

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015751.D
 Acq On : 17 Apr 2020 20:10
 Operator : JC/SP
 Sample : L2305-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:03:38 AM

Quant Time: Apr 20 09:23:08 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	968191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1492432	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1520176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	819434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	575425	42.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.28%	
35) Dibromofluoromethane	5.47	113	462193	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	8.70	98	1836660	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	11.12	95	799413	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.01	59	41851m	12.804	ug/l	
16) Acetone	2.42	43	3492907	595.386	ug/l	95
17) Carbon Disulfide	2.53	76	40935964m	1468.058	ug/l	
25) 2-Butanone	4.64	43	605480	64.175	ug/l	100
30) Chloroform	5.18	83	33644	1.755	ug/l	88
40) Benzene	6.12	78	1951967	48.459	ug/l	97
52) Toluene	8.77	92	272990	10.993	ug/l	100
67) Ethyl Benzene	10.24	91	172515	3.208	ug/l	97
68) m/p-Xylenes	10.34	106	190399	9.509	ug/l	98
69) o-Xylene	10.68	106	108334	5.476	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	35753	0.780	ug/l	88
84) 1,2,4-Trimethylbenzene	11.79	105	79107	1.693	ug/l	99
86) p-Isopropyltoluene	12.05	119	33291	0.692	ug/l	88
95) Naphthalene	13.82	128	2047338	33.819	ug/l	100

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

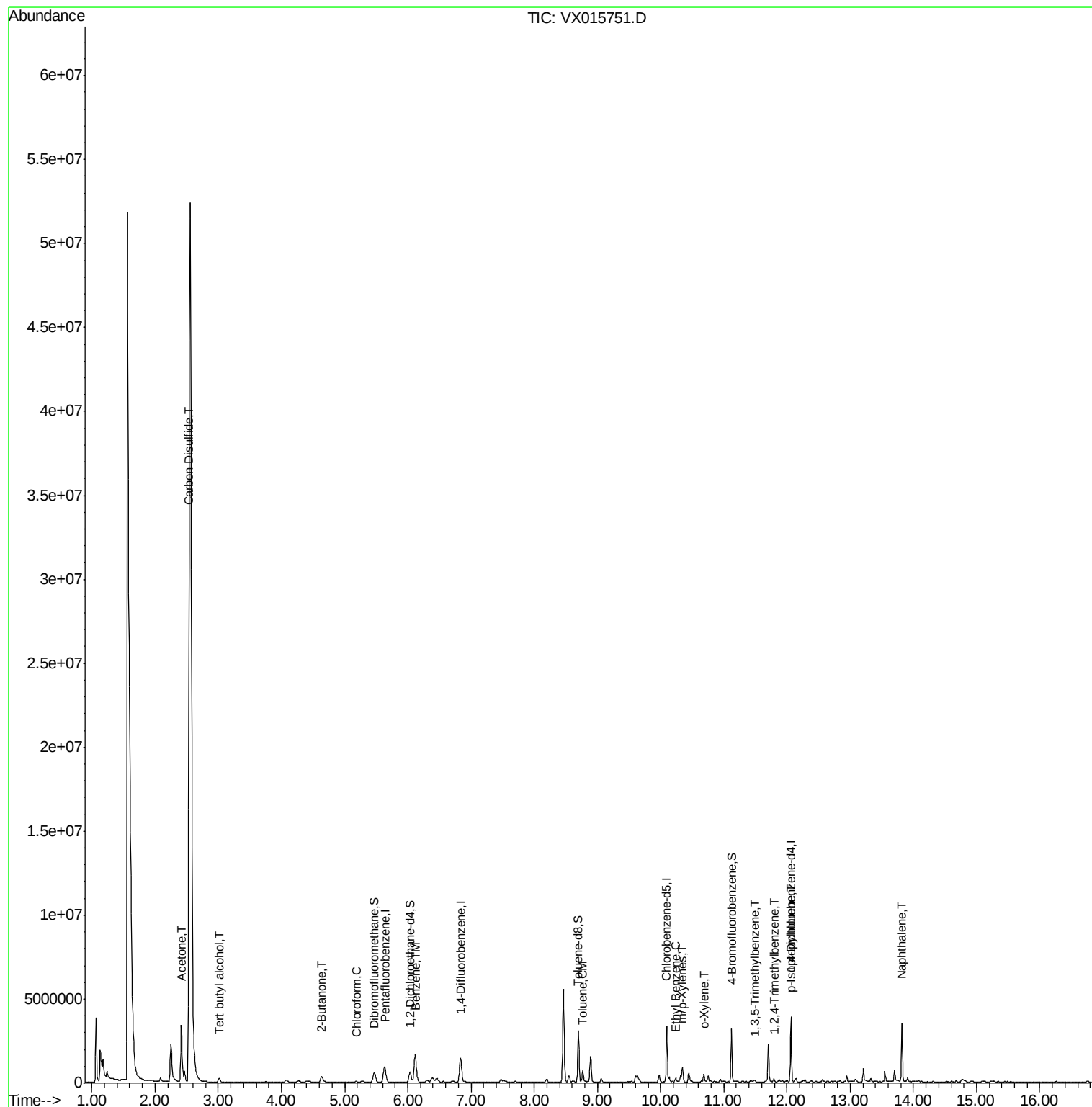
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
Data File : VX015751.D
Acq On : 17 Apr 2020 20:10
Operator : JC/SP
Sample : L2305-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

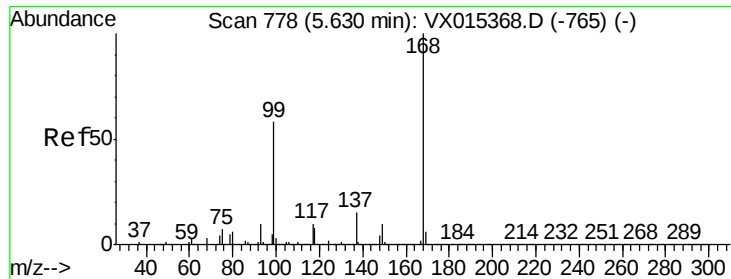
Instrument :
MSVOA_X
ClientSampleId :
I-LG-C-1

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Quant Time: Apr 20 09:23:08 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





#1

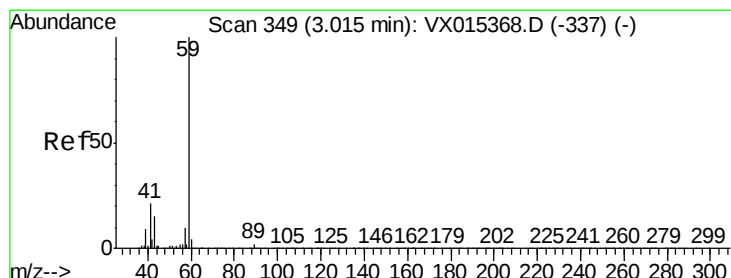
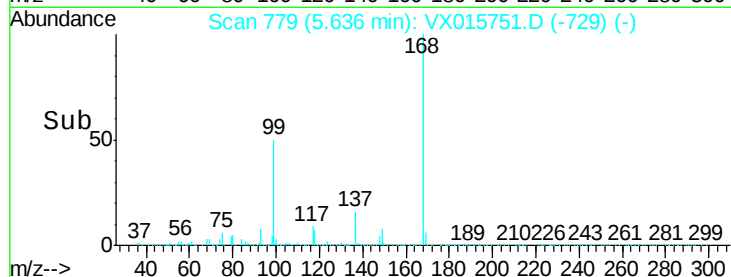
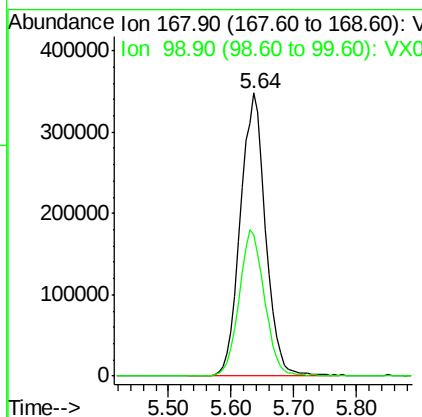
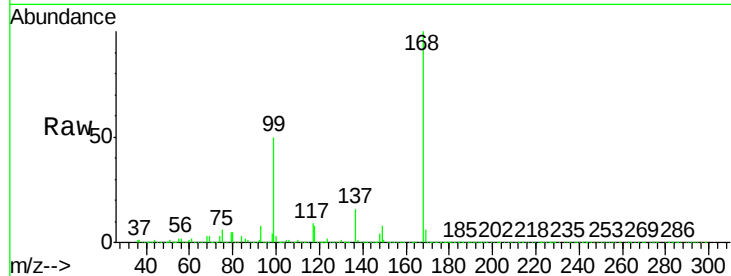
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015751.D
 Acq: 17 Apr 2020 20:10

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

Tot Ion	Ratio	Resp	Lower	Upper
168	100	968191		
99	49.9	46.4	69.6	

Manual Integrations
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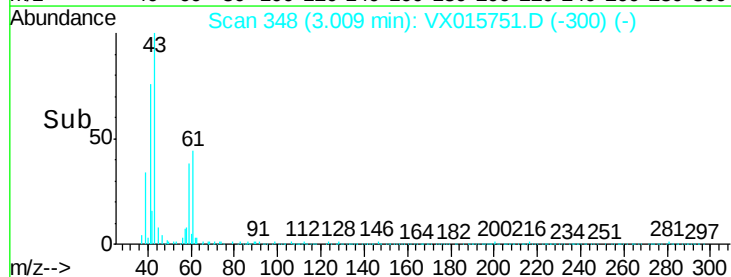
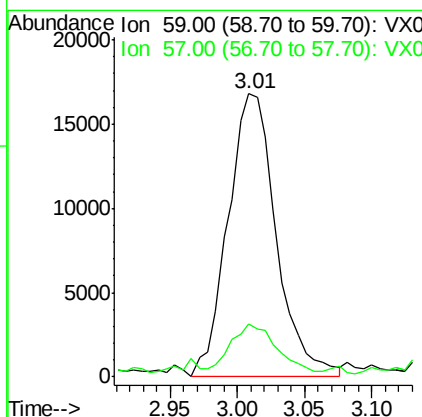
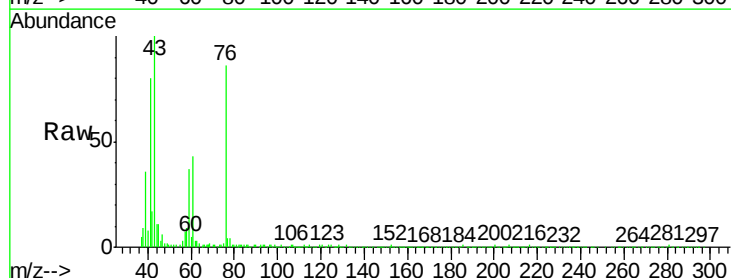
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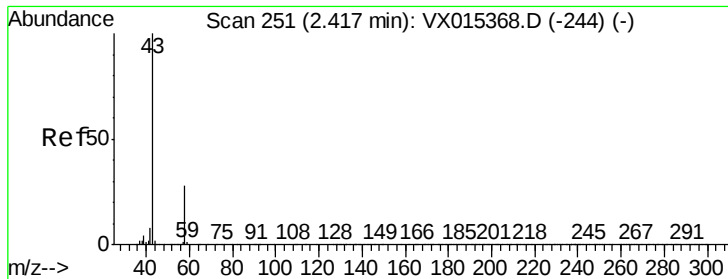


#11

Tert butyl alcohol
 Concen: 12.804 ug/l m
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015751.D
 Acq: 17 Apr 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	41851		
57	0.0	8.1	12.1	#





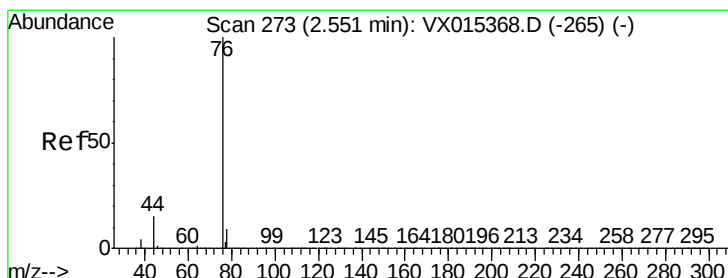
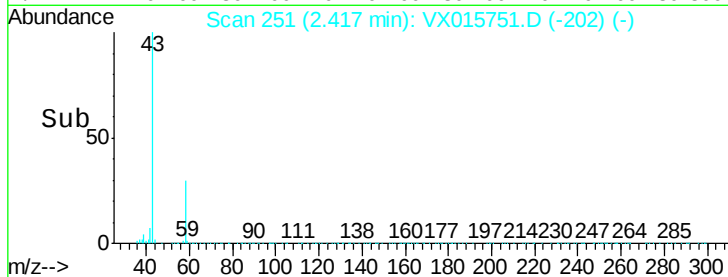
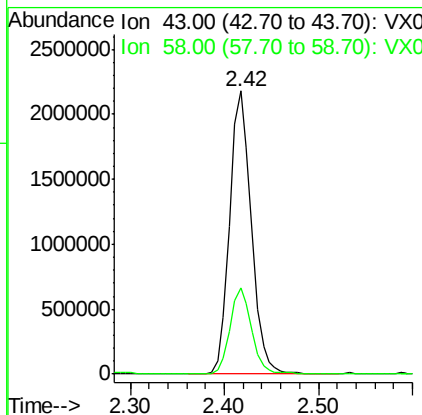
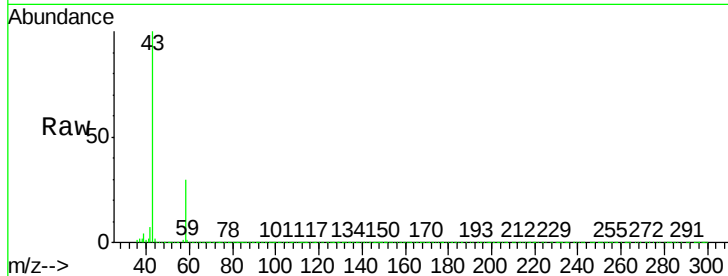
#16
Acetone
Concen: 595.386 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015751.D
Acq: 17 Apr 2020 20:10

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

Tot Ion: 43 Resp: 3492907
Ion Ratio Lower Upper
43 100
58 30.2 22.1 33.1

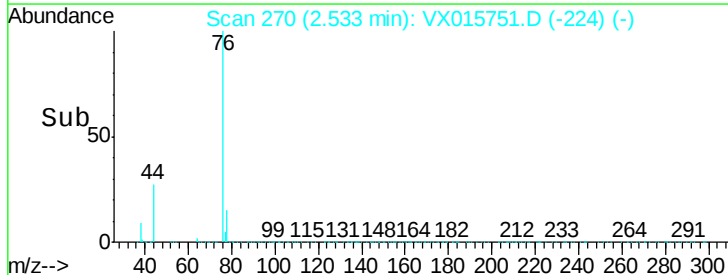
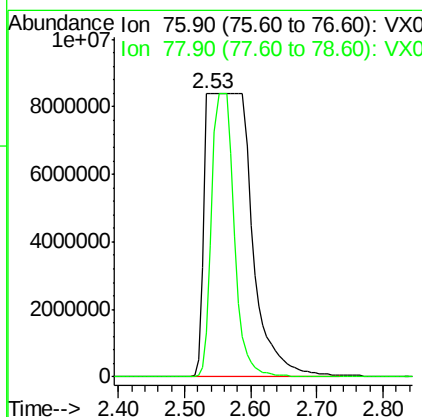
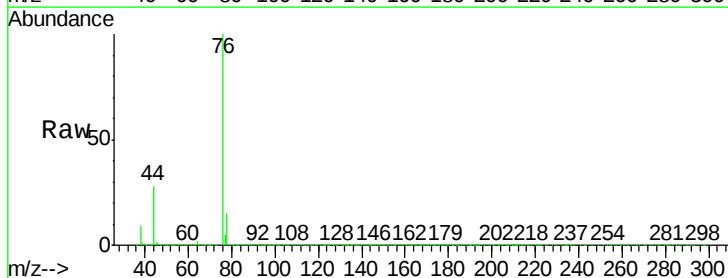
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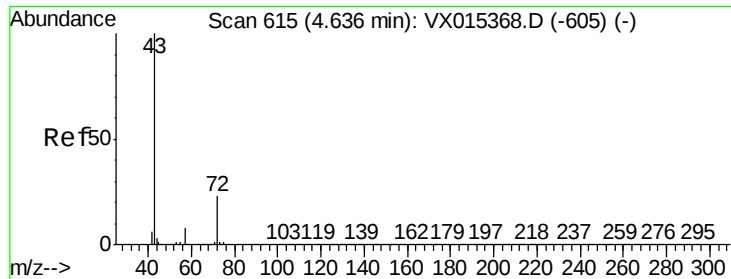
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#17
Carbon Disulfide
Concen: 1468.058 ug/l m
RT: 2.53 min Scan# 270
Delta R.T. -0.02 min
Lab File: VX015751.D
Acq: 17 Apr 2020 20:10

Tgt Ion: 76 Resp: 40935964
Ion Ratio Lower Upper
76 100
78 15.4 7.1 10.7#





#25

2-Butanone

Concen: 64.175 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015751.D

Acq: 17 Apr 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

I-LG-C-1

Tot Ion: 43 Resp: 605480

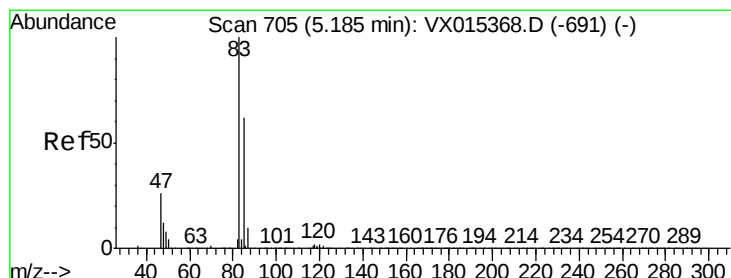
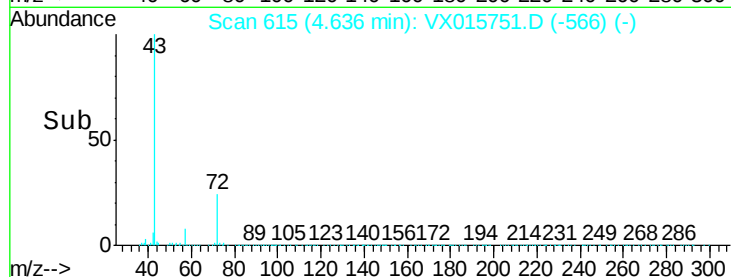
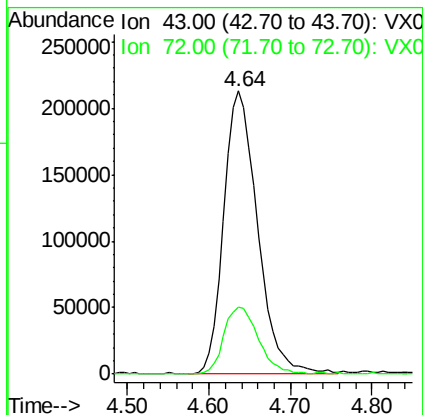
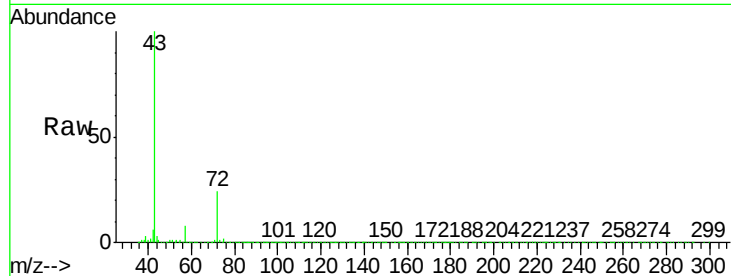
Ion Ratio Lower Upper

43 100

72 23.7 19.0 28.4

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#30

Chloroform

Concen: 1.755 ug/l

RT: 5.18 min Scan# 705

Delta R.T. -0.00 min

Lab File: VX015751.D

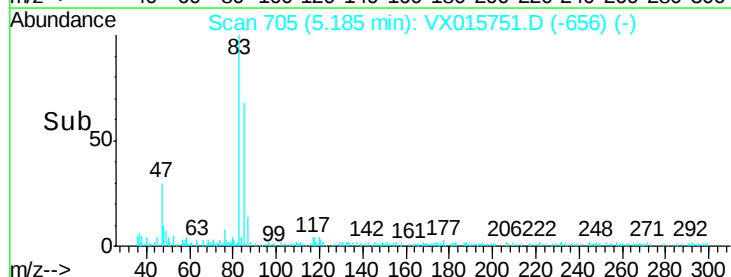
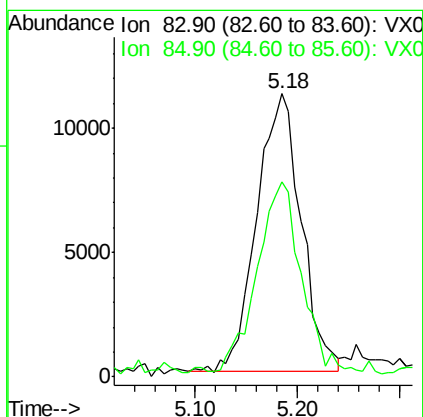
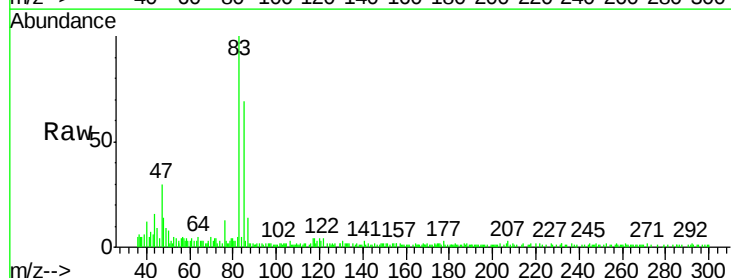
Acq: 17 Apr 2020 20:10

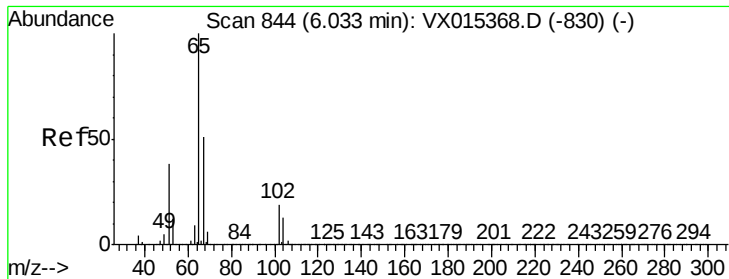
Tgt Ion: 83 Resp: 33644

Ion Ratio Lower Upper

83 100

85 70.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 42.139 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015751.D

Acq: 17 Apr 2020 20:10

Instrument :

MSVOA_X

ClientSampled :

I-LG-C-1

Tot Ion: 65 Resp: 575425

Ion Ratio Lower Upper

65 100

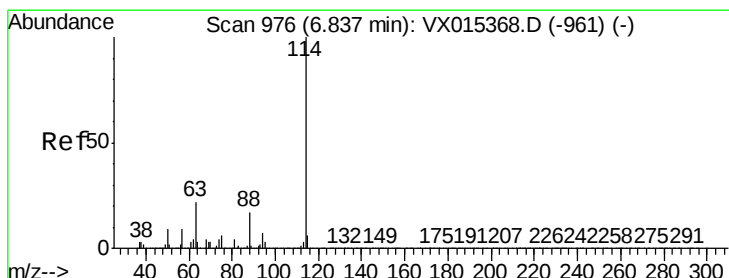
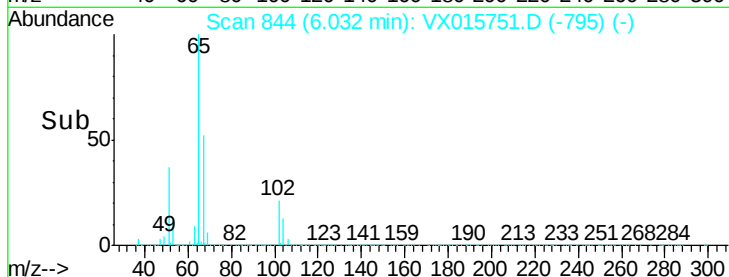
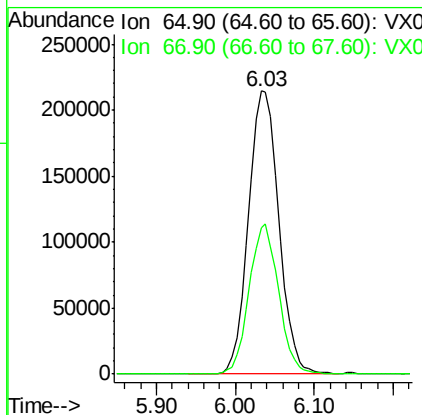
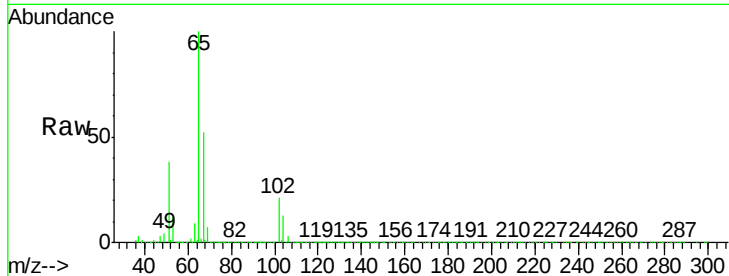
67 51.3 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015751.D

Acq: 17 Apr 2020 20:10

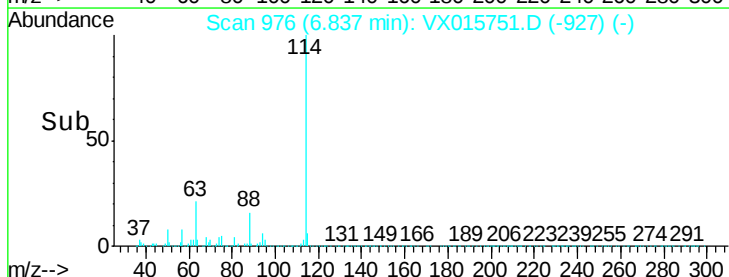
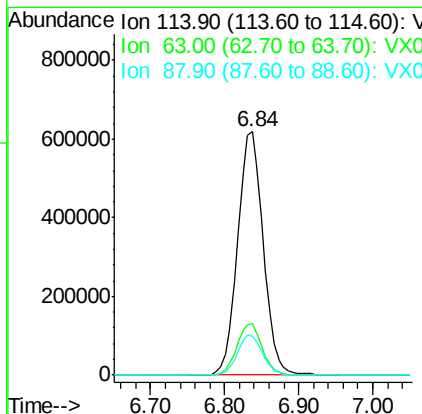
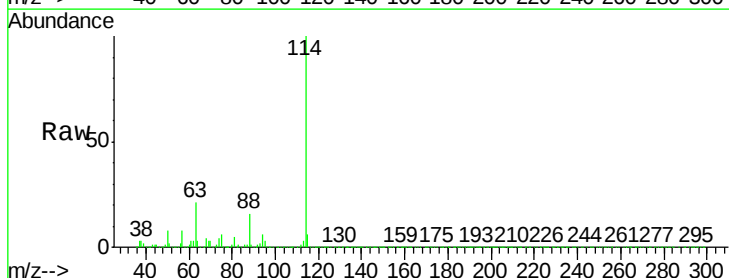
Tgt Ion: 114 Resp: 1492432

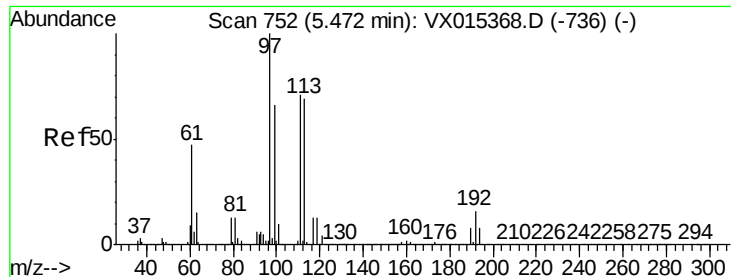
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.2

88 15.7 0.0 33.8





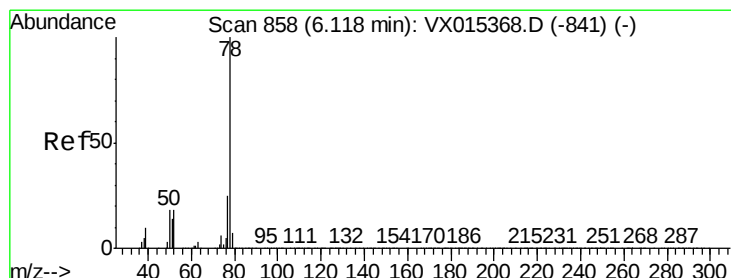
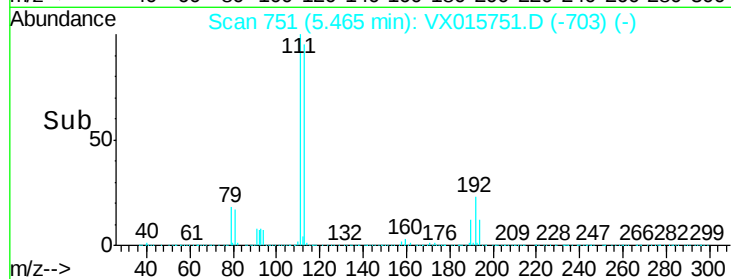
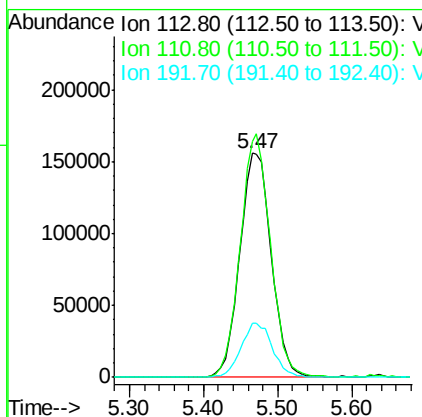
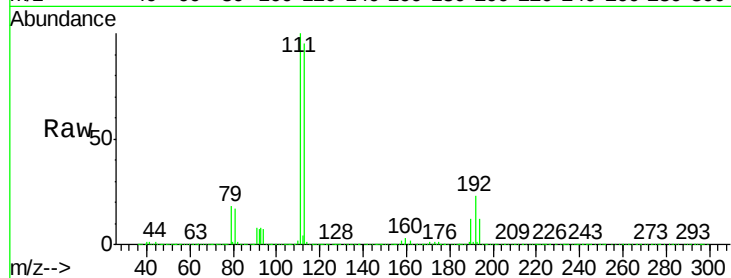
#35
Dibromofluoromethane
Concen: 48.448 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015751.D
Acq: 17 Apr 2020 20:10

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.5	122.3
192	24.3	17.8	26.6

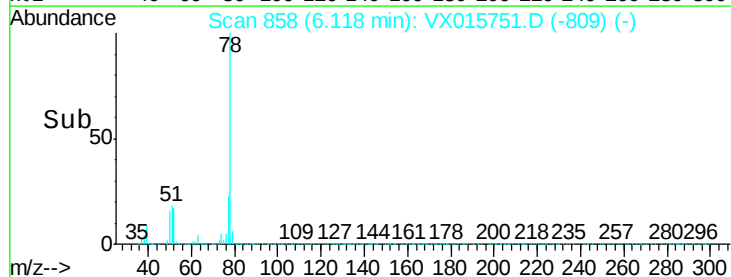
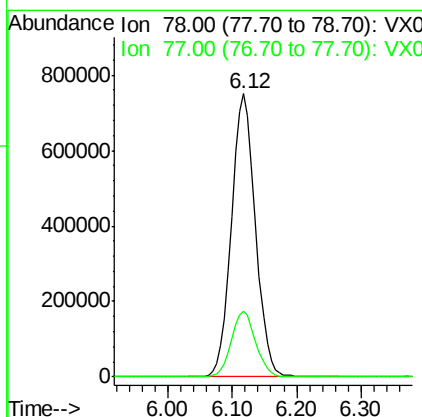
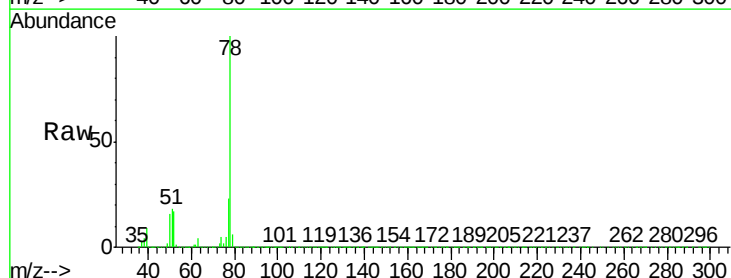
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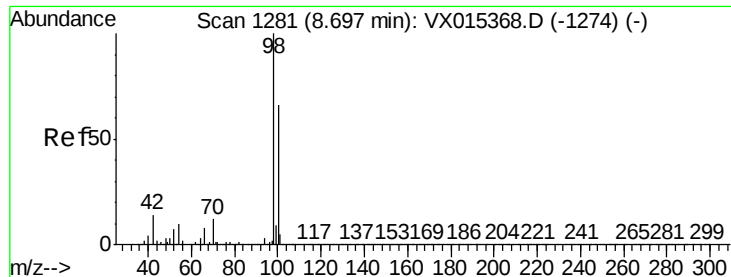
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#40
Benzene
Concen: 48.459 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015751.D
Acq: 17 Apr 2020 20:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.8	29.8





#50

Toluene-d8

Concen: 52.291 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015751.D

Acq: 17 Apr 2020 20:10

Instrument :

MSVOA_X

ClientSampled :

I-LG-C-1

Tot Ion: 98 Resp: 1836660

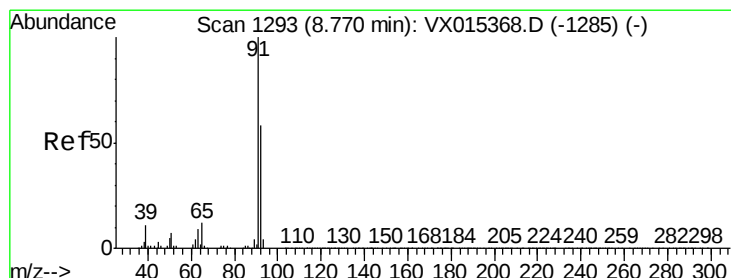
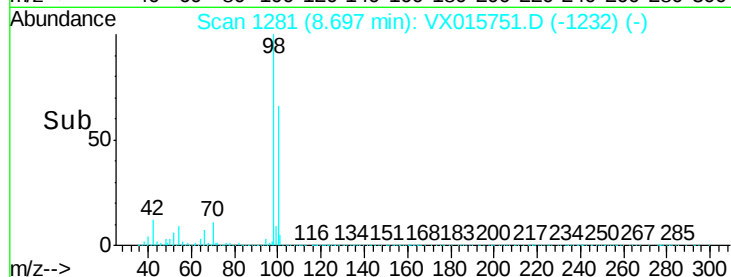
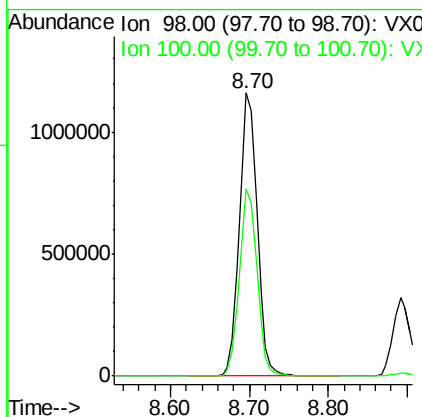
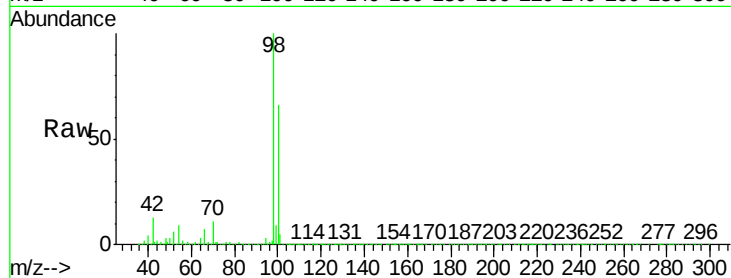
Ion Ratio Lower Upper

98 100

100 65.9 53.5 80.3

Manual Integrations
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#52

Toluene

Concen: 10.993 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015751.D

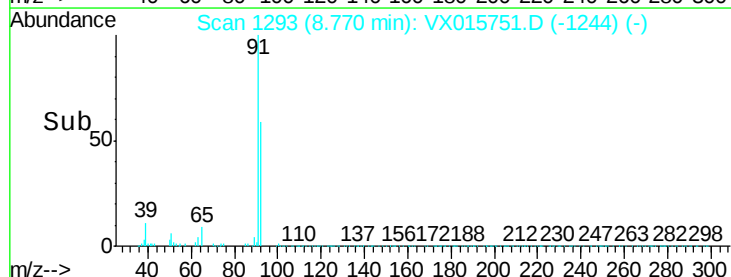
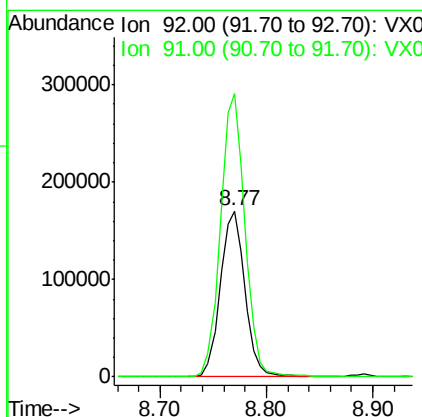
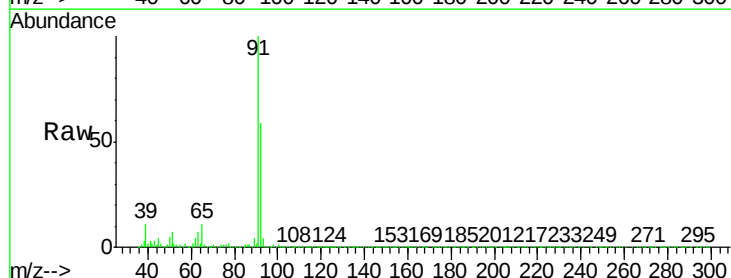
Acq: 17 Apr 2020 20:10

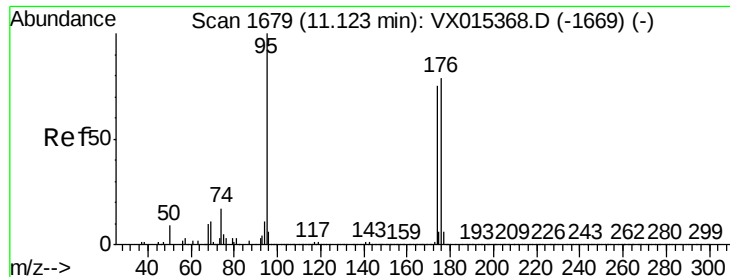
Tgt Ion: 92 Resp: 272990

Ion Ratio Lower Upper

92 100

91 170.1 136.6 205.0





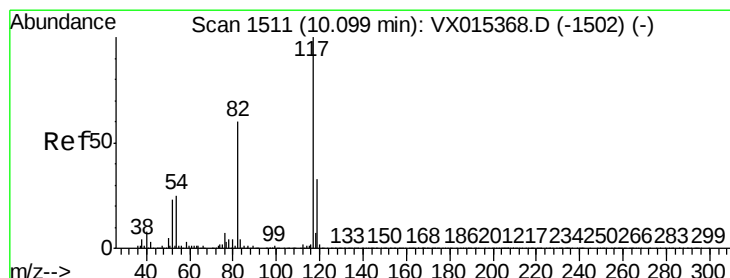
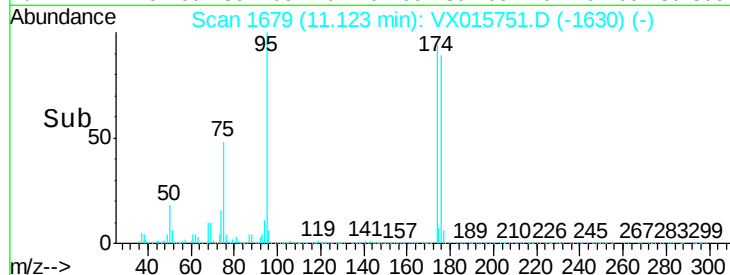
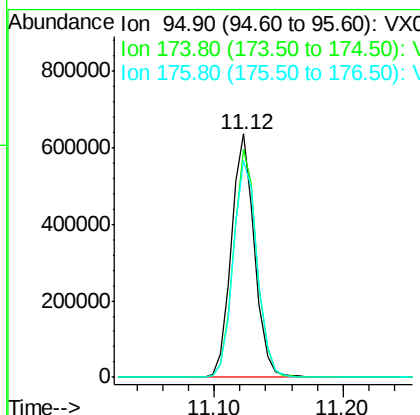
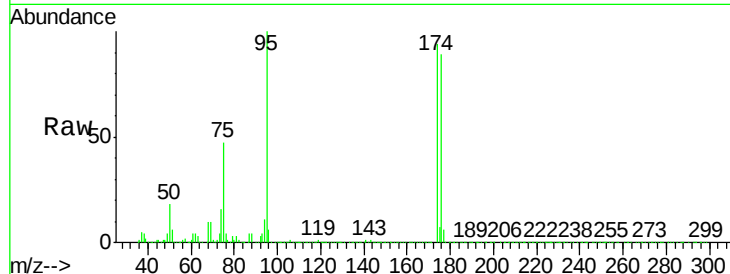
#62
4-Bromofluorobenzene
Concen: 56.003 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015751.D
Acq: 17 Apr 2020 20:10

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

Tot Ion	Ratio	Resp	Lower	Upper
95	100	799413		
174	94.0	0.0	158.6	
176	91.8	0.0	159.0	

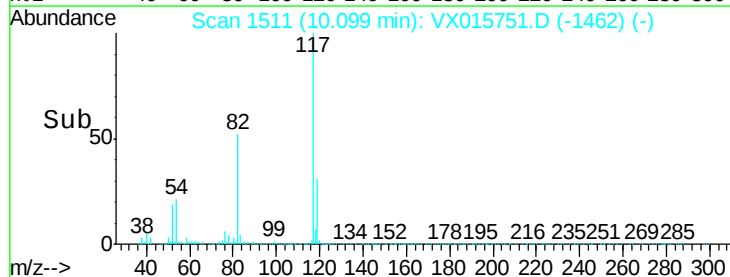
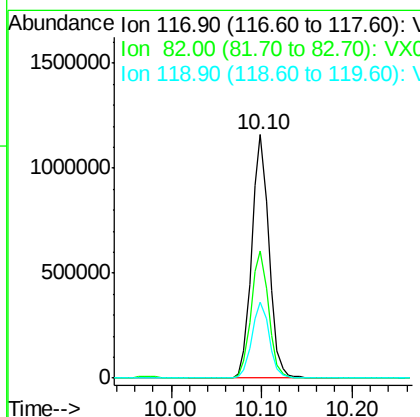
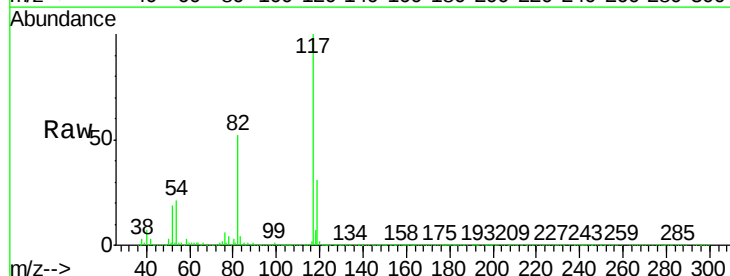
Manual Integrations
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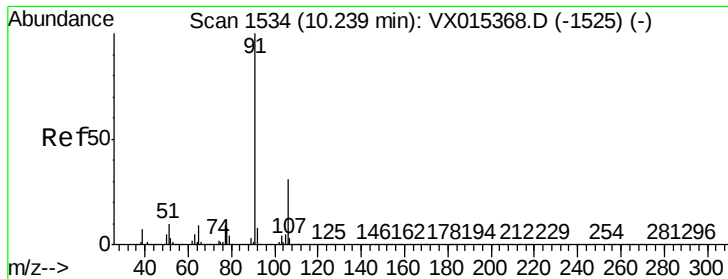
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015751.D
Acq: 17 Apr 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1520176		
82	52.4	47.8	71.8	
119	31.4	26.8	40.2	





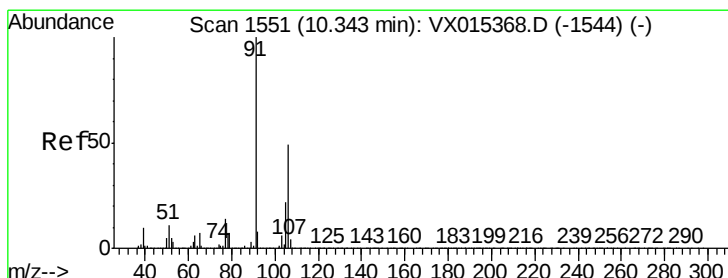
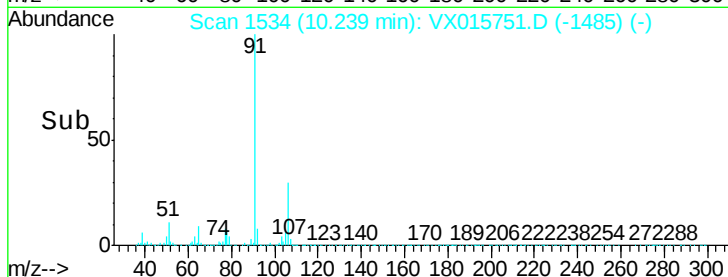
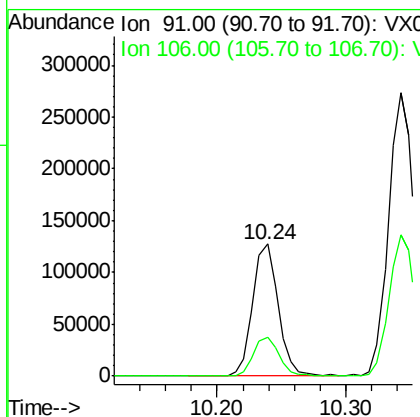
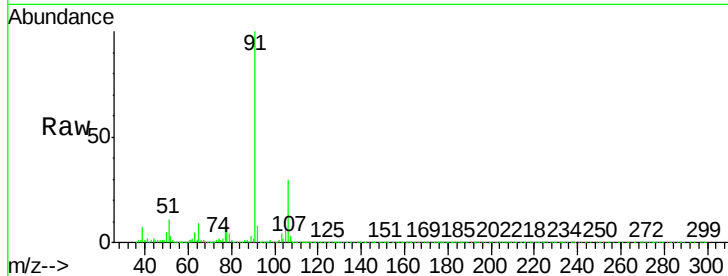
#67
Ethyl Benzene
Concen: 3.208 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015751.D
Acq: 17 Apr 2020 20:10

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

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.8	37.2

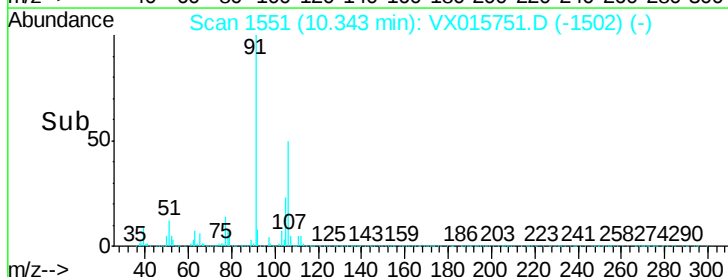
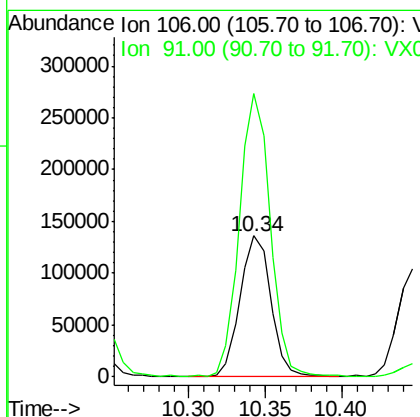
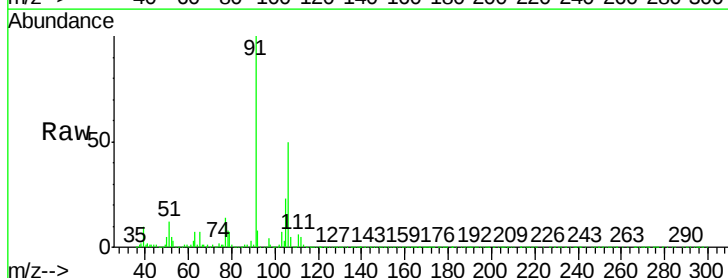
Manual Integrations
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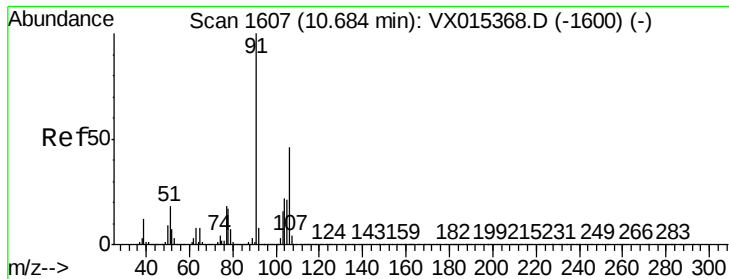
MMDadoda
4/20/2020 10:03:38 AM



#68
m/p-Xylenes
Concen: 9.509 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015751.D
Acq: 17 Apr 2020 20:10

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.4	163.4	245.0





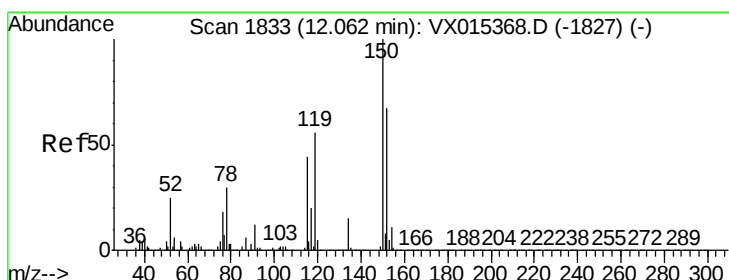
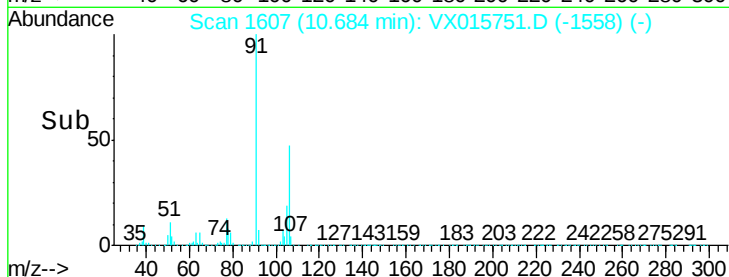
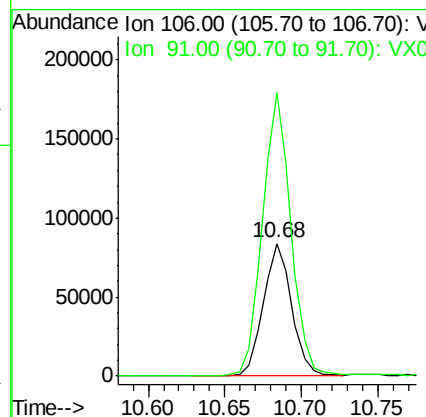
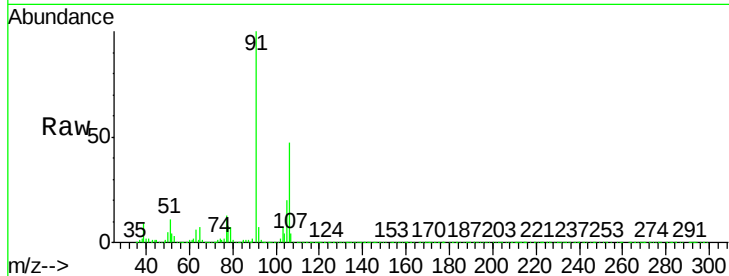
#69
o-Xylene
Concen: 5.476 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015751.D
Acq: 17 Apr 2020 20:10

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

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	212.4	107.1	321.3	

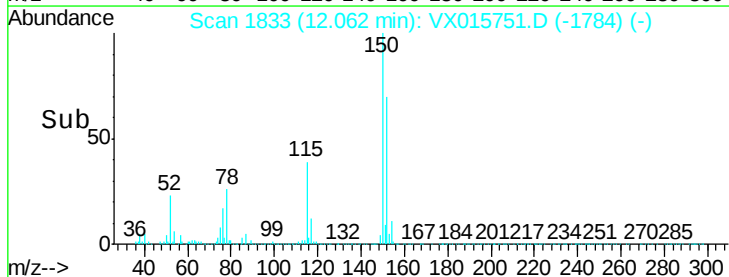
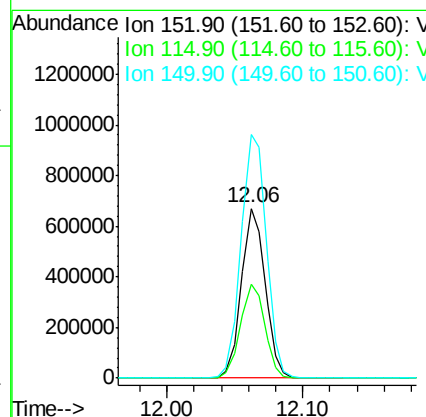
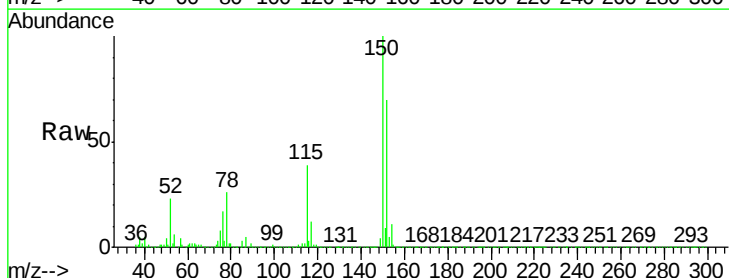
Manual Integrations
APPROVED

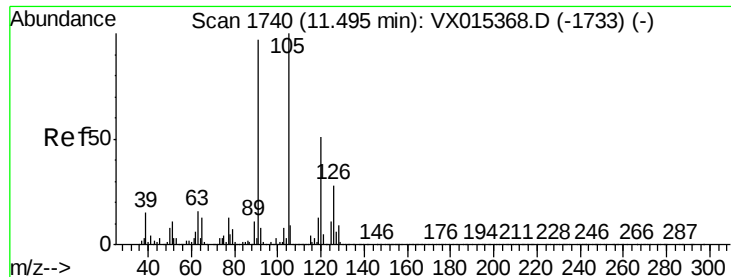
MMDadoda
4/20/2020 10:03:38 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015751.D
Acq: 17 Apr 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	56.6	39.0	116.9	
150	152.2	0.0	340.8	





#80

1,3,5-Trimethylbenzene

Concen: 0.780 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015751.D

Acq: 17 Apr 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

I-LG-C-1

Tot Ion:105 Resp: 35753

Ion Ratio Lower Upper

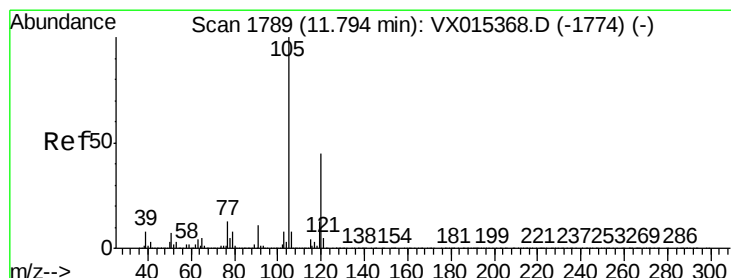
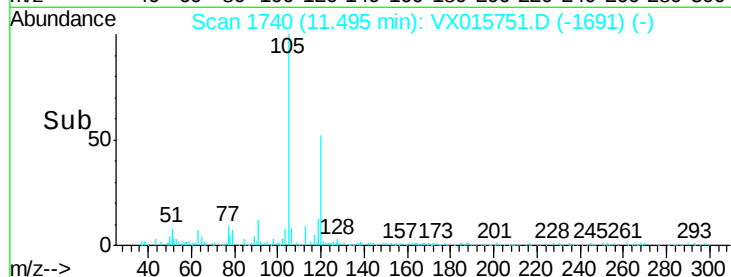
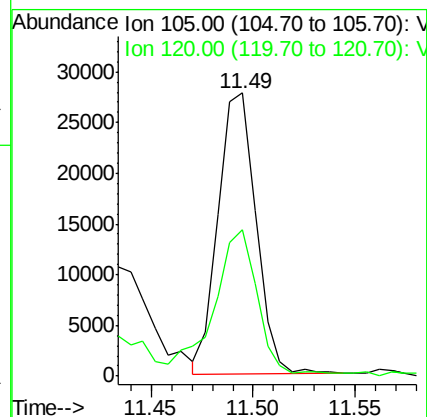
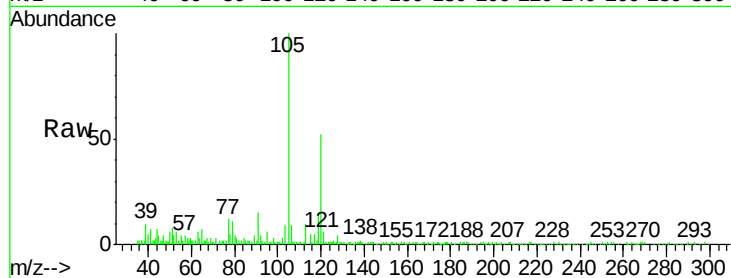
105 100

120 57.8 24.8 74.4

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#84

1,2,4-Trimethylbenzene

Concen: 1.693 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015751.D

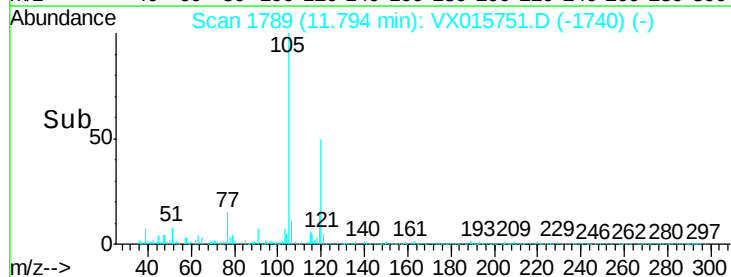
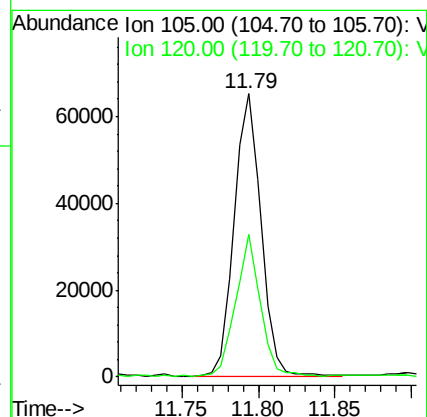
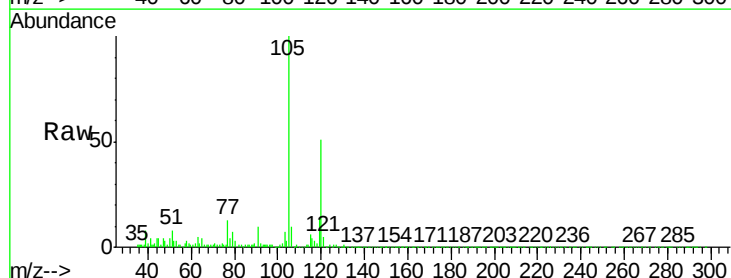
Acq: 17 Apr 2020 20:10

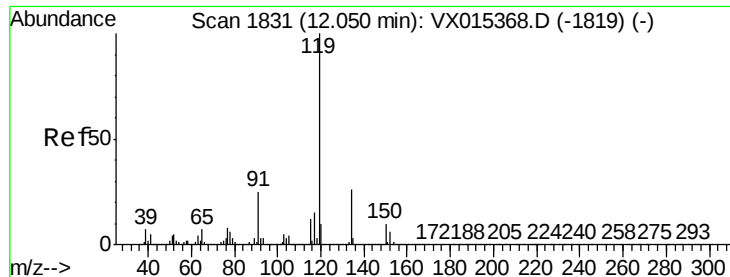
Tgt Ion:105 Resp: 79107

Ion Ratio Lower Upper

105 100

120 46.2 22.7 68.1





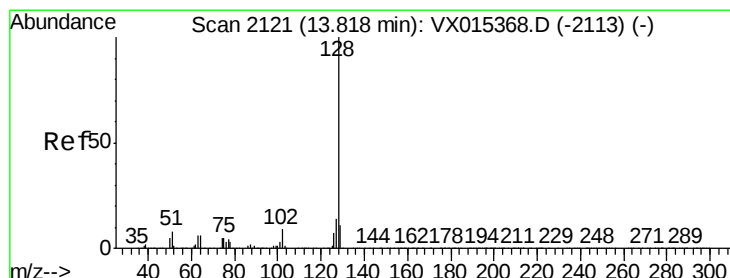
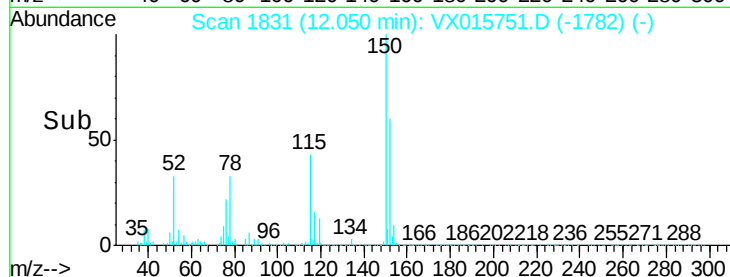
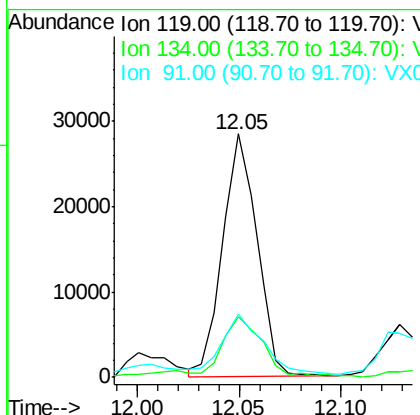
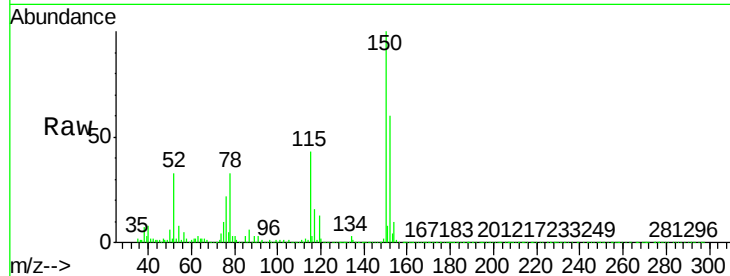
#86
p-Isopropyltoluene
Concen: 0.692 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VX015751.D
Acq: 17 Apr 2020 20:10

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	33291		
134	34.0	13.1	39.3	
91	29.5	12.4	37.4	

Manual Integrations
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#95
Naphthalene
Concen: 33.819 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015751.D
Acq: 17 Apr 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	2047338		
127	13.1	10.6	15.8	
129	11.0	8.8	13.2	

