

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042020\
 Data File : VX015764.D
 Acq On : 20 Apr 2020 14:41
 Operator : JC/SP
 Sample : L2305-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I-LG-C-1

Manual Integrations
 APPROVED

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 4/21/2020 12:16:06 PM

Quant Time: Apr 20 15:35:33 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	5.64	168	1086816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1662330	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1635745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	927790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	628468	41.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.00%	
35) Dibromofluoromethane	5.47	113	516749	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
50) Toluene-d8	8.70	98	2016003	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.12	95	864709	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.50	142	20414	1.547	ug/l	99
16) Acetone	2.42	43	3637722	552.391	ug/l	97
17) Carbon Disulfide	2.53	76	43625135m	1393.734	ug/l	
25) 2-Butanone	4.64	43	614449	58.018	ug/l	99
30) Chloroform	5.18	83	33265	1.546	ug/l	98
40) Benzene	6.12	78	1927333	42.957	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	20791	1.090	ug/l #	71
52) Toluene	8.77	92	270808	9.790	ug/l	98
59) 2-Hexanone	9.48	43	9160	0.636	ug/l	98
67) Ethyl Benzene	10.24	91	167399	2.893	ug/l	99
68) m/p-Xylenes	10.34	106	181344	8.417	ug/l	100
69) o-Xylene	10.68	106	104857	4.925	ug/l	95
70) Styrene	10.70	104	30599	0.817	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.50	105	32241	0.621	ug/l	86
84) 1,2,4-Trimethylbenzene	11.79	105	77323	1.462	ug/l	98
86) p-Isopropyltoluene	12.05	119	51012	0.937	ug/l	95
95) Naphthalene	13.82	128	1772547	25.860	ug/l	99

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

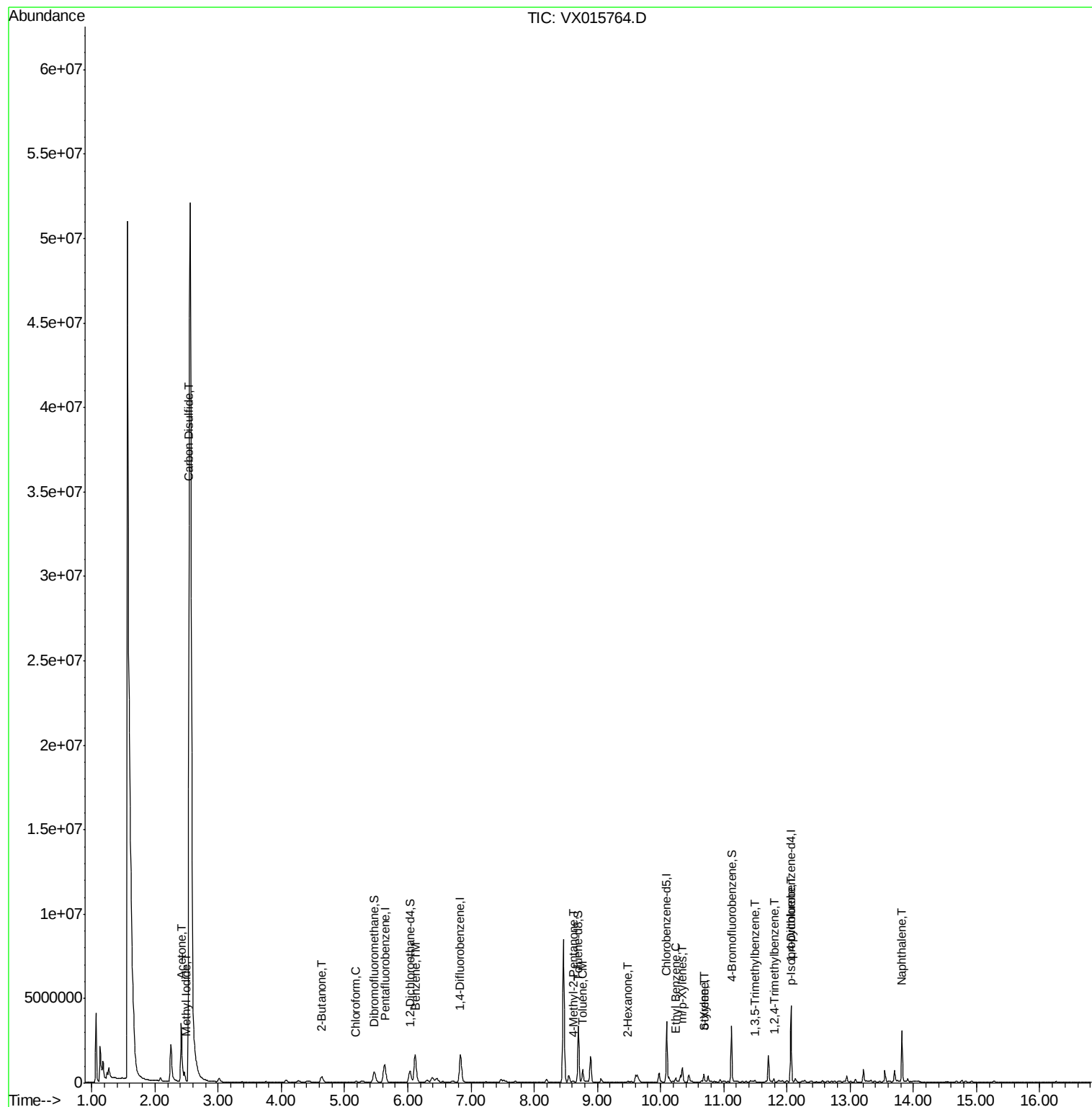
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042020\
Data File : VX015764.D
Acq On : 20 Apr 2020 14:41
Operator : JC/SP
Sample : L2305-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

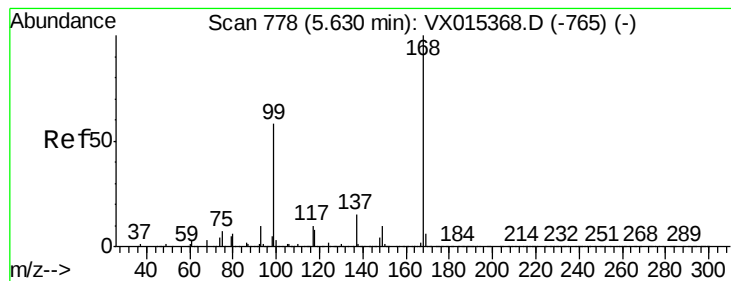
Instrument :
MSVOA_X
ClientSampleId :
I-LG-C-1

Manual Integrations
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Quant Time: Apr 20 15:35:33 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





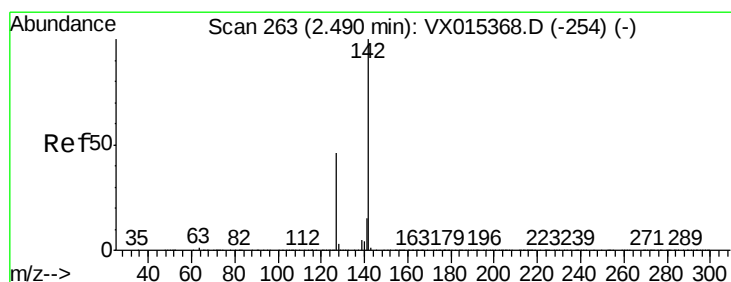
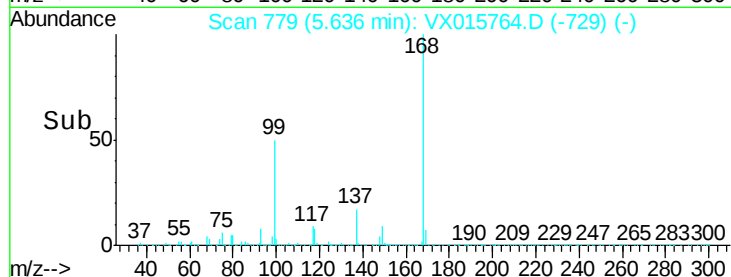
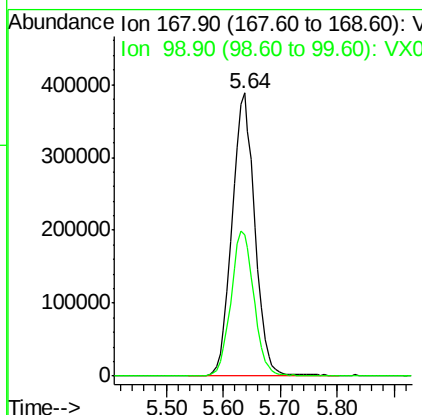
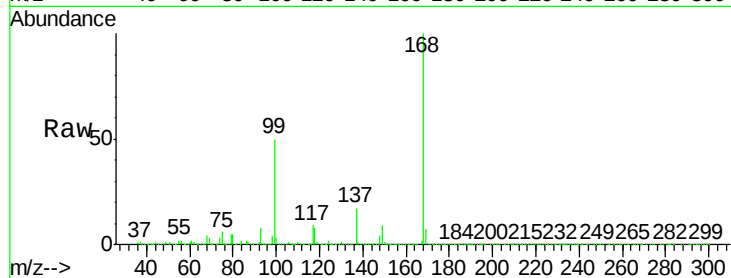
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.01 min
Lab File: VX015764.D
Acq: 20 Apr 2020 14:41

Instrument :
MSVOA_X
ClientSampled :
I-LG-C-1

Tot Ion:168 Resp: 1086816
Ion Ratio Lower Upper
168 100
99 49.9 46.4 69.6

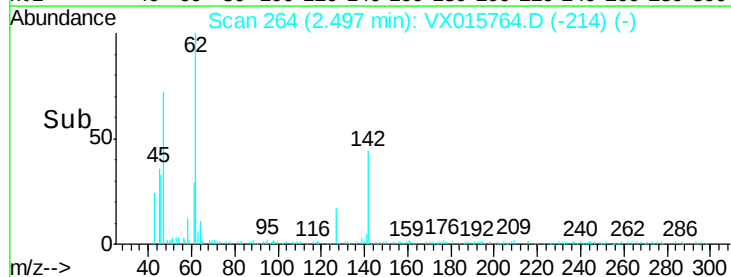
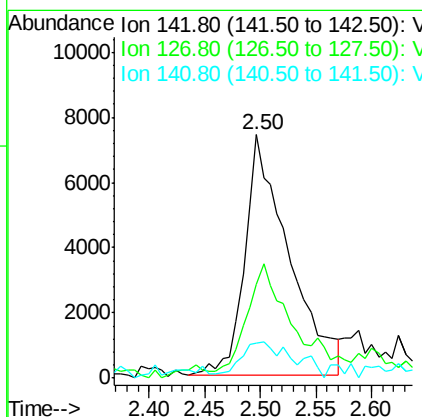
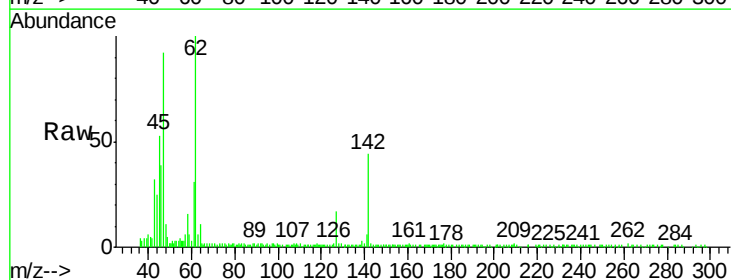
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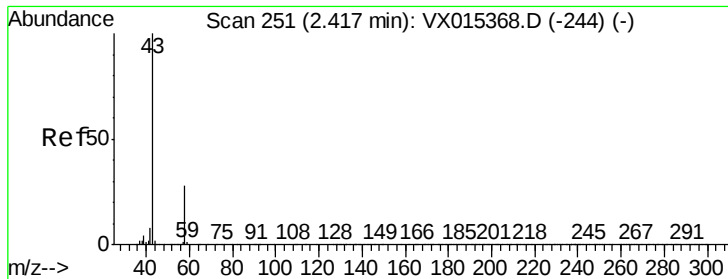
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#10
Methyl Iodide
Concen: 1.547 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX015764.D
Acq: 20 Apr 2020 14:41

Tgt Ion:142 Resp: 20414
Ion Ratio Lower Upper
142 100
127 44.8 35.9 53.9
141 13.2 11.6 17.4





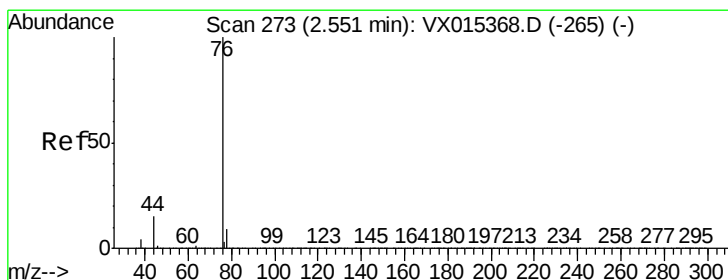
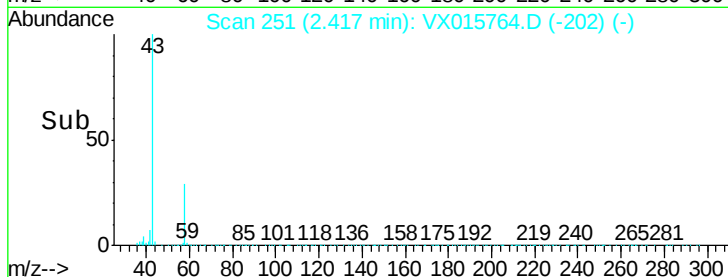
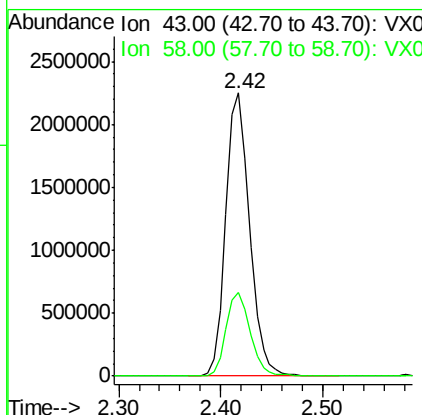
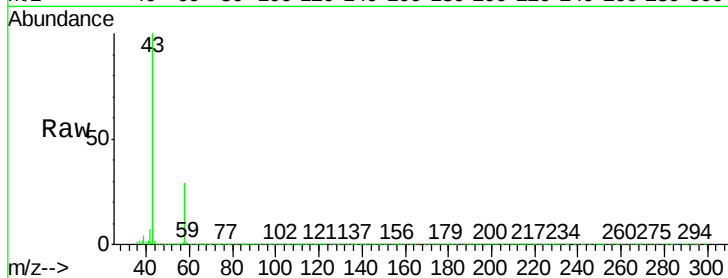
#16
Acetone
Concen: 552.391 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015764.D
Acq: 20 Apr 2020 14:41

Instrument :
MSVOA_X
ClientSampled :
I-LG-C-1

Tot Ion: 43 Resp: 3637722
Ion Ratio Lower Upper
43 100
58 29.4 22.1 33.1

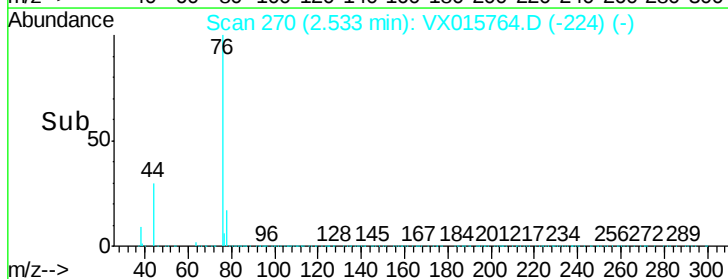
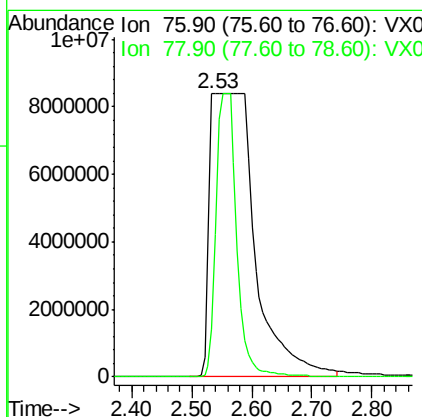
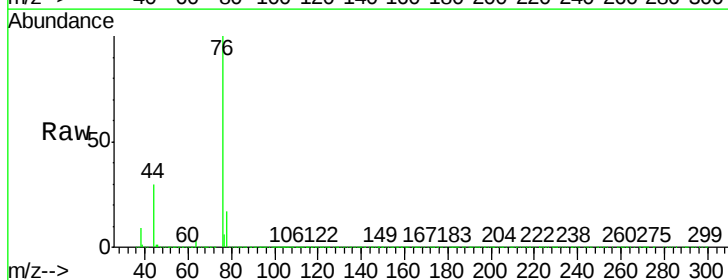
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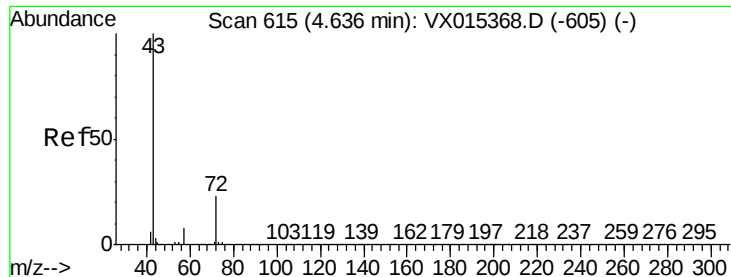
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#17
Carbon Disulfide
Concen: 1393.734 ug/l m
RT: 2.53 min Scan# 270
Delta R.T. -0.02 min
Lab File: VX015764.D
Acq: 20 Apr 2020 14:41

Tgt Ion: 76 Resp: 43625135
Ion Ratio Lower Upper
76 100
78 17.1 7.1 10.7#





#25

2-Butanone

Concen: 58.018 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015764.D

Acq: 20 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampled :

I-LG-C-1

Tot Ion: 43 Resp: 614449

Ion Ratio Lower Upper

43 100

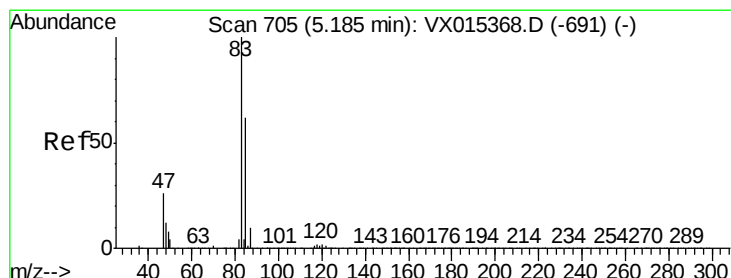
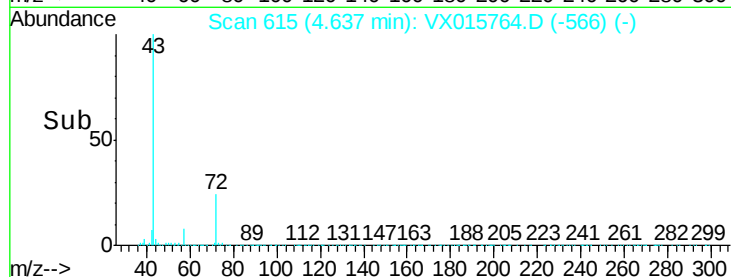
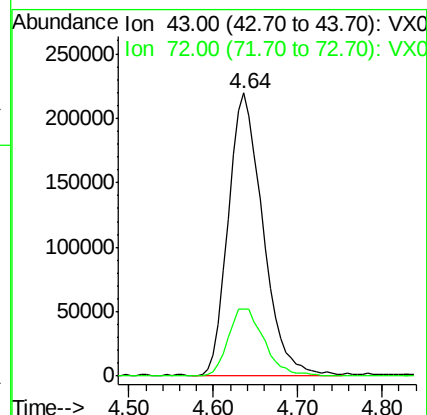
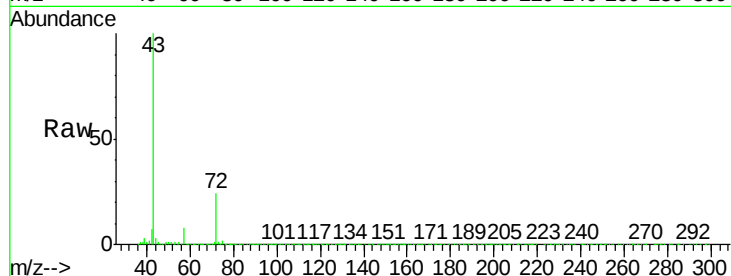
72 23.4 19.0 28.4

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#30

Chloroform

Concen: 1.546 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015764.D

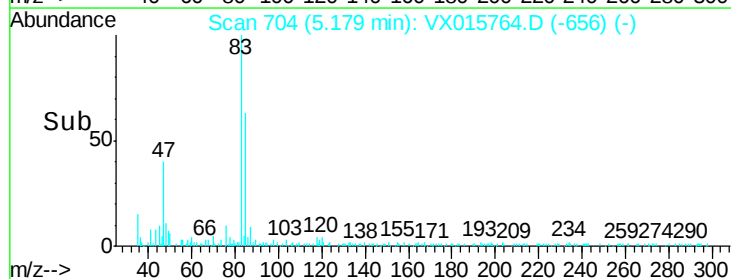
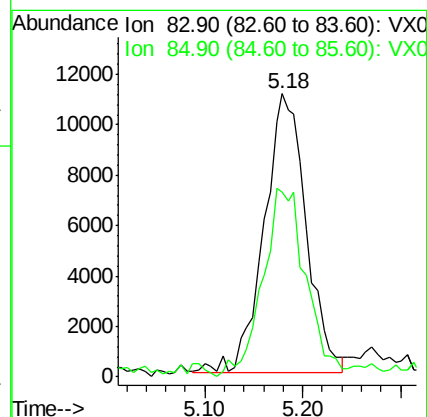
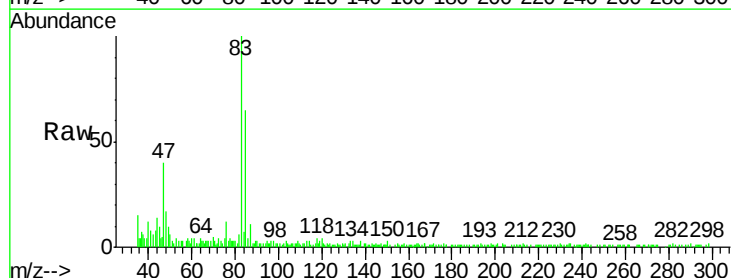
Acq: 20 Apr 2020 14:41

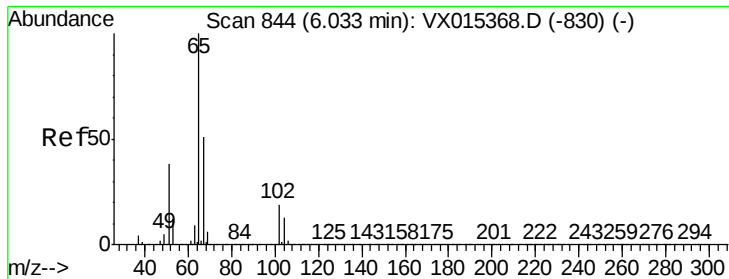
Tgt Ion: 83 Resp: 33265

Ion Ratio Lower Upper

83 100

85 63.8 49.5 74.3





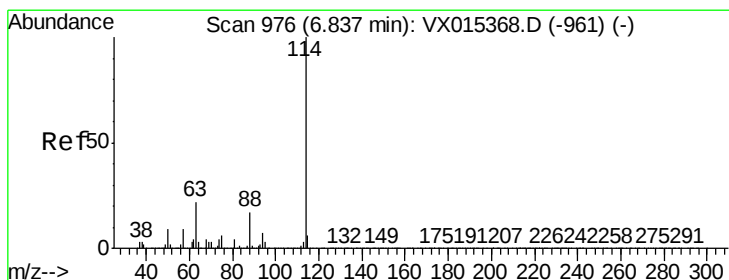
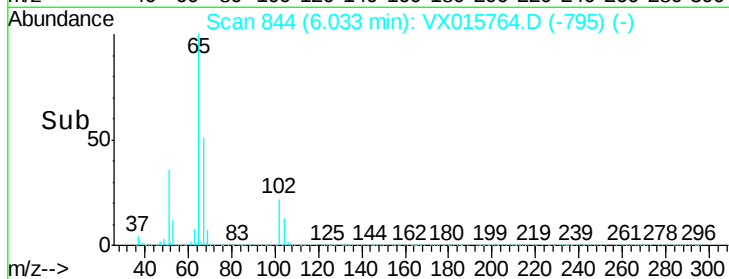
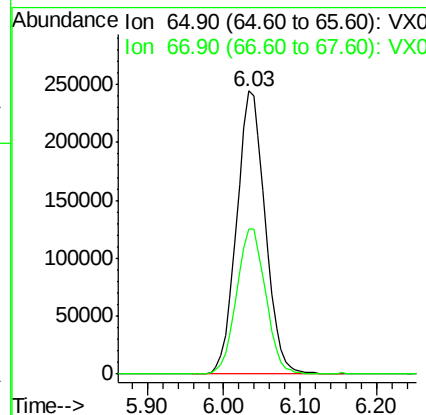
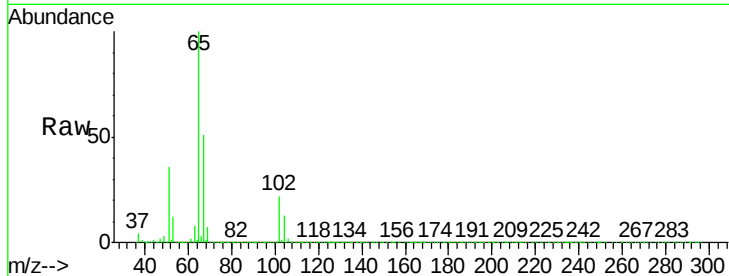
#33
 1,2-Dichloroethane-d4
 Concen: 41.000 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015764.D
 Acq: 20 Apr 2020 14:41

Instrument :
 MSVOA_X
 ClientSampled :
 I-LG-C-1

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	102.6

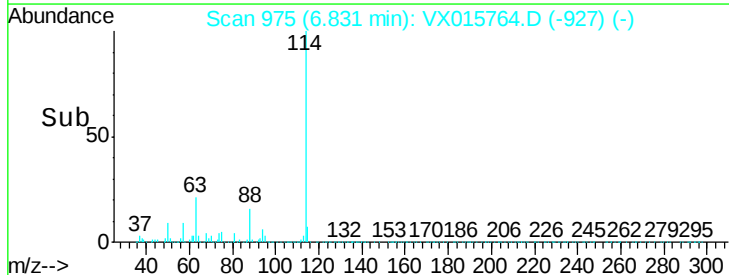
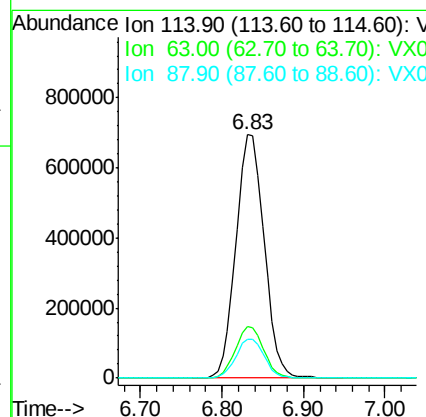
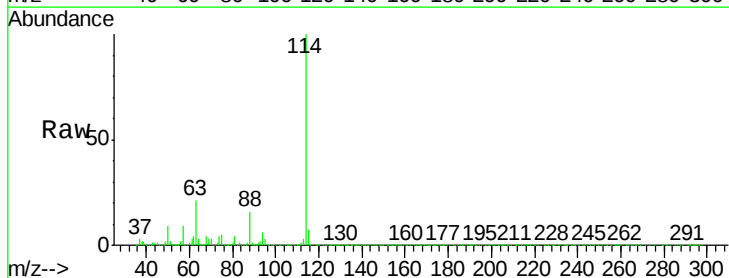
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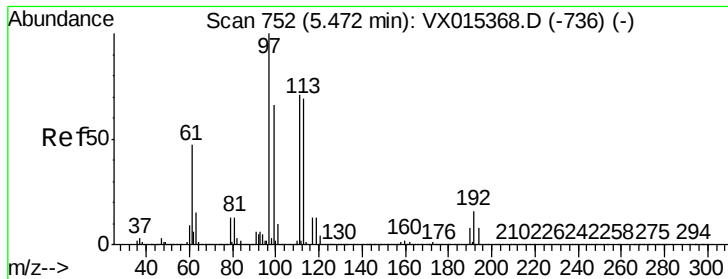
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015764.D
 Acq: 20 Apr 2020 14:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.2
88	16.1	0.0	33.8





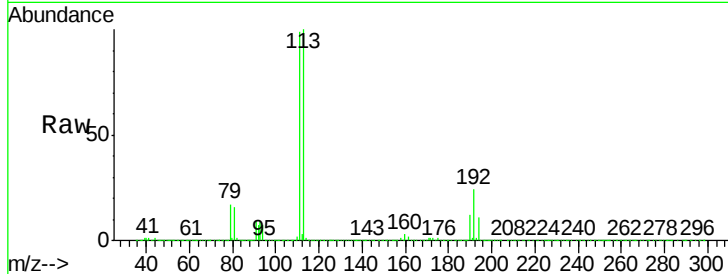
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Dibromofluoromethane
Concen: 48.630 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015764.D
Acq: 20 Apr 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :
I-LG-C-1

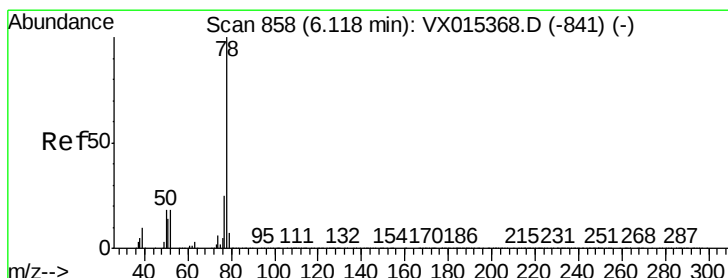
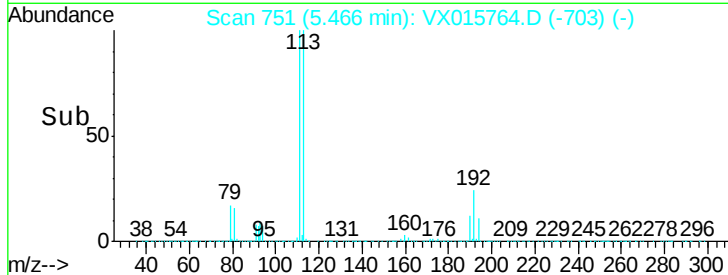
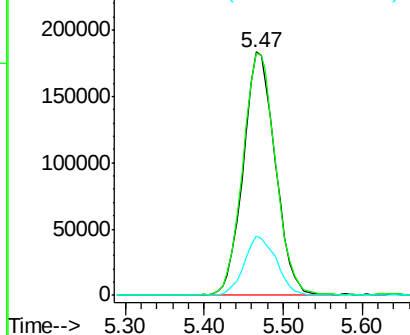
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.5	122.3
192	24.8	17.8	26.6

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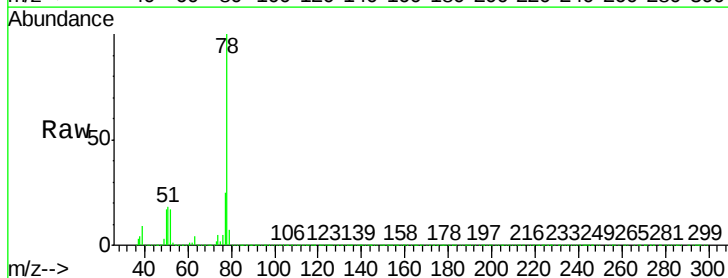


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

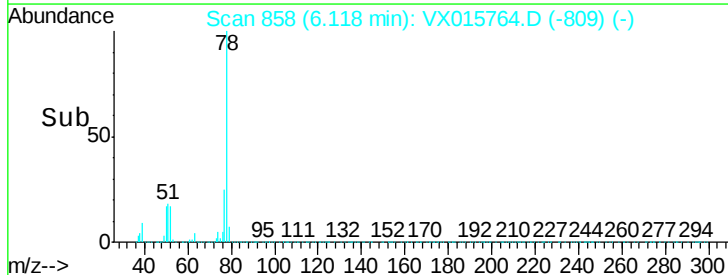
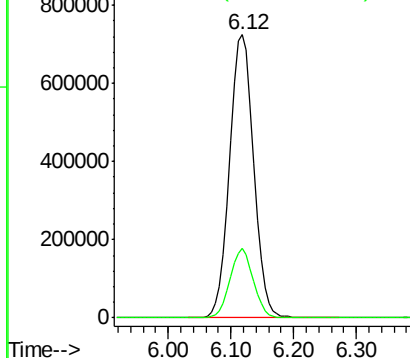


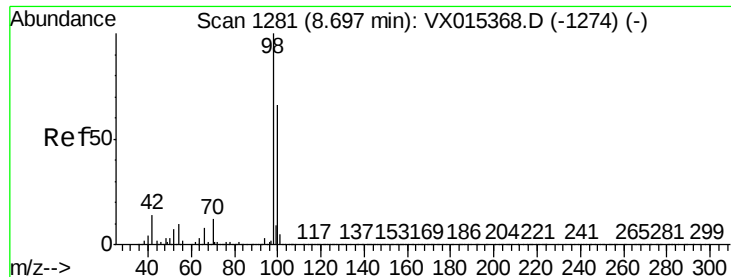
#40
Benzene
Concen: 42.957 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015764.D
Acq: 20 Apr 2020 14:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.8	29.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





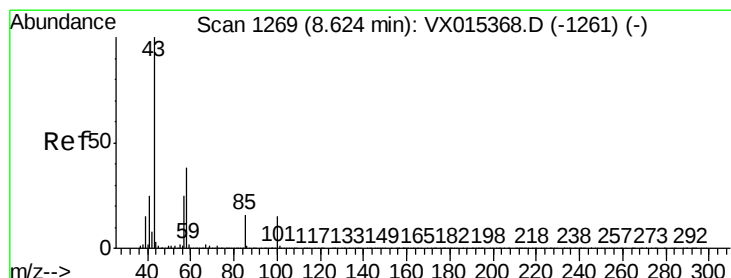
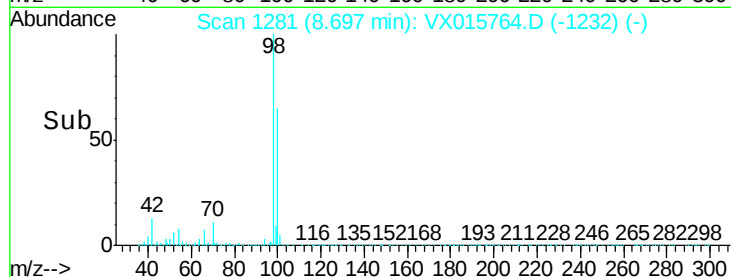
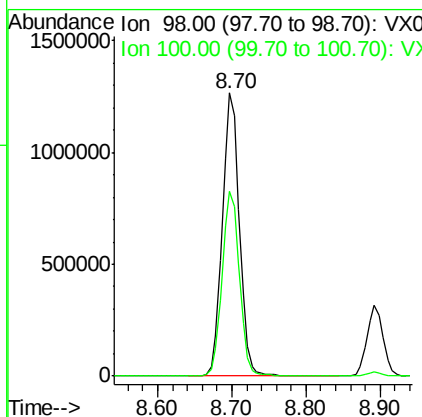
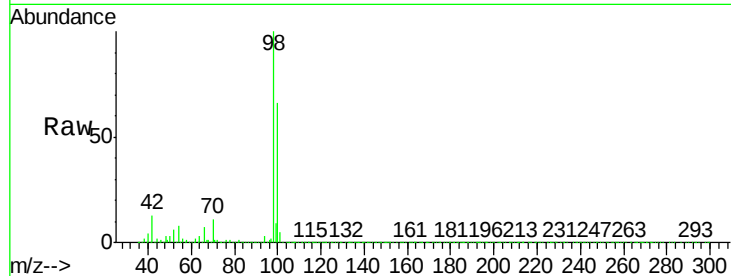
#50
Toluene-d8
Concen: 51.531 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015764.D
Acq: 20 Apr 2020 14:41

Instrument :
MSVOA_X
ClientSampled :
I-LG-C-1

Tot Ion: 98 Resp: 2016003
Ion Ratio Lower Upper
98 100
100 66.3 53.5 80.3

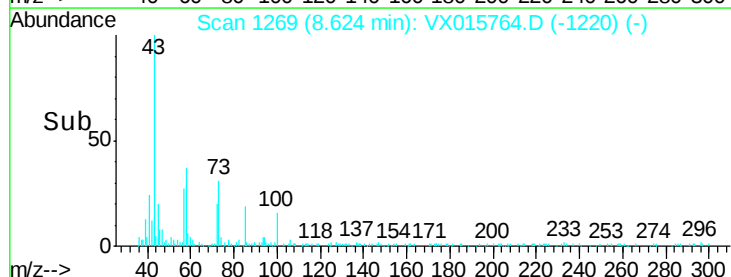
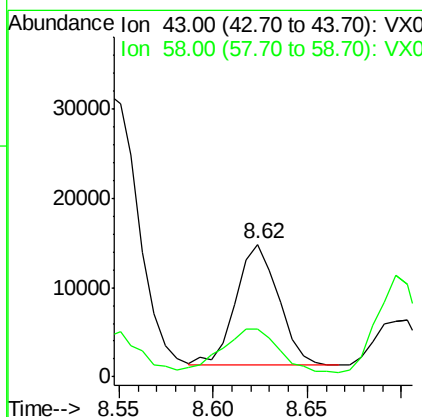
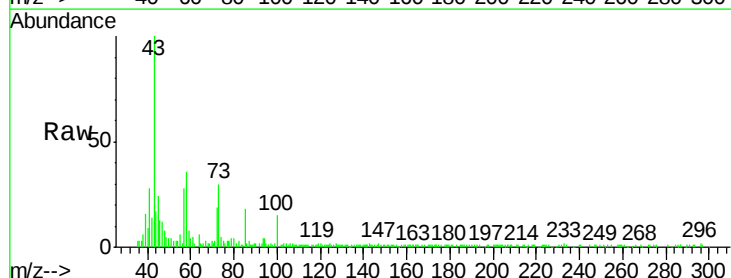
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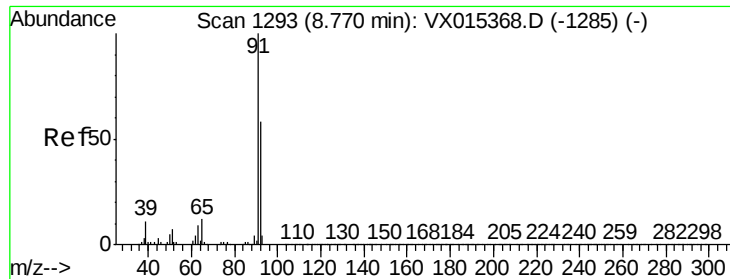
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#51
4-Methyl-2-Pentanone
Concen: 1.090 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015764.D
Acq: 20 Apr 2020 14:41

Tgt Ion: 43 Resp: 20791
Ion Ratio Lower Upper
43 100
58 54.4 29.7 44.5#





#52

Toluene

Concen: 9.790 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015764.D

Acq: 20 Apr 2020 14:41

Instrument :

MSVOA_X

ClientSampleId :

I-LG-C-1

Tot Ion: 92 Resp: 270808

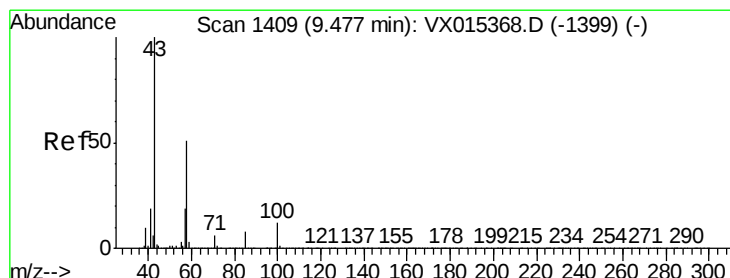
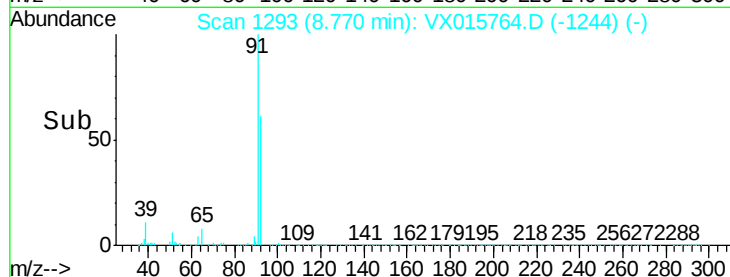
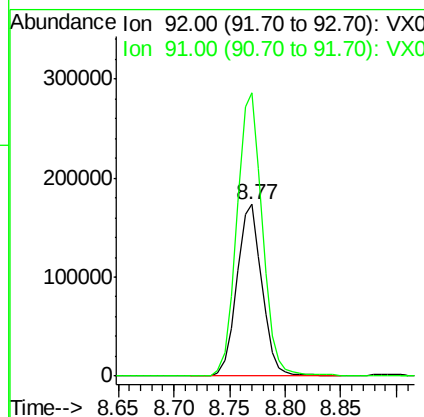
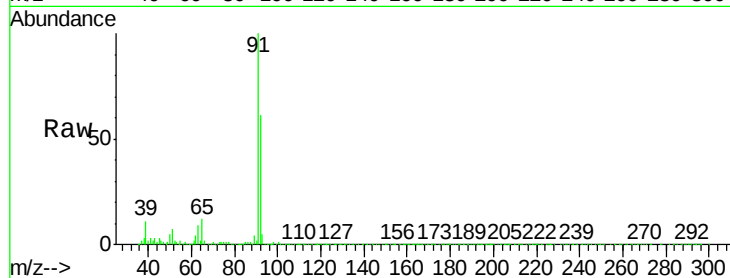
Ion Ratio Lower Upper

92 100

91 167.5 136.6 205.0

Manual Integrations
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#59

2-Hexanone

Concen: 0.636 ug/l

RT: 9.48 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VX015764.D

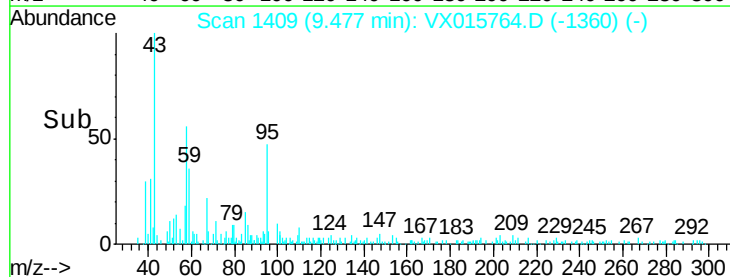
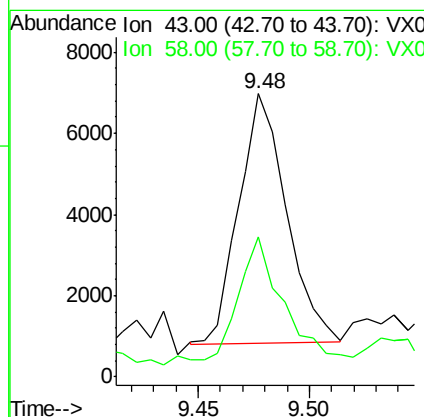
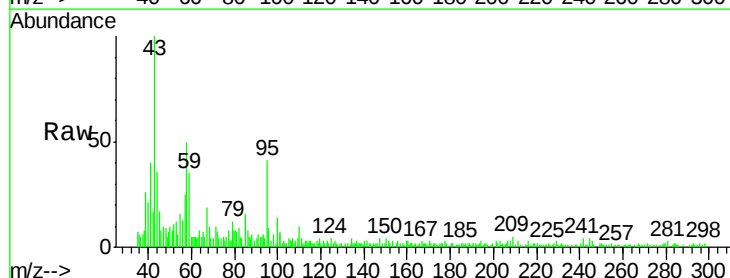
Acq: 20 Apr 2020 14:41

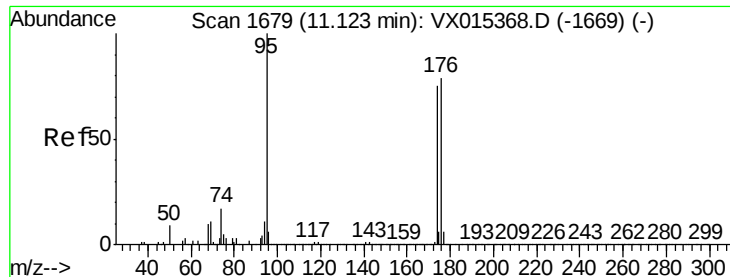
Tgt Ion: 43 Resp: 9160

Ion Ratio Lower Upper

43 100

58 52.2 25.6 76.6





#62

4-Bromofluorobenzene

Concen: 54.386 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015764.D

Acq: 20 Apr 2020 14:41

Instrument :

MSVOA_X

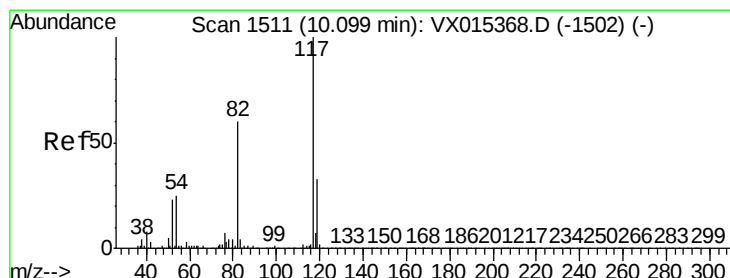
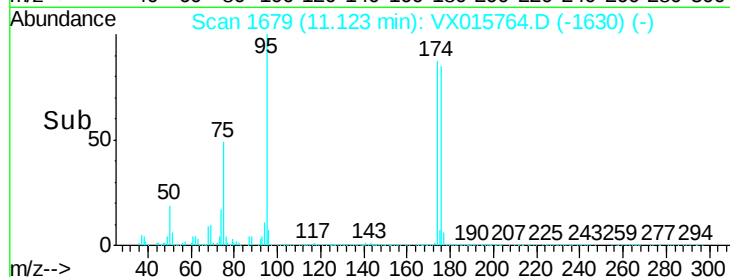
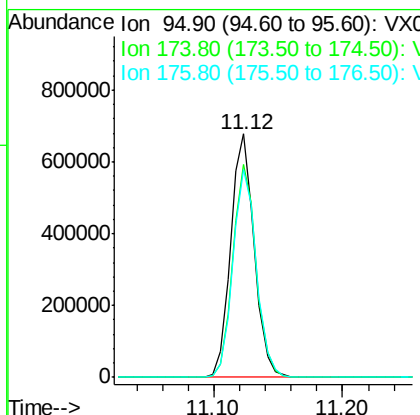
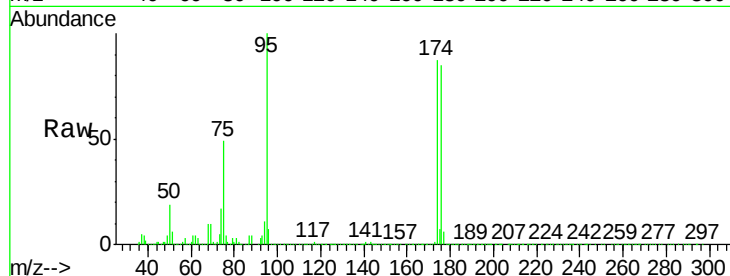
ClientSampled :

I-LG-C-1

Tot Ion:	95	Resp:	864709
Ion Ratio	Lower	Upper	
95	100		
174	86.7	0.0	158.6
176	85.2	0.0	159.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

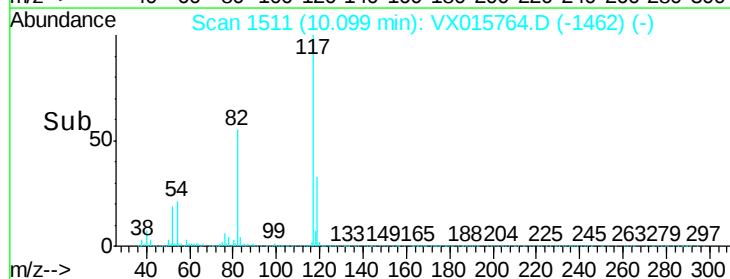
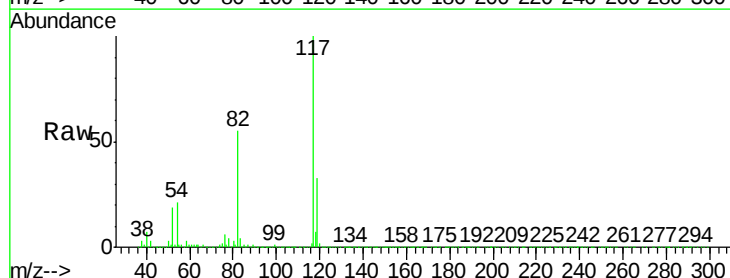
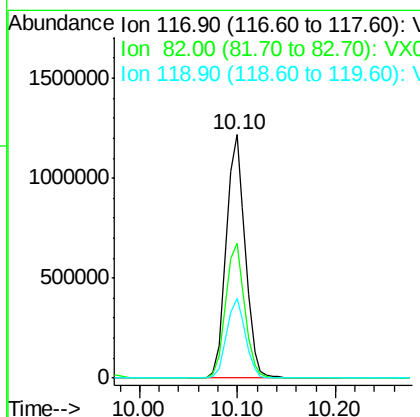
RT: 10.10 min Scan# 1511

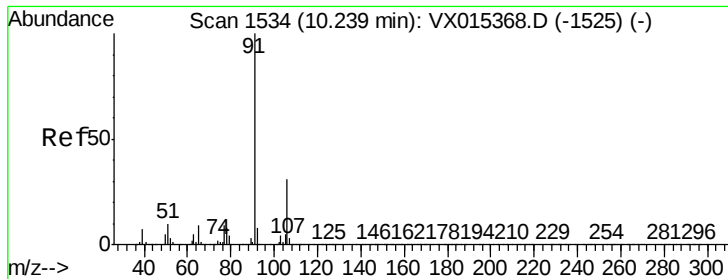
Delta R.T. 0.00 min

Lab File: VX015764.D

Acq: 20 Apr 2020 14:41

Tgt Ion:	117	Resp:	1635745
Ion Ratio	Lower	Upper	
117	100		
82	55.2	47.8	71.8
119	32.8	26.8	40.2





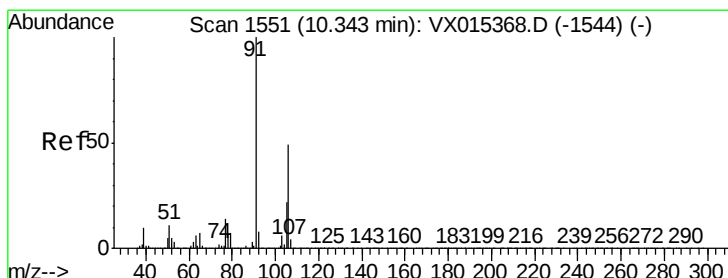
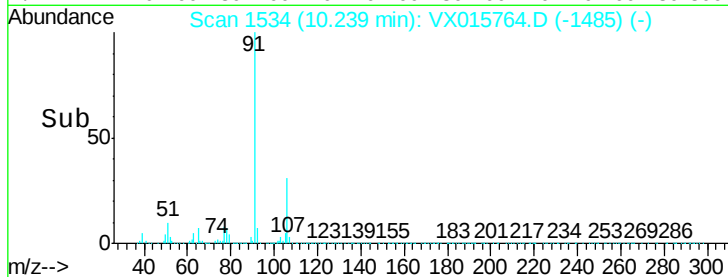
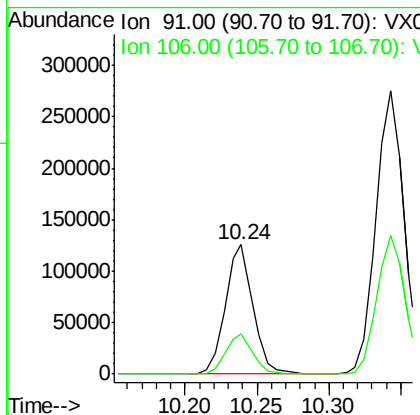
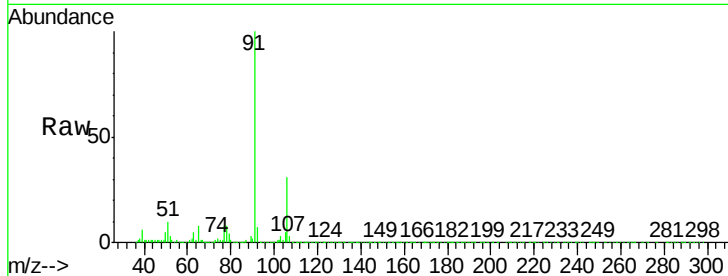
#67
Ethyl Benzene
Concen: 2.893 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015764.D
Acq: 20 Apr 2020 14:41

Instrument :
MSVOA_X
ClientSampled :
I-LG-C-1

Tot Ion: 91 Resp: 167399
Ion Ratio Lower Upper
91 100
106 30.7 24.8 37.2

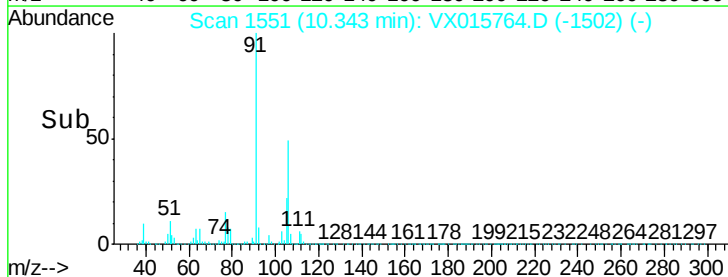
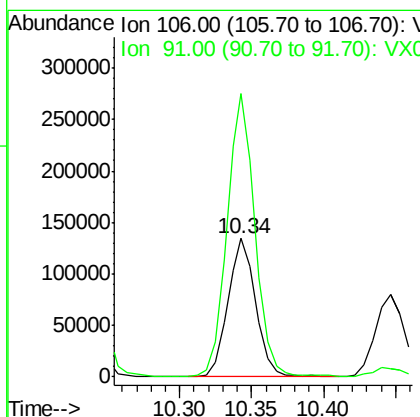
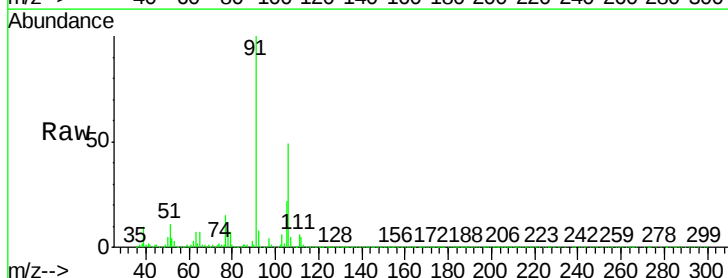
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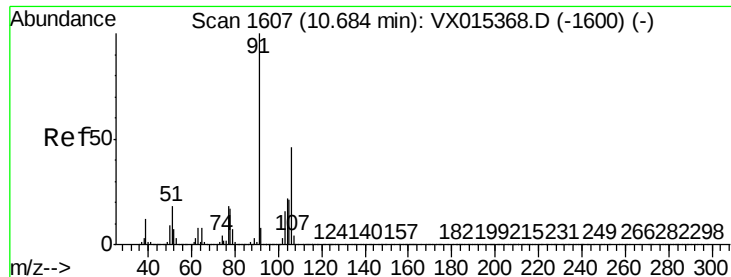
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#68
m/p-Xylenes
Concen: 8.417 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015764.D
Acq: 20 Apr 2020 14:41

Tgt Ion: 106 Resp: 181344
Ion Ratio Lower Upper
106 100
91 204.8 163.4 245.0





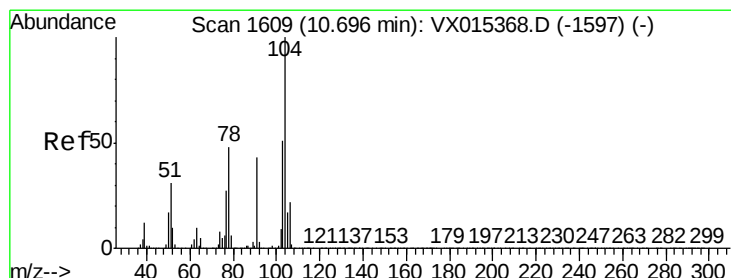
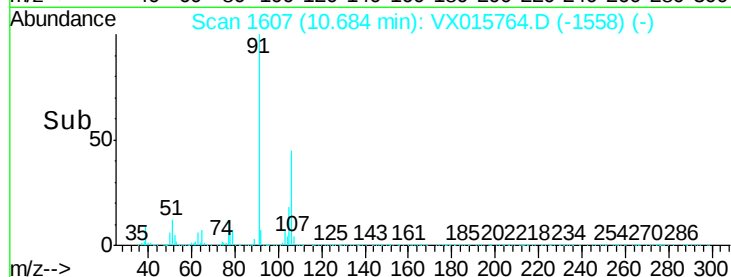
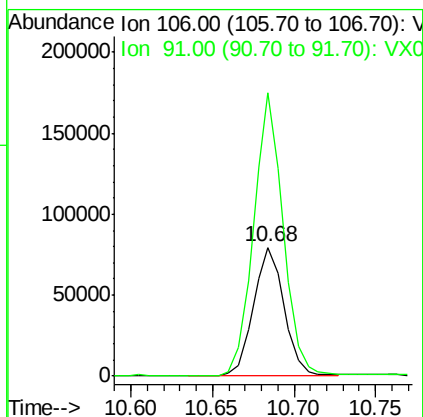
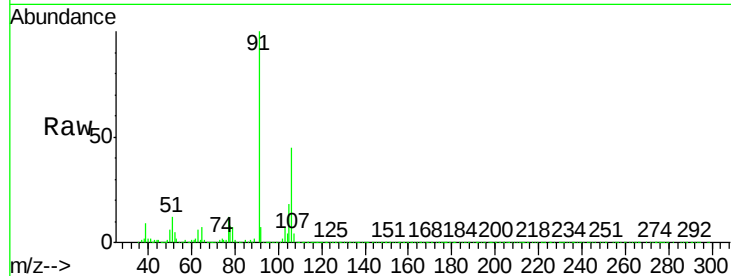
#69
o-Xylene
Concen: 4.925 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015764.D
Acq: 20 Apr 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :
I-LG-C-1

Tot Ion	Ratio	Resp	Lower	Upper
106	100	104857		
91	207.0	107.1	321.3	

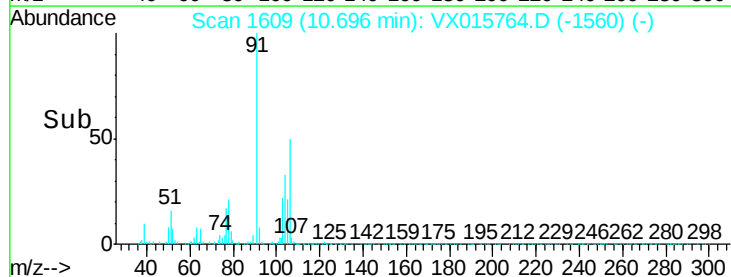
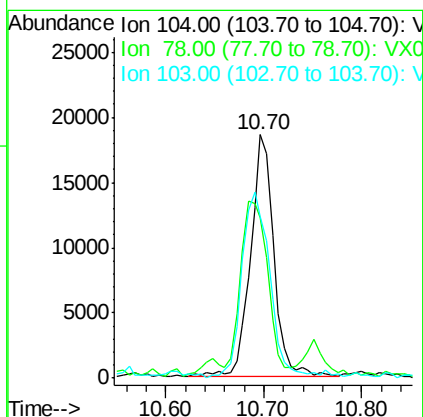
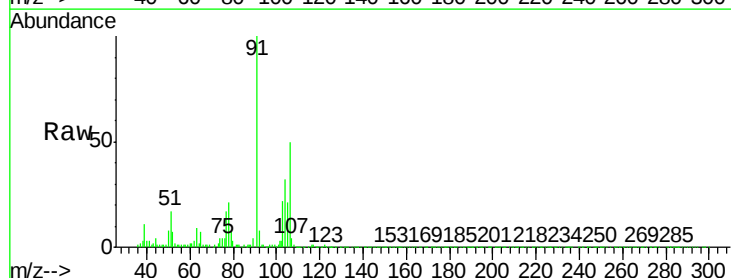
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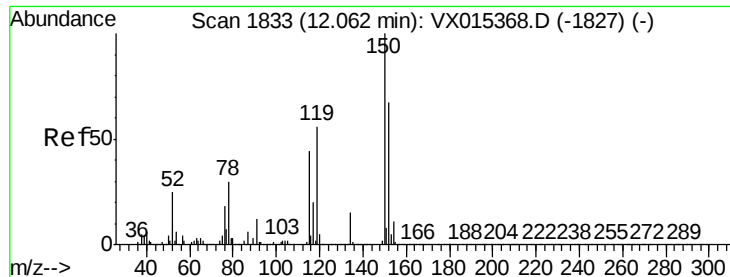
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#70
Styrene
Concen: 0.817 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015764.D
Acq: 20 Apr 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	30599		
78	84.1	42.0	63.0#	
103	91.0	43.4	65.0#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015764.D

Acq: 20 Apr 2020 14:41

Instrument :

MSVOA_X

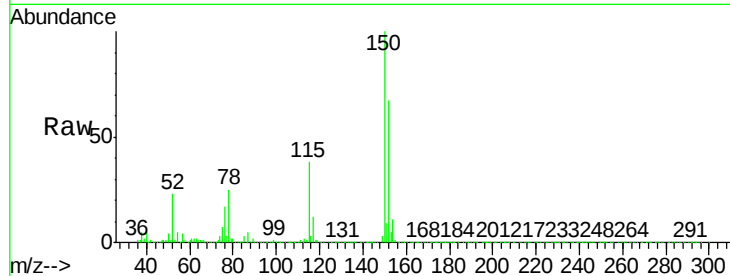
ClientSampled :

I-LG-C-1

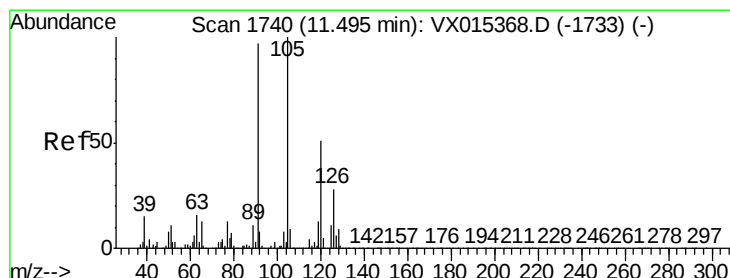
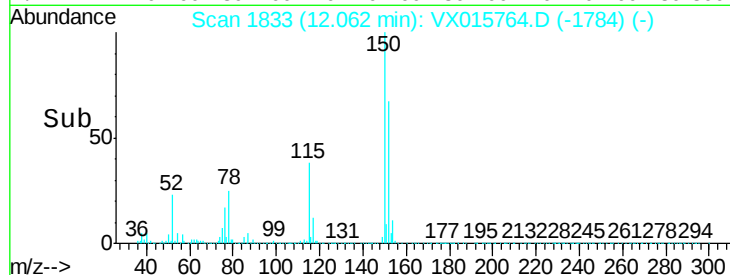
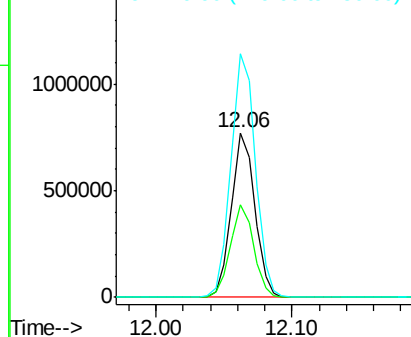
Tot Ion:	152	Resp:	927790
Ion Ratio	Lower	Upper	
152	100		
115	56.0	39.0	116.9
150	153.6	0.0	340.8

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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: 0.621 ug/l

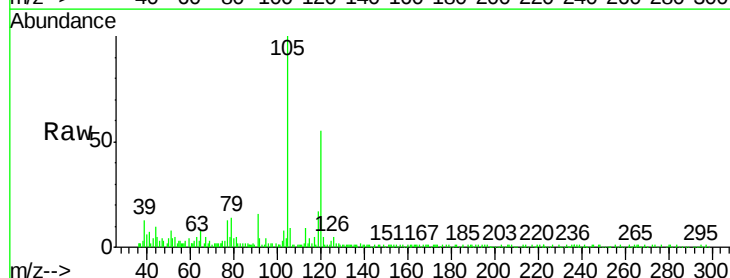
RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

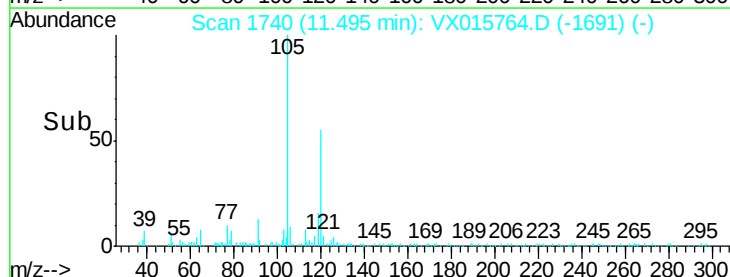
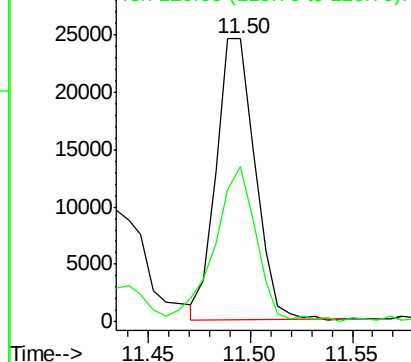
Lab File: VX015764.D

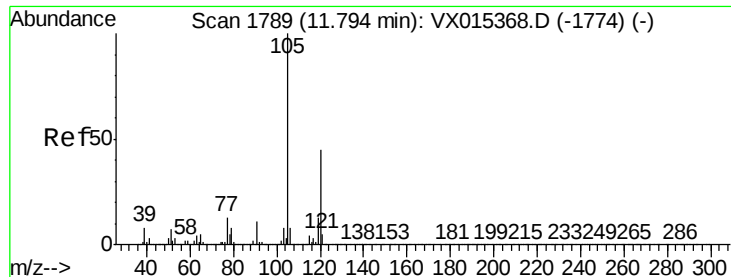
Acq: 20 Apr 2020 14:41

Tgt Ion:	105	Resp:	32241
Ion Ratio	Lower	Upper	
105	100		
120	59.1	24.8	74.4



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





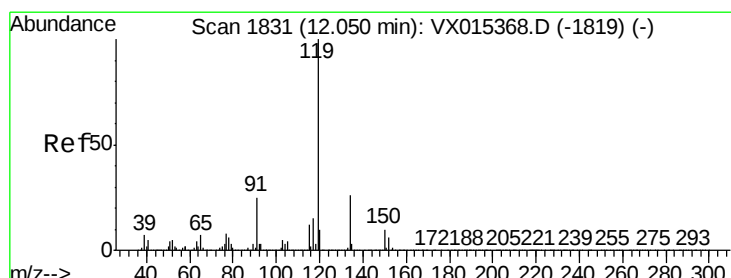
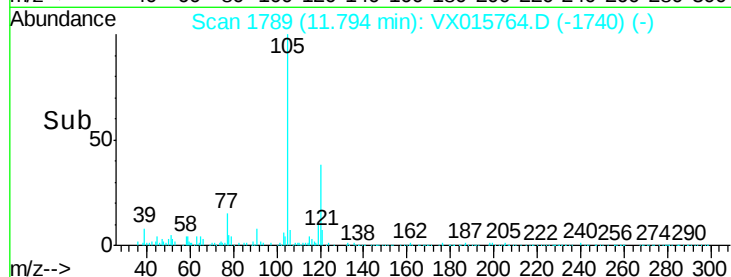
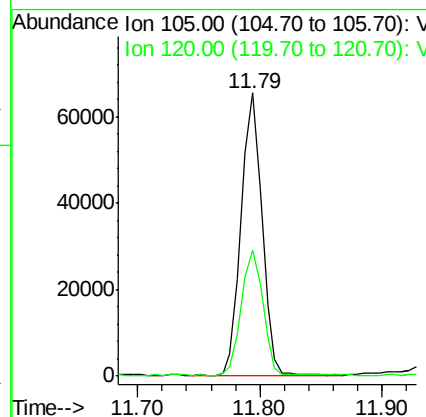
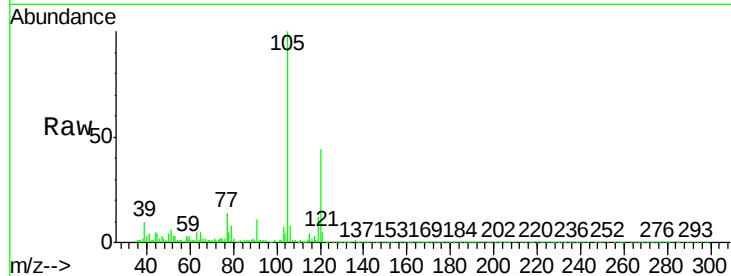
#84
 1,2,4-Trimethylbenzene
 Concen: 1.462 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015764.D
 Acq: 20 Apr 2020 14:41

Instrument :
 MSVOA_X
 ClientSampleId :
 I-LG-C-1

Tot Ion:105 Resp: 77323
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.7 68.1

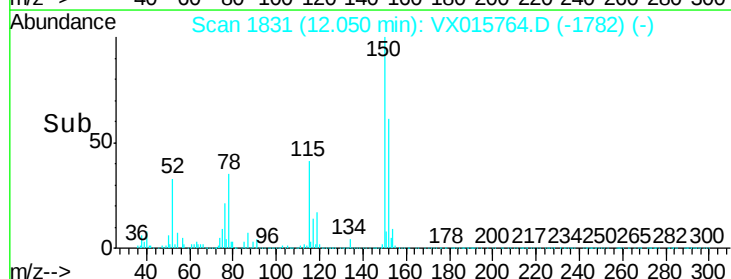
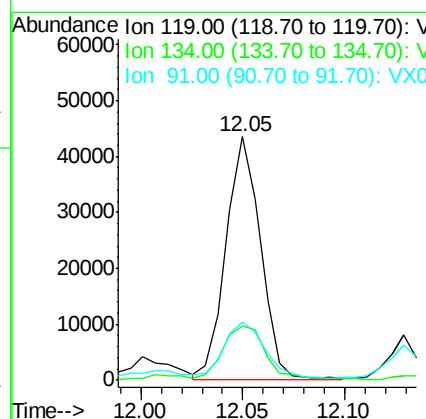
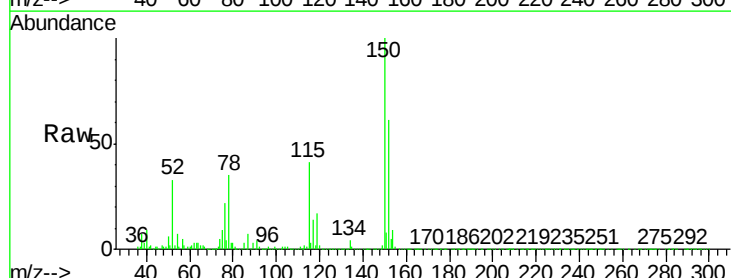
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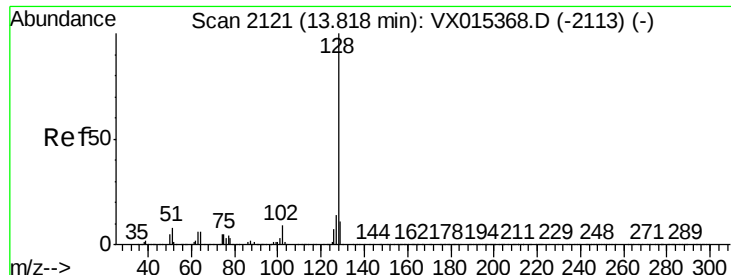
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#86
 p-Isopropyltoluene
 Concen: 0.937 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015764.D
 Acq: 20 Apr 2020 14:41

Tgt Ion:119 Resp: 51012
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.1 39.3
 91 28.3 12.4 37.4





#95
Naphthalene
Concen: 25.860 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015764.D
Acq: 20 Apr 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :
I-LG-C-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.7	8.8	13.2

Manual Integrations
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