

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030220\
 Data File : VX015066.D
 Acq On : 02 Mar 2020 12:22
 Operator : JC/SP
 Sample : L1724-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A2828

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 9:51:35 AM

Quant Time: Mar 02 16:48:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	412239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	659146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	624422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	329832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	238918	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	5.48	113	205737	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	8.71	98	747742	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.13	95	308343	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	36675	3.918	ug/l	98
30) Chloroform	5.20	83	25241	3.523	ug/l	87
40) Benzene	6.14	78	6651	0.378	ug/l #	87
47) Bromodichloromethane	7.89	83	5925	0.973	ug/l #	95
52) Toluene	8.78	92	11105	0.992	ug/l	90
67) Ethyl Benzene	10.25	91	21854	1.015	ug/l	99
68) m/p-Xylenes	10.35	106	7014	0.845	ug/l	96
69) o-Xylene	10.69	106	14964	1.876	ug/l	94
73) Isopropylbenzene	11.01	105	11758	0.568	ug/l	86
78) n-propylbenzene	11.35	91	16782	0.701	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	28549	1.652	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	44560	2.558	ug/l	96
85) sec-Butylbenzene	11.94	105	8496m	0.418	ug/l	
86) p-Isopropyltoluene	12.06	119	82760	4.350	ug/l #	77
89) n-Butylbenzene	12.38	91	23201	1.362	ug/l #	52

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

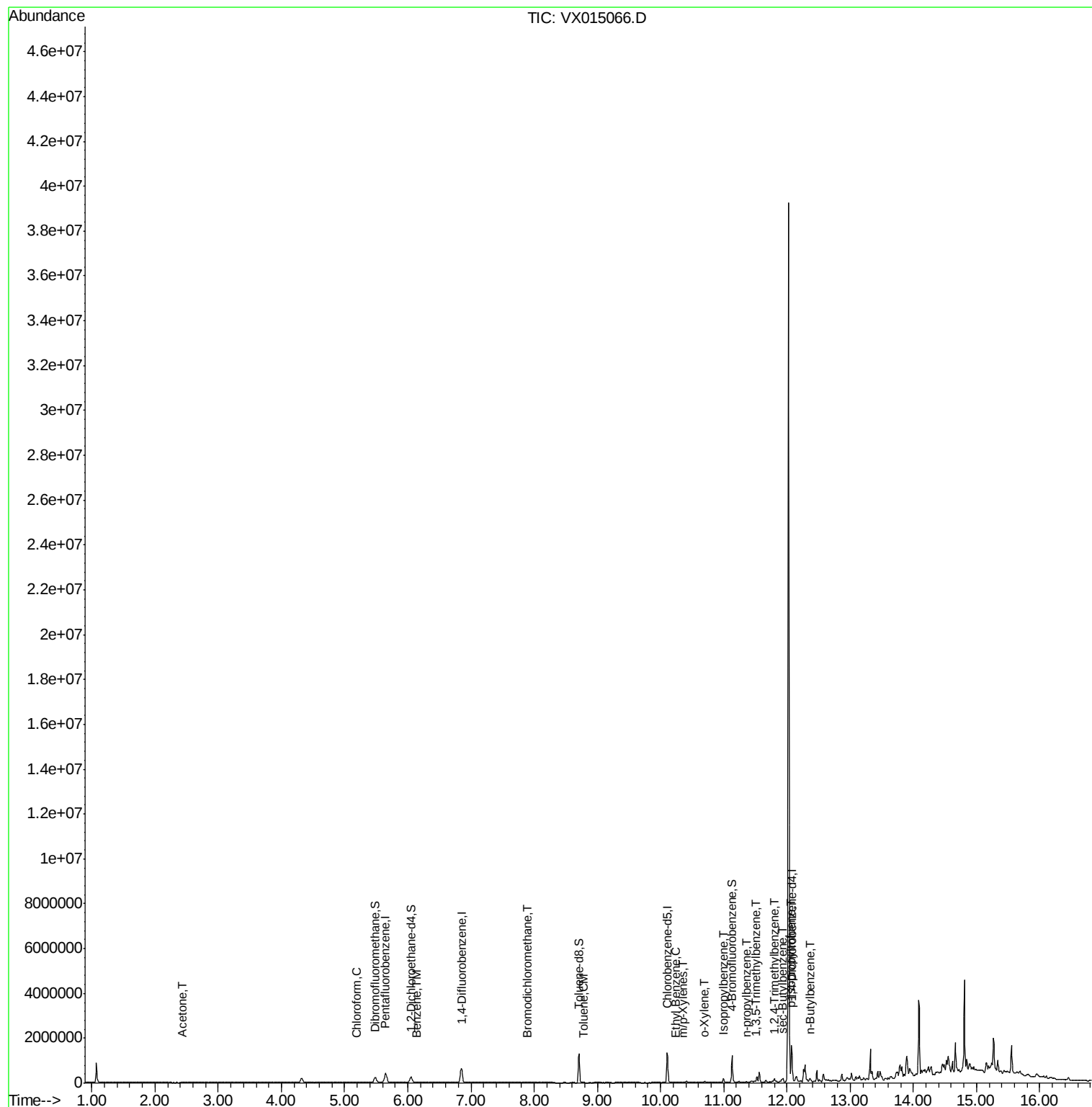
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030220\
Data File : VX015066.D
Acq On : 02 Mar 2020 12:22
Operator : JC/SP
Sample : L1724-01
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ALS Vial : 7 Sample Multiplier: 1

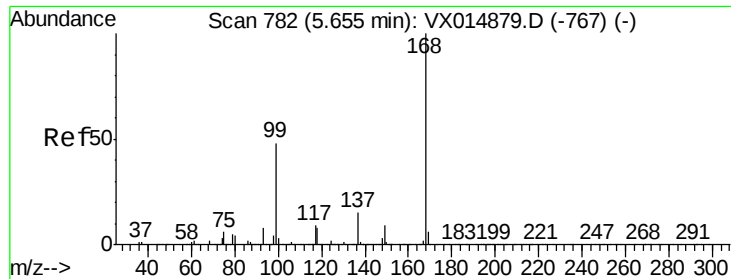
Instrument :
MSVOA_X
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A2828

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Quant Time: Mar 02 16:48:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

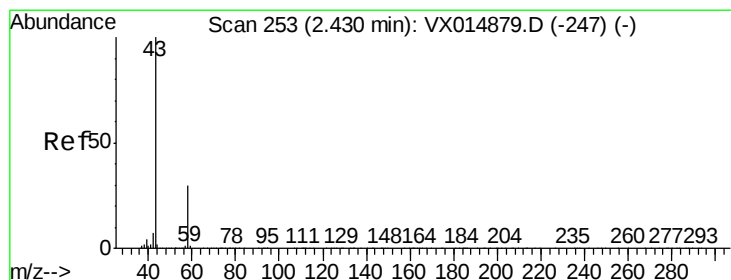
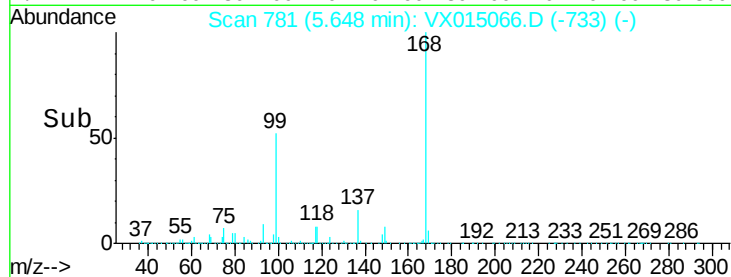
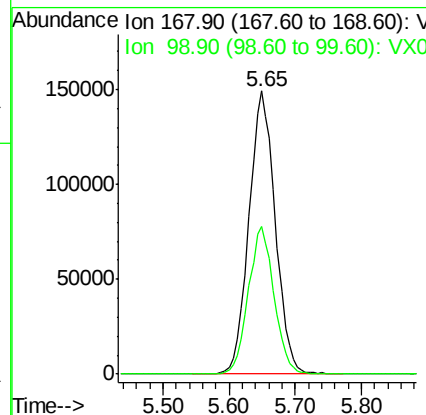
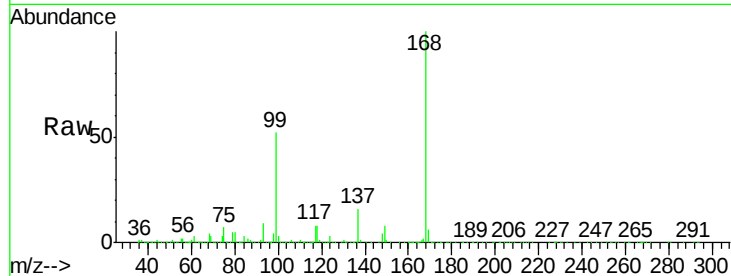
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX015066.D
 Acq: 02 Mar 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 A2828

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.2	38.7	58.1

Manual Integrations
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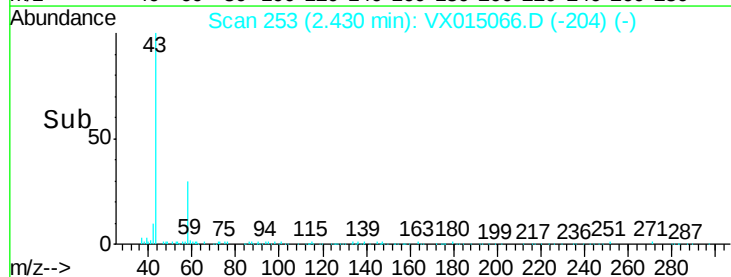
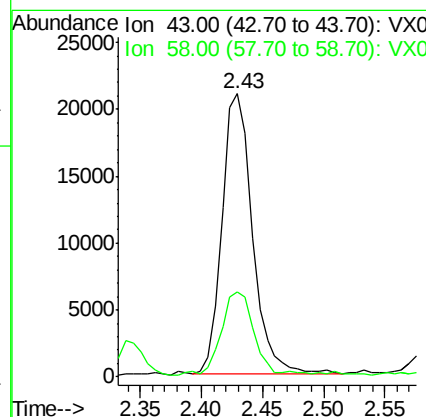
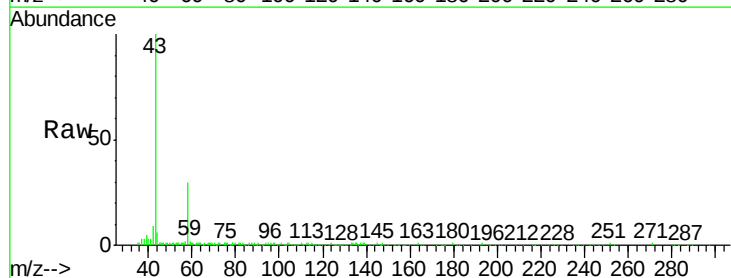
MMDadoda
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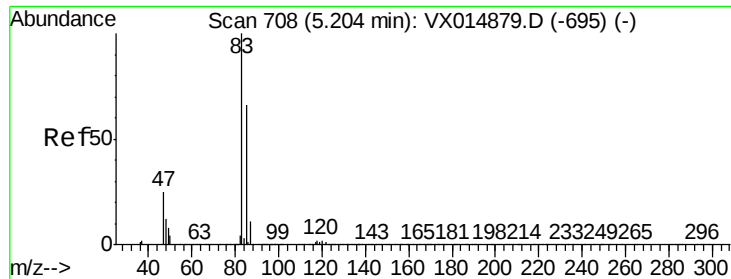


#16

Acetone
 Concen: 3.918 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX015066.D
 Acq: 02 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.1	36.1





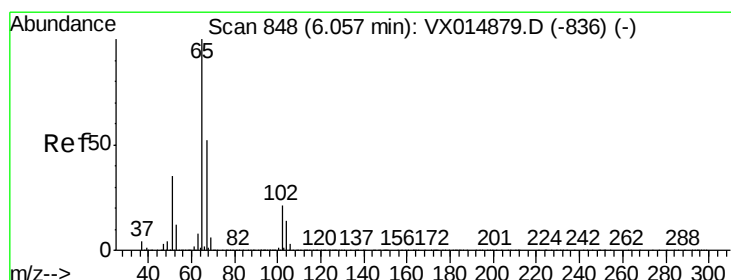
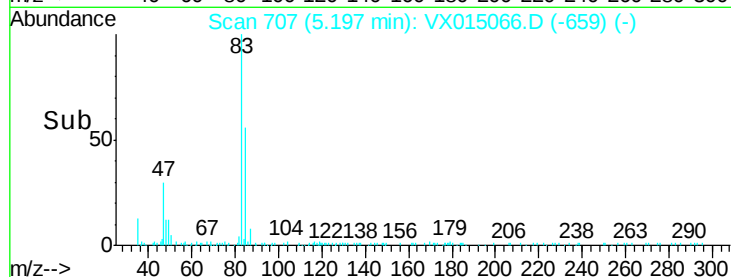
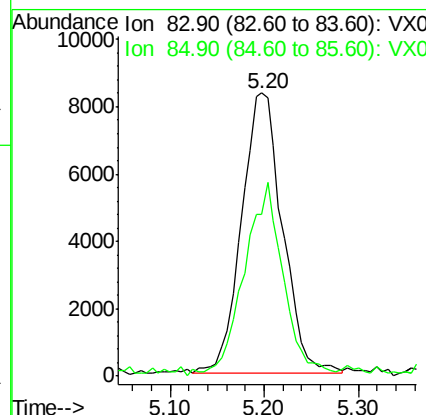
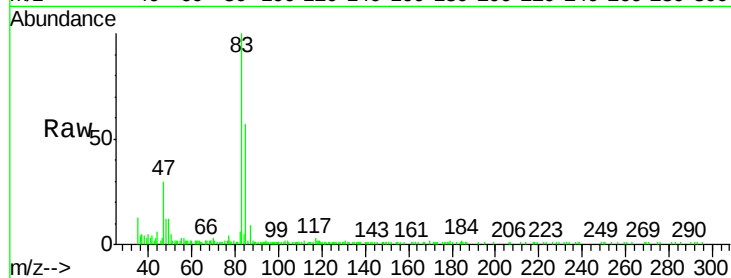
#30
Chloroform
Concen: 3.523 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015066.D
Acq: 02 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
A2828

Tot Ion	83	Resp	25241
Ion Ratio	100	Lower	Upper
85	55.5	52.9	79.3

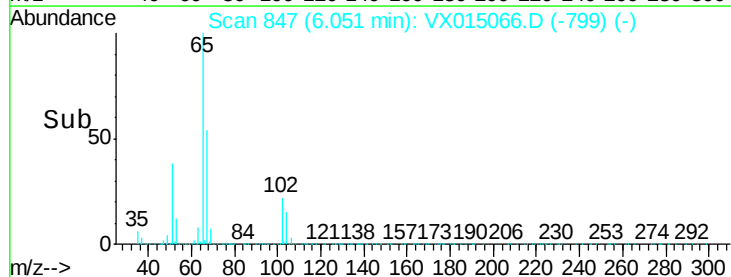
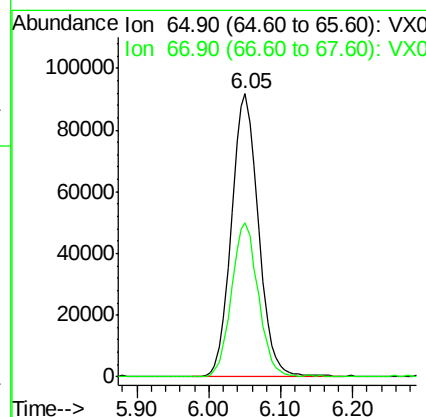
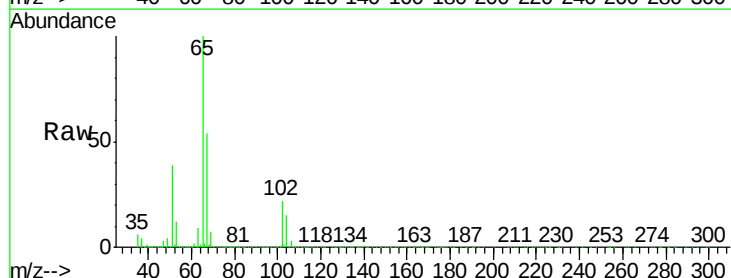
Manual Integrations
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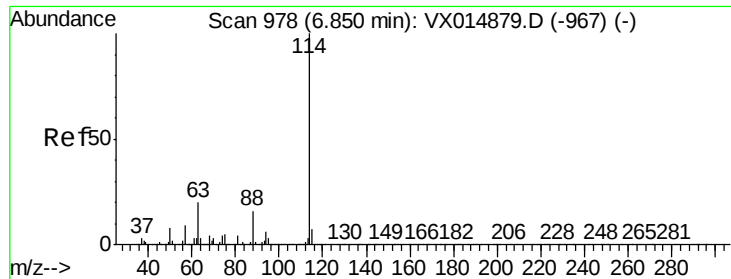
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#33
1,2-Dichloroethane-d4
Concen: 51.353 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX015066.D
Acq: 02 Mar 2020 12:22

Tgt Ion	65	Resp	238918
Ion Ratio	100	Lower	Upper
67	53.7	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015066.D

Acq: 02 Mar 2020 12:22

Instrument :

MSVOA_X

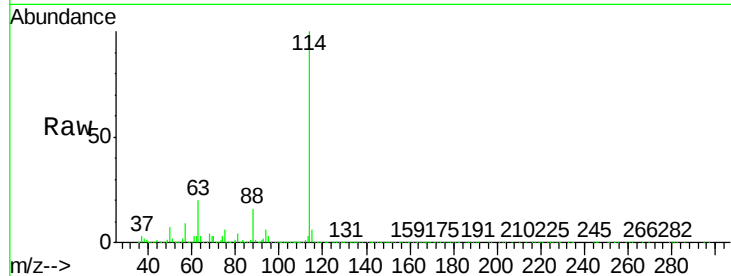
ClientSampleId :

A2828

Tot Ion	Ratio	Resp	Lower	Upper
114	100	659146		
63	20.3	0.0	39.2	
88	15.6	0.0	32.0	

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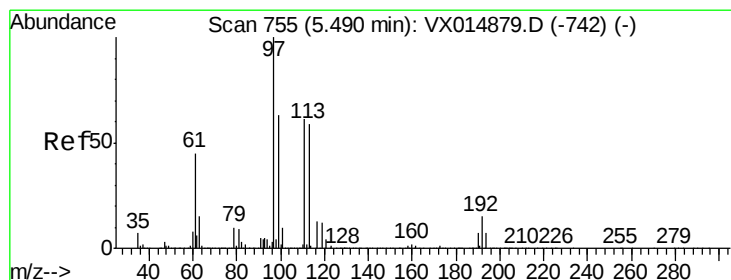
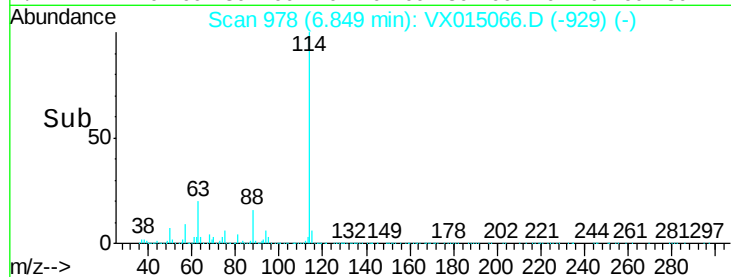
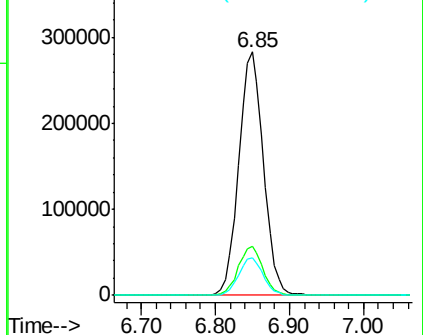
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.771 ug/l

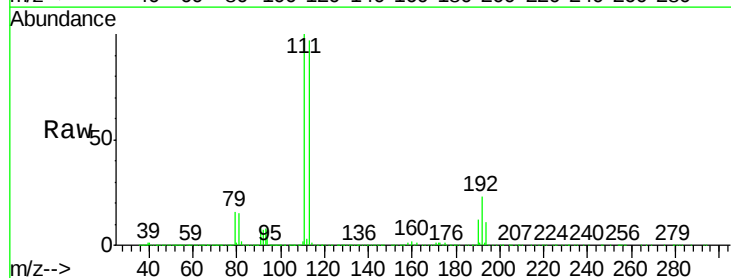
RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015066.D

Acq: 02 Mar 2020 12:22

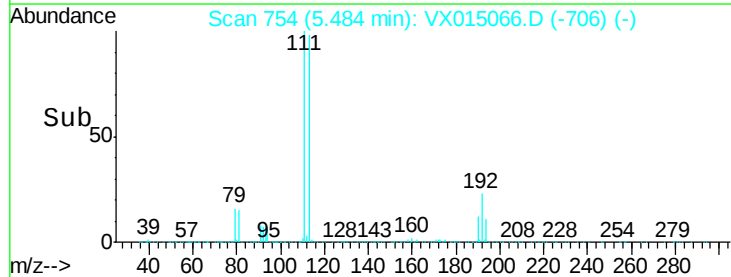
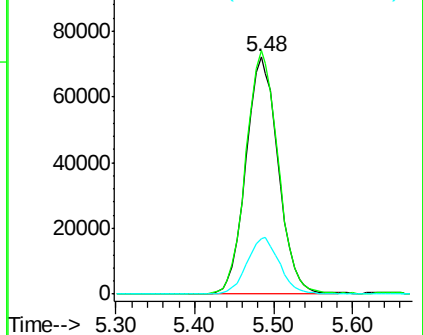
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	205737		
111	102.2	82.4	123.6	
192	23.8	19.1	28.7	

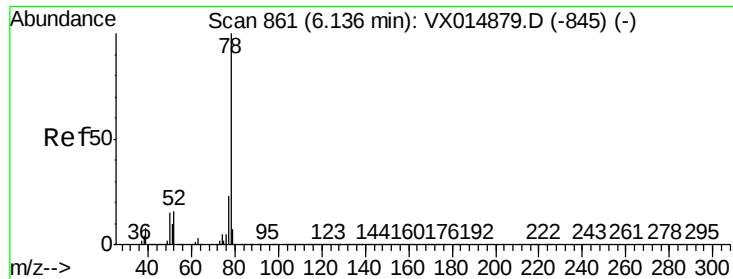


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.378 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX015066.D

Acq: 02 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampled :

A2828

Tot Ion: 78 Resp: 6651

Ion Ratio Lower Upper

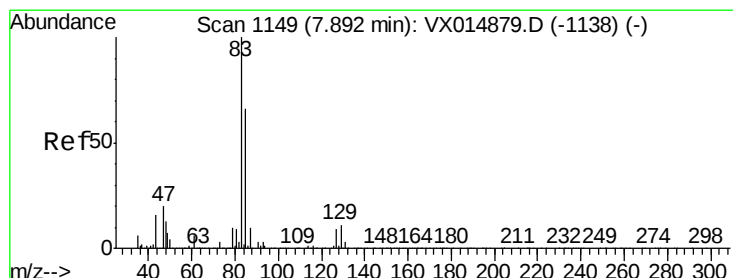
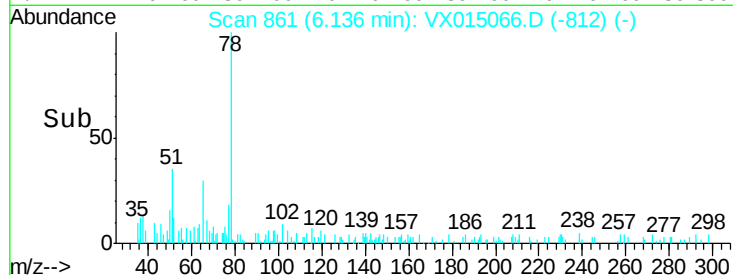
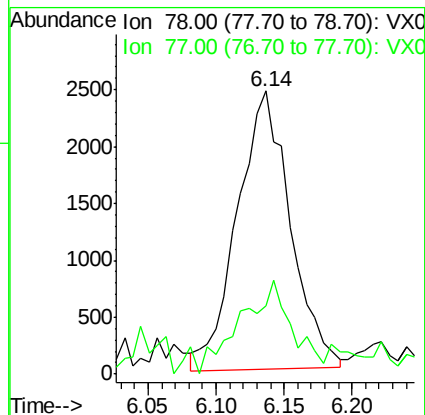
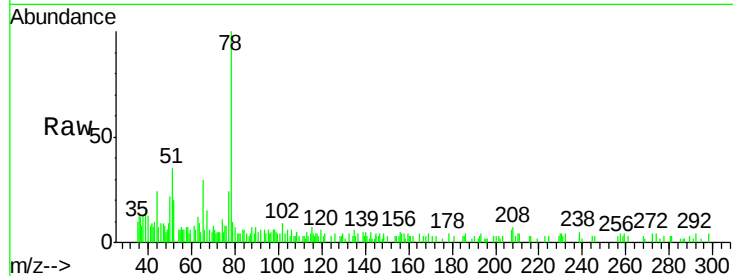
78 100

77 17.3 18.8 28.2#

Manual Integrations
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#47

Bromodichloromethane

Concen: 0.973 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015066.D

Acq: 02 Mar 2020 12:22

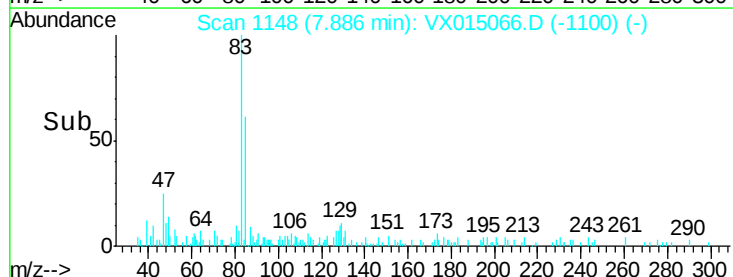
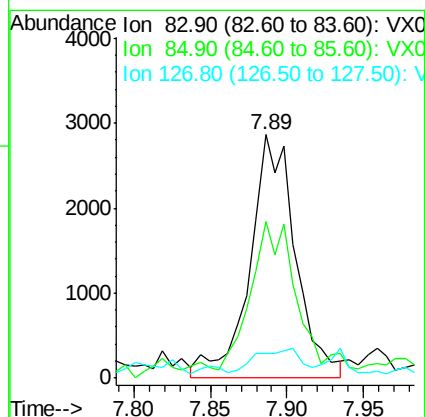
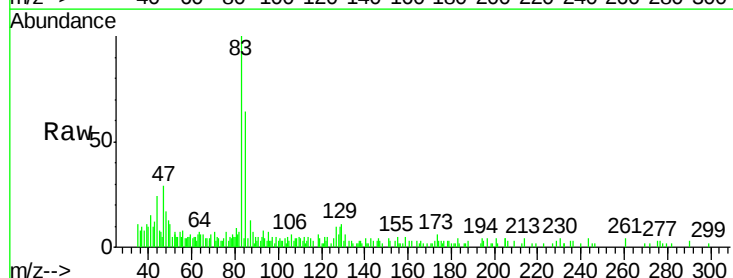
Tgt Ion: 83 Resp: 5925

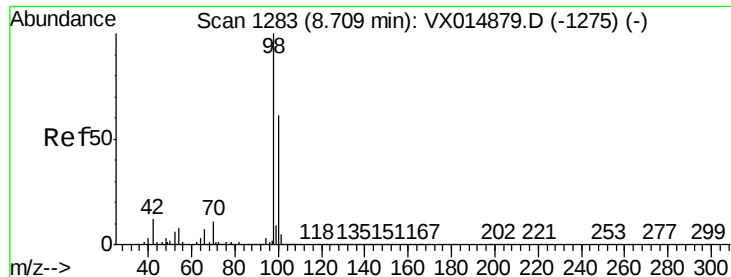
Ion Ratio Lower Upper

83 100

85 62.4 52.5 78.7

127 5.6 7.4 11.0#





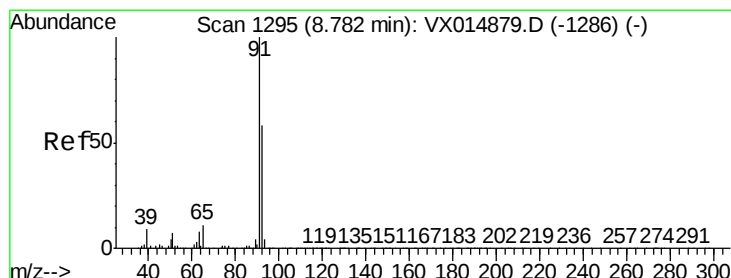
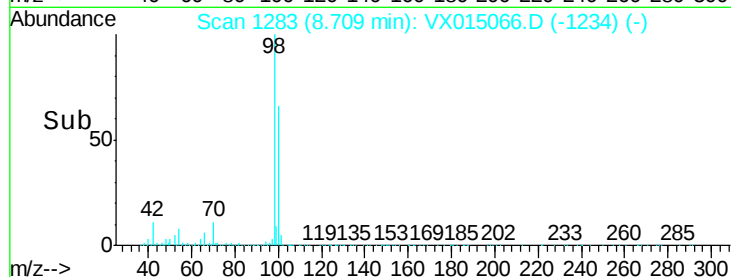
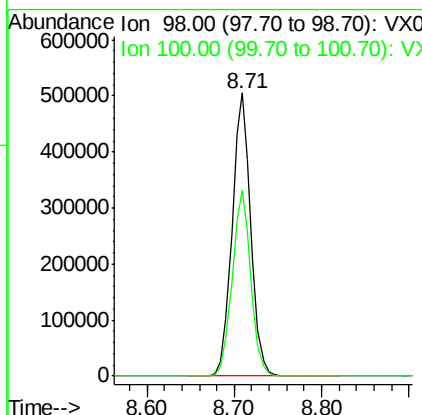
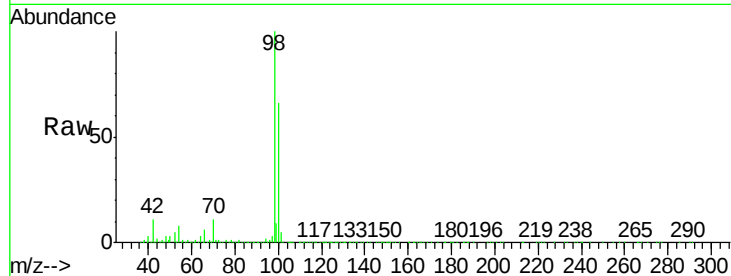
#50
Toluene-d8
Concen: 48.342 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015066.D
Acq: 02 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampled :
A2828

Tot Ion: 98 Resp: 747742
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

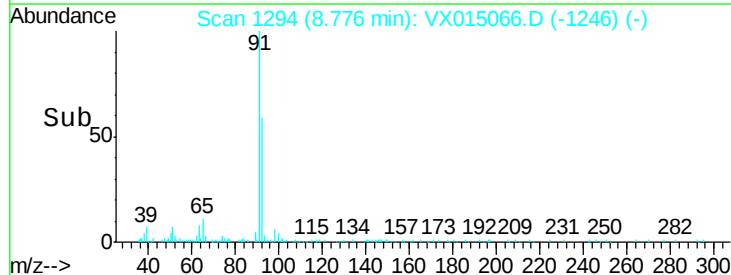
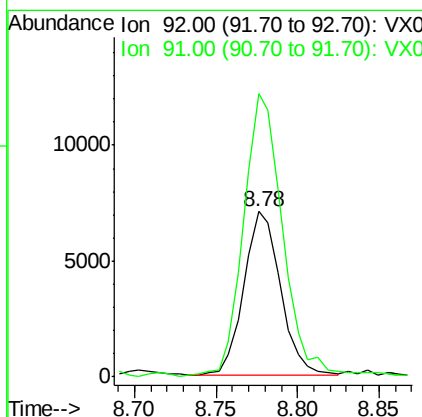
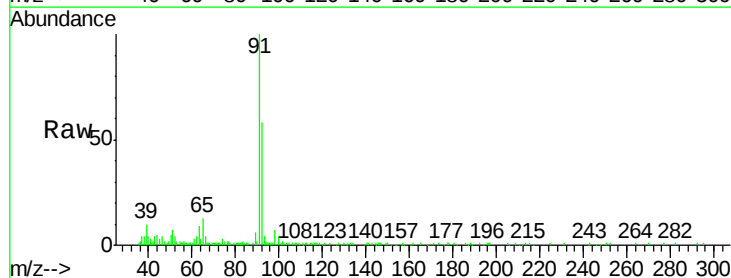
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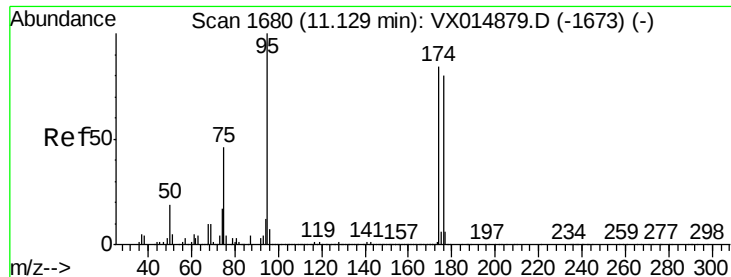
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#52
Toluene
Concen: 0.992 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX015066.D
Acq: 02 Mar 2020 12:22

Tgt Ion: 92 Resp: 11105
Ion Ratio Lower Upper
92 100
91 184.8 137.0 205.4





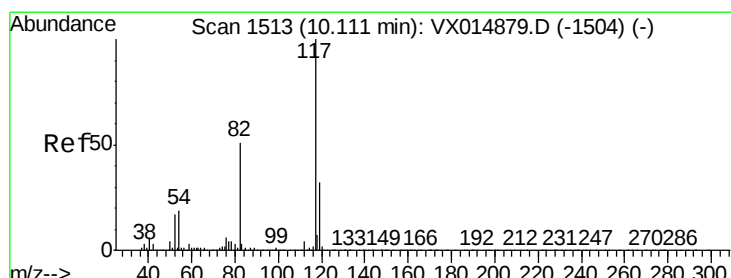
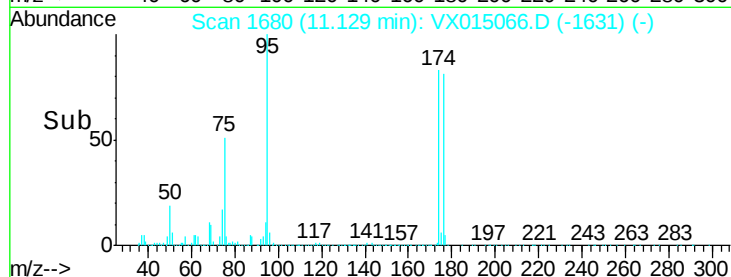
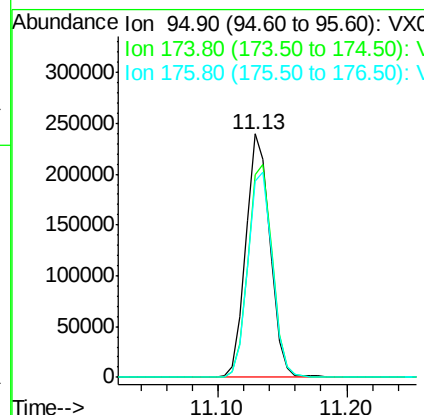
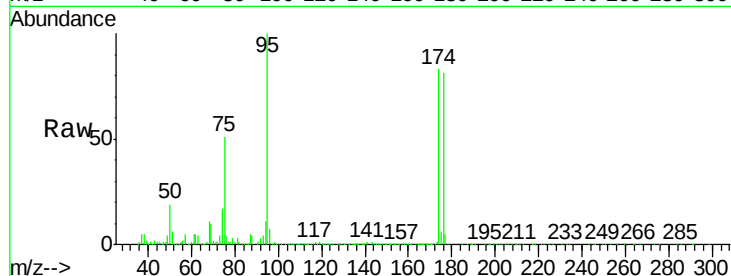
#62
4-Bromofluorobenzene
Concen: 55.338 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015066.D
Acq: 02 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
A2828

Tot Ion	Ratio	Resp	Lower	Upper
95	100	308343		
174	88.0	0.0	183.0	
176	85.6	0.0	178.0	

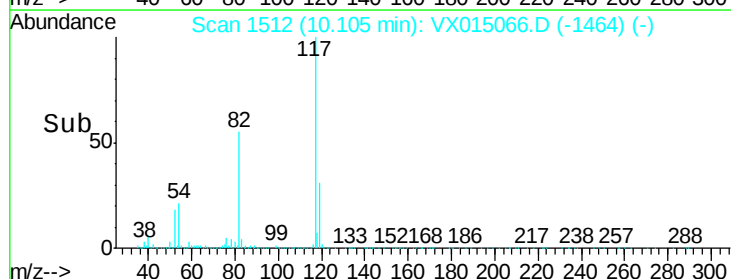
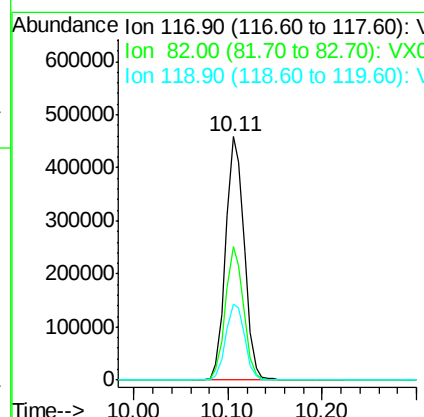
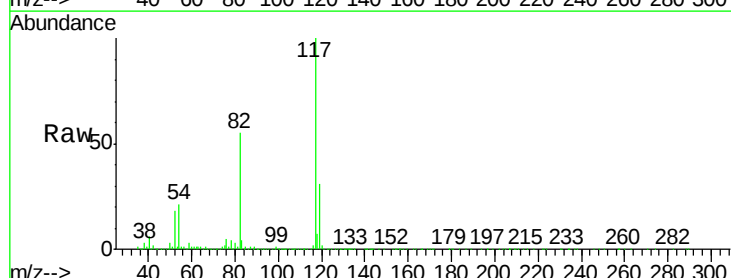
Manual Integrations
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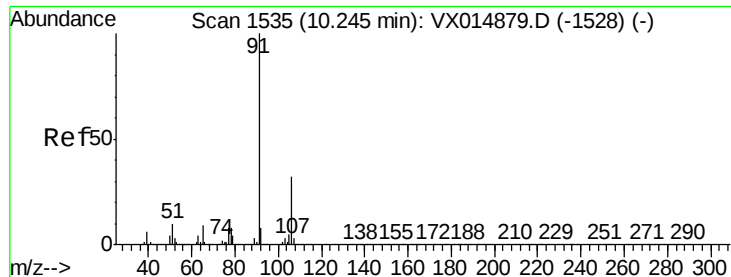
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3/3/2020 9:51:35 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015066.D
Acq: 02 Mar 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	624422		
82	55.0	40.5	60.7	
119	31.4	25.8	38.6	





#67

Ethyl Benzene

Concen: 1.015 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015066.D

Acq: 02 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampled :

A2828

Tot Ion: 91 Resp: 21854

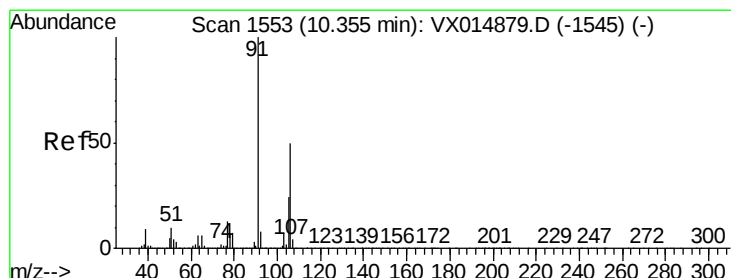
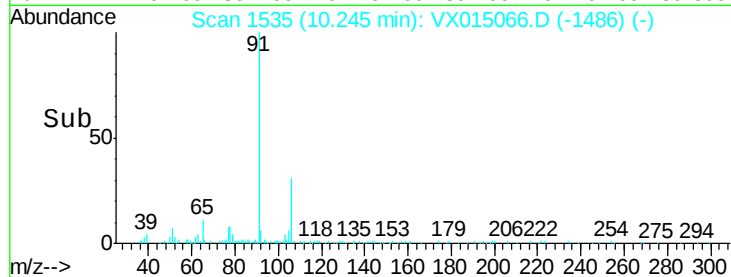
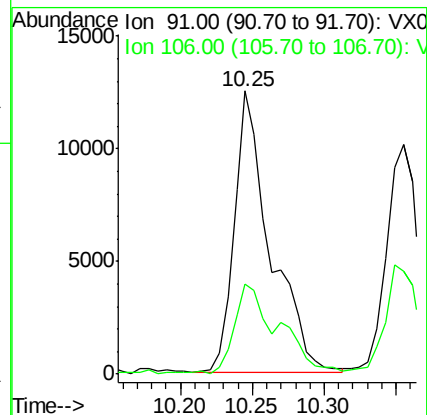
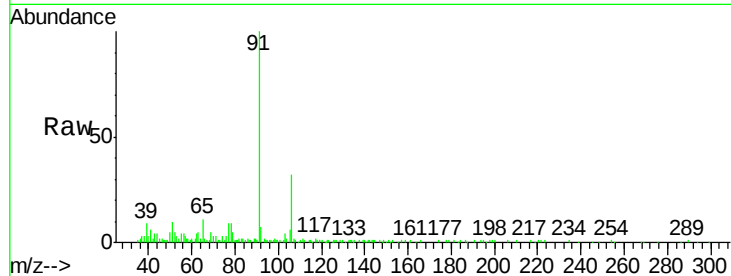
Ion Ratio Lower Upper

91 100

106 31.3 25.3 37.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 0.845 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VX015066.D

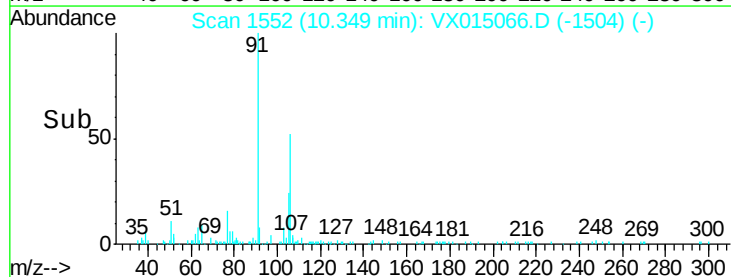
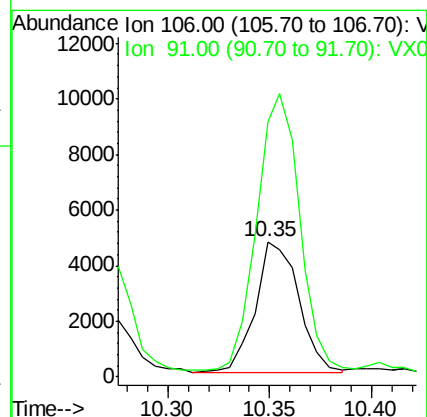
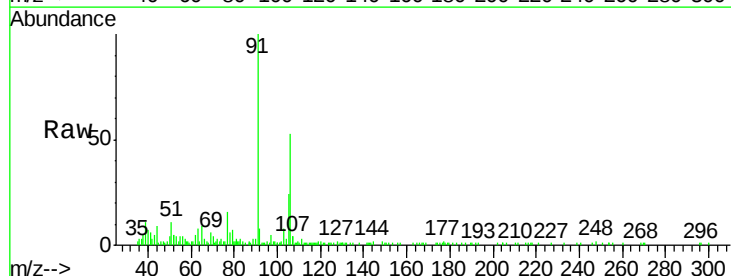
Acq: 02 Mar 2020 12:22

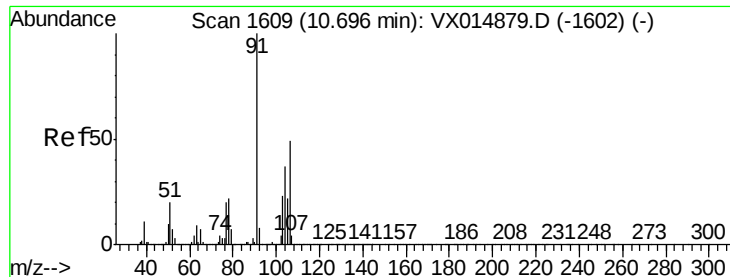
Tgt Ion: 106 Resp: 7014

Ion Ratio Lower Upper

106 100

91 206.9 160.6 240.8





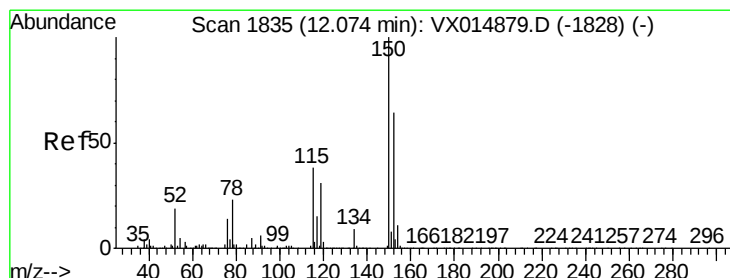
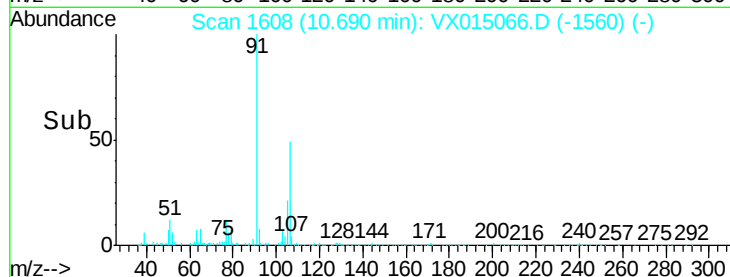
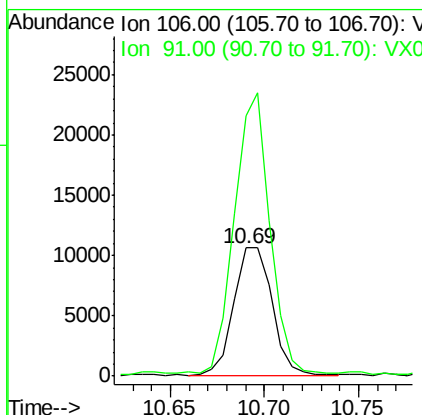
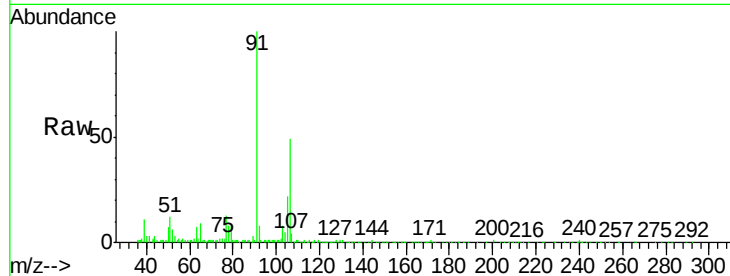
#69
o-Xylene
Concen: 1.876 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015066.D
Acq: 02 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampled :
A2828

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.0	105.1	315.3

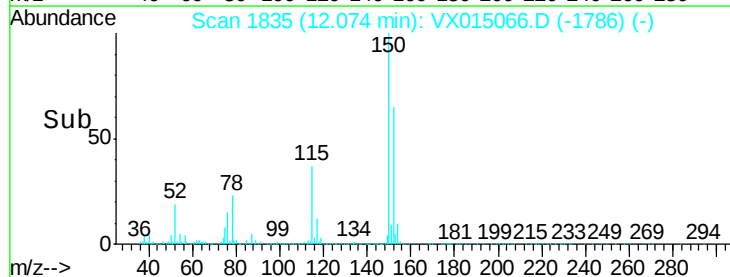
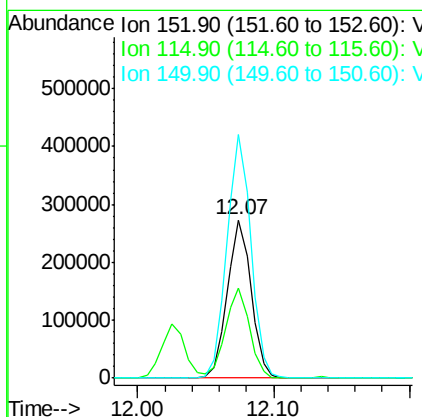
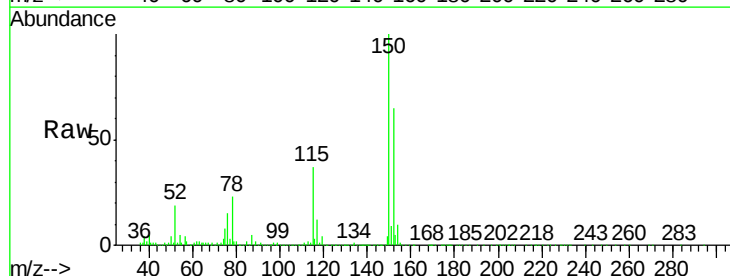
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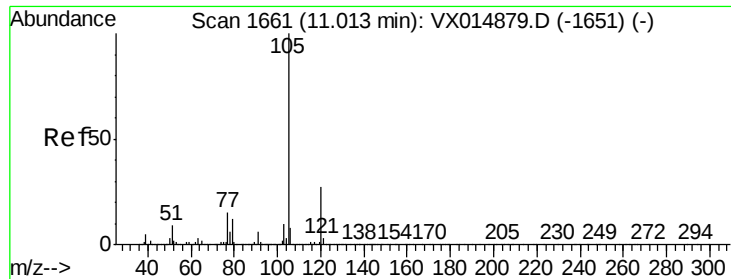
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015066.D
Acq: 02 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	38.6	116.0
150	156.2	0.0	349.0





#73

Isopropylbenzene

Concen: 0.568 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.01 min

Lab File: VX015066.D

Acq: 02 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

A2828

Tot Ion: 105 Resp: 11758

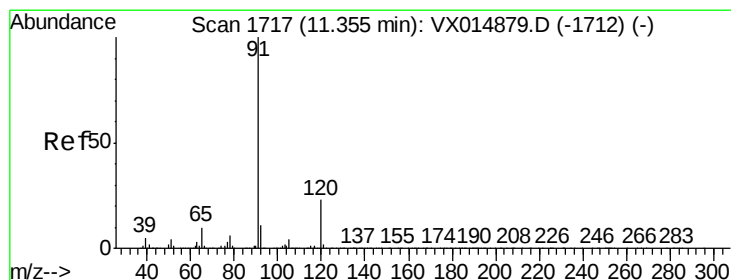
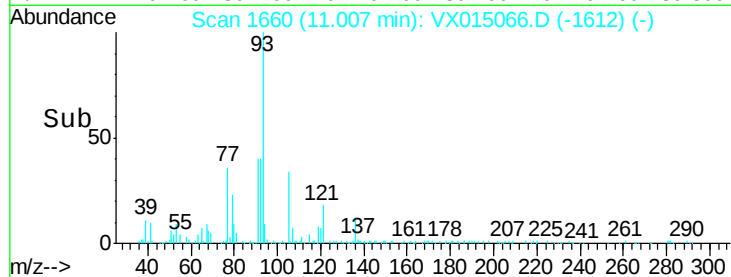
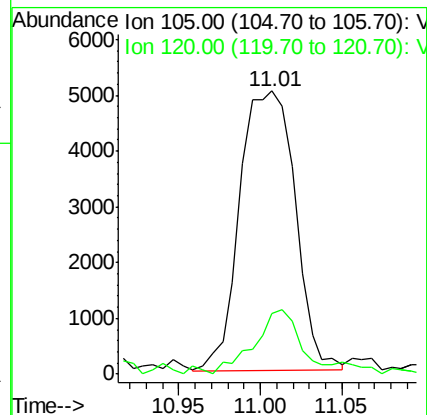
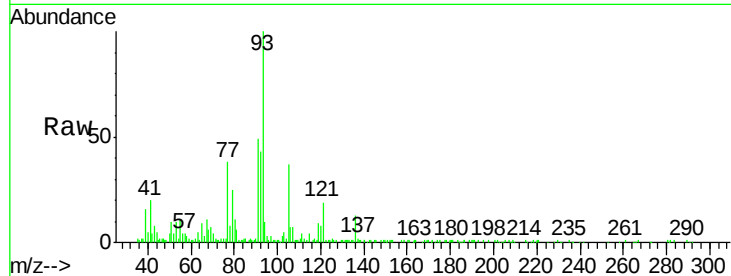
Ion Ratio Lower Upper

105 100

120 19.8 13.6 40.8

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#78

n-propylbenzene

Concen: 0.701 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015066.D

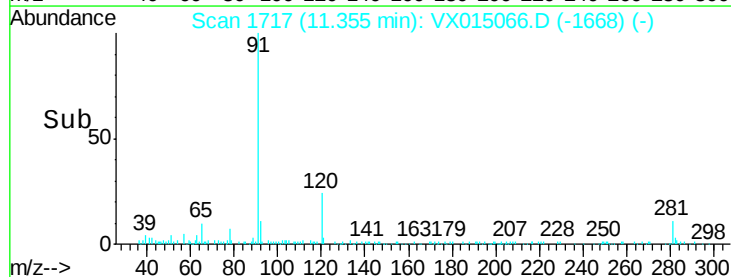
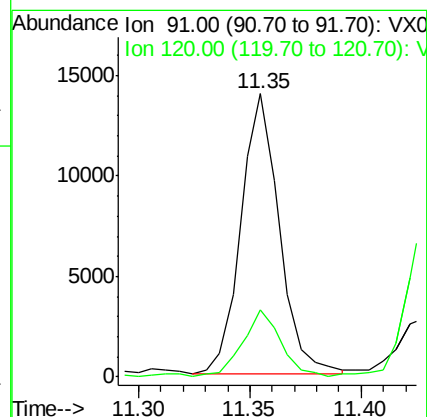
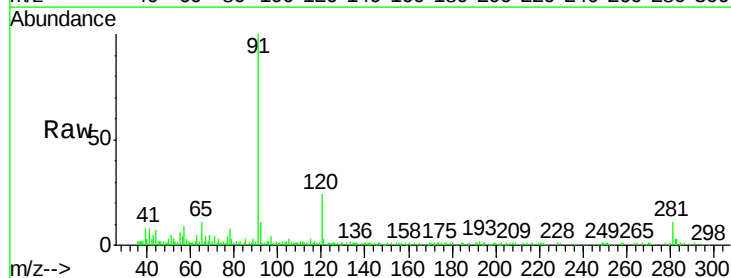
Acq: 02 Mar 2020 12:22

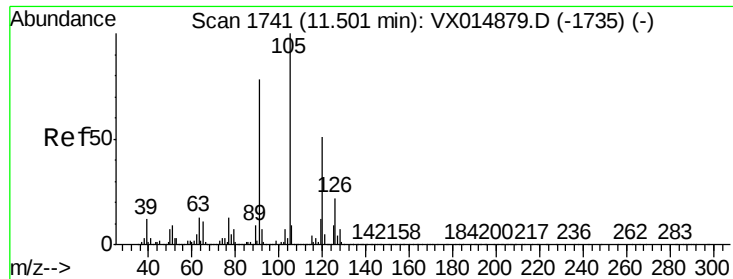
Tgt Ion: 91 Resp: 16782

Ion Ratio Lower Upper

91 100

120 24.0 11.8 35.4





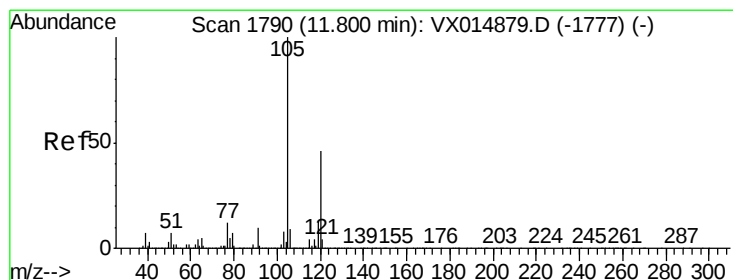
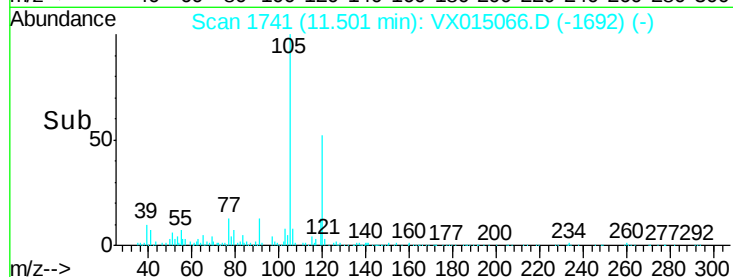
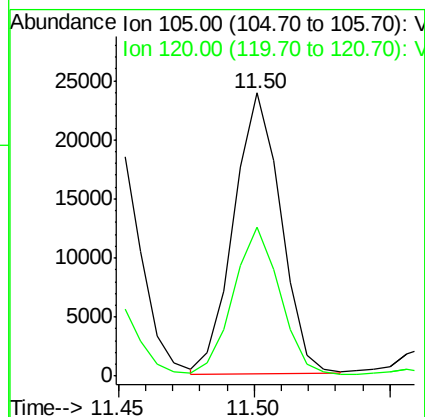
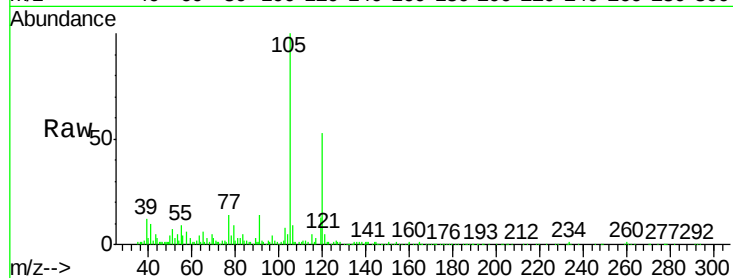
#80
 1,3,5-Trimethylbenzene
 Concen: 1.652 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015066.D
 Acq: 02 Mar 2020 12:22

Instrument :
 MSVOA_X
 ClientSampled :
 A2828

Tot Ion	Ratio	Lower	Upper
105	100		
120	52.5	25.6	76.6

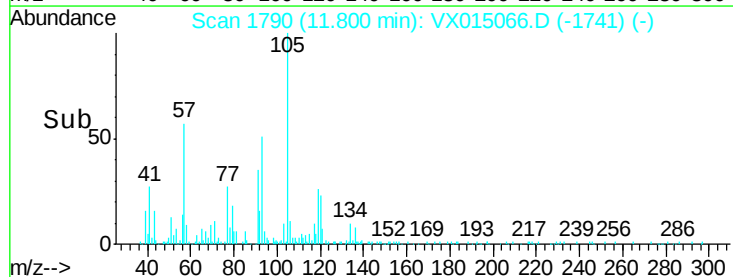
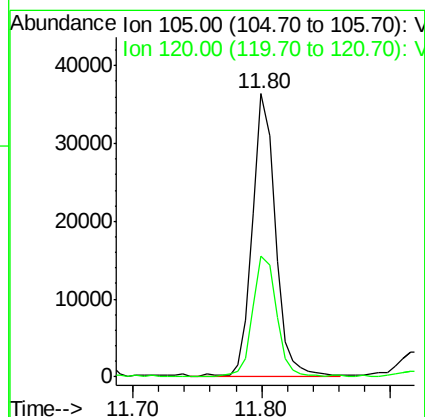
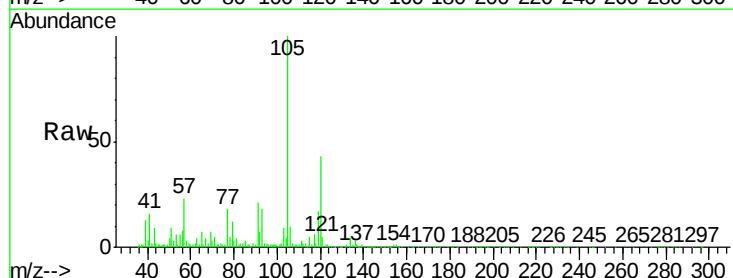
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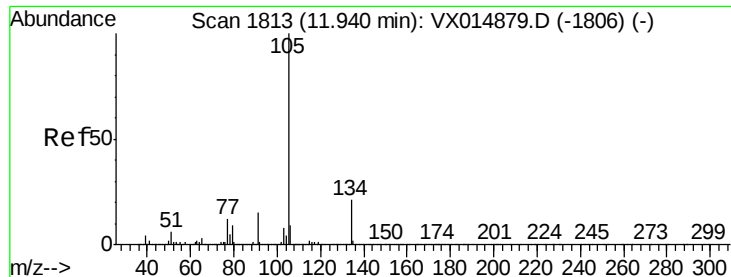
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#84
 1,2,4-Trimethylbenzene
 Concen: 2.558 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015066.D
 Acq: 02 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	23.0	69.0





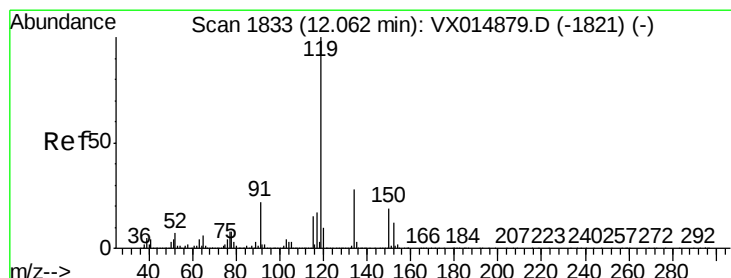
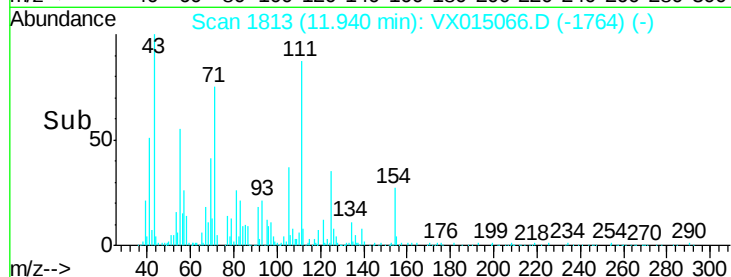
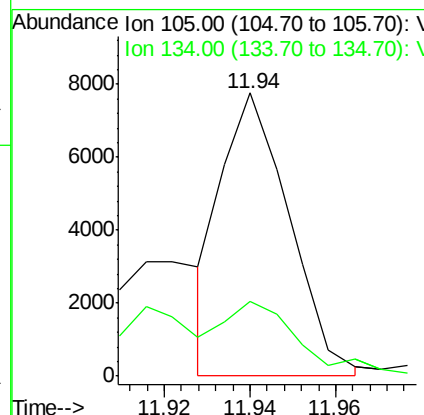
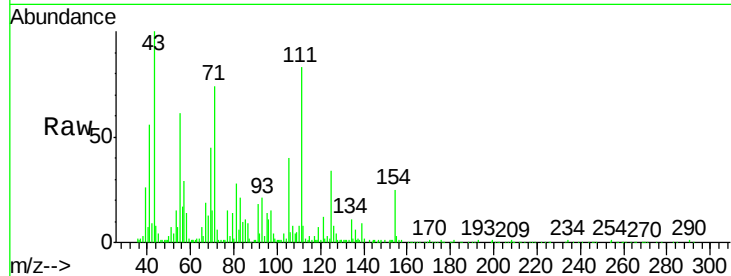
#85
 sec-Butylbenzene
 Concen: 0.418 ug/l m
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015066.D
 Acq: 02 Mar 2020 12:22

Instrument :
 MSVOA_X
 ClientSampled :
 A2828

Tot Ion:105 Resp: 8496
 Ion Ratio Lower Upper
 105 100
 134 957.5 10.6 31.8#

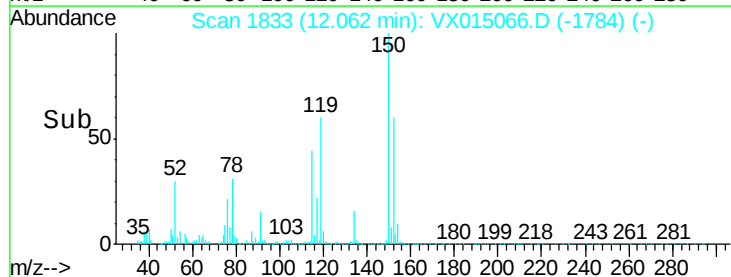
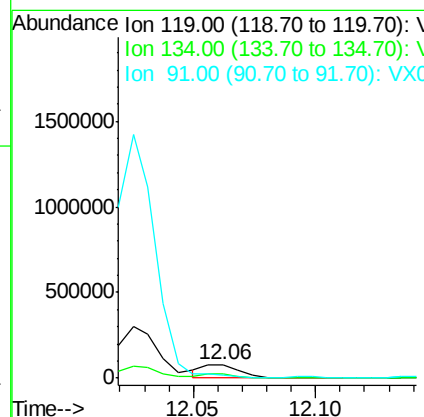
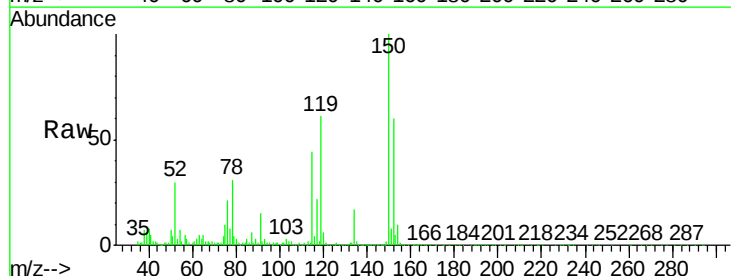
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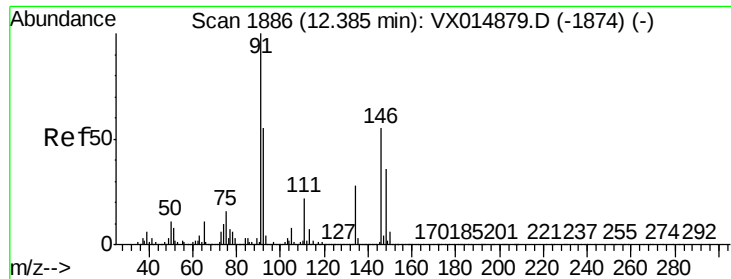
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#86
 p-Isopropyltoluene
 Concen: 4.350 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015066.D
 Acq: 02 Mar 2020 12:22

Tgt Ion:119 Resp: 82760
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.5 40.5
 91 0.0 11.4 34.1#





#89
 n-Butylbenzene
 Concen: 1.362 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: VX015066.D
 Acq: 02 Mar 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 A2828

Tot Ion	Ratio	Lower	Upper
91	100		
92	40.6	27.3	81.8
134	81.7	13.8	41.4

Manual Integrations
 APPROVED

MMDadoda
 3/3/2020 9:51:35 AM

