

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042020\
 Data File : VX015762.D
 Acq On : 20 Apr 2020 13:56
 Operator : JC/SP
 Sample : L2305-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I-OC-1DL

Manual Integrations
 APPROVED

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 4/21/2020 12:15:54 PM

Quant Time: Apr 20 15:48:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	964843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1474184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1455998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	832085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	551731	40.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.08%	
35) Dibromofluoromethane	5.47	113	451117	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
50) Toluene-d8	8.70	98	1787825	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.12	95	756499	53.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.30%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.49	142	18324	1.564	ug/l #	95
16) Acetone	2.42	43	153284	26.219	ug/l	100
17) Carbon Disulfide	2.53	76	30657048m	1103.247	ug/l	
25) 2-Butanone	4.65	43	29312	3.118	ug/l	92
40) Benzene	6.12	78	319300	8.025	ug/l	98
52) Toluene	8.77	92	98784	4.027	ug/l	100
67) Ethyl Benzene	10.24	91	68991	1.340	ug/l	93
68) m/p-Xylenes	10.34	106	111942	5.837	ug/l	100
69) o-Xylene	10.68	106	44964	2.373	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	17229	0.370	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	55713	1.174	ug/l	100
86) p-Isopropyltoluene	12.05	119	17714	0.363	ug/l	87
89) n-Butylbenzene	12.37	91	10278	0.233	ug/l	92
95) Naphthalene	13.82	128	4077056	66.323	ug/l	100

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

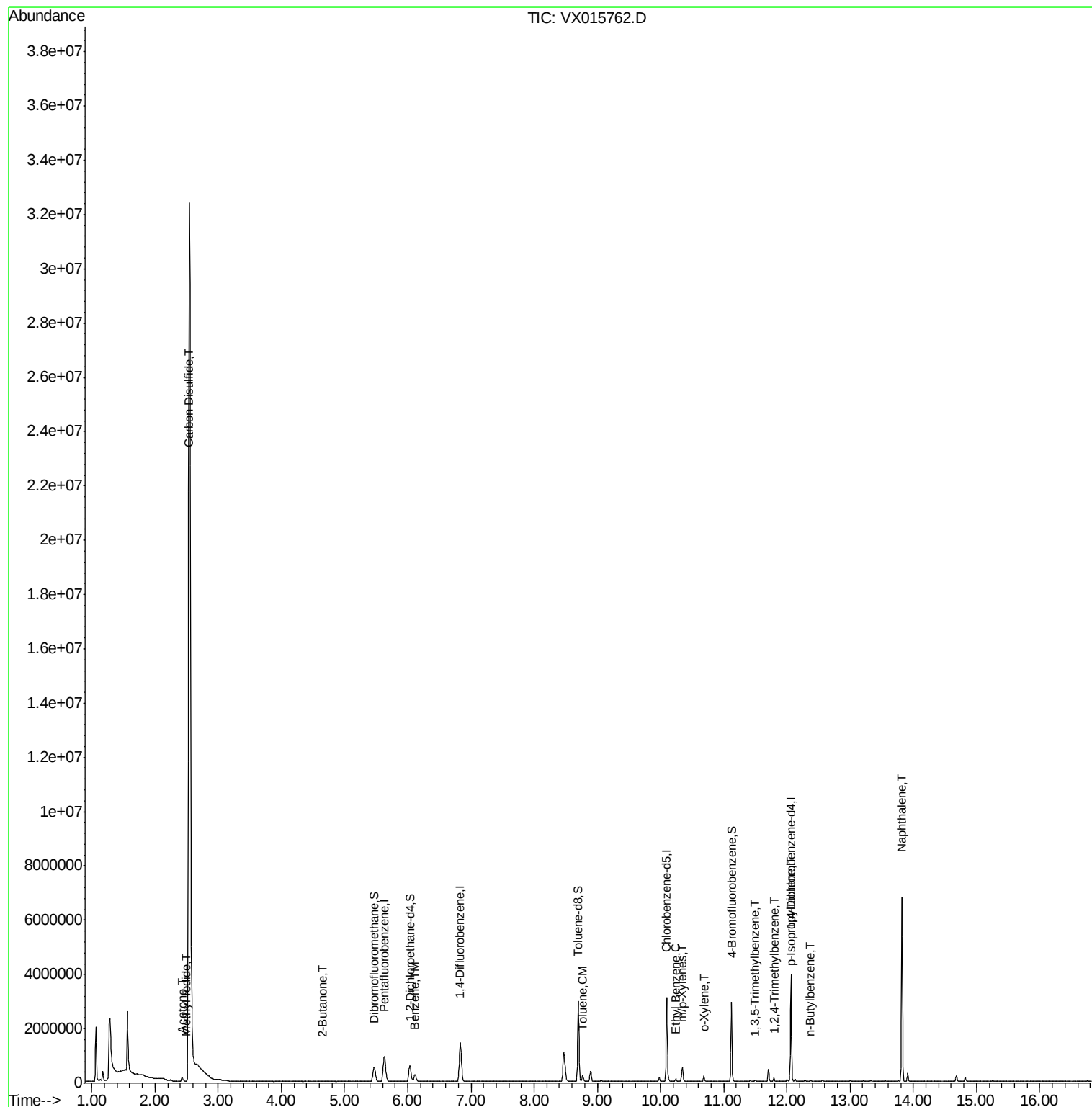
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042020\
Data File : VX015762.D
Acq On : 20 Apr 2020 13:56
Operator : JC/SP
Sample : L2305-01DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

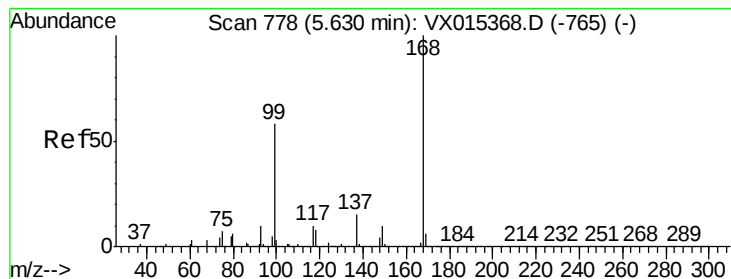
Instrument :
MSVOA_X
ClientSampleId :
I-OC-1DL

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Quant Time: Apr 20 15:48:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015762.D

Acq: 20 Apr 2020 13:56

Instrument :

MSVOA_X

ClientSampleId :

I-OC-1DL

Tot Ion:168 Resp: 964843

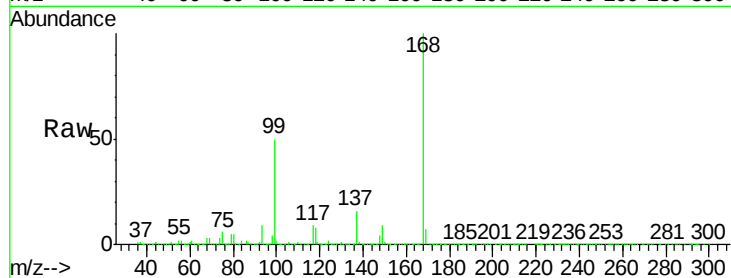
Ion Ratio Lower Upper

168 100

99 49.7 46.4 69.6

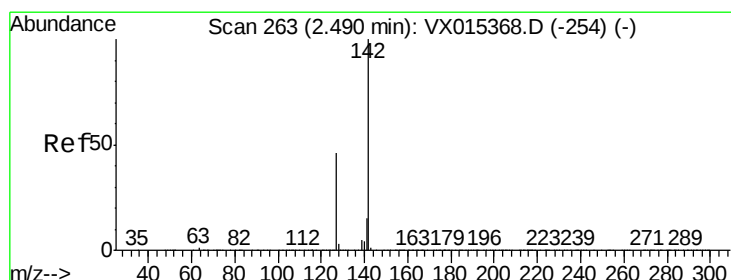
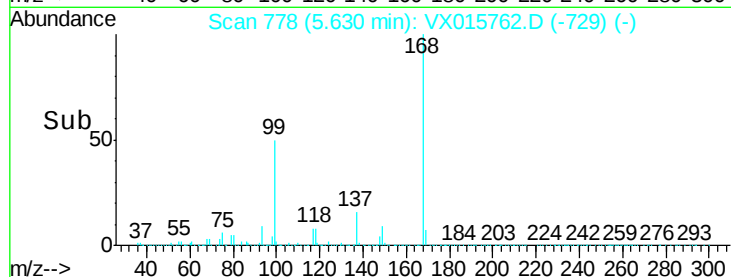
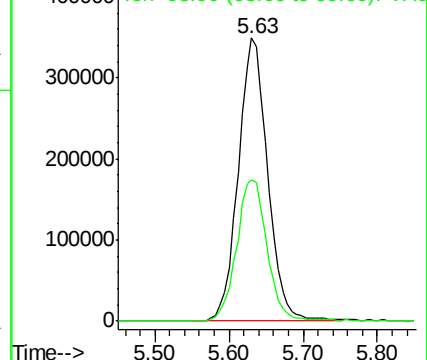
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 1.564 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015762.D

Acq: 20 Apr 2020 13:56

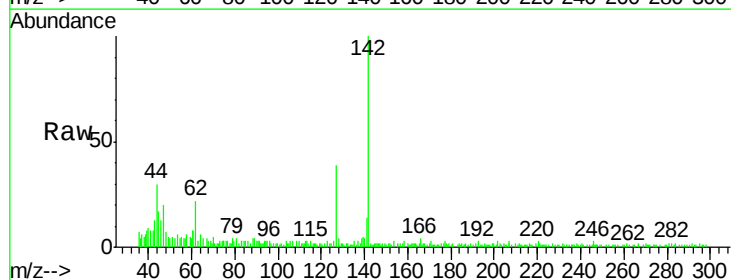
Tgt Ion:142 Resp: 18324

Ion Ratio Lower Upper

142 100

127 46.7 35.9 53.9

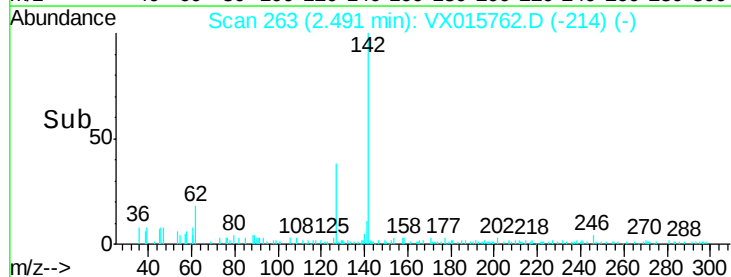
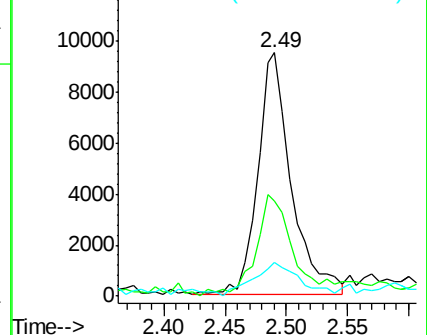
141 18.8 11.6 17.4#

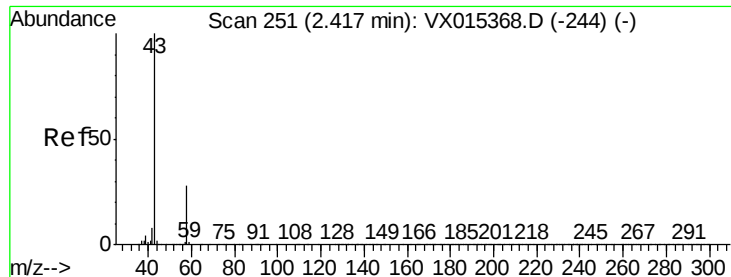


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 26.219 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015762.D

Acq: 20 Apr 2020 13:56

Instrument :

MSVOA_X

ClientSampleId :

I-OC-1DL

Tot Ion: 43 Resp: 153284

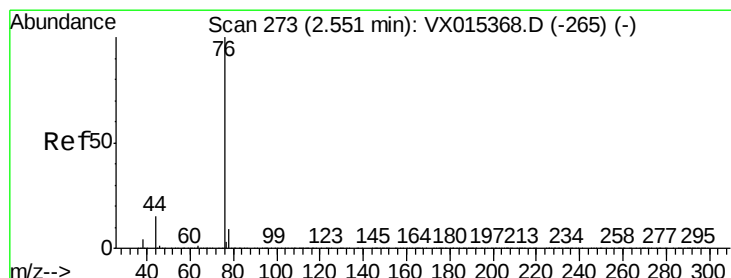
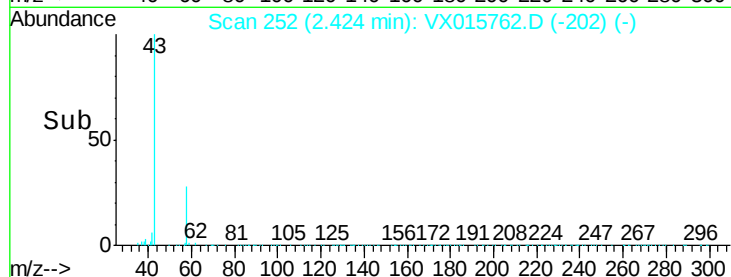
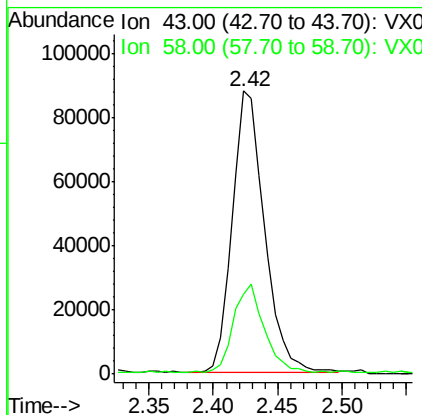
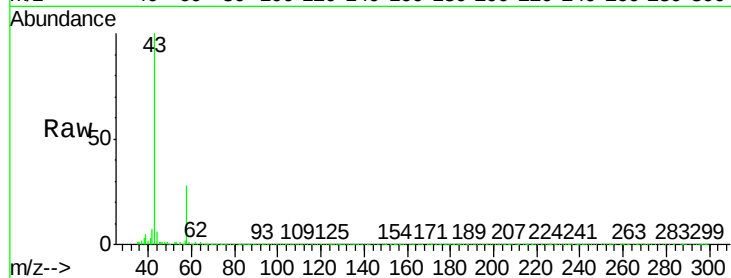
Ion Ratio Lower Upper

43 100

58 27.7 22.1 33.1

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#17

Carbon Disulfide

Concen: 1103.247 ug/l m

RT: 2.53 min Scan# 269

Delta R.T. -0.02 min

Lab File: VX015762.D

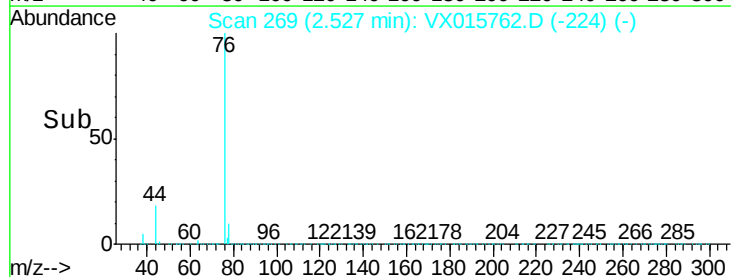
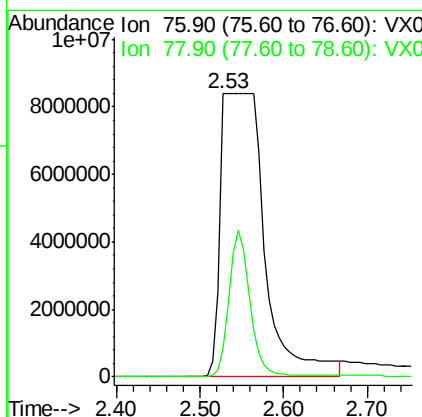
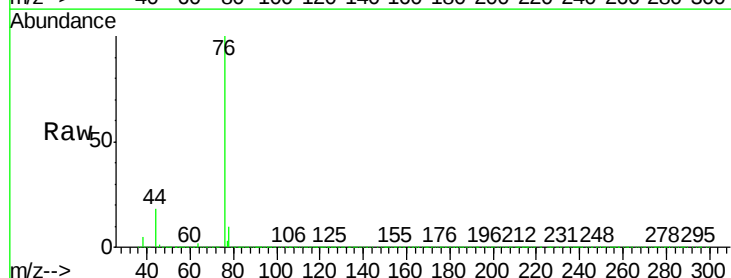
Acq: 20 Apr 2020 13:56

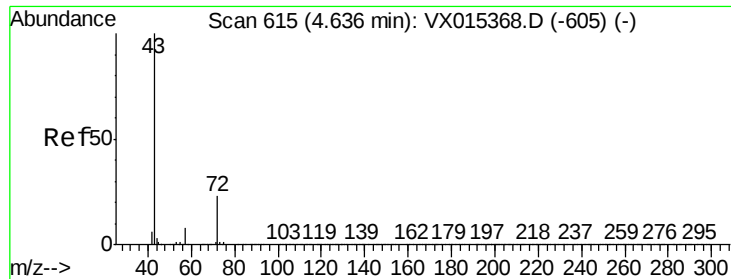
Tgt Ion: 76 Resp: 30657048

Ion Ratio Lower Upper

76 100

78 9.9 7.1 10.7





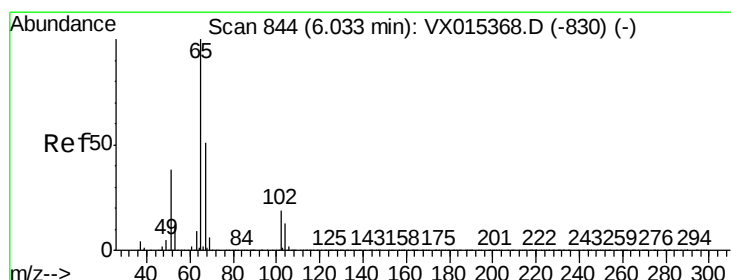
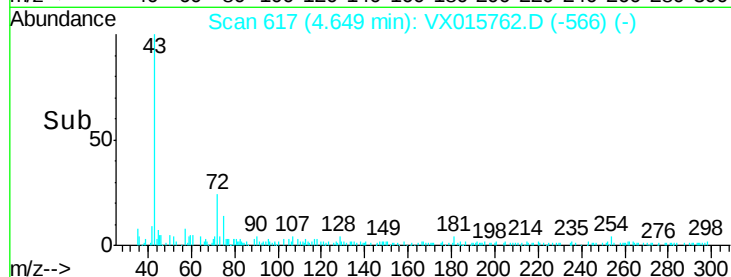
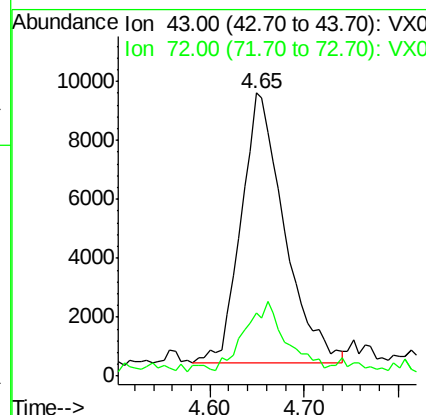
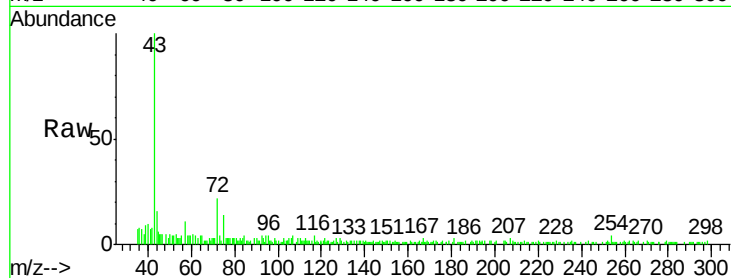
#25
2-Butanone
Concen: 3.118 ug/l
RT: 4.65 min Scan# 617
Delta R.T. 0.01 min
Lab File: VX015762.D
Acq: 20 Apr 2020 13:56

Instrument :
MSVOA_X
ClientSampled :
I-OC-1DL

Tot Ion: 43 Resp: 29312
Ion Ratio Lower Upper
43 100
72 19.7 19.0 28.4

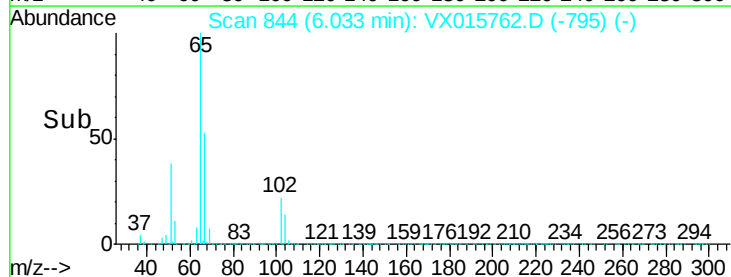
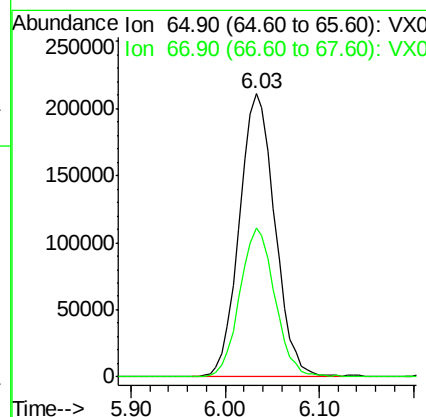
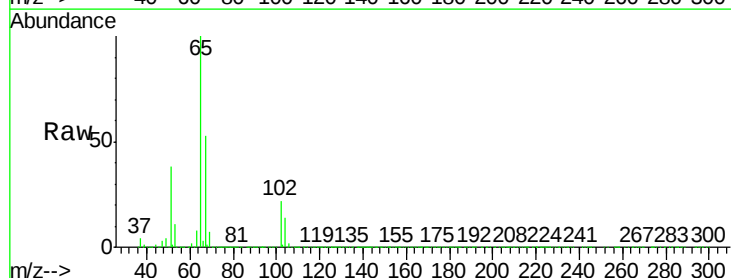
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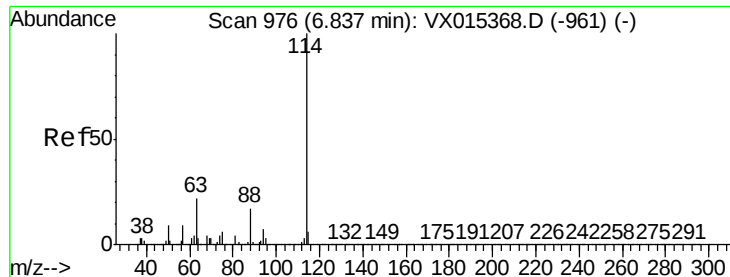
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#33
1,2-Dichloroethane-d4
Concen: 40.544 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015762.D
Acq: 20 Apr 2020 13:56

Tgt Ion: 65 Resp: 551731
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015762.D

Acq: 20 Apr 2020 13:56

Instrument :

MSVOA_X

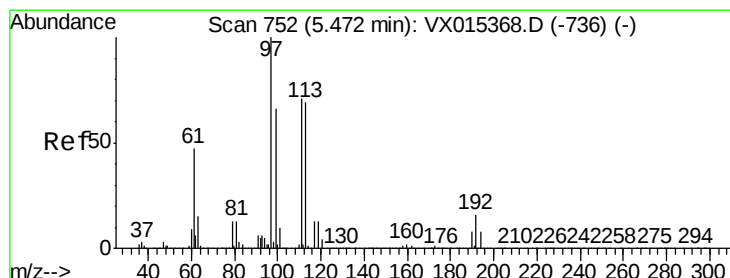
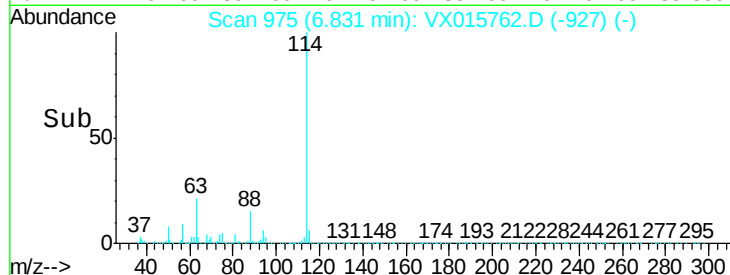
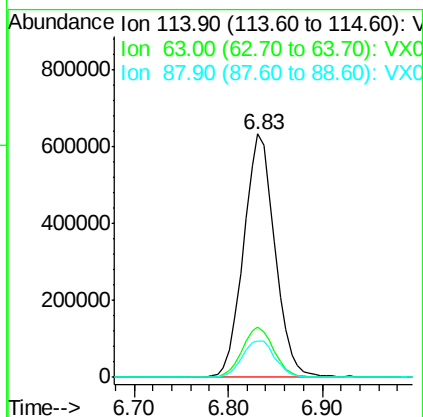
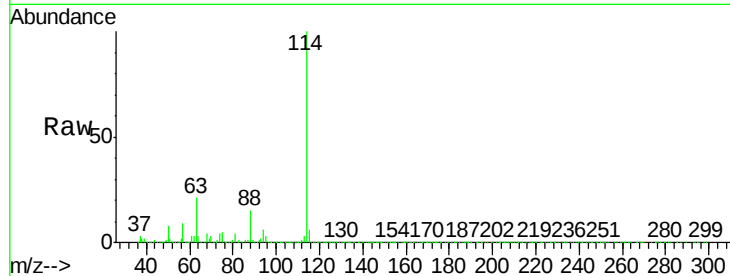
ClientSampleId :

I-OC-1DL

Tot Ion:	114	Resp:	1474184
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	44.2
88	15.0	0.0	33.8

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#35

Dibromofluoromethane

Concen: 47.872 ug/l

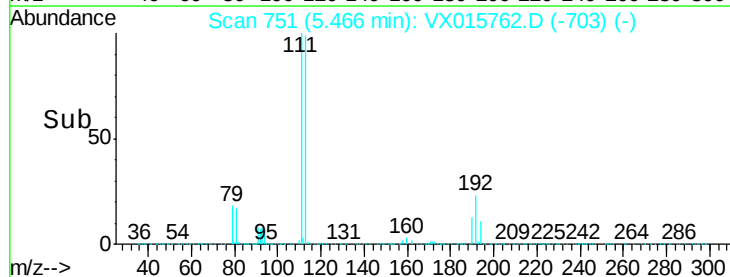
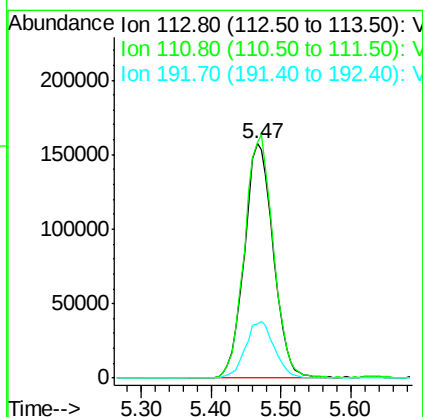
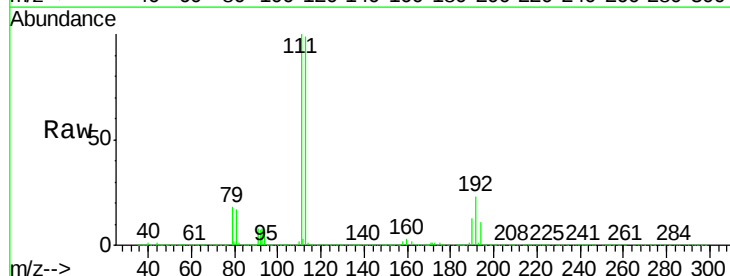
RT: 5.47 min Scan# 751

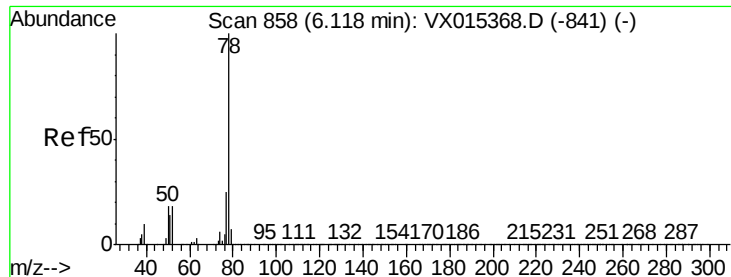
Delta R.T. -0.01 min

Lab File: VX015762.D

Acq: 20 Apr 2020 13:56

Tgt Ion:	113	Resp:	451117
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.5	122.3
192	24.2	17.8	26.6





#40

Benzene

Concen: 8.025 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015762.D

Acq: 20 Apr 2020 13:56

Instrument :

MSVOA_X

ClientSampled :

I-OC-1DL

Tot Ion: 78 Resp: 319300

Ion Ratio Lower Upper

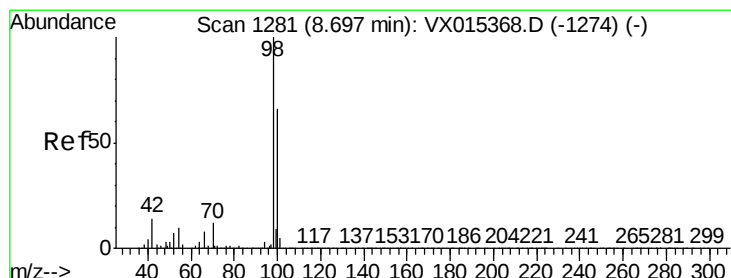
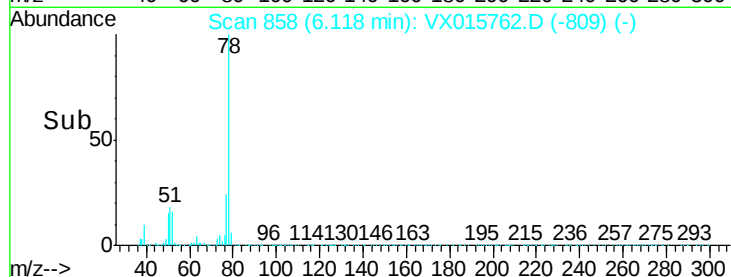
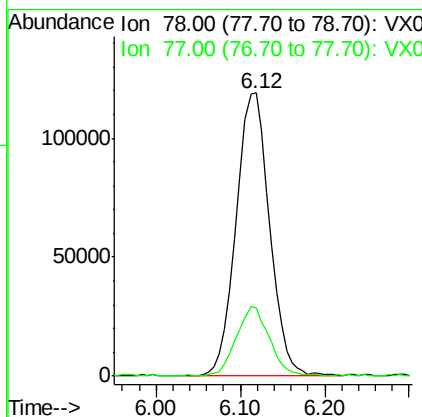
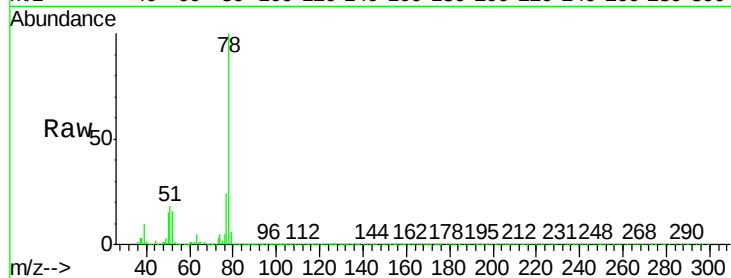
78 100

77 23.9 19.8 29.8

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#50

Toluene-d8

Concen: 51.531 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015762.D

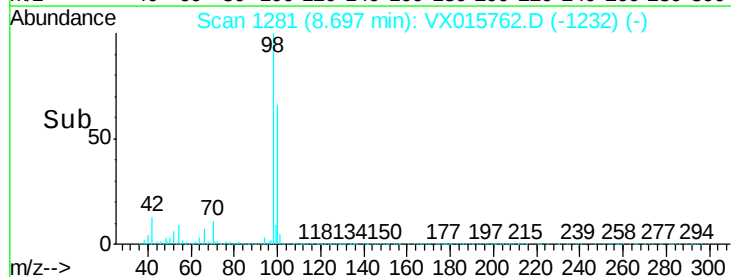
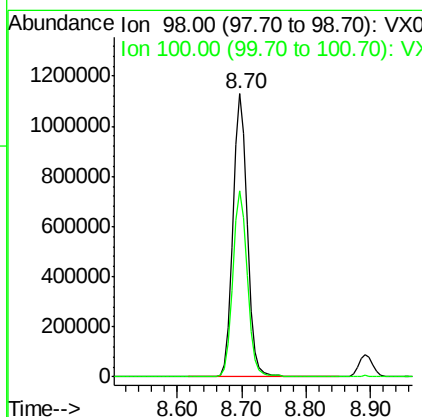
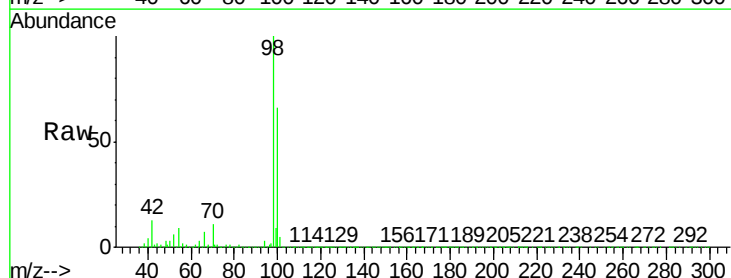
Acq: 20 Apr 2020 13:56

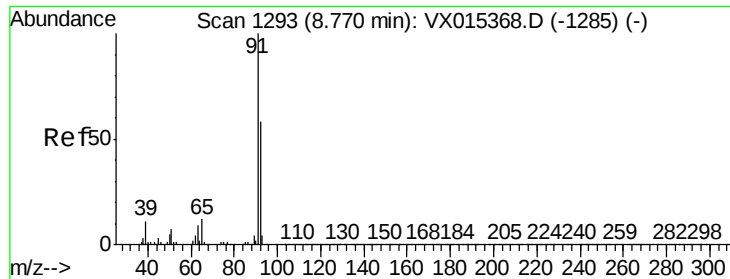
Tgt Ion: 98 Resp: 1787825

Ion Ratio Lower Upper

98 100

100 66.3 53.5 80.3





#52

Toluene

Concen: 4.027 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015762.D

Acq: 20 Apr 2020 13:56

Instrument :

MSVOA_X

ClientSampleId :

I-OC-1DL

Tot Ion: 92 Resp: 98784

Ion Ratio Lower Upper

92 100

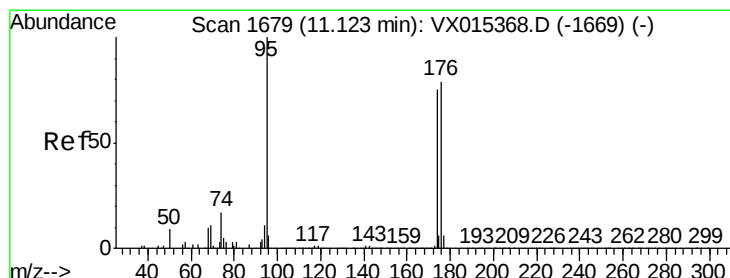
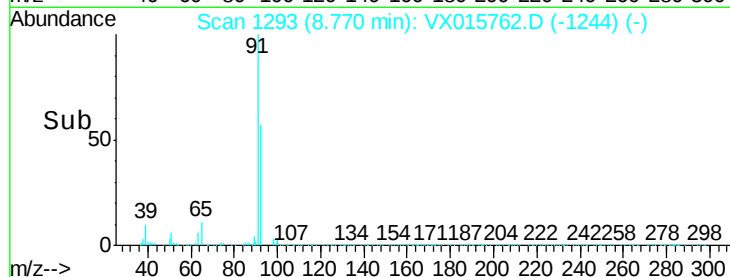
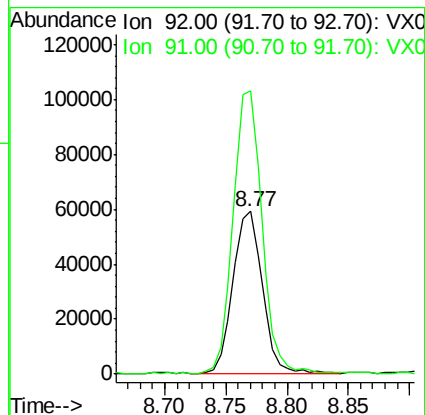
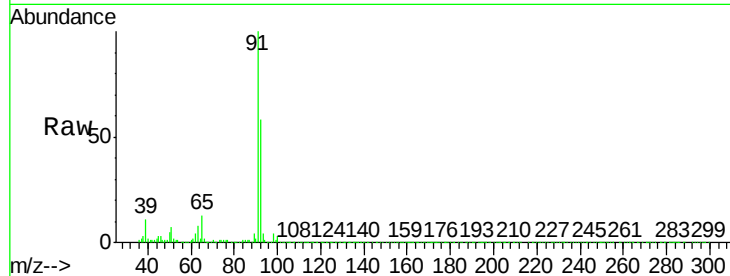
91 170.6 136.6 205.0

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#62

4-Bromofluorobenzene

Concen: 53.653 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015762.D

Acq: 20 Apr 2020 13:56

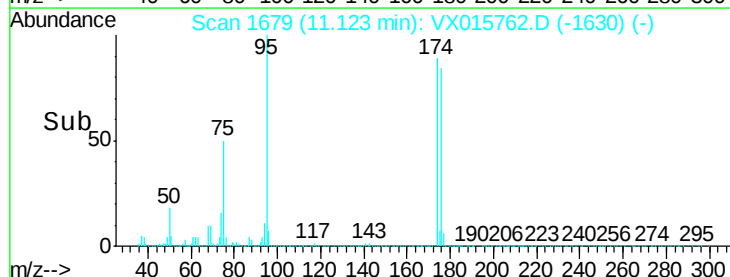
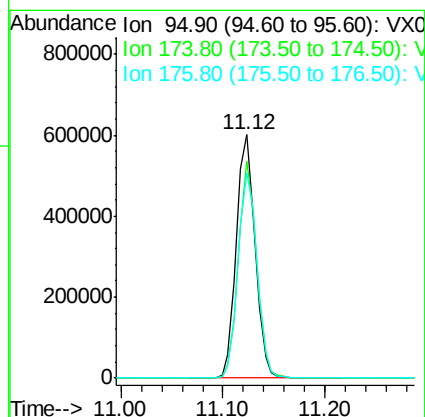
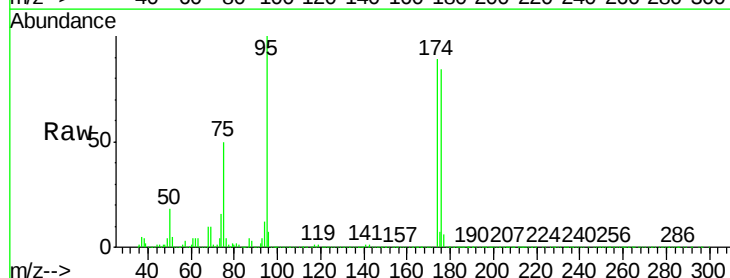
Tgt Ion: 95 Resp: 756499

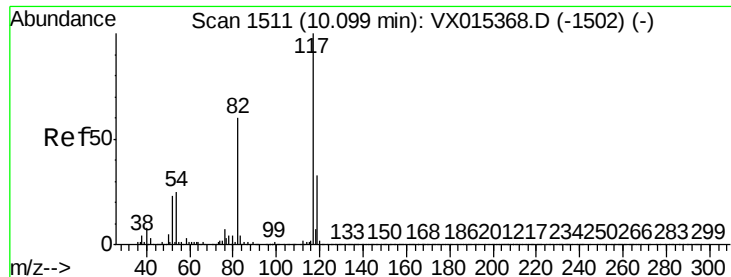
Ion Ratio Lower Upper

95 100

174 86.4 0.0 158.6

176 85.2 0.0 159.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015762.D

Acq: 20 Apr 2020 13:56

Instrument :

MSVOA_X

ClientSampled :

I-OC-1DL

Tot Ion:117 Resp: 1455998

Ion Ratio Lower Upper

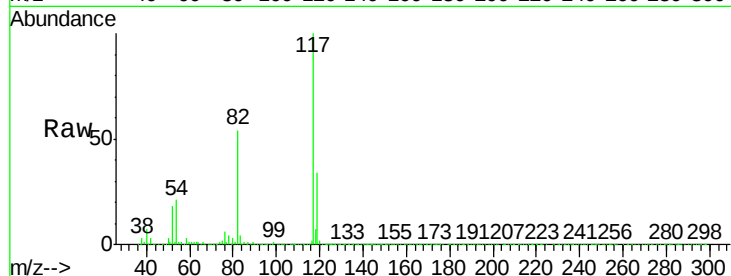
117 100

82 54.3 47.8 71.8

119 33.5 26.8 40.2

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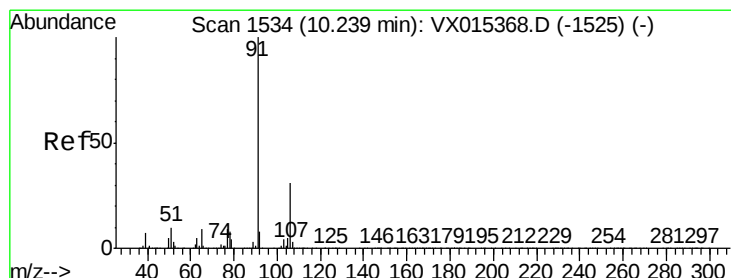
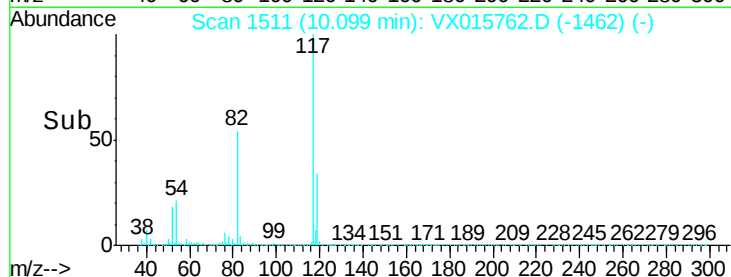
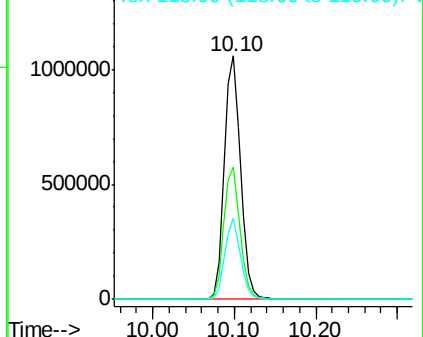
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.340 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015762.D

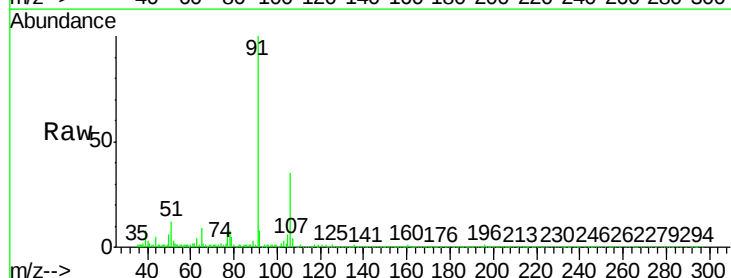
Acq: 20 Apr 2020 13:56

Tgt Ion: 91 Resp: 68991

Ion Ratio Lower Upper

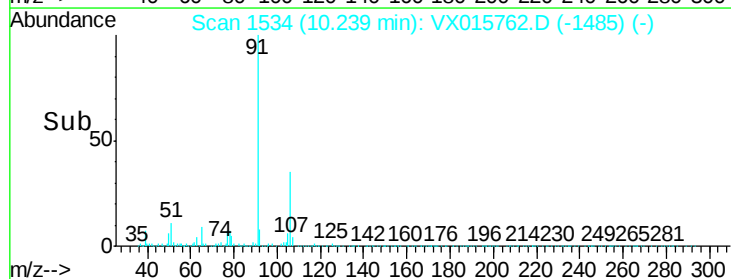
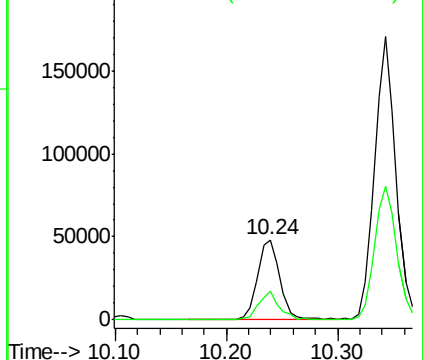
91 100

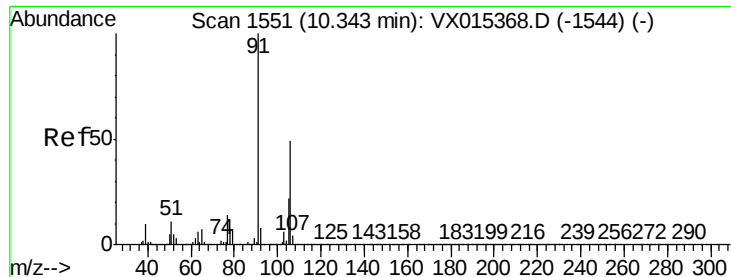
106 34.9 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





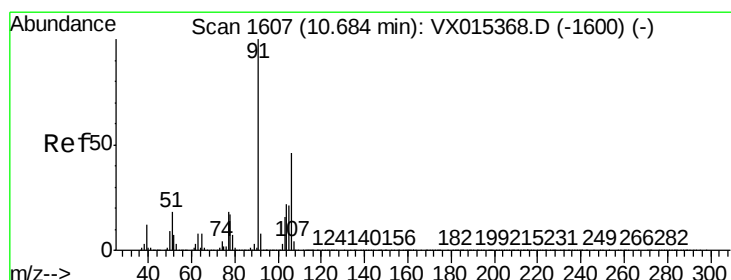
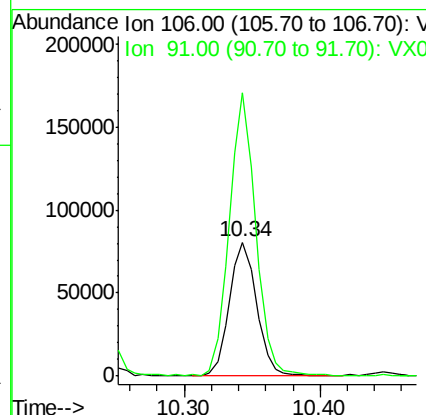
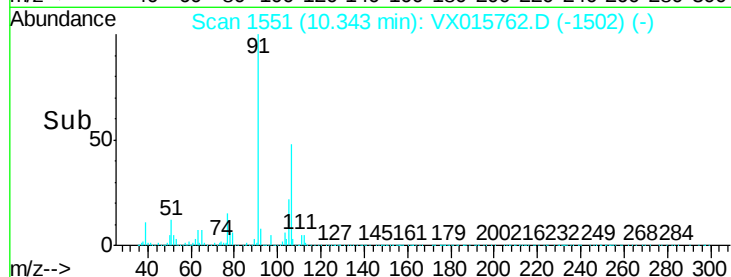
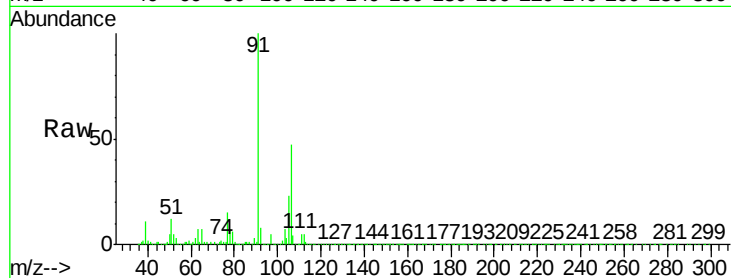
#68
m/p-Xylenes
Concen: 5.837 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015762.D
Acq: 20 Apr 2020 13:56

Instrument :
MSVOA_X
ClientSampleId :
I-OC-1DL

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.1	163.4	245.0

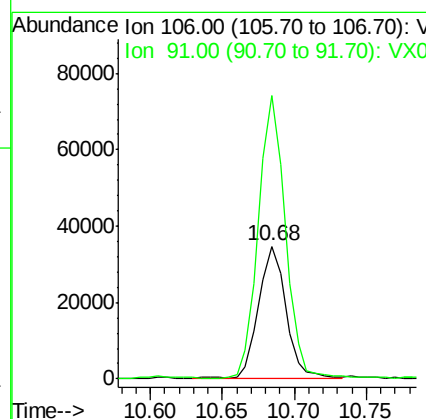
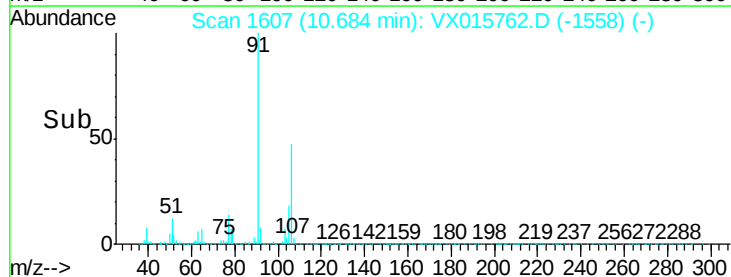
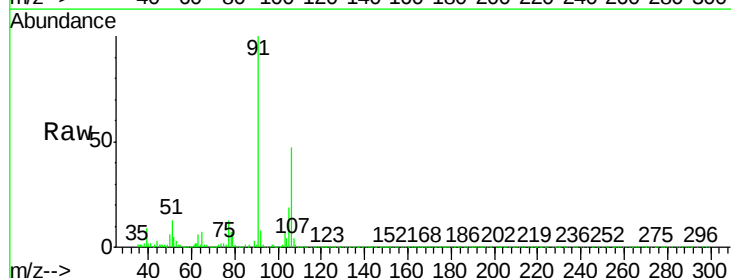
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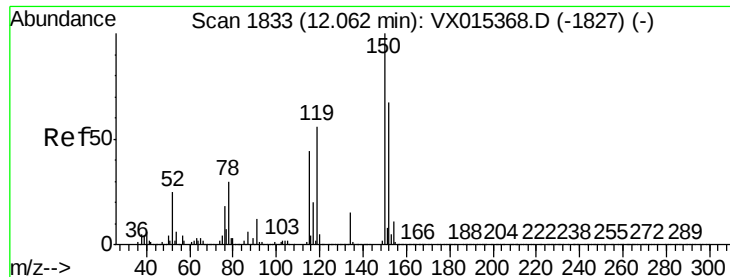
MMDadoda
4/21/2020 12:15:54 PM



#69
o-Xylene
Concen: 2.373 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015762.D
Acq: 20 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.1	107.1	321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015762.D

Acq: 20 Apr 2020 13:56

Instrument :

MSVOA_X

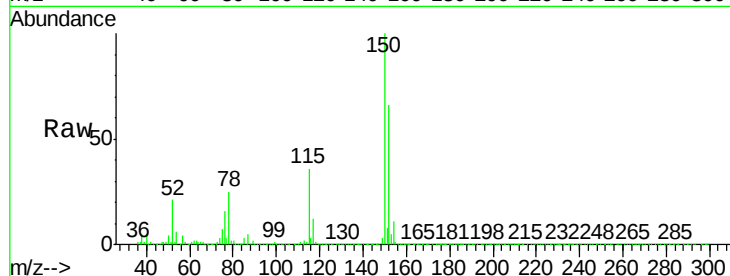
ClientSampled :

I-OC-1DL

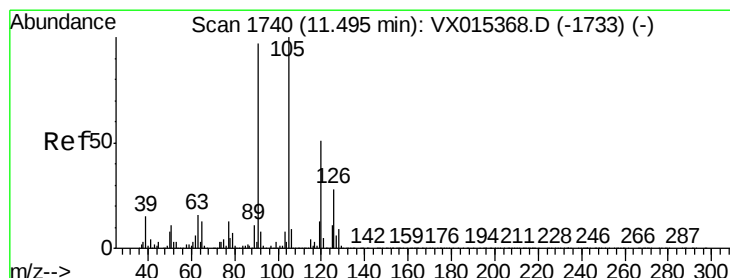
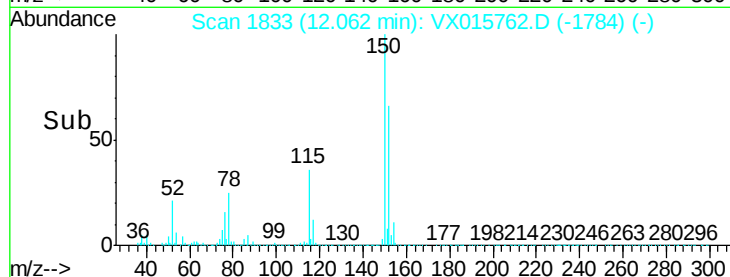
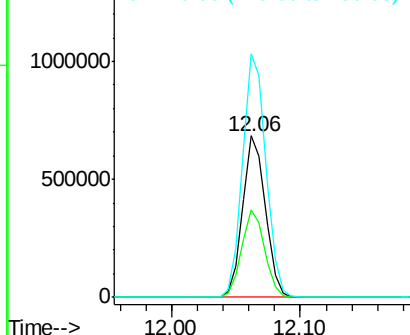
Tot Ion:	152	Resp:	832085
Ion Ratio	Lower	Upper	
152	100		
115	54.9	39.0	116.9
150	154.8	0.0	340.8

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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 0.370 ug/l

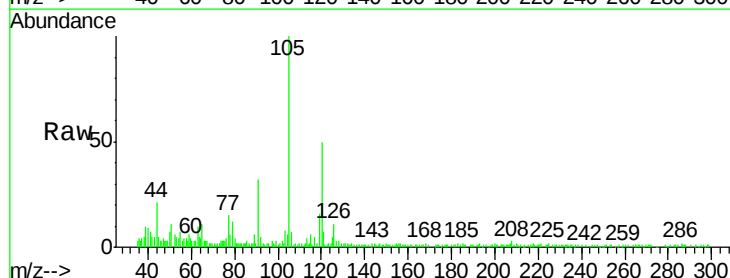
RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

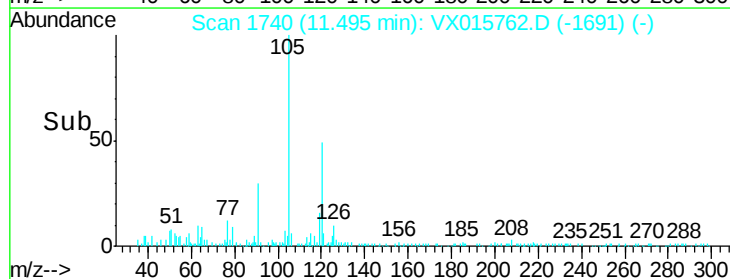
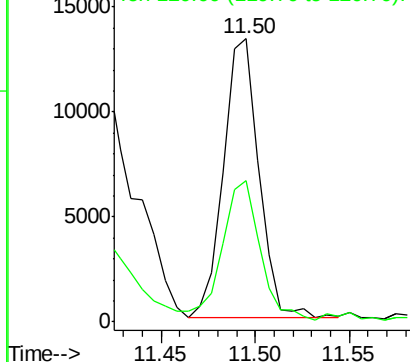
Lab File: VX015762.D

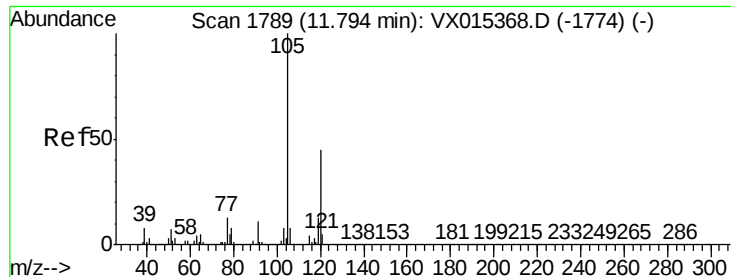
Acq: 20 Apr 2020 13:56

Tgt Ion:	105	Resp:	17229
Ion Ratio	Lower	Upper	
105	100		
120	53.3	24.8	74.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 1.174 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015762.D

Acq: 20 Apr 2020 13:56

Instrument :

MSVOA_X

ClientSampled :

I-OC-1DL

Tot Ion:105 Resp: 55713

Ion Ratio Lower Upper

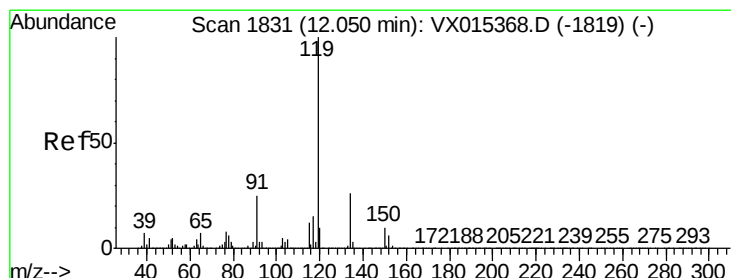
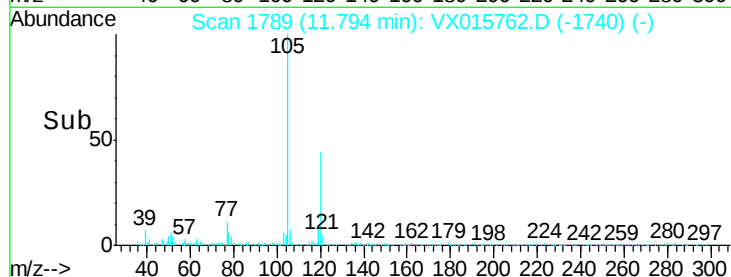
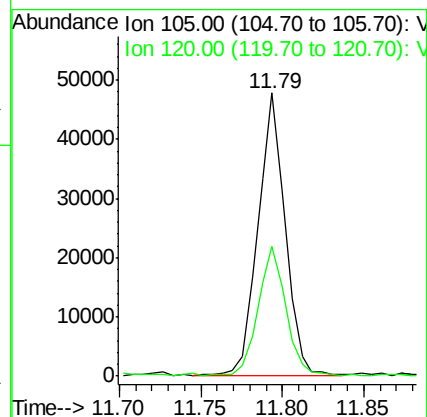
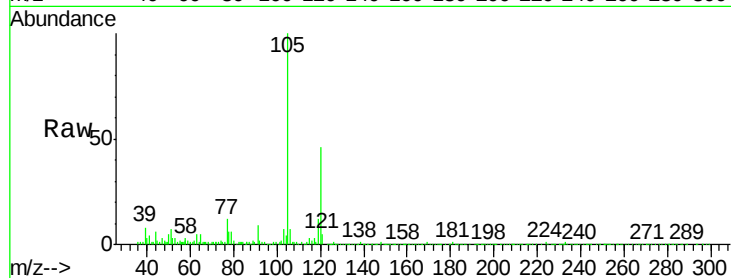
105 100

120 45.6 22.7 68.1

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#86

p-Isopropyltoluene

Concen: 0.363 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015762.D

Acq: 20 Apr 2020 13:56

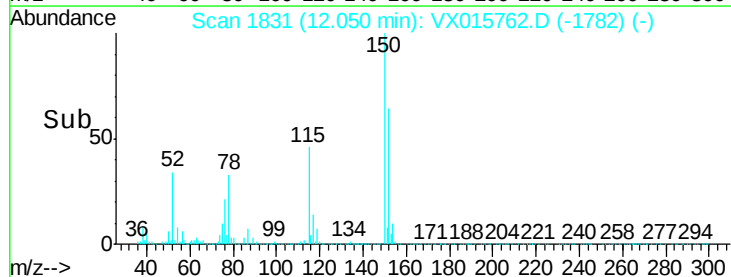
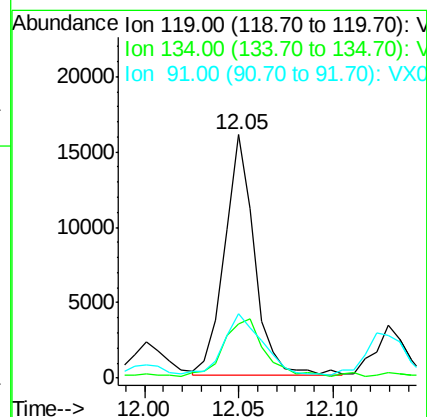
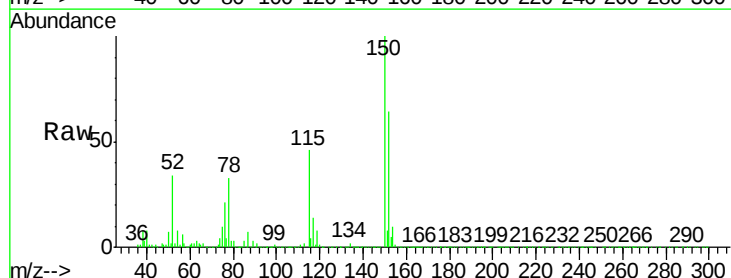
Tgt Ion:119 Resp: 17714

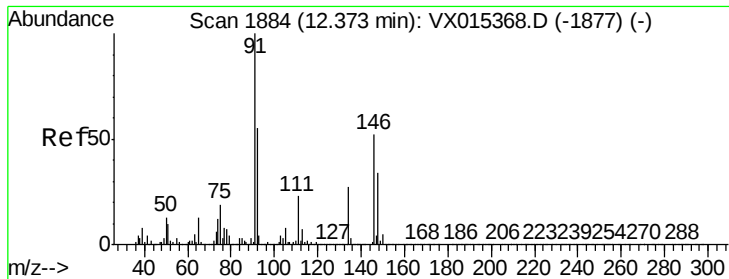
Ion Ratio Lower Upper

119 100

134 32.8 13.1 39.3

91 31.8 12.4 37.4





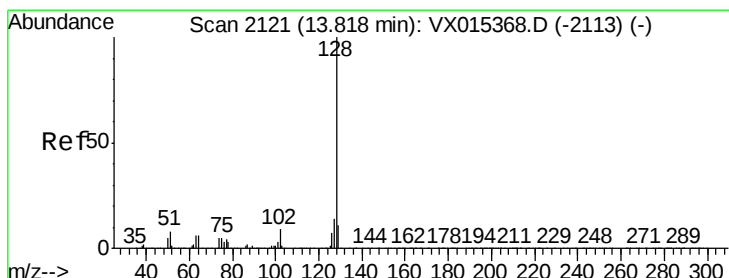
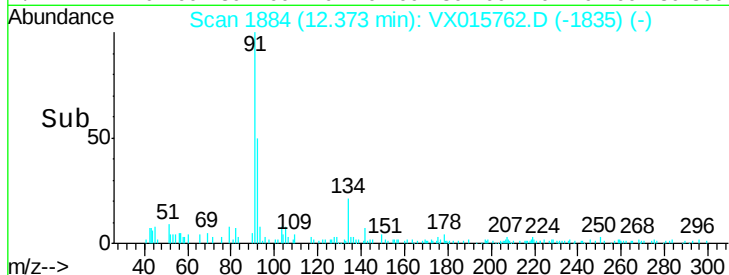
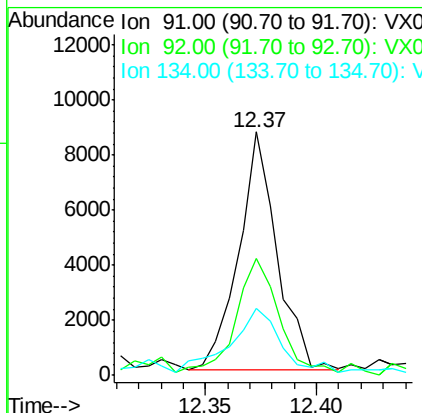
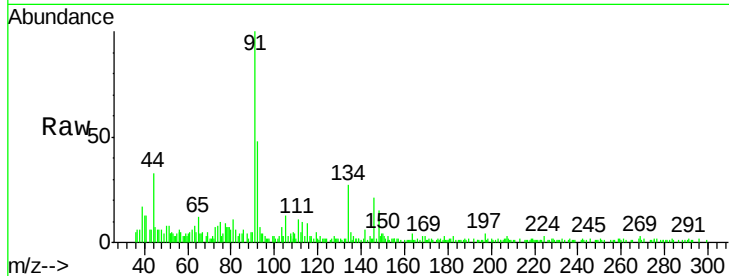
#89
n-Butylbenzene
Concen: 0.233 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015762.D
Acq: 20 Apr 2020 13:56

Instrument :
MSVOA_X
ClientSampled :
I-OC-1DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	27.2	81.5
134	36.3	13.4	40.2

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#95
Naphthalene
Concen: 66.323 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015762.D
Acq: 20 Apr 2020 13:56

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	11.2	8.8	13.2

