

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015749.D
 Acq On : 17 Apr 2020 19:25
 Operator : JC/SP
 Sample : L2305-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I-OC-1

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:03:25 AM

Quant Time: Apr 20 09:11:20 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	1066372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1653290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1610732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	910664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	621432	41.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.64%	
35) Dibromofluoromethane	5.47	113	513972	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	8.70	98	1959544	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.12	95	841804	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	42082m	11.690	ug/l	
16) Acetone	2.42	43	3200199	495.269	ug/l	96
17) Carbon Disulfide	2.56	76	65078612m	2118.989	ug/l	
25) 2-Butanone	4.64	43	644986	62.069	ug/l	98
40) Benzene	6.12	78	5690847	127.534	ug/l	97
52) Toluene	8.77	92	1747961	63.537	ug/l	97
67) Ethyl Benzene	10.24	91	1199640	21.056	ug/l	99
68) m/p-Xylenes	10.34	106	2009677	94.730	ug/l	98
69) o-Xylene	10.68	106	776236	37.028	ug/l	100
73) Isopropylbenzene	11.01	105	24506	0.411	ug/l	88
78) n-propylbenzene	11.34	91	59970	0.879	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	264321	5.187	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	915932	17.638	ug/l	98
86) p-Isopropyltoluene	12.05	119	206287	3.860	ug/l	100
95) Naphthalene	13.81	128	19283405m	286.622	ug/l	

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

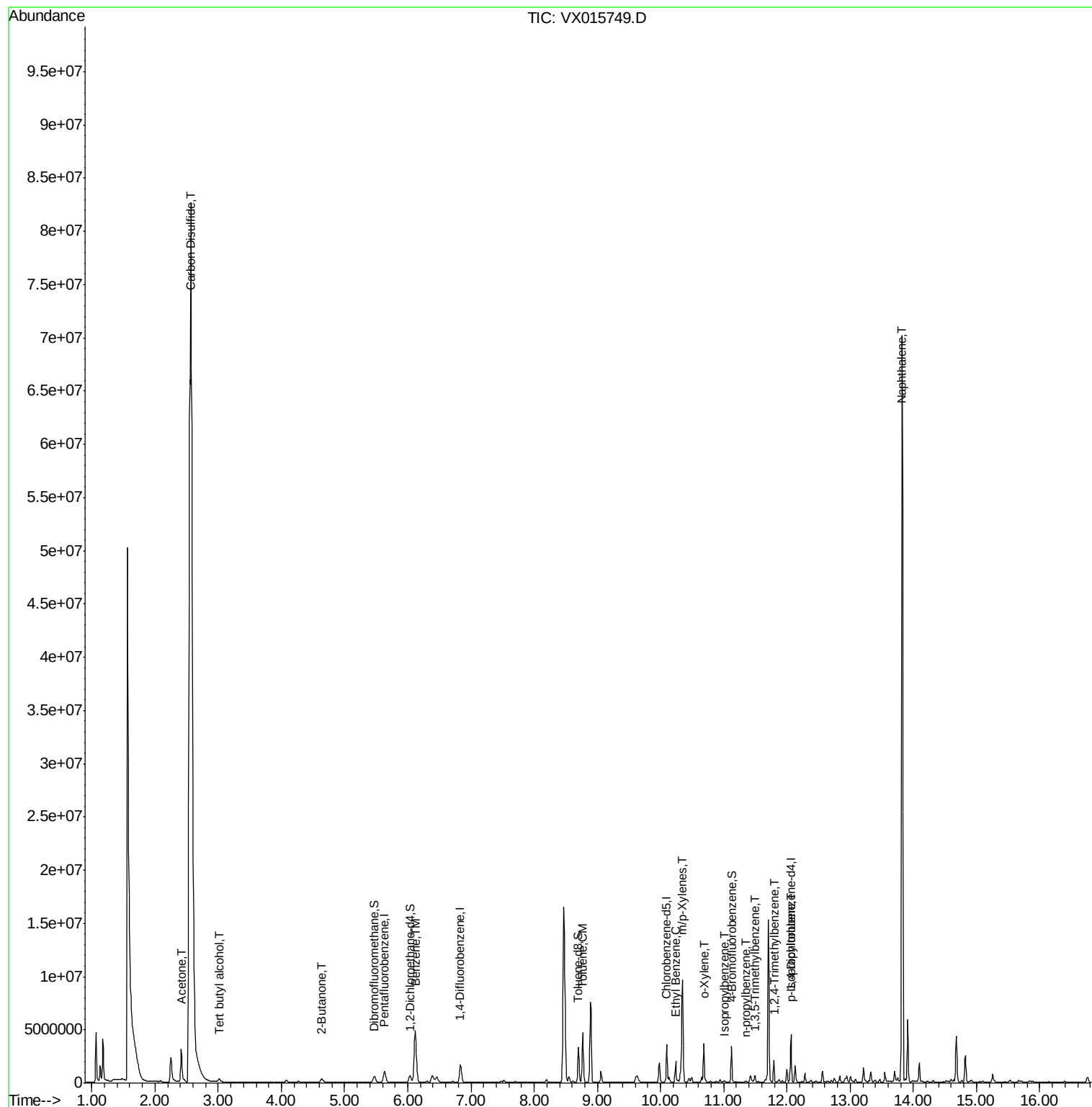
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041720\
Data File : VX015749.D
Acq On : 17 Apr 2020 19:25
Operator : JC/SP
Sample : L2305-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

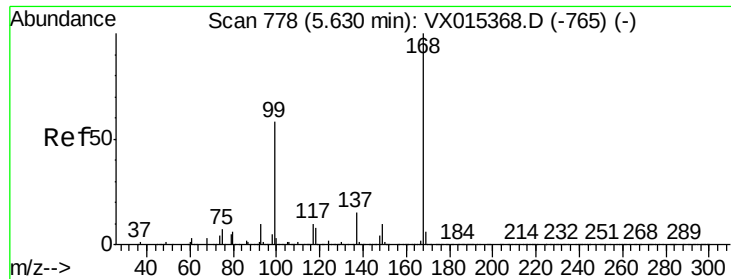
Instrument :
MSVOA_X
ClientSampleId :
I-OC-1

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:25 AM

Quant Time: Apr 20 09:11:20 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

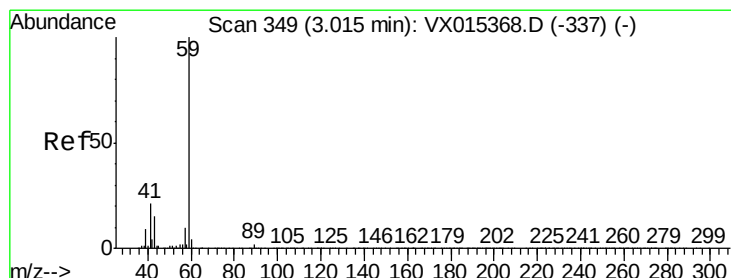
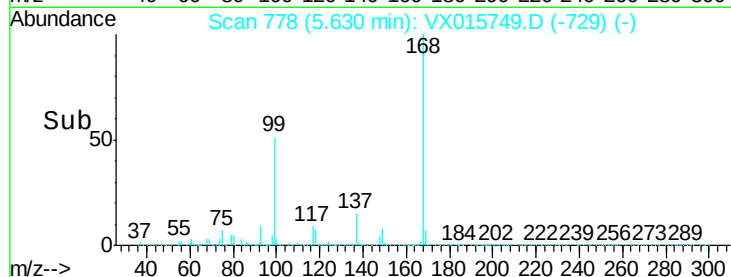
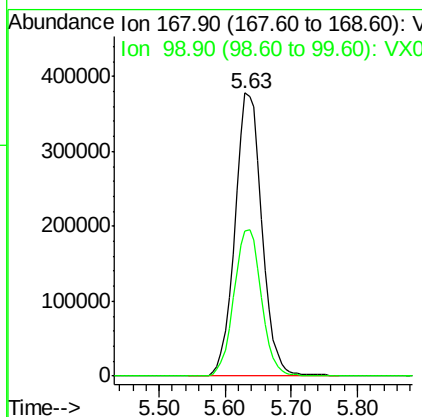
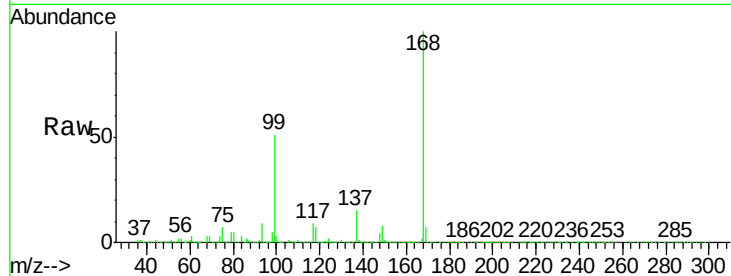
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

Instrument :
 MSVOA_X
 ClientSampled :
 I-OC-1

Tot Ion:168 Resp: 1066372
 Ion Ratio Lower Upper
 168 100
 99 51.1 46.4 69.6

Manual Integrations
 APPROVED

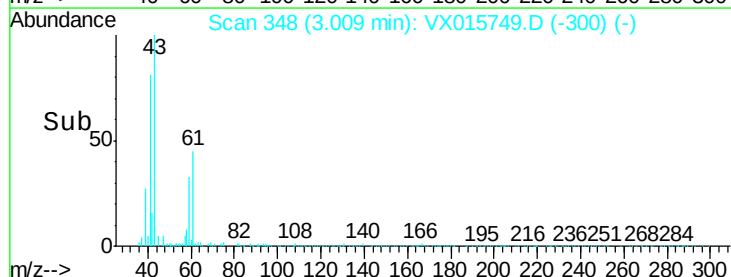
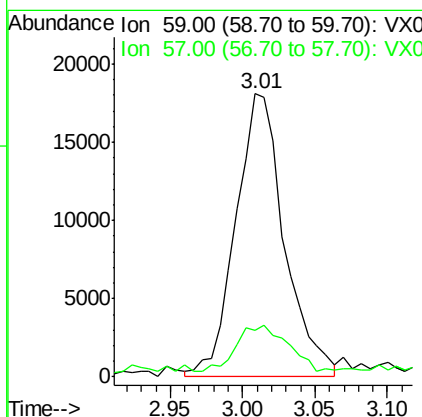
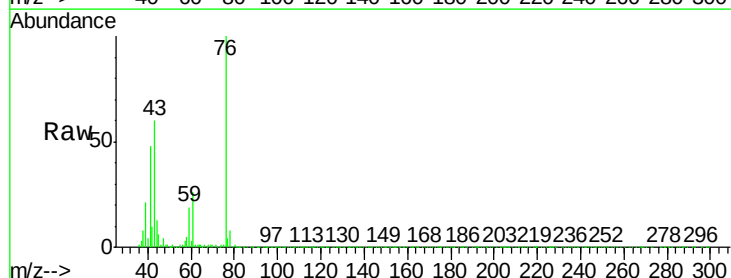
MMDadoda
 4/20/2020 10:03:25 AM

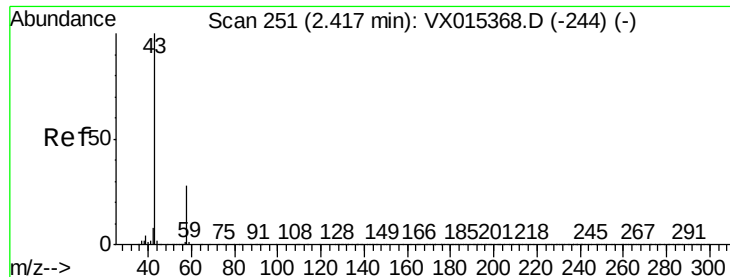


#11

Tert butyl alcohol
 Concen: 11.690 ug/l m
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

Tgt Ion: 59 Resp: 42082
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#





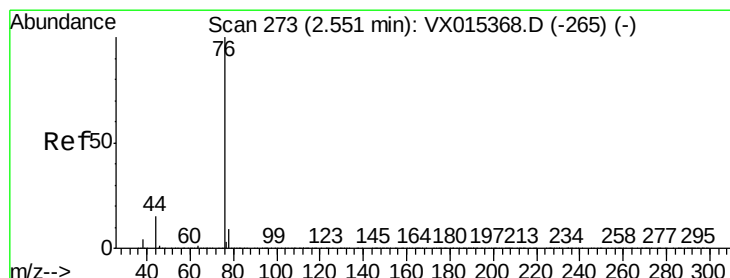
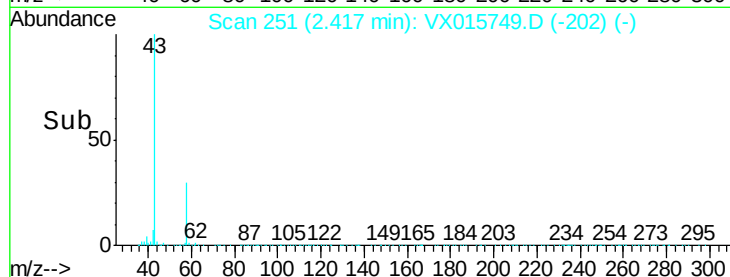
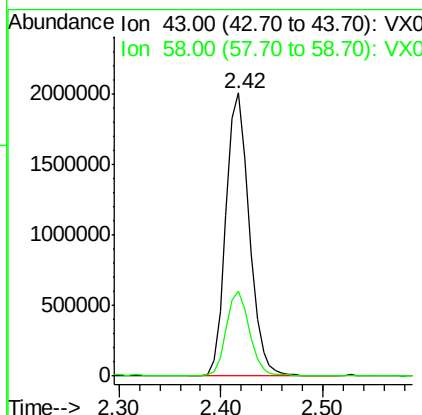
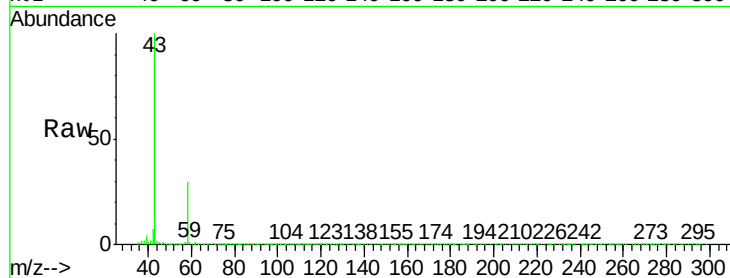
#16
Acetone
Concen: 495.269 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

Instrument :
MSVOA_X
ClientSampled :
I-OC-1

Tot Ion: 43 Resp: 3200199
Ion Ratio Lower Upper
43 100
58 29.9 22.1 33.1

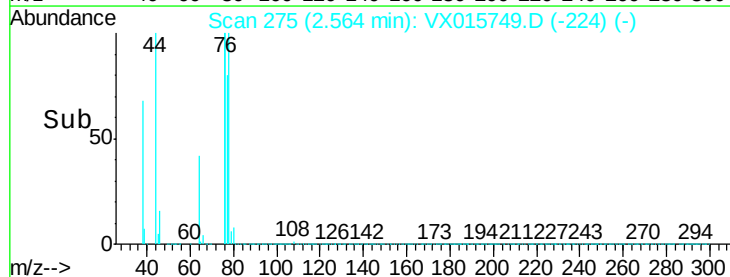
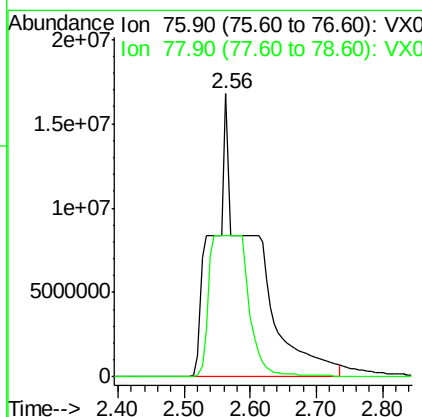
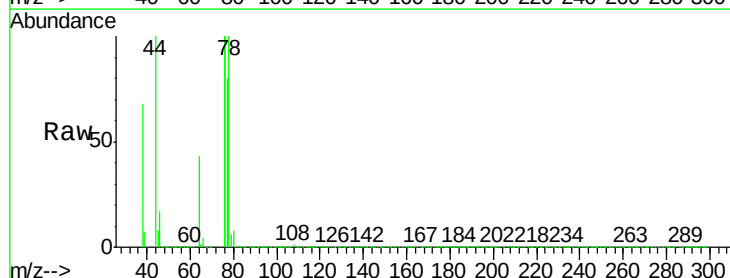
Manual Integrations
APPROVED

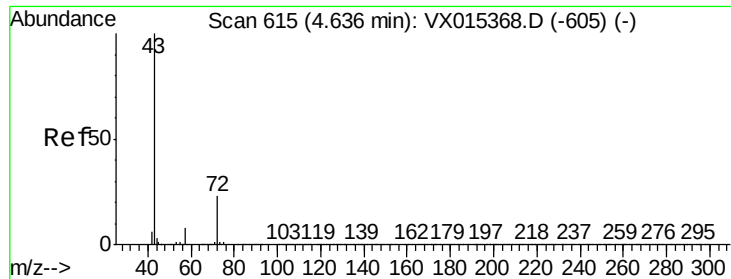
MMDadoda
4/20/2020 10:03:25 AM



#17
Carbon Disulfide
Concen: 2118.989 ug/l m
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

Tgt Ion: 76 Resp: 65078612
Ion Ratio Lower Upper
76 100
78 100.0 7.1 10.7#





#25

2-Butanone

Concen: 62.069 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Tot Ion: 43 Resp: 644986

Ion Ratio Lower Upper

43 100

72 24.4 19.0 28.4

Instrument :

MSVOA_X

ClientSampled :

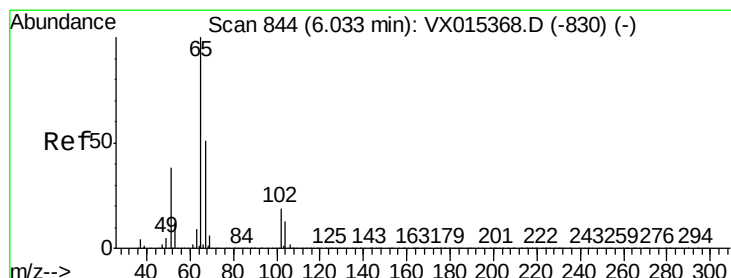
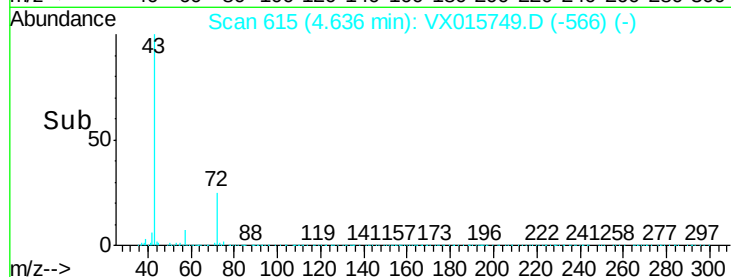
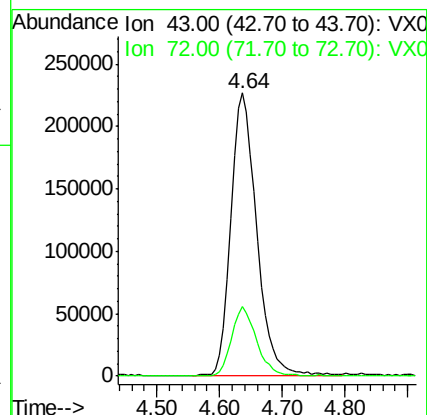
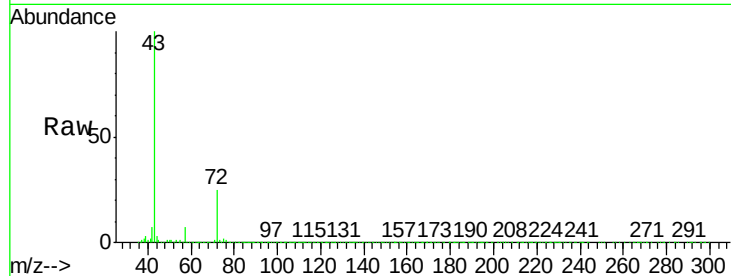
I-OC-1

Manual Integrations

APPROVED

MMDadoda

4/20/2020 10:03:25 AM



#33

1,2-Dichloroethane-d4

Concen: 41.319 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015749.D

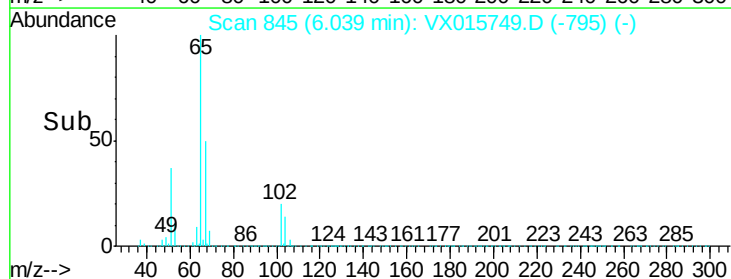
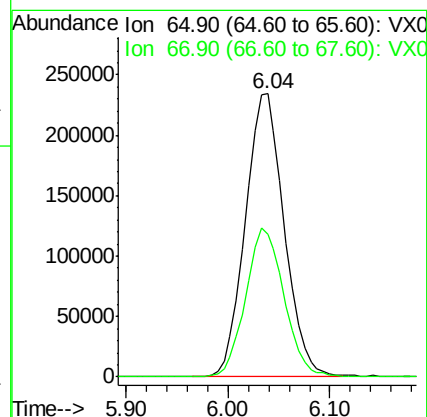
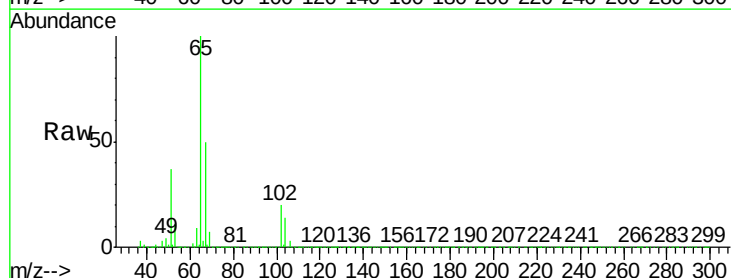
Acq: 17 Apr 2020 19:25

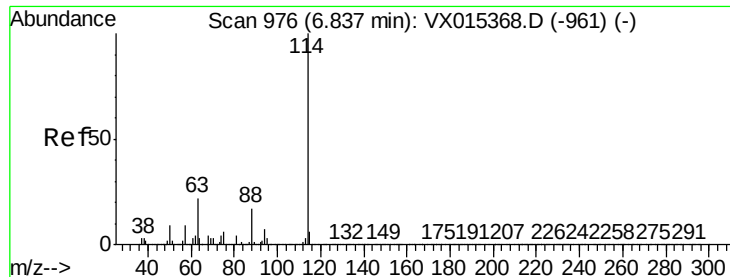
Tgt Ion: 65 Resp: 621432

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

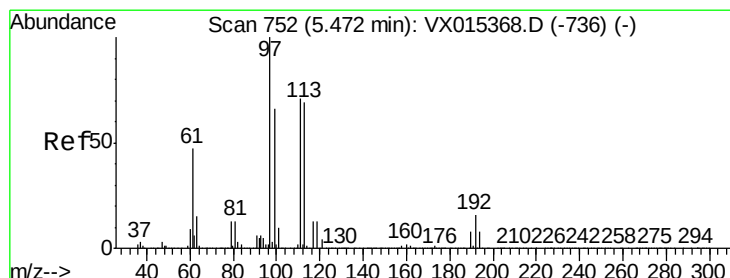
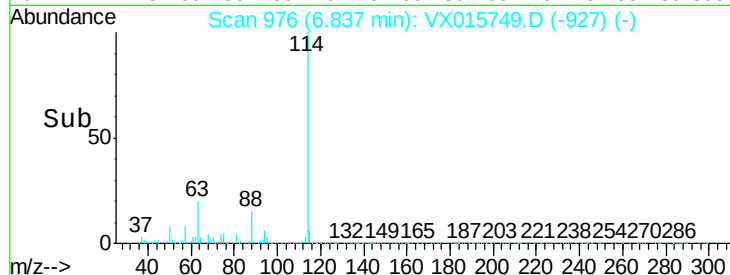
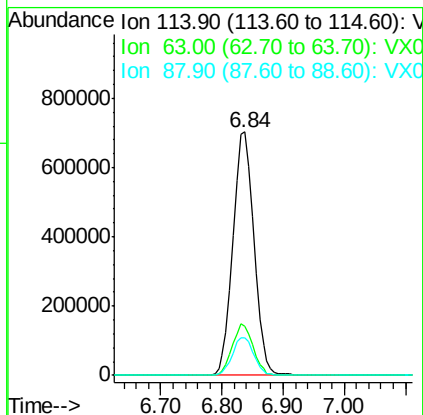
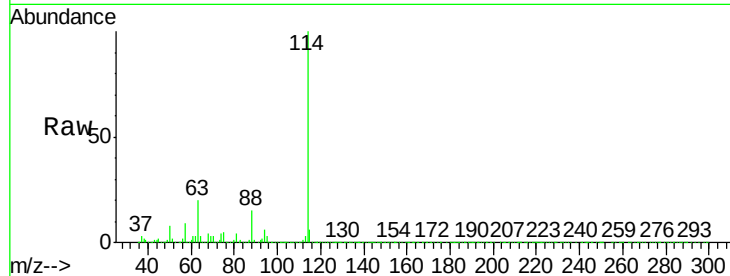
ClientSampleId :

I-OC-1

Tot Ion:	114	Resp:	1653290
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	44.2
88	15.3	0.0	33.8

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:25 AM



#35

Dibromofluoromethane

Concen: 48.633 ug/l

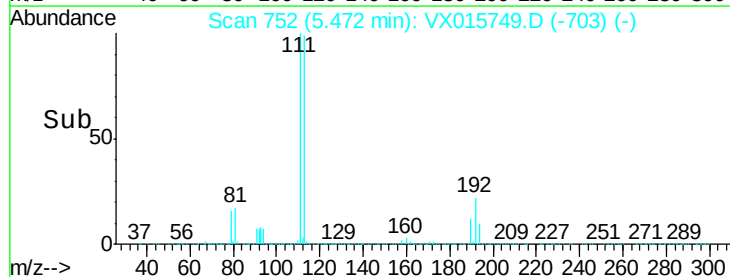
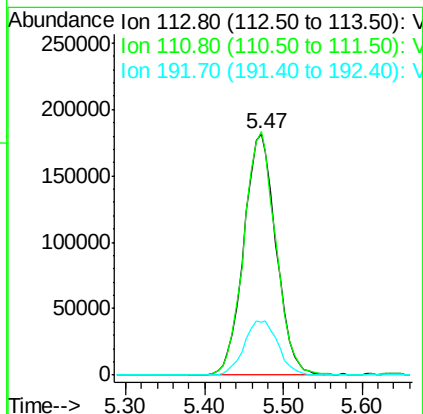
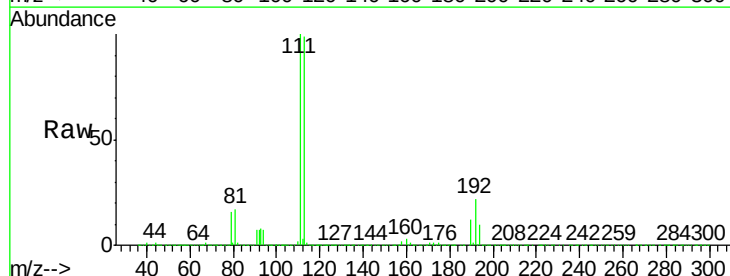
RT: 5.47 min Scan# 752

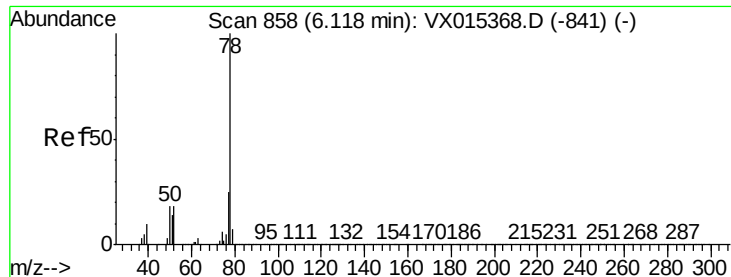
Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Tgt Ion:	113	Resp:	513972
Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.5	122.3
192	23.9	17.8	26.6





#40

Benzene

Concen: 127.534 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

ClientSampled :

I-OC-1

Tot Ion: 78 Resp: 5690847

Ion Ratio Lower Upper

78 100

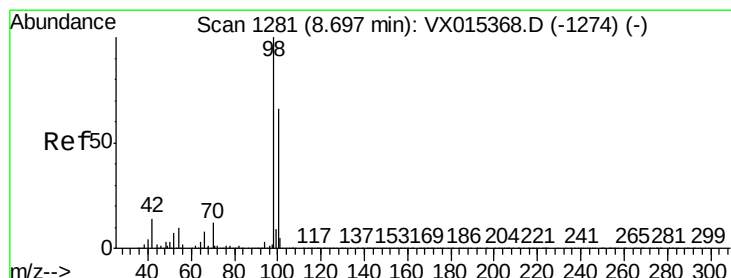
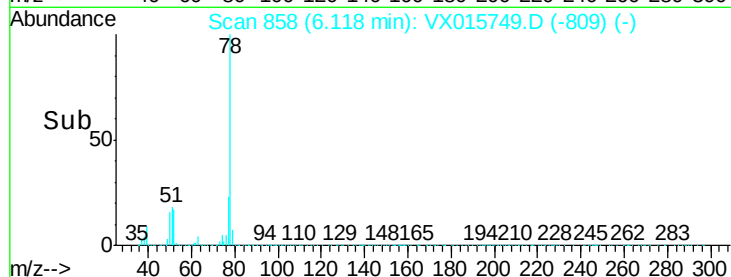
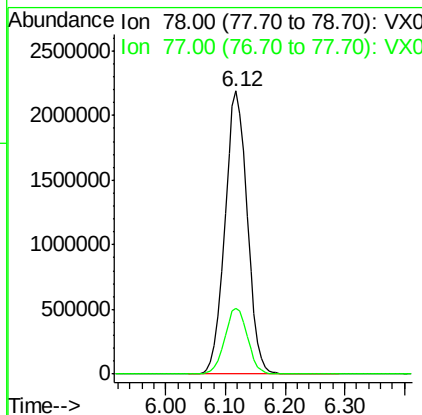
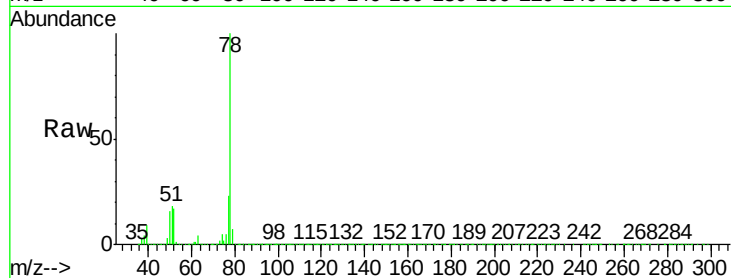
77 23.4 19.8 29.8

Manual Integrations

APPROVED

MMDadoda

4/20/2020 10:03:25 AM



#50

Toluene-d8

Concen: 50.361 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015749.D

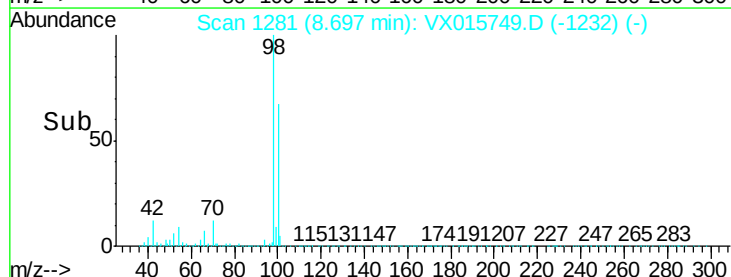
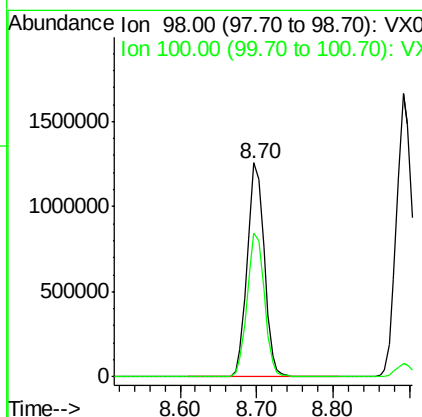
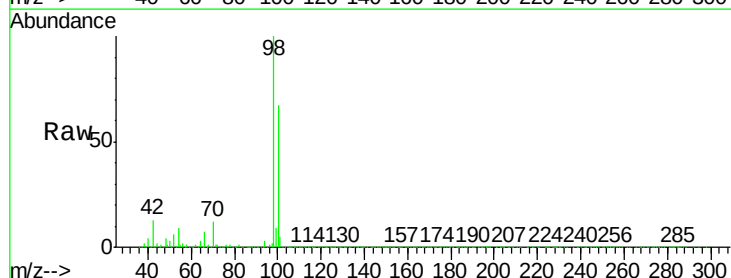
Acq: 17 Apr 2020 19:25

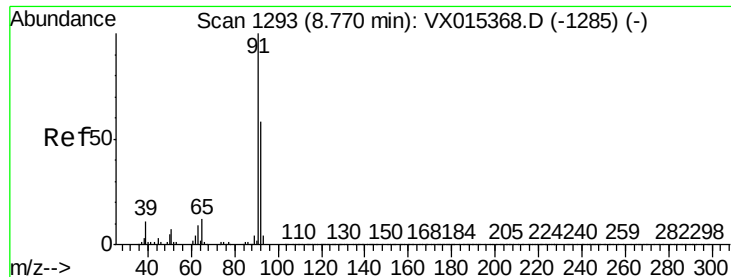
Tgt Ion: 98 Resp: 1959544

Ion Ratio Lower Upper

98 100

100 67.7 53.5 80.3





#52

Toluene

Concen: 63.537 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

ClientSampled :

I-OC-1

Tot Ion: 92 Resp: 1747961

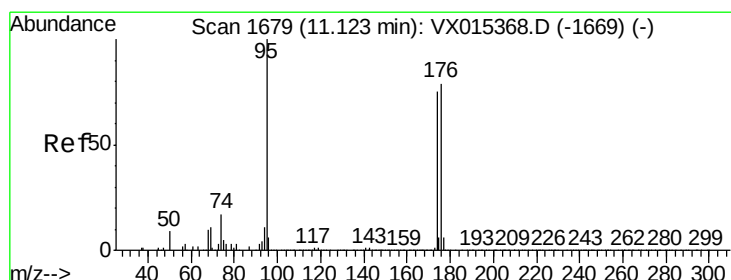
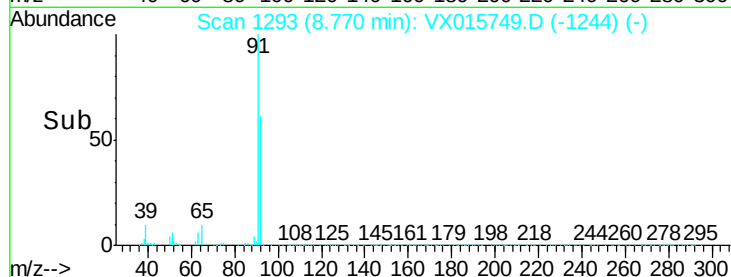
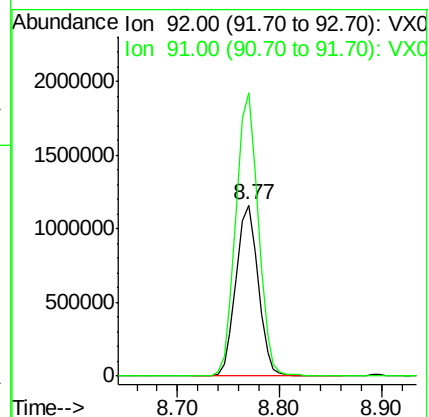
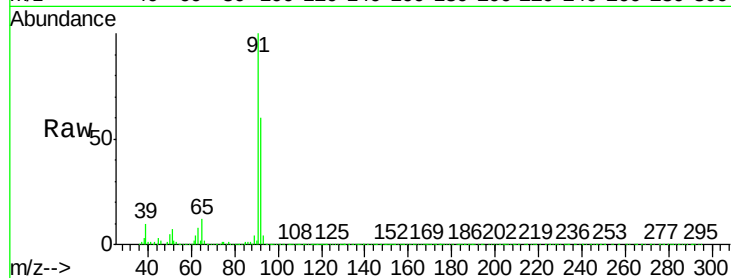
Ion Ratio Lower Upper

92 100

91 167.1 136.6 205.0

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:25 AM



#62

4-Bromofluorobenzene

Concen: 53.235 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

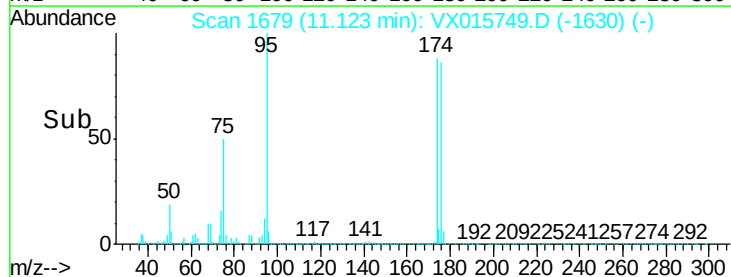
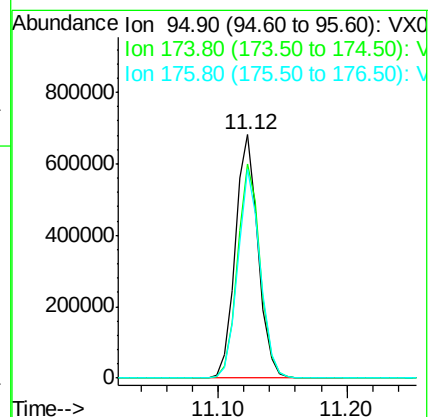
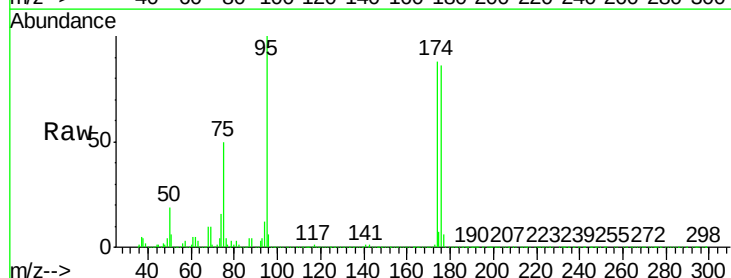
Tgt Ion: 95 Resp: 841804

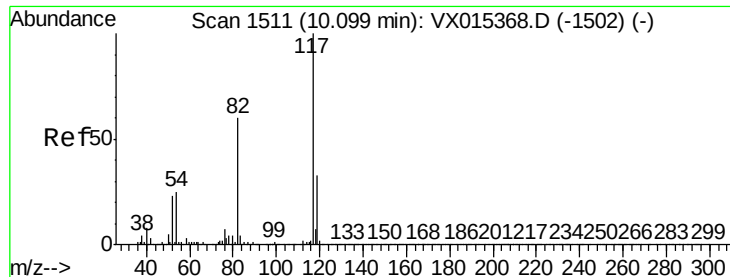
Ion Ratio Lower Upper

95 100

174 87.7 0.0 158.6

176 84.4 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: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

I-OC-1

Tot Ion:117 Resp: 1610732

Ion Ratio Lower Upper

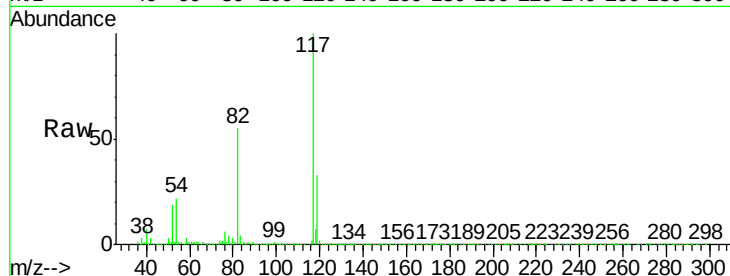
117 100

82 54.9 47.8 71.8

119 32.8 26.8 40.2

Manual Integrations
APPROVED

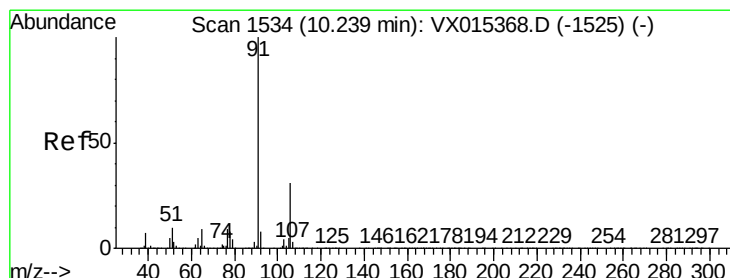
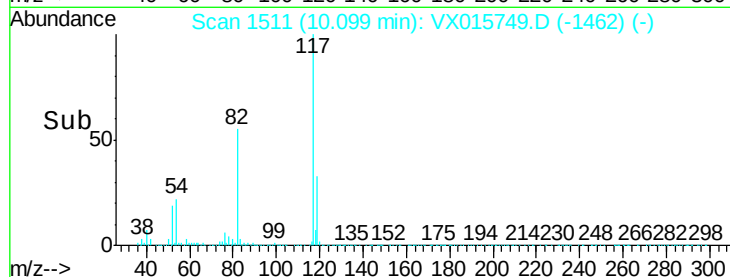
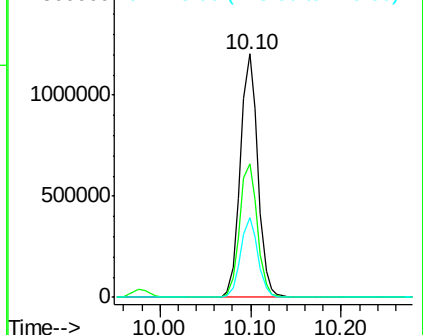
MMDadoda
4/20/2020 10:03:25 AM



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: 21.056 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015749.D

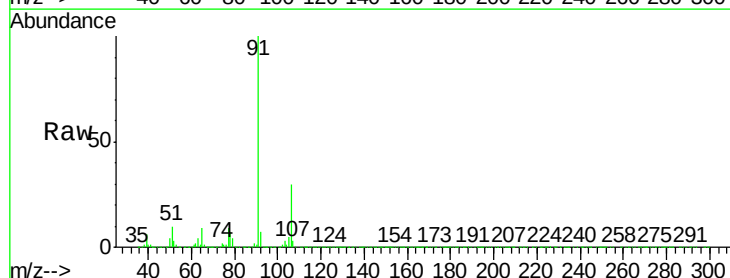
Acq: 17 Apr 2020 19:25

Tgt Ion: 91 Resp: 1199640

Ion Ratio Lower Upper

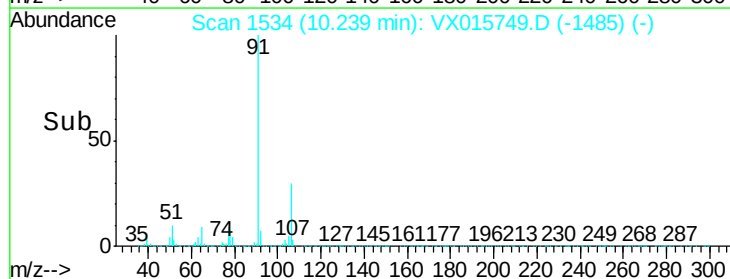
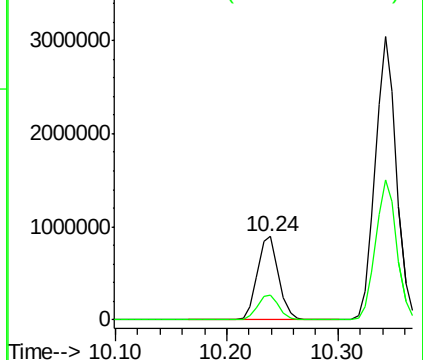
91 100

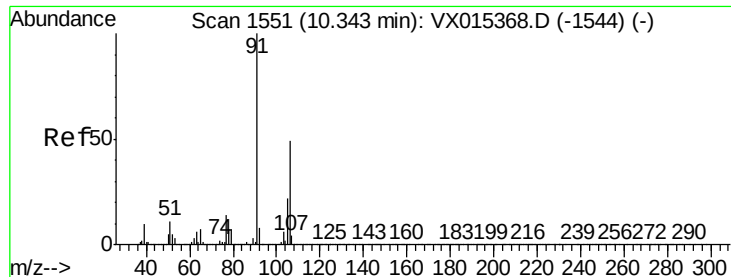
106 30.3 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





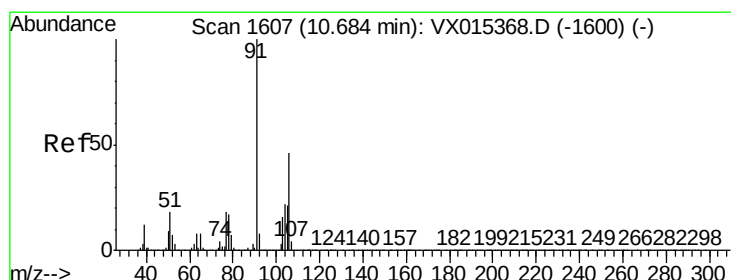
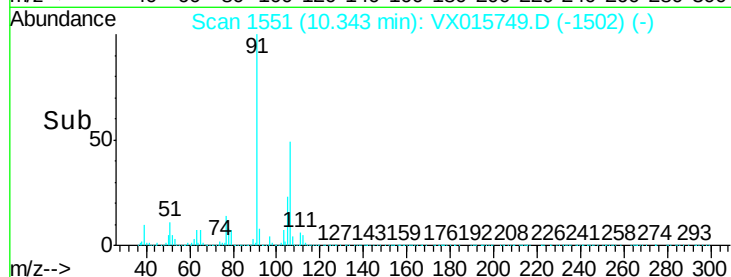
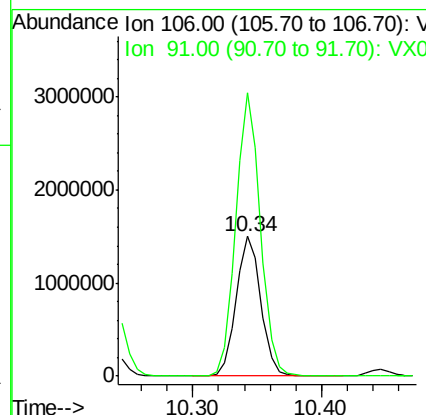
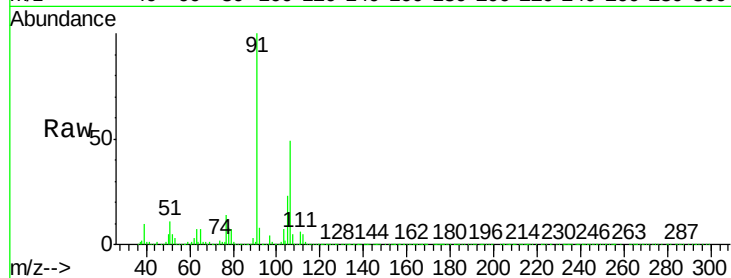
#68
m/p-Xylenes
Concen: 94.730 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
I-OC-1

Tot Ion:106 Resp: 2009677
Ion Ratio Lower Upper
106 100
91 201.0 163.4 245.0

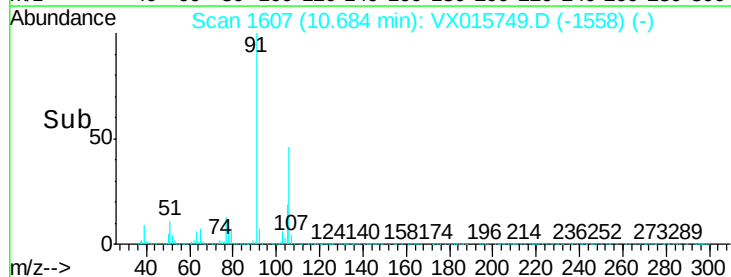
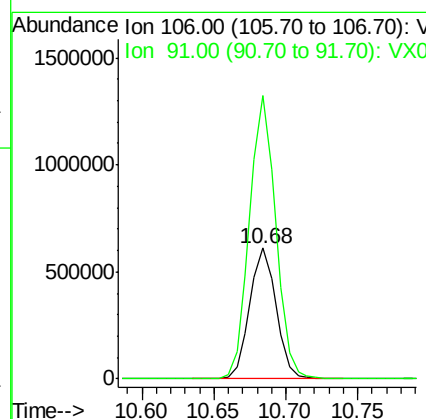
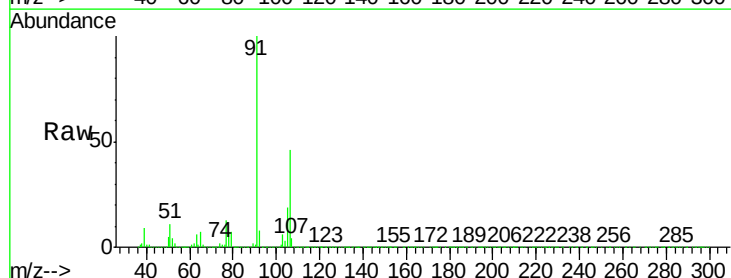
Manual Integrations
APPROVED

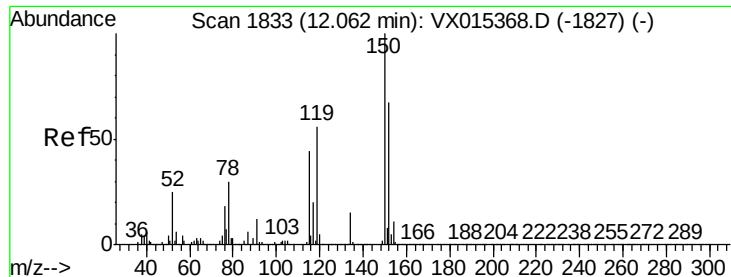
MMDadoda
4/20/2020 10:03:25 AM



#69
o-Xylene
Concen: 37.028 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

Tgt Ion:106 Resp: 776236
Ion Ratio Lower Upper
106 100
91 215.0 107.1 321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

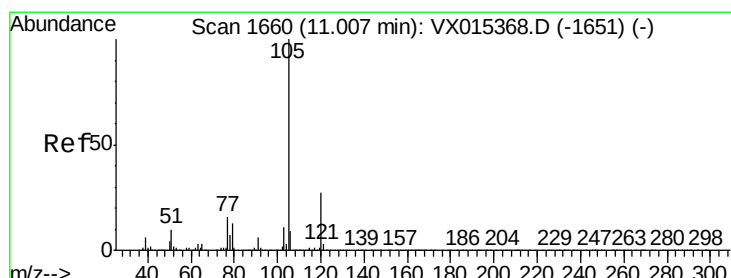
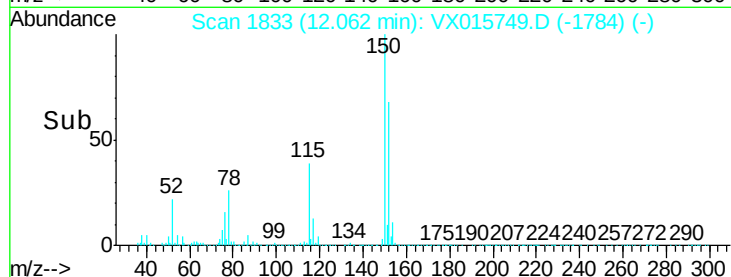
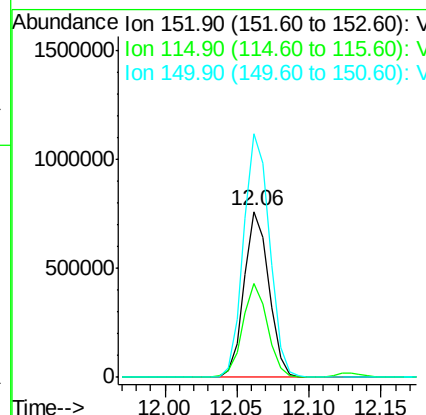
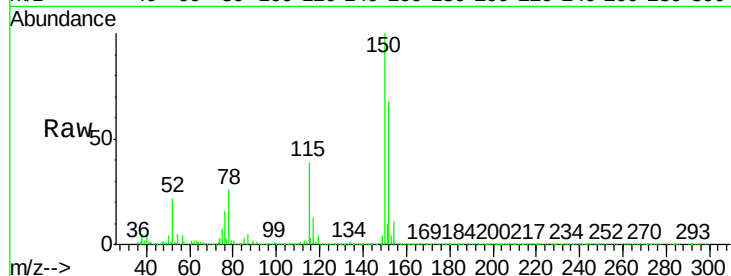
ClientSampleId :

I-OC-1

Tot Ion:	152	Resp:	910664
Ion Ratio	Lower	Upper	
152	100		
115	56.9	39.0	116.9
150	153.7	0.0	340.8

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:25 AM



#73

Isopropylbenzene

Concen: 0.411 ug/l

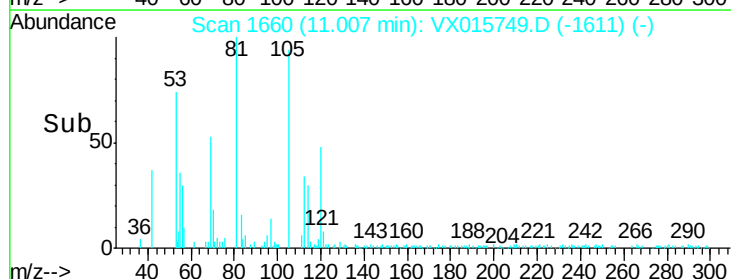
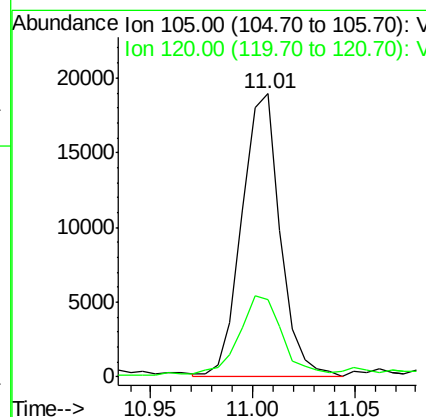
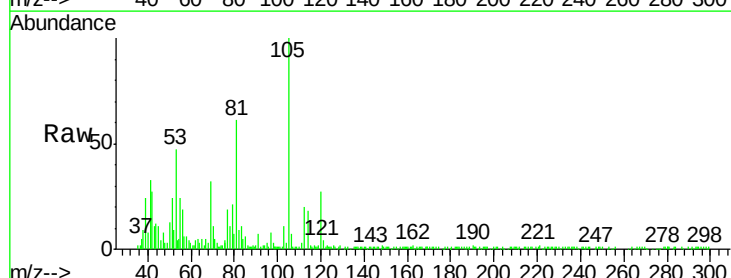
RT: 11.01 min Scan# 1660

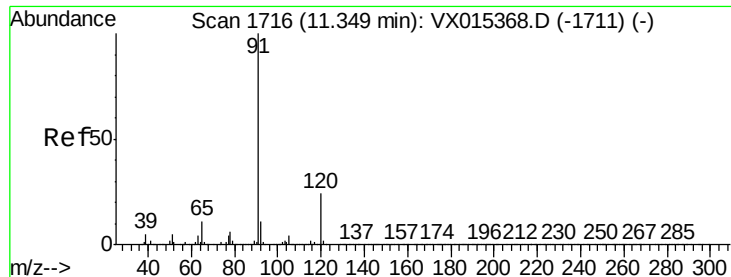
Delta R.T. -0.00 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Tgt Ion:	105	Resp:	24506
Ion Ratio	Lower	Upper	
105	100		
120	32.2	13.2	39.5





#78

n-propylbenzene

Concen: 0.879 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015749.D

Acq: 17 Apr 2020 19:25

Instrument :

MSVOA_X

ClientSampled :

I-OC-1

Tot Ion: 91 Resp: 59970

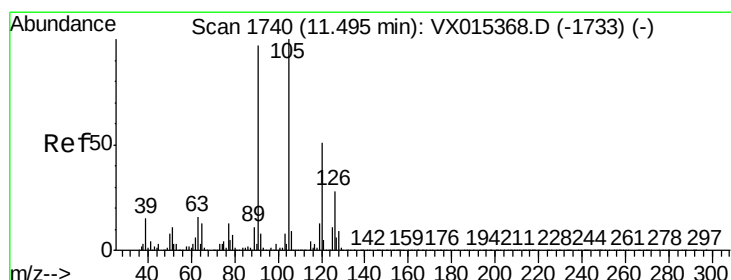
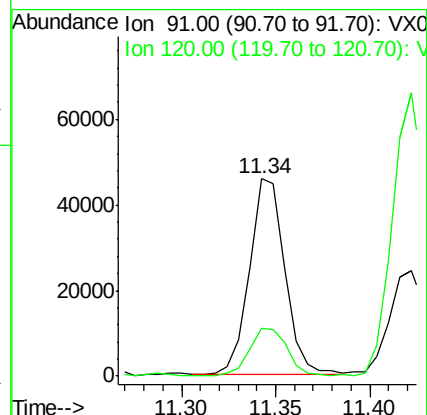
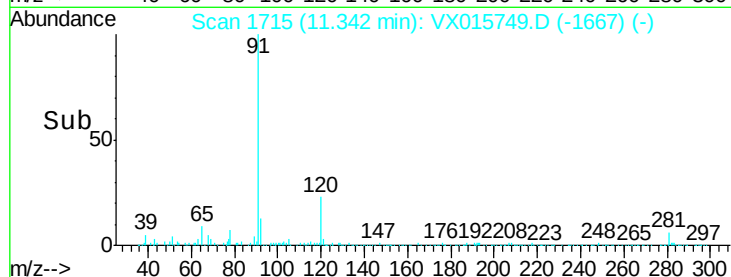
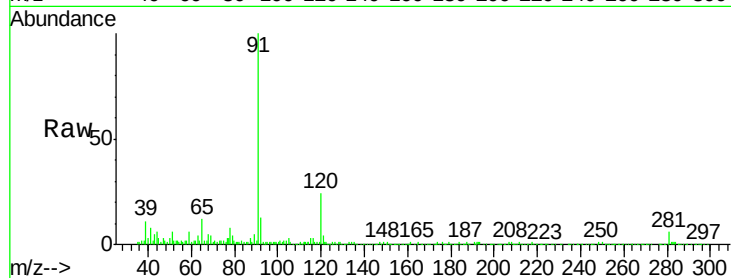
Ion Ratio Lower Upper

91 100

120 25.3 11.7 35.0

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:25 AM



#80

1,3,5-Trimethylbenzene

Concen: 5.187 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015749.D

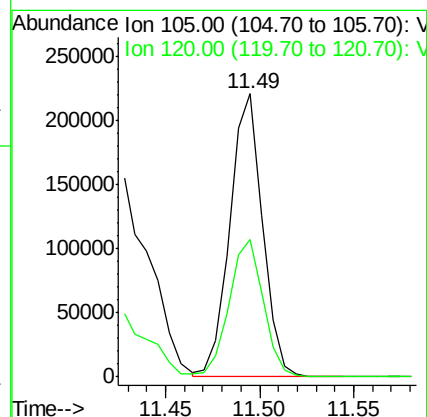
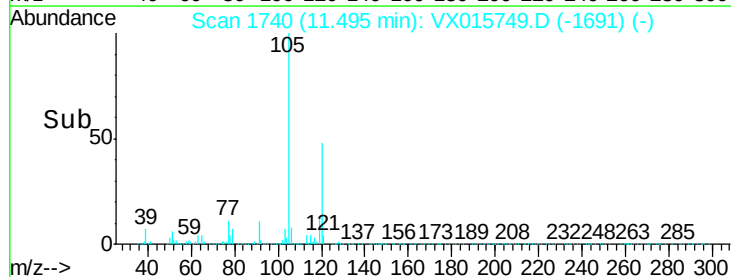
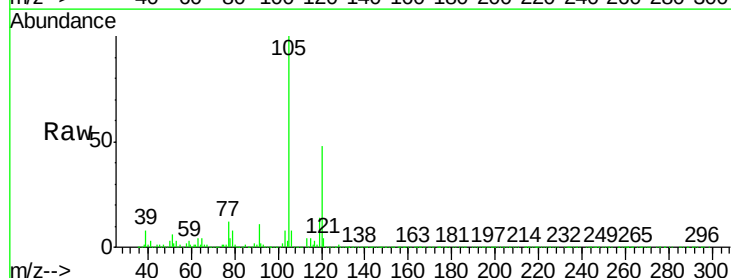
Acq: 17 Apr 2020 19:25

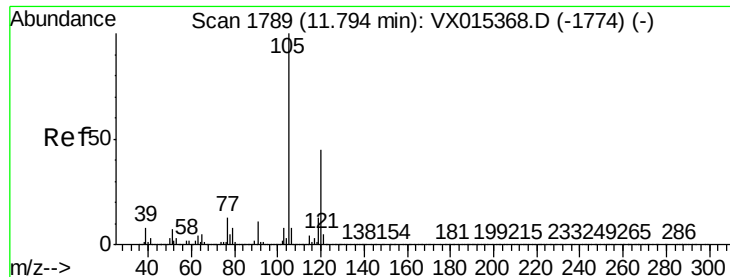
Tgt Ion: 105 Resp: 264321

Ion Ratio Lower Upper

105 100

120 50.8 24.8 74.4





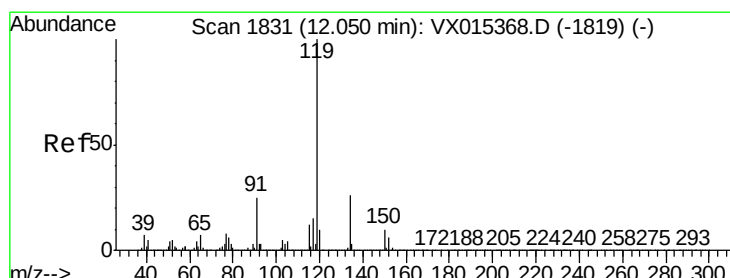
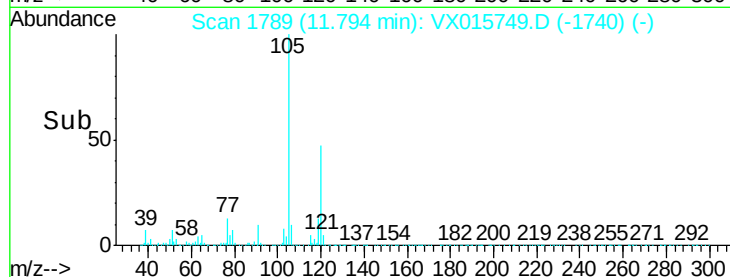
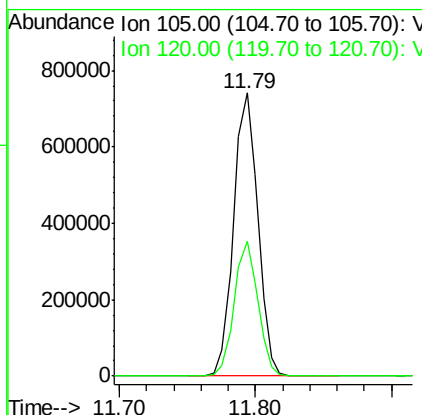
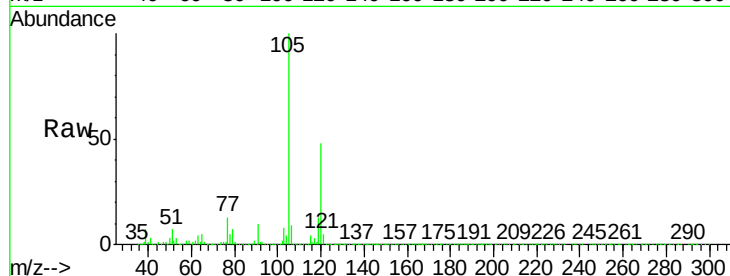
#84
 1,2,4-Trimethylbenzene
 Concen: 17.638 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

Instrument :
 MSVOA_X
 ClientSampled :
 I-OC-1

Tot Ion	Ratio	Resp	Lower	Upper
105	100	915932		
120	46.6	22.7	68.1	

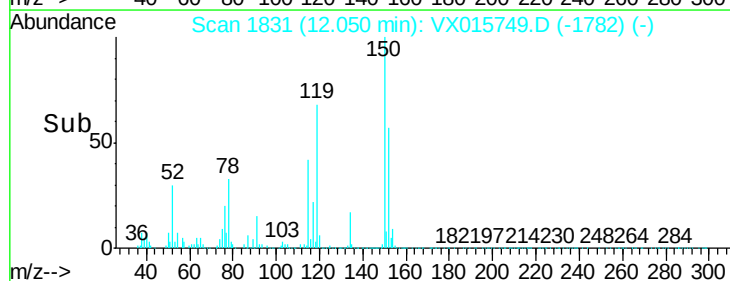
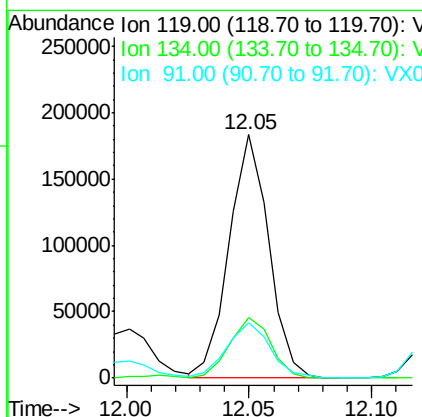
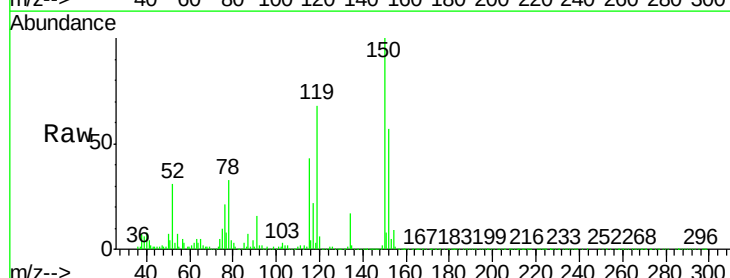
Manual Integrations
 APPROVED

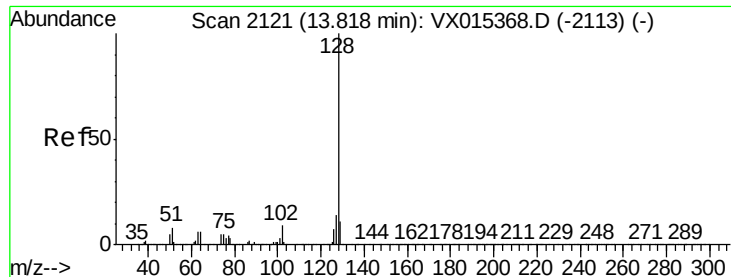
MMDadoda
 4/20/2020 10:03:25 AM



#86
 p-Isopropyltoluene
 Concen: 3.860 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015749.D
 Acq: 17 Apr 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	206287		
134	26.1	13.1	39.3	
91	24.5	12.4	37.4	





#95
Naphthalene
Concen: 286.622 ug/l m
RT: 13.81 min Scan# 2120
Delta R.T. -0.01 min
Lab File: VX015749.D
Acq: 17 Apr 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
I-OC-1

Tot Ion:128 Resp:19283405
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.8 13.2#

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:25 AM

