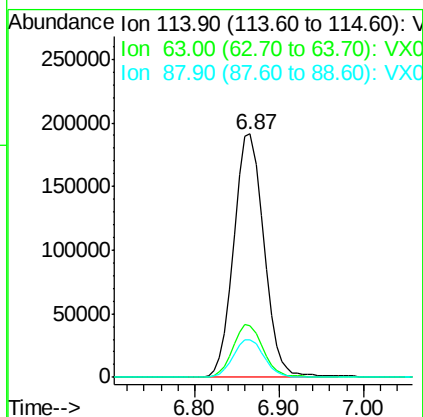
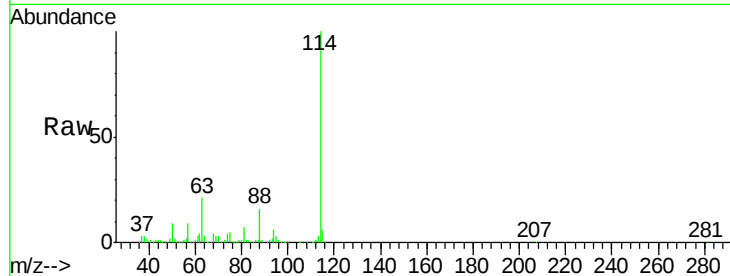
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001979.D
 Acq: 25 May 2018 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-3-SWN-9.5-10

Tot Ion	Ratio	Resp	Lower	Upper
114	100	465373		
63	21.4		0.0	43.2
88	15.6		0.0	31.6

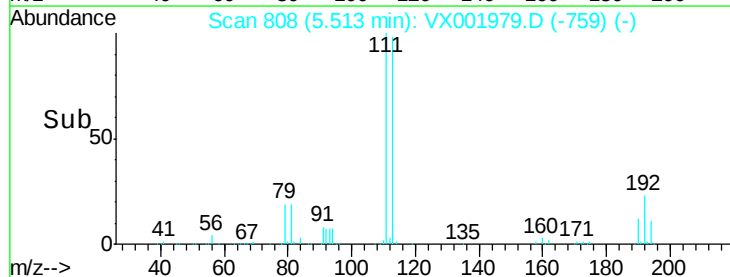
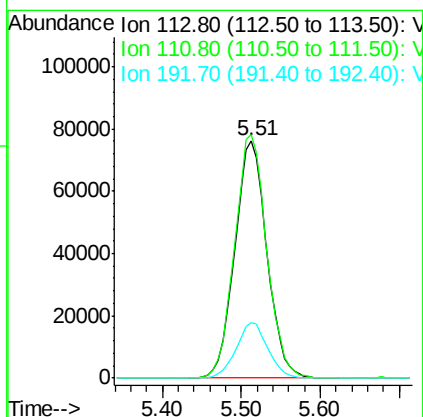
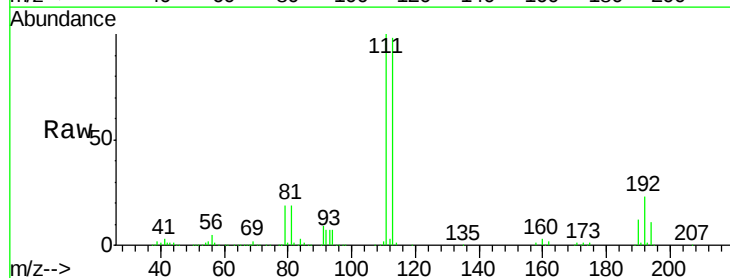
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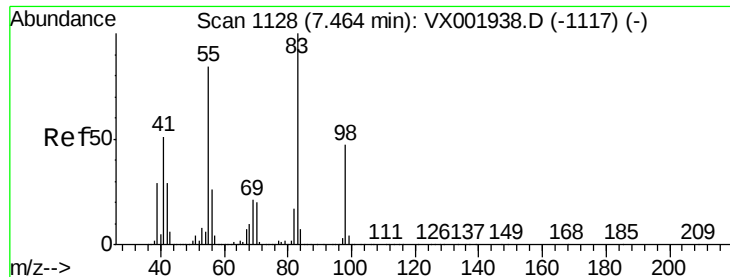
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#35
 Dibromofluoromethane
 Concen: 46.294 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001979.D
 Acq: 25 May 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	215442		
111	102.4		82.0	123.0
192	23.2		18.9	28.3





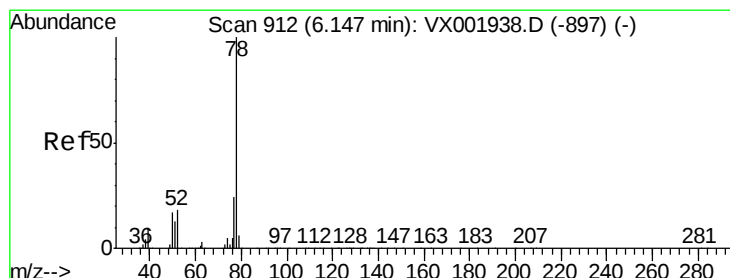
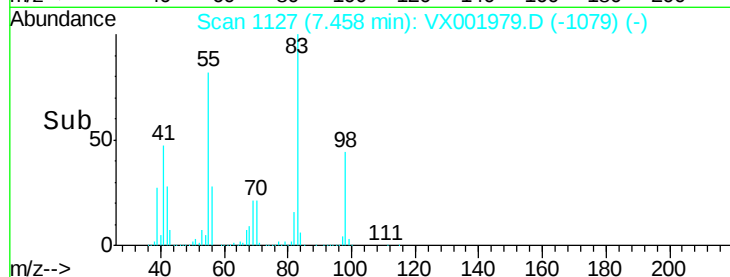
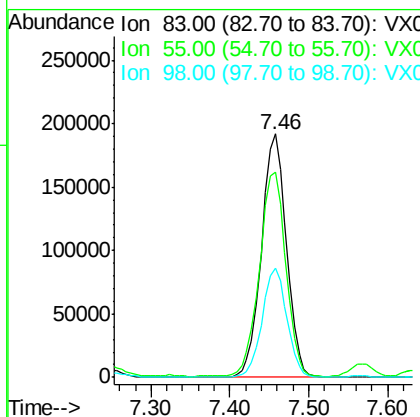
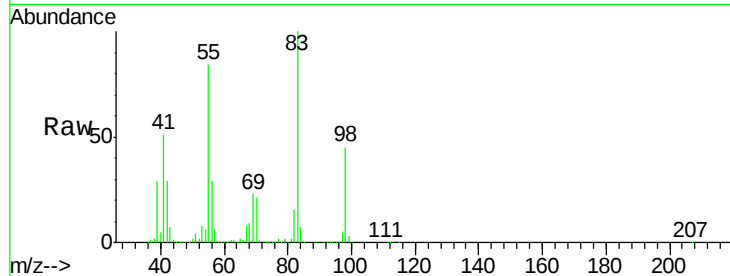
#39
Methvlcvclohexane
Concen: 53.114 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

Tot Ion	Ratio	Resp	Lower	Upper
83	100	422395		
55	83.9		67.3	100.9
98	44.8		37.5	56.3

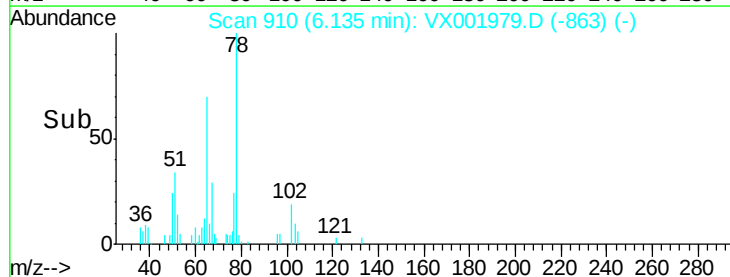
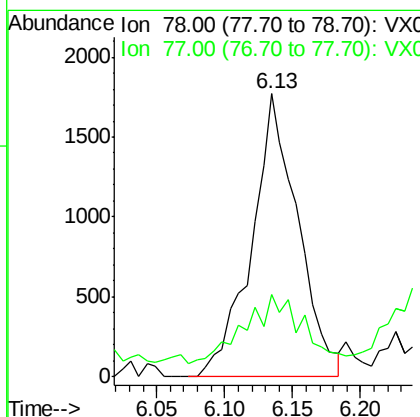
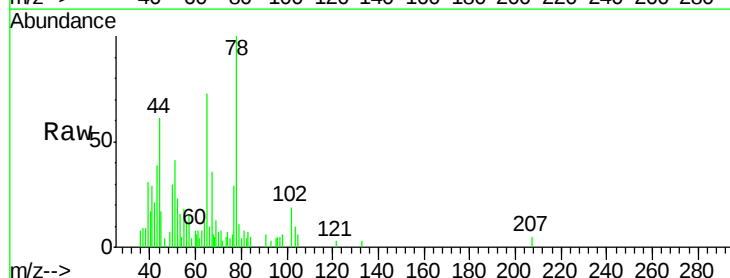
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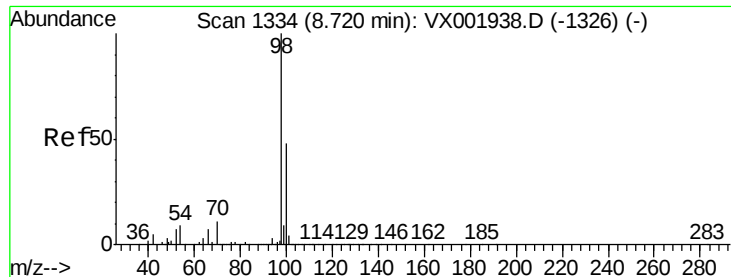
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#40
Benzene
Concen: 0.223 ug/l
RT: 6.13 min Scan# 910
Delta R.T. -0.01 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	4221		
77	24.7		19.1	28.7





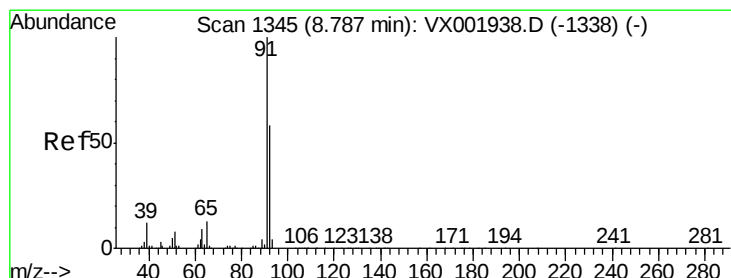
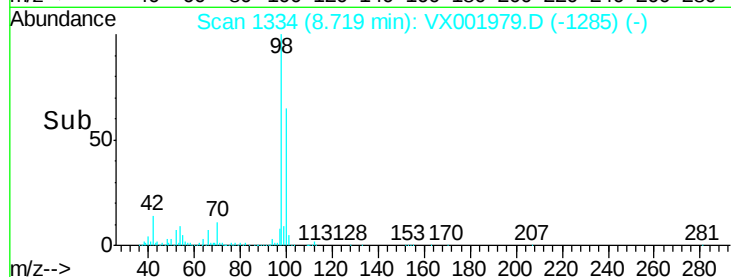
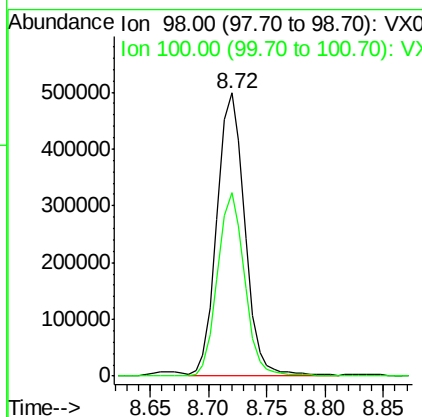
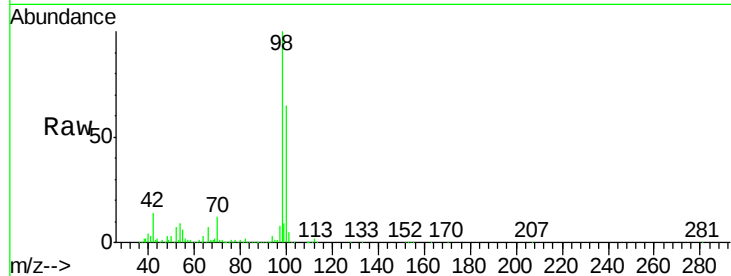
#50
Toluene-d8
Concen: 48.689 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

Tot Ion	98	Resp	820322
Ion Ratio	100	Lower	Upper
98	100	51.5	77.3

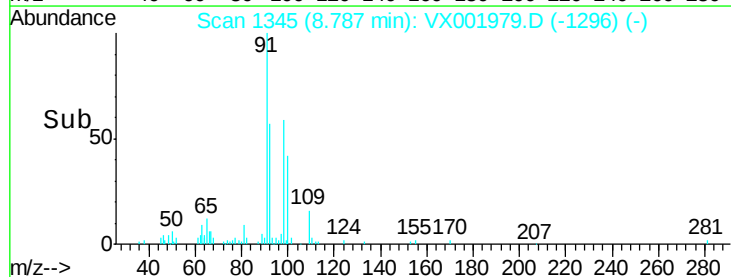
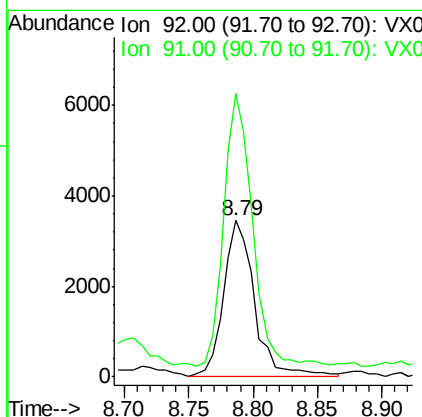
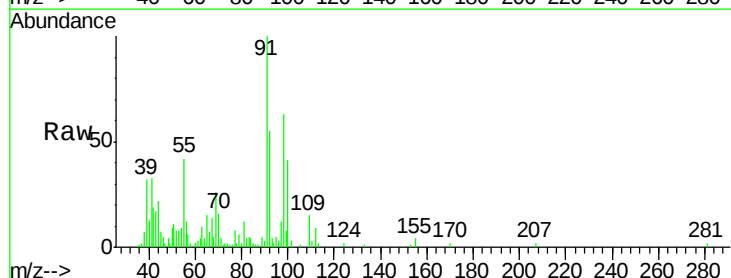
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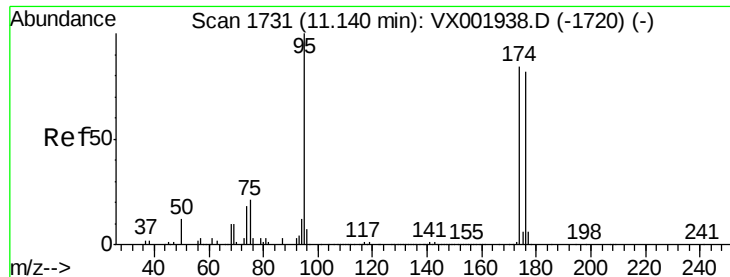
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#52
Toluene
Concen: 0.487 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Tgt Ion	92	Resp	5883
Ion Ratio	100	Lower	Upper
92	100	139.4	209.2
91	161.6		





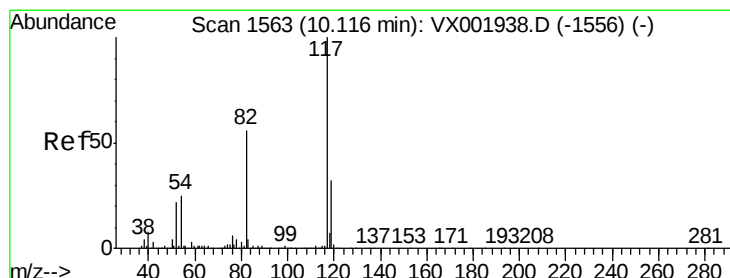
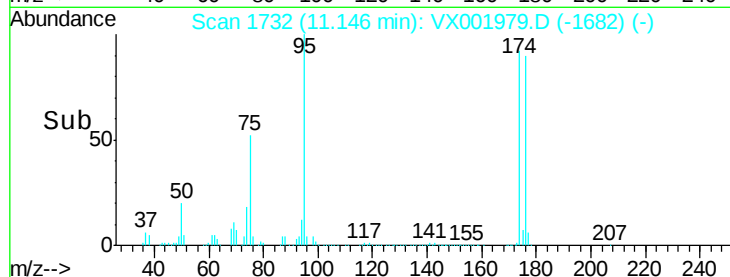
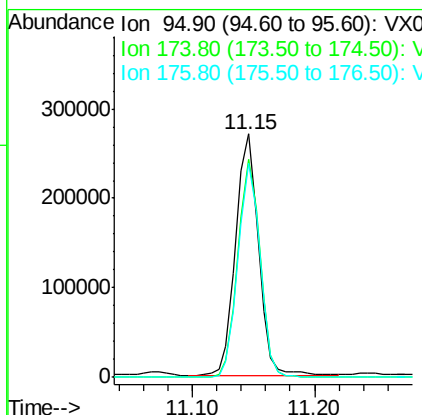
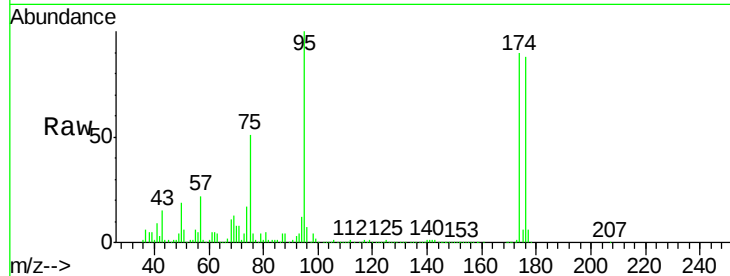
#62
4-Bromofluorobenzene
Concen: 53.013 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

Tot Ion	Ratio	Resp	Lower	Upper
95	100	349457		
174	87.4	0.0	178.8	
176	85.3	0.0	175.6	

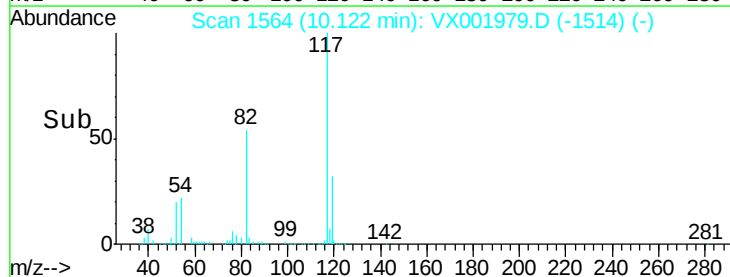
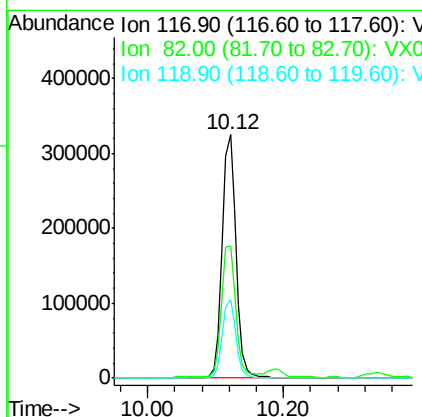
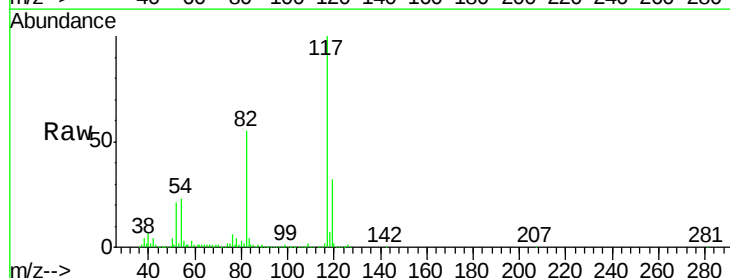
Manual Integrations
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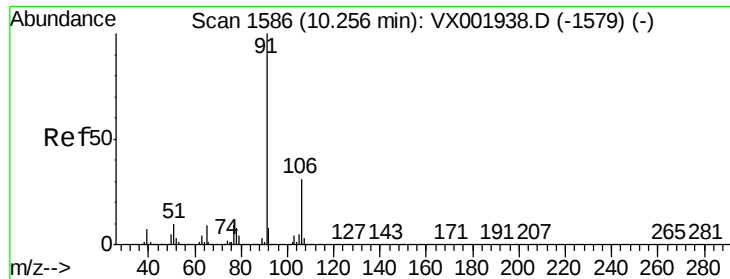
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	457110		
82	54.0	44.8	67.2	
119	32.0	25.5	38.3	





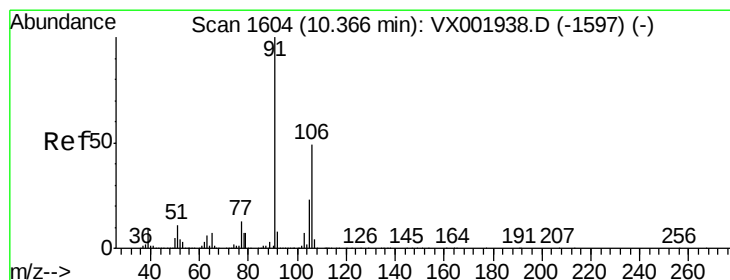
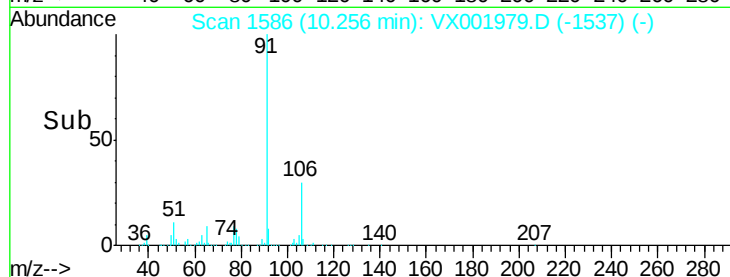
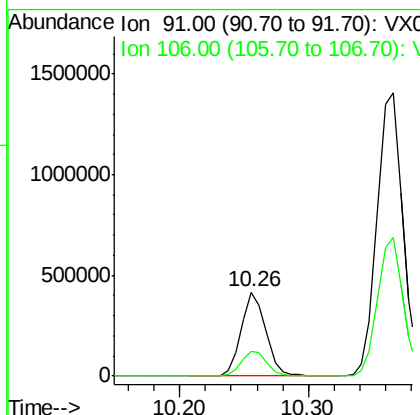
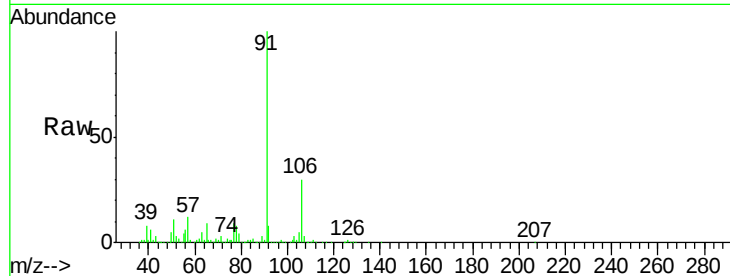
#67
Ethyl Benzene
Concen: 21.893 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

Tot Ion: 91 Resp: 550877
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.6

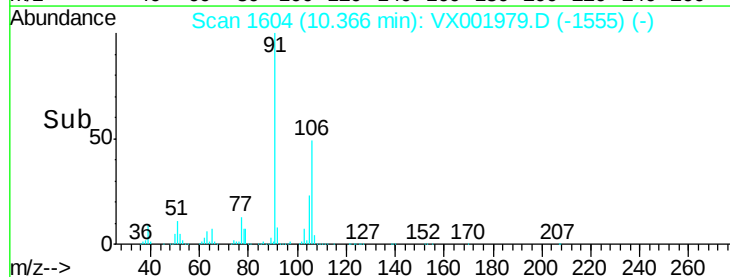
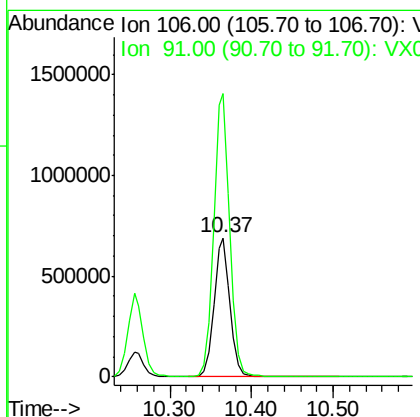
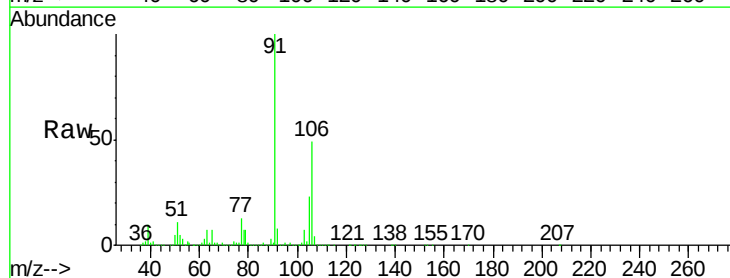
Manual Integrations
APPROVED

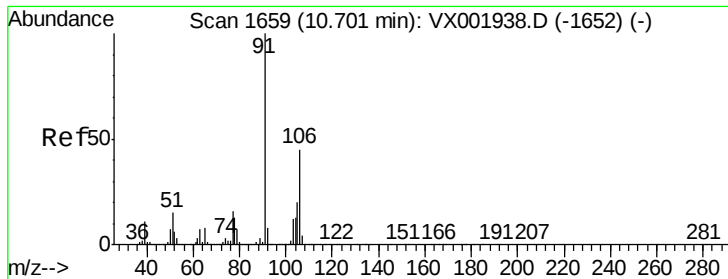
MMDadoda
5/29/2018 4:39:21 PM



#68
m/p-Xylenes
Concen: 98.244 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Tgt Ion: 106 Resp: 944972
Ion Ratio Lower Upper
106 100
91 206.7 165.0 247.6





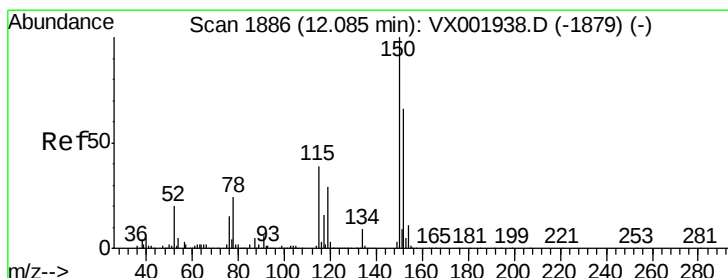
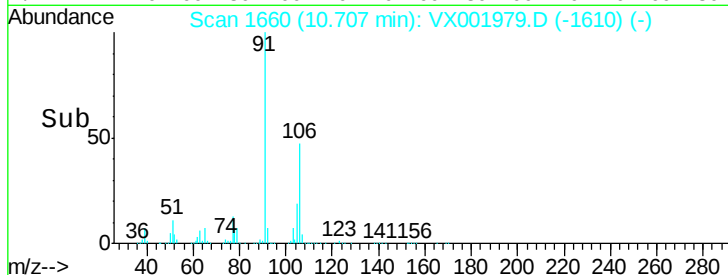
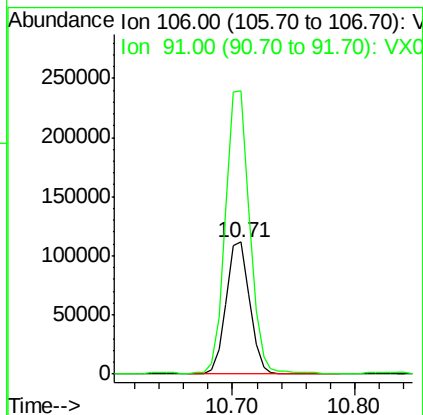
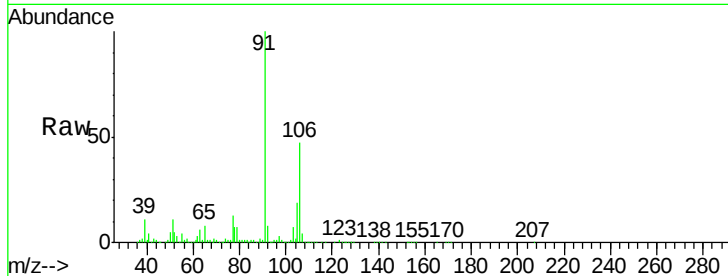
#69
o-Xylene
Concen: 15.569 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

Tot Ion:106 Resp: 149526
Ion Ratio Lower Upper
106 100
91 217.4 108.7 325.9

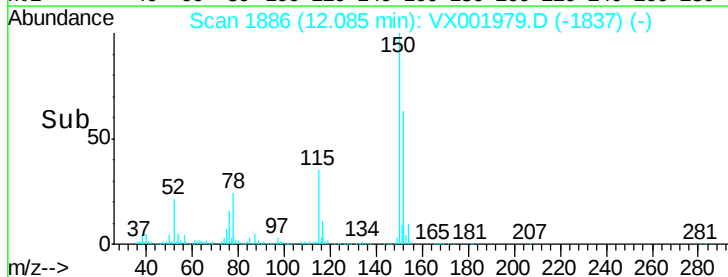
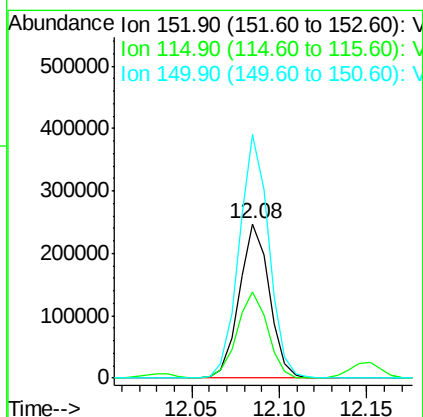
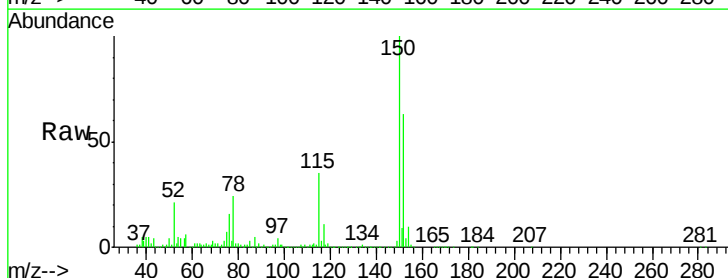
Manual Integrations
APPROVED

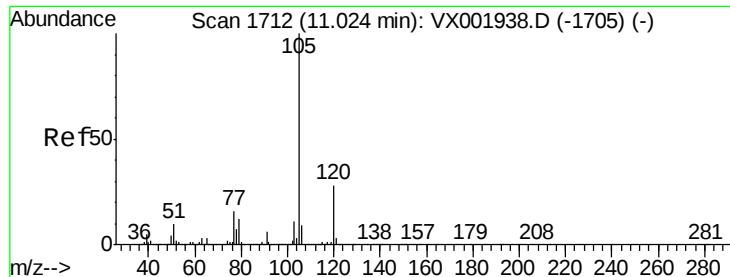
MMDadoda
5/29/2018 4:39:21 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Tgt Ion:152 Resp: 293187
Ion Ratio Lower Upper
152 100
115 56.9 42.3 126.8
150 157.3 0.0 351.0





#73

Isopropylbenzene

Concen: 4.102 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWN-9.5-10

Tot Ion:105 Resp: 101830

Ion Ratio Lower Upper

105 100

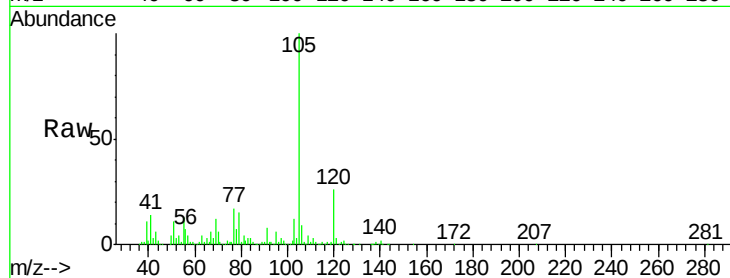
120 27.3 13.6 40.7

Manual Integrations

APPROVED

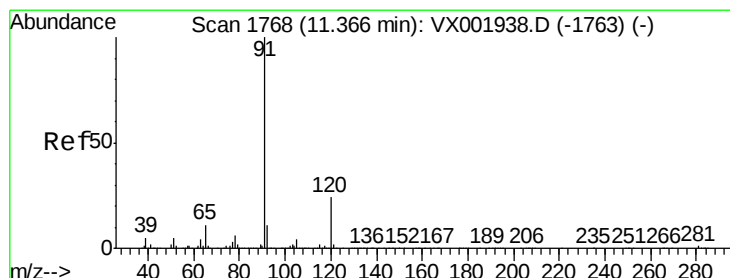
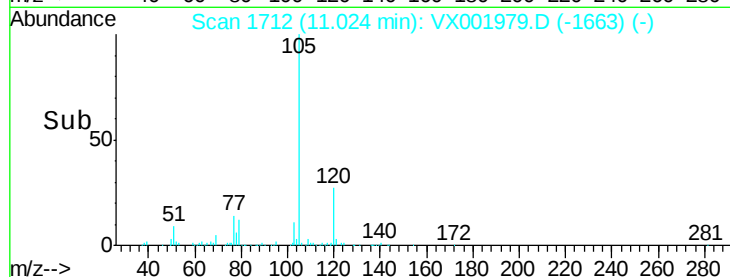
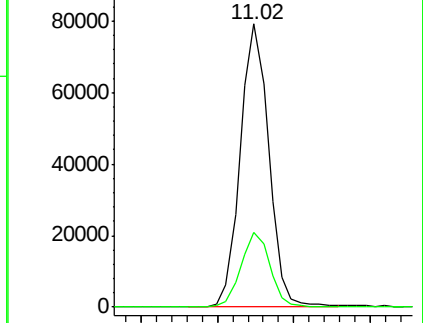
MMDadoda

5/29/2018 4:39:21 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 13.109 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001979.D

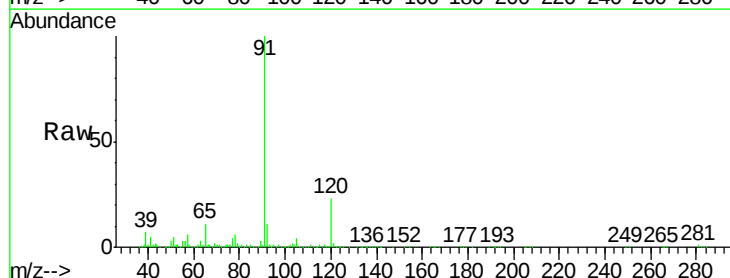
Acq: 25 May 2018 16:10

Tgt Ion: 91 Resp: 364515

Ion Ratio Lower Upper

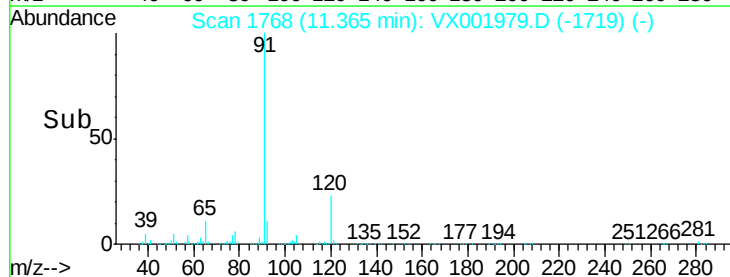
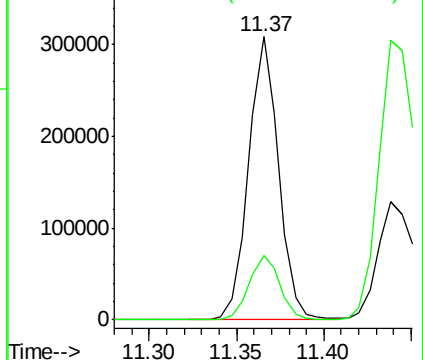
91 100

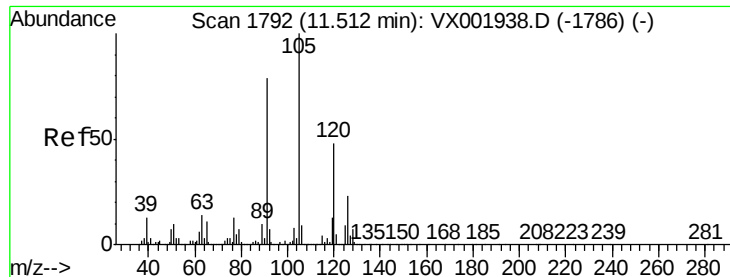
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





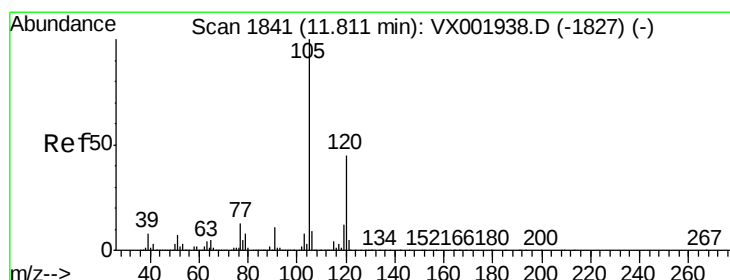
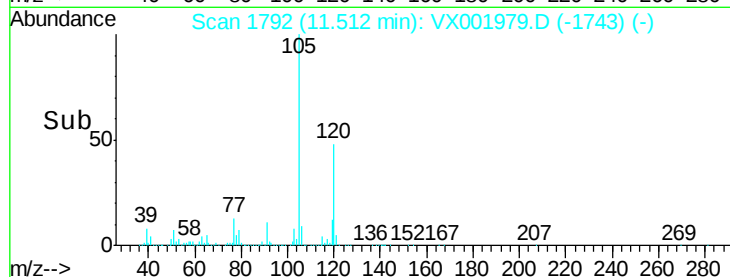
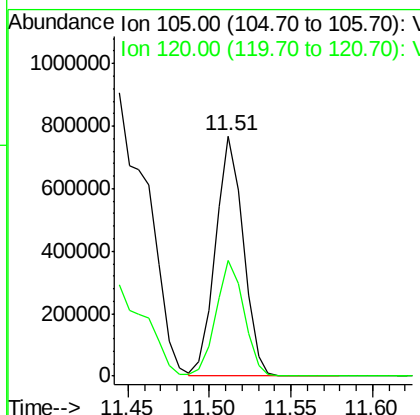
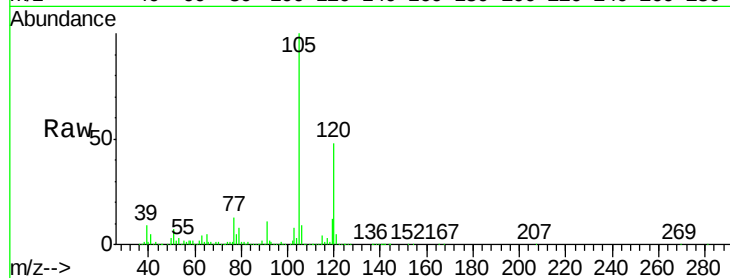
#80
 1,3,5-Trimethylbenzene
 Concen: 43.165 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001979.D
 Acq: 25 May 2018 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-3-SWN-9.5-10

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.4

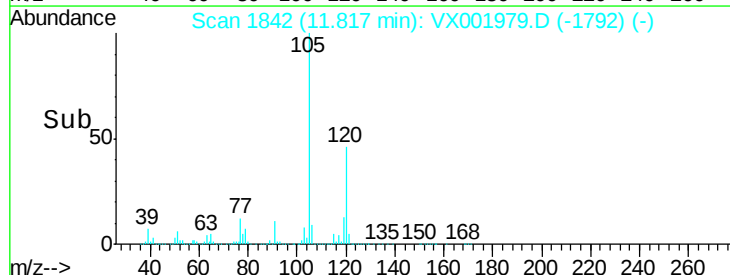
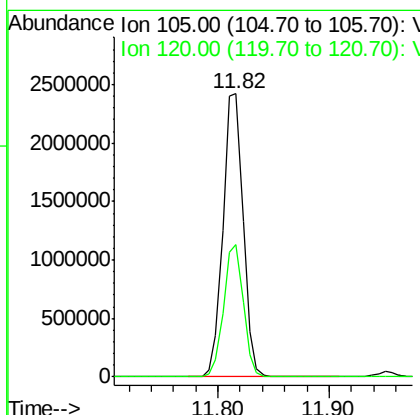
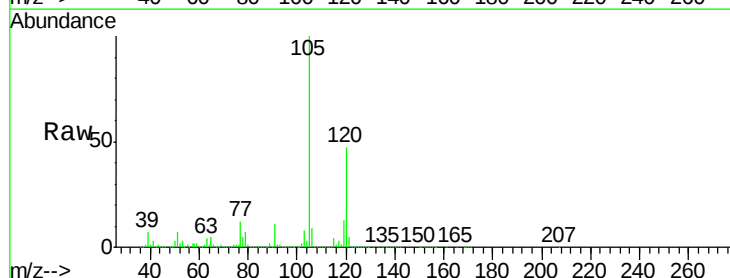
Manual Integrations
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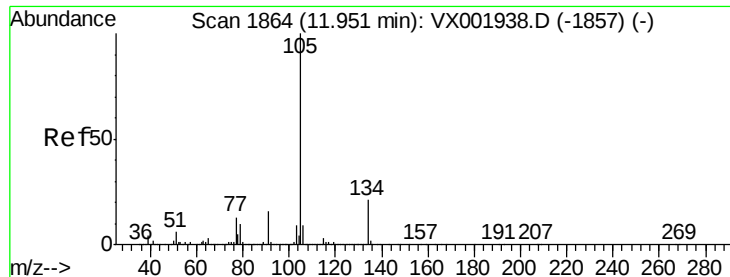
MMDadoda
 5/29/2018 4:39:21 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 138.281 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX001979.D
 Acq: 25 May 2018 16:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.1	66.5





#85

sec-Butylbenzene

Concen: 2.397 ug/l m

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

T1-3-SWN-9.5-10

Tot Ion:105 Resp: 59987

Ion Ratio Lower Upper

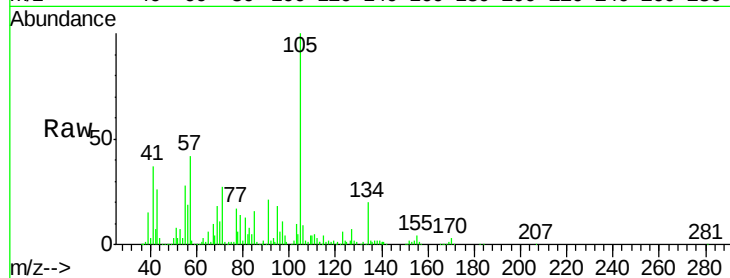
105 100

134 0.0 10.4 31.4#

Manual Integrations
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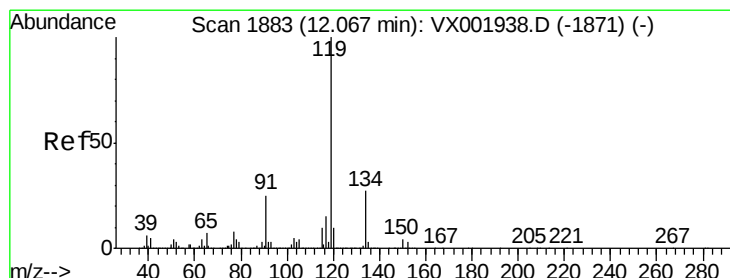
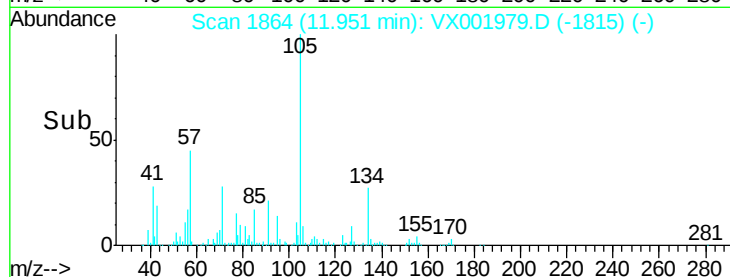
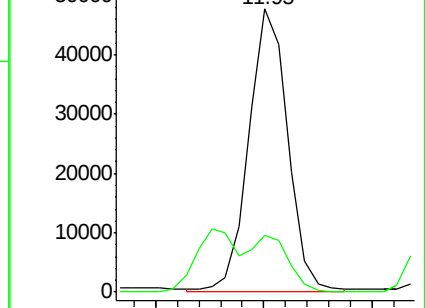
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.490 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001979.D

Acq: 25 May 2018 16:10

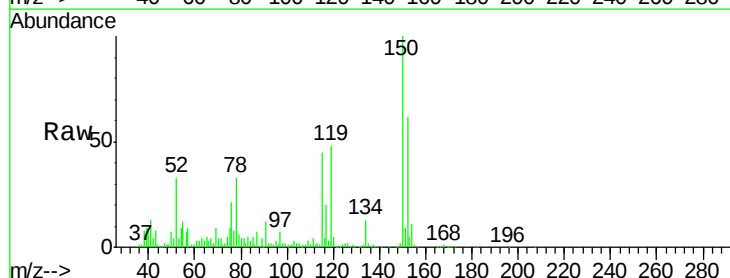
Tgt Ion:119 Resp: 55772

Ion Ratio Lower Upper

119 100

134 28.2 13.6 40.8

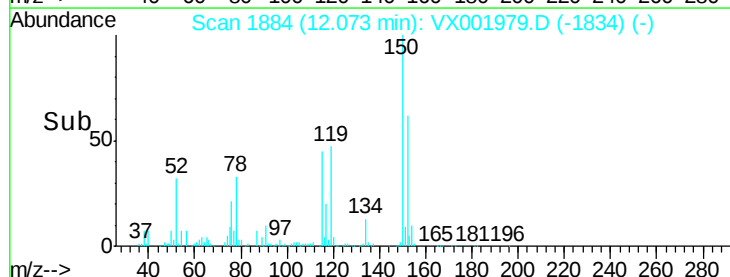
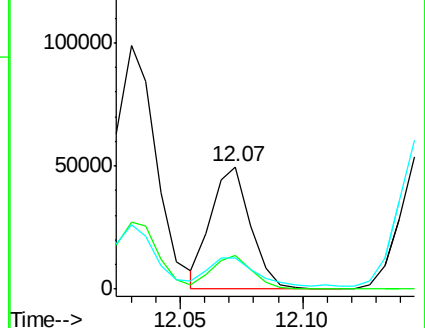
91 26.7 12.2 36.4

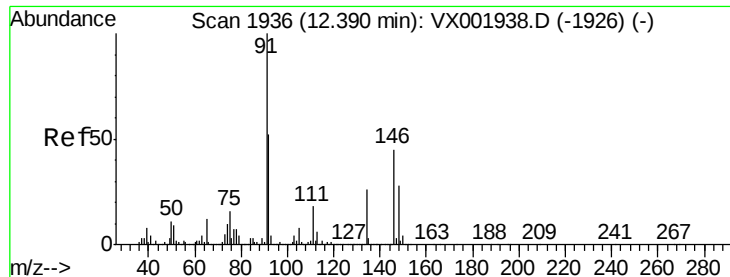


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





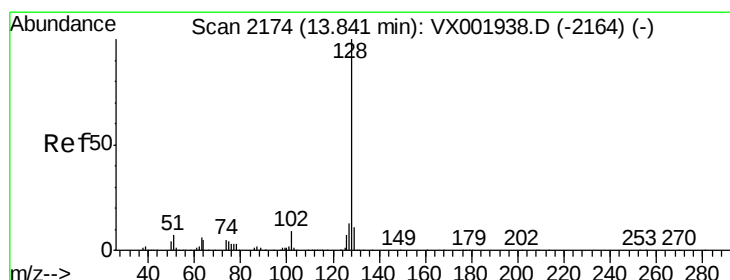
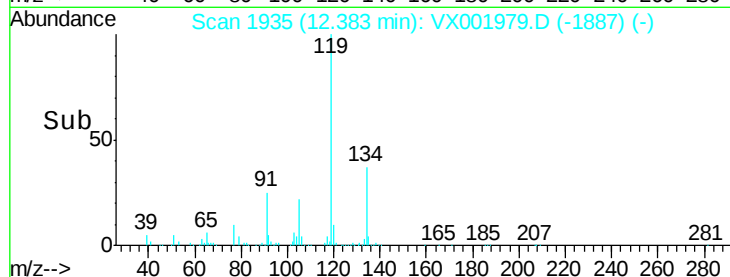
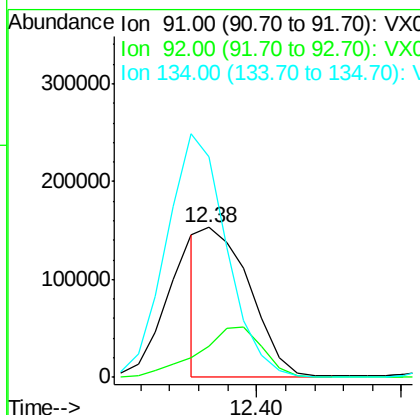
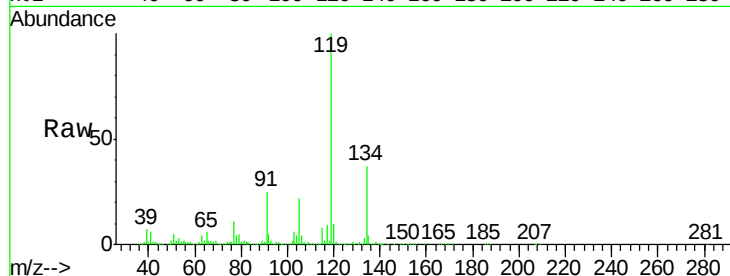
#89
n-Butylbenzene
Concen: 9.484 ug/l m
RT: 12.38 min Scan# 1935
Delta R.T. -0.01 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
T1-3-SWN-9.5-10

Tot Ion	Ratio	Resp	Lower	Upper
91	100	179982		
92	44.2	26.3	78.9	
134	197.6	13.6	40.7#	

Manual Integrations
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#95
Naphthalene
Concen: 32.568 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001979.D
Acq: 25 May 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	862397		
127	13.2	10.4	15.6	
129	11.4	8.8	13.2	

