

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100120\
 Data File : VX018733.D
 Acq On : 01 Oct 2020 20:04
 Operator : JC/SP
 Sample : L4171-11RE
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3Q1RE

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 1:24:29 PM

Quant Time: Oct 02 09:21:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 08:54:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	199536	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	188196	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	100572	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	69189	6.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	132.60%#
7) Chloroethane-d5	1.70	69	51525	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.34	63	118536	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.80%
20) 2-Butanone-d5	4.54	46	182068	68.38	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.76%#
24) Chloroform-d	5.14	84	155762	6.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	126.00%#
26) 1,2-Dichloroethane-d4	6.03	65	94026	6.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.40%#
32) Benzene-d6	6.05	84	263506	6.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.40%
36) 1,2-Dichloropropane-d6	7.37	67	77239	5.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.80%
41) Toluene-d8	8.70	98	246423	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
45) trans-1,3-Dichloropropene-	8.99	79	39442	6.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	134.00%#
48) 2-Hexanone-d5	9.43	63	144244	68.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.84%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	60344	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.40%#
65) 1,2-Dichlorobenzene-d4	12.36	152	107169	6.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	130.40%#

Target Compounds

					Ovalue
5) Vinyl chloride	1.39	62	5358	0.496 ug/L	86
13) Acetone	2.44	43	27222	18.472 ug/L	95
14) Carbon disulfide	2.55	76	14277	0.482 ug/L #	95
19) 1,1-Dichloroethane	3.67	63	9488	0.543 ug/L	94
21) 2-Butanone	4.64	43	13596	5.812 ug/L #	56
27) 1,2-Dichloroethane	6.17	62	2403m	0.199 ug/L	
30) Cyclohexane	5.54	56	4989	0.350 ug/L	94
42) Toluene	8.76	91	307861	7.855 ug/L	99
47) 1,1,2-Trichloroethane	9.19	97	939	0.135 ug/L	83
50) 2-Hexanone	9.47	43	7573	1.994 ug/L #	87
54) Ethylbenzene	10.23	91	17817	0.417 ug/L	93
55) m,p-xylene	10.34	106	16484	1.010 ug/L	84
56) o-xylene	10.68	106	14115	0.915 ug/L	86

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

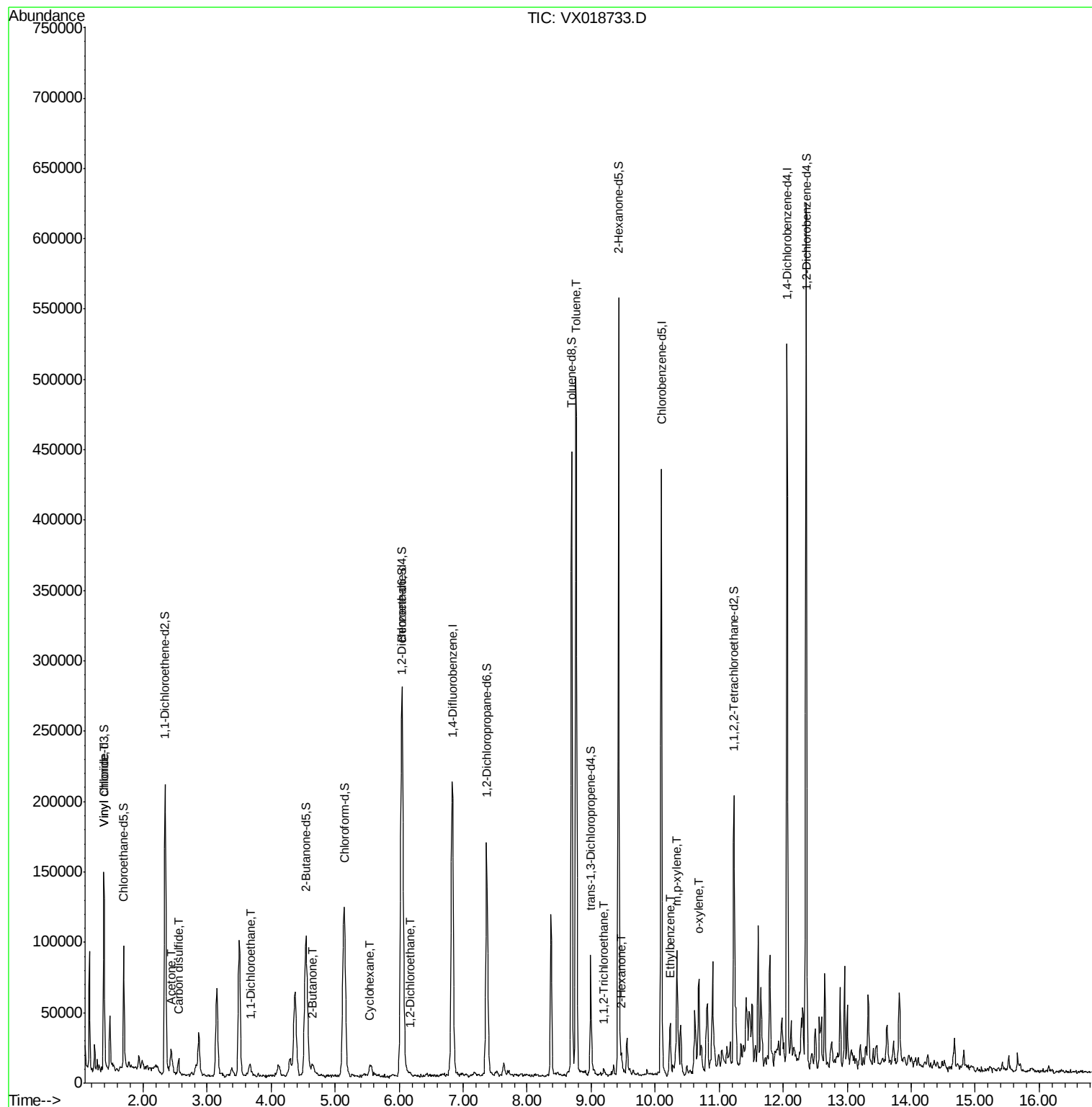
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
Data File : VX018733.D
Acq On : 01 Oct 2020 20:04
Operator : JC/SP
Sample : L4171-11RE
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

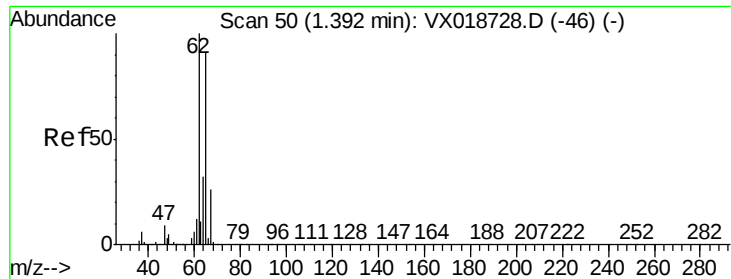
Instrument :
MSVOA_X
ClientSampleId :
BG3Q1RE

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:24:29 PM

Quant Time: Oct 02 09:21:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 08:54:14 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.496 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018733.D

Acq: 01 Oct 2020 20:04

Instrument :

MSVOA_X

ClientSampleID :

BG3Q1RE

Tot Ion: 62 Resp: 5358

Ion Ratio Lower Upper

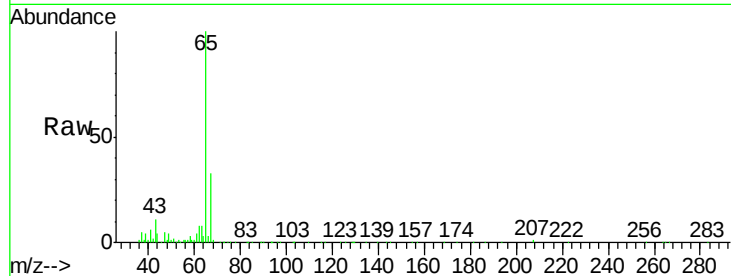
62 100

64 41.4 23.6 43.8

Manual Integrations
APPROVED

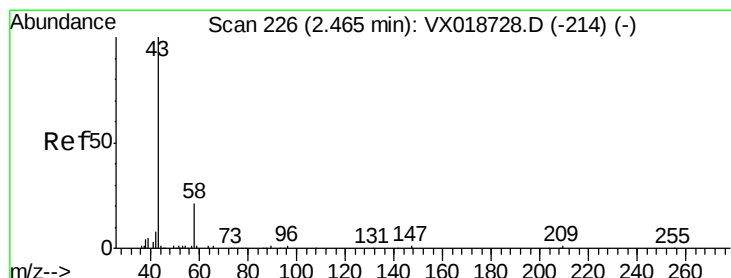
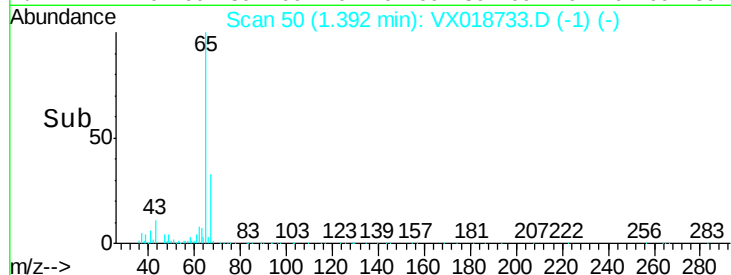
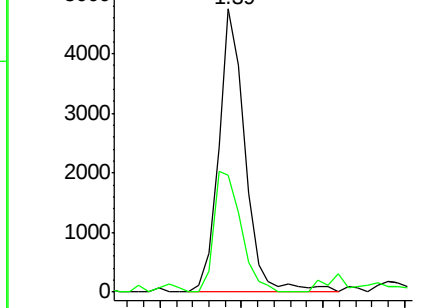
MMDadoda

10/6/2020 1:24:29 PM



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0



#13

Acetone

Concen: 18.472 ug/L

RT: 2.44 min Scan# 222

Delta R.T. -0.02 min

Lab File: VX018733.D

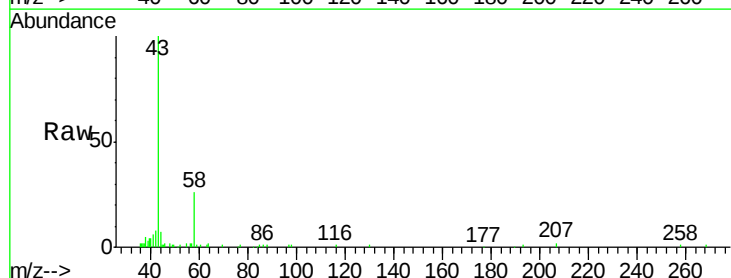
Acq: 01 Oct 2020 20:04

Tgt Ion: 43 Resp: 27222

Ion Ratio Lower Upper

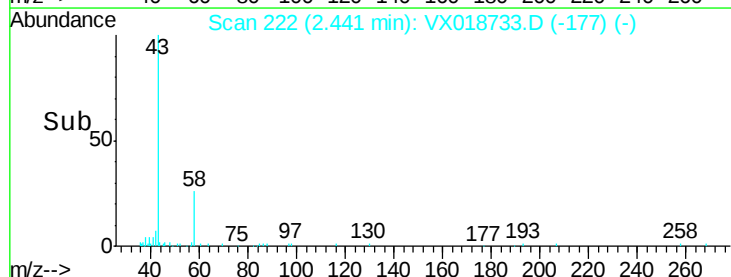
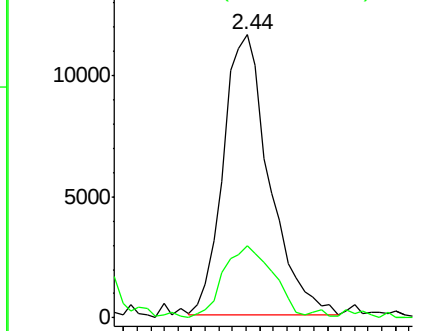
43 100

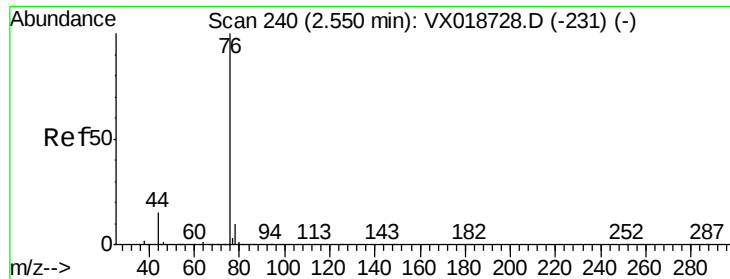
58 27.9 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#14

Carbon disulfide

Concen: 0.482 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018733.D

Acq: 01 Oct 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

BG3Q1RE

Tot Ion: 76 Resp: 14277

Ion Ratio Lower Upper

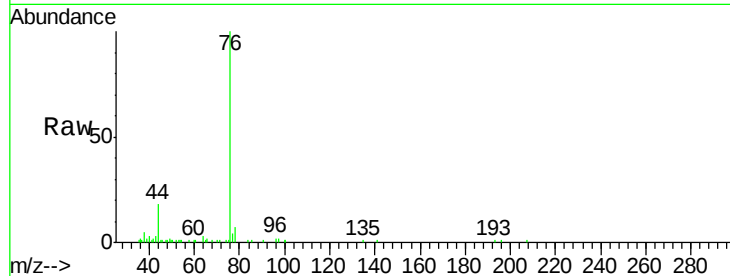
76 100

78 7.2 7.4 11.0#

Manual Integrations
APPROVED

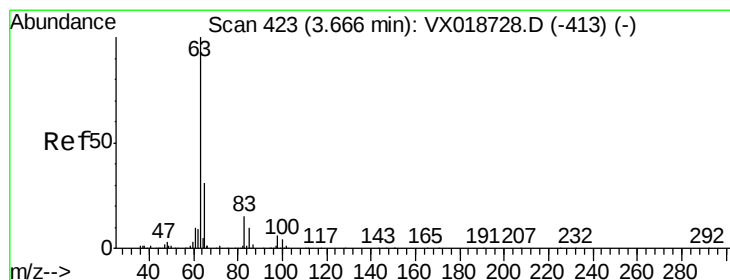
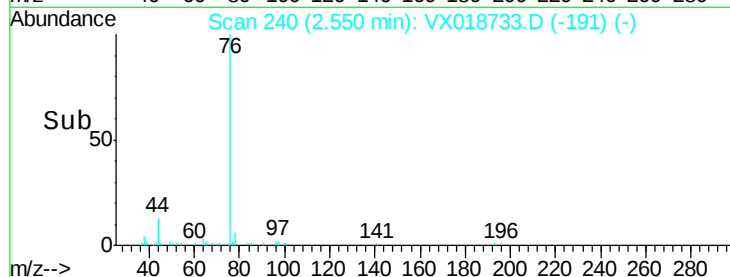
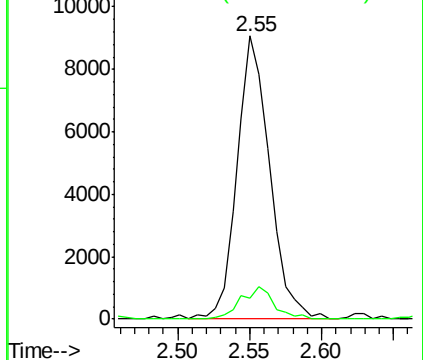
MMDadoda

10/6/2020 1:24:29 PM



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0



#19

1,1-Dichloroethane

Concen: 0.543 ug/L

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018733.D

Acq: 01 Oct 2020 20:04

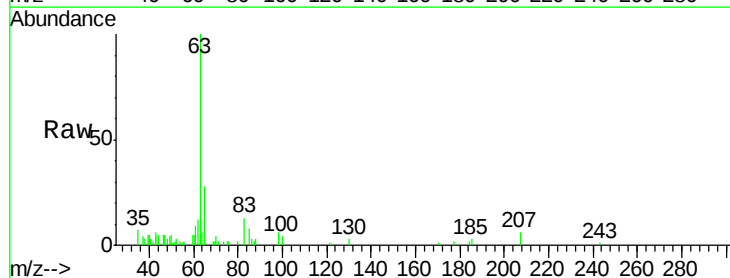
Tgt Ion: 63 Resp: 9488

Ion Ratio Lower Upper

63 100

65 27.8 22.7 42.1

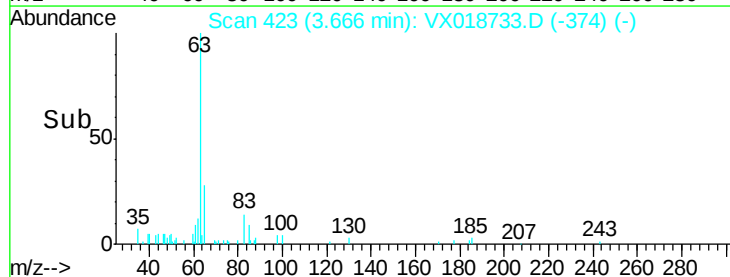
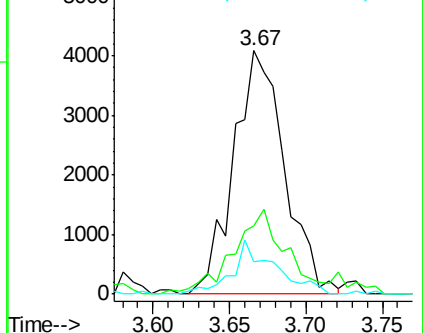
83 13.3 9.3 17.3

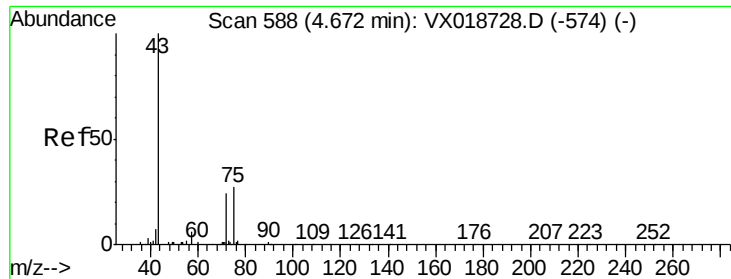


Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 65.10 (64.80 to 65.80): VX0

Ion 83.05 (82.75 to 83.75): VX0





#21

2-Butanone

Concen: 5.812 ug/L

RT: 4.64 min Scan# 583

Delta R.T. -0.03 min

Lab File: VX018733.D

Acq: 01 Oct 2020 20:04

Instrument :

MSVOA_X

ClientSampled :

BG3Q1RE

Tot Ion: 43 Resp: 13596

Ion Ratio Lower Upper

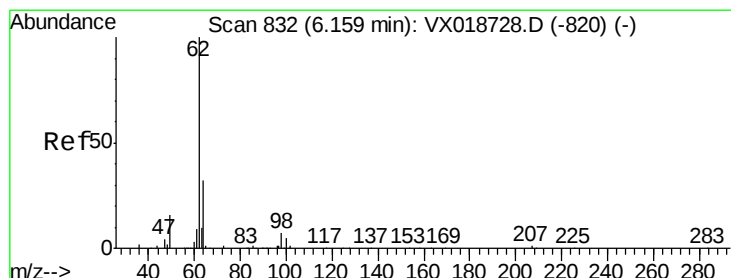
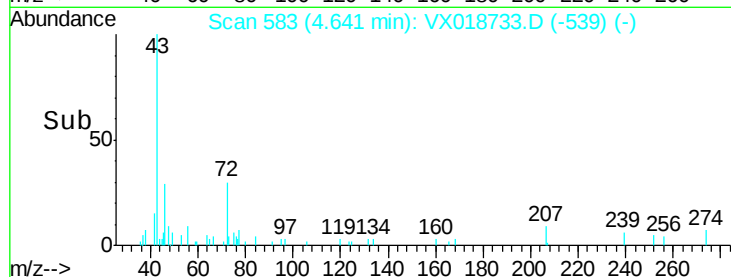
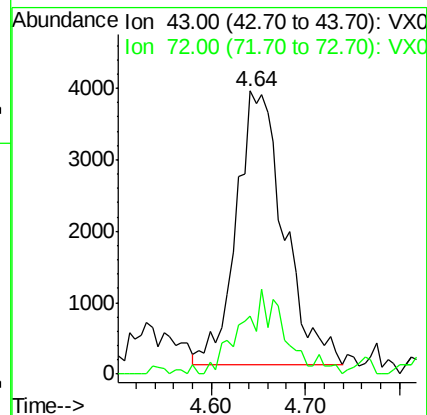
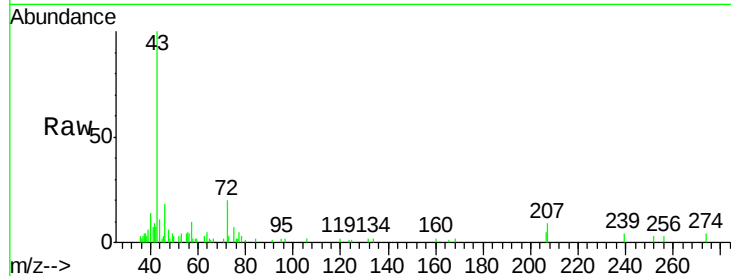
43 100

72 26.9 5.2 15.6#

Manual Integrations
APPROVED

MMDadoda

10/6/2020 1:24:29 PM



#27

1,2-Dichloroethane

Concen: 0.199 ug/L m

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX018733.D

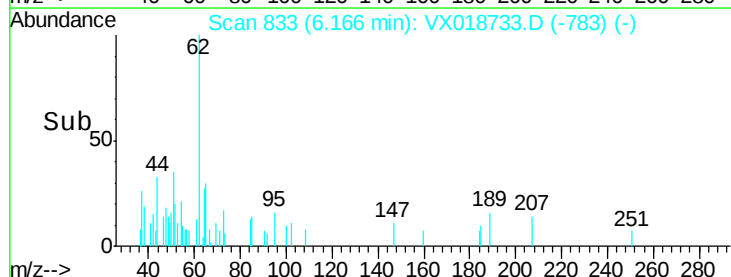
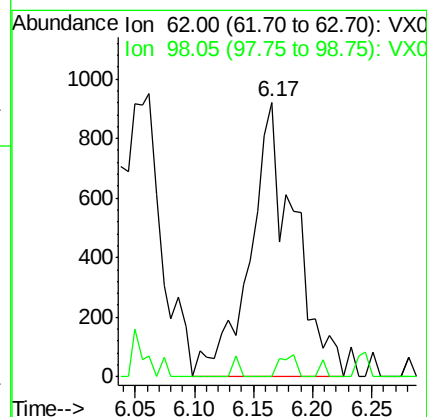
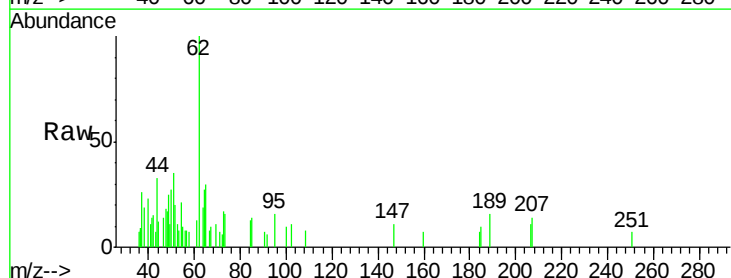
Acq: 01 Oct 2020 20:04

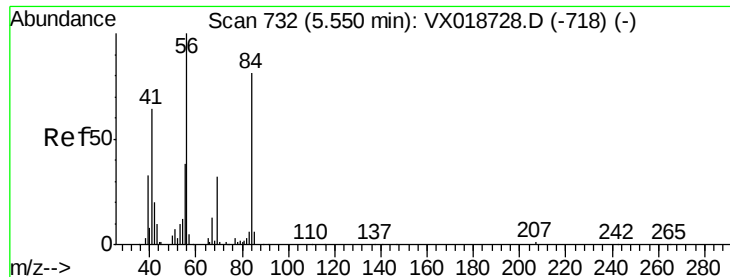
Tgt Ion: 62 Resp: 2403

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.4#





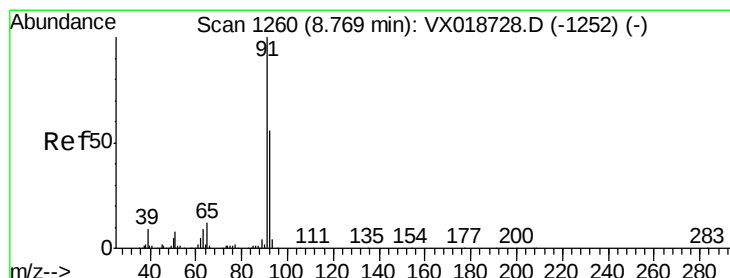
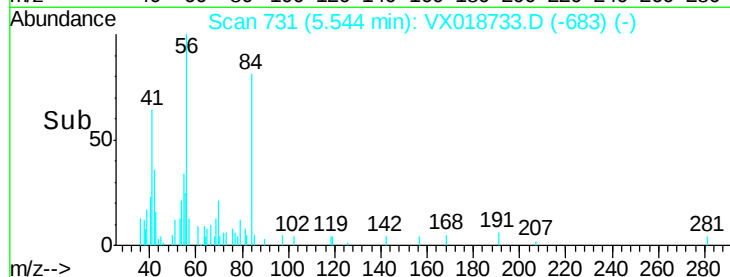
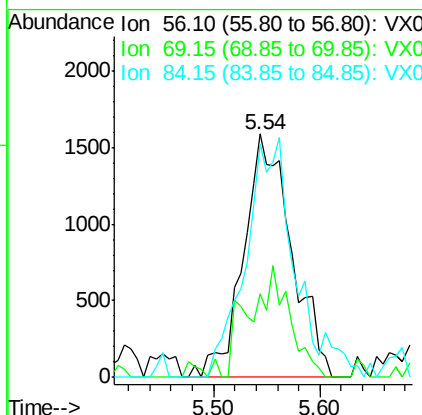
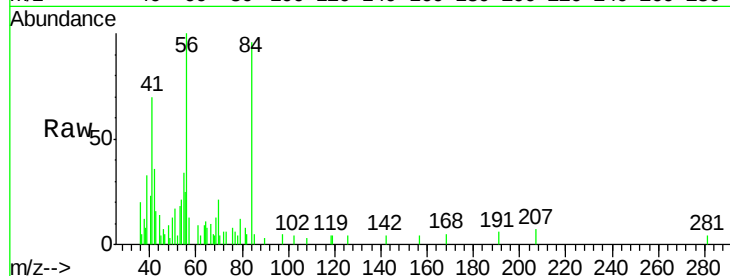
#30
Cyclohexane
Concen: 0.350 ug/L
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018733.D
Acq: 01 Oct 2020 20:04

Instrument :
MSVOA_X
ClientSampleId :
BG3Q1RE

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.4	26.4	39.6
84	94.8	72.7	109.1

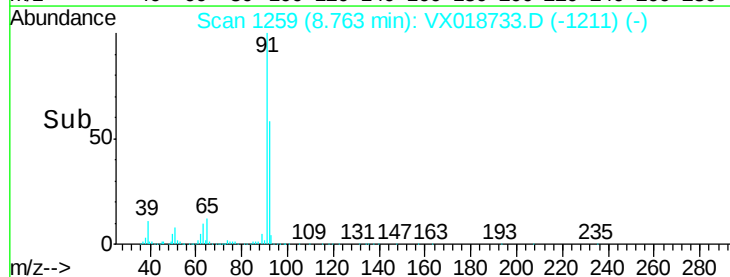
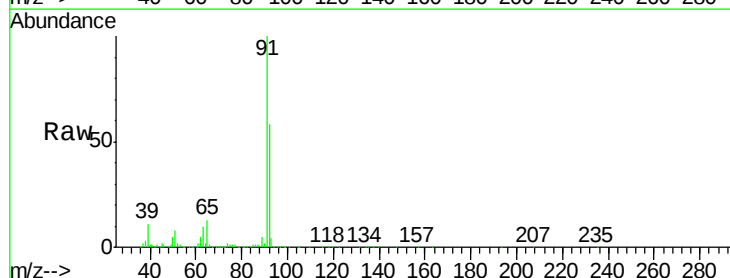
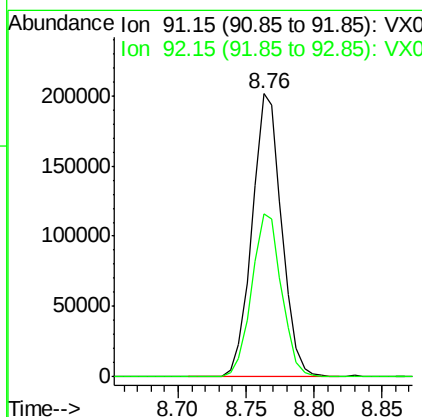
Manual Integrations
APPROVED

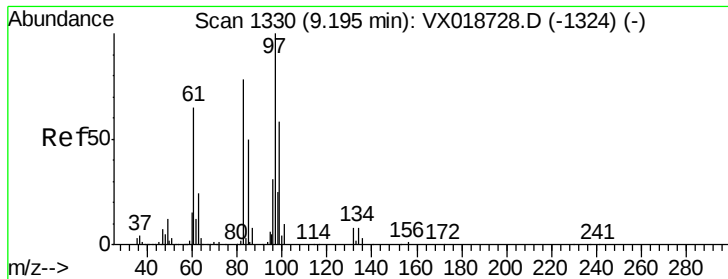
MMDadoda
10/6/2020 1:24:29 PM



#42
Toluene
Concen: 7.855 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018733.D
Acq: 01 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.7	41.1	76.3





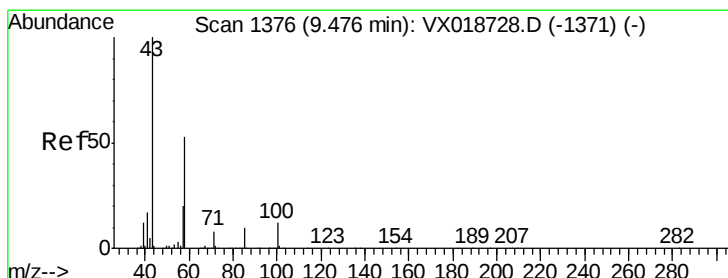
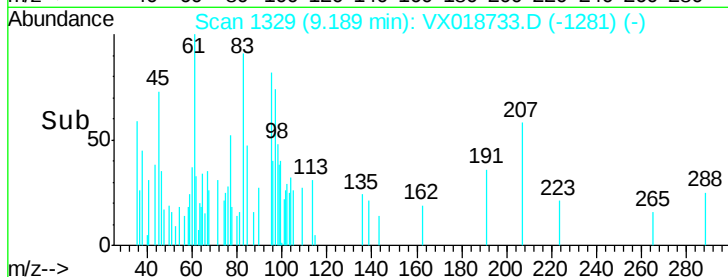
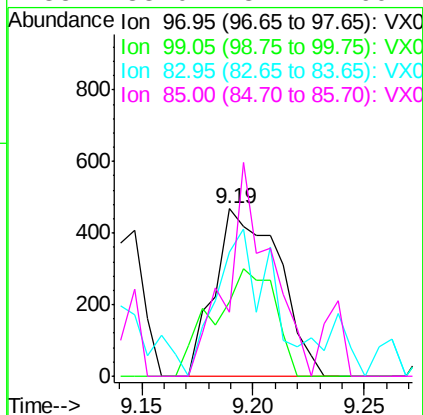
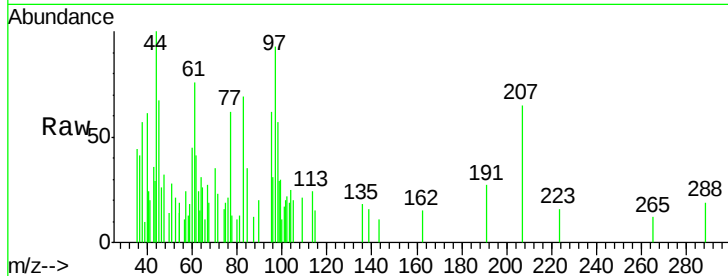
#47
 1,1,2-Trichloroethane
 Concen: 0.135 ug/L
 RT: 9.19 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VX018733.D
 Acq: 01 Oct 2020 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3Q1RE

Tot Ion:	97	Resp:	939
Ion	Ratio	Lower	Upper
97	100		
99	44.4	38.9	72.2
83	74.1	61.9	114.9
85	38.0	37.2	69.2

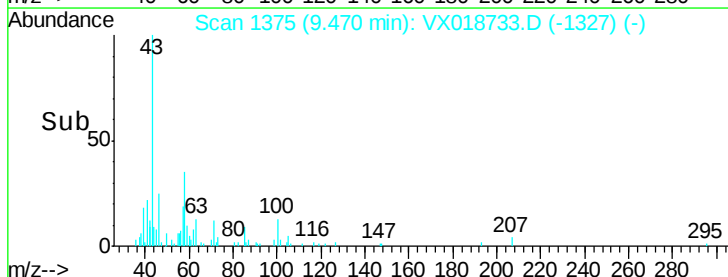
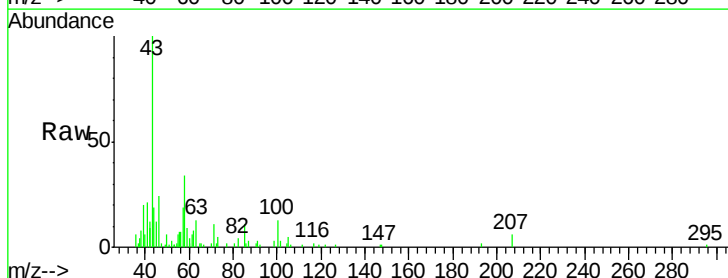
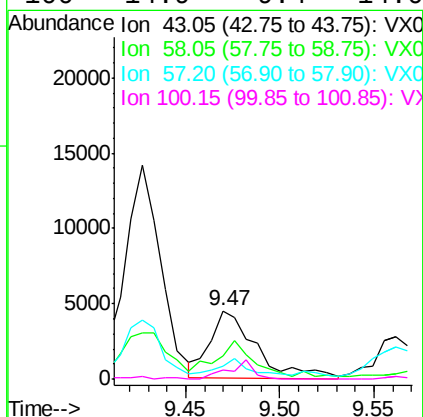
Manual Integrations
 APPROVED

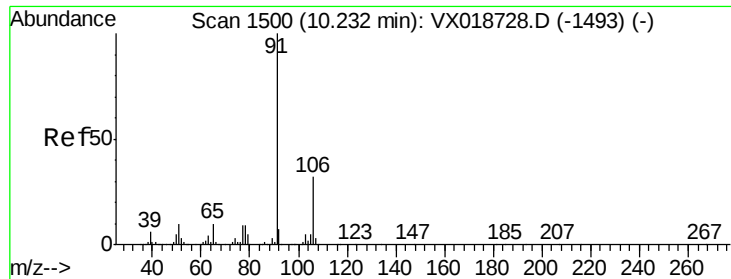
MMDadoda
 10/6/2020 1:24:29 PM



#50
 2-Hexanone
 Concen: 1.994 ug/L
 RT: 9.47 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VX018733.D
 Acq: 01 Oct 2020 20:04

Tgt Ion:	43	Resp:	7573
Ion	Ratio	Lower	Upper
43	100		
58	41.3	42.5	63.7#
57	22.0	15.9	23.9
100	14.9	9.4	14.0#





#54

Ethylbenzene

Concen: 0.417 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018733.D

Acq: 01 Oct 2020 20:04

Instrument :

MSVOA_X

ClientSampleId :

BG3Q1RE

Tot Ion: 91 Resp: 17817

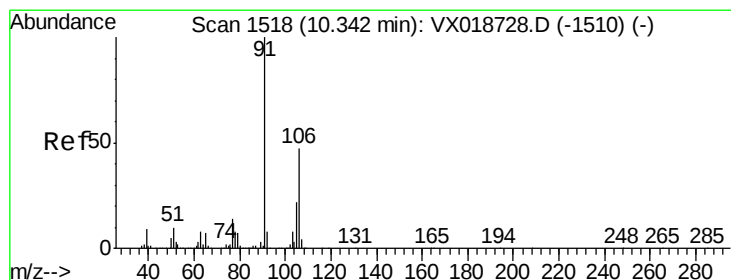
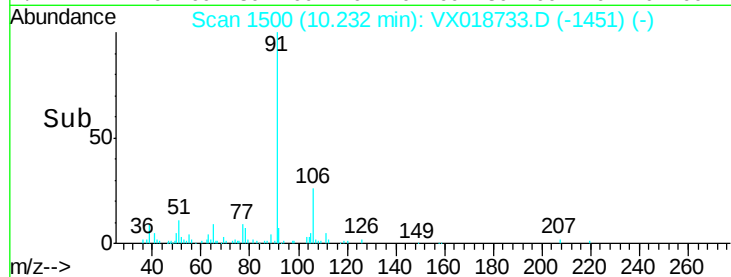
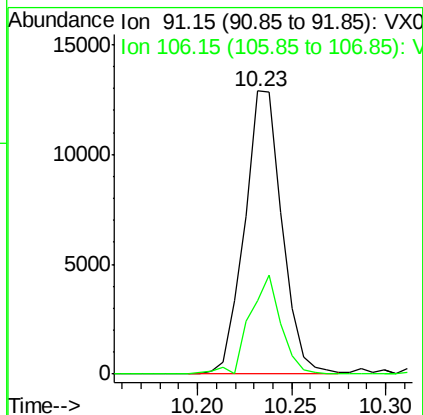
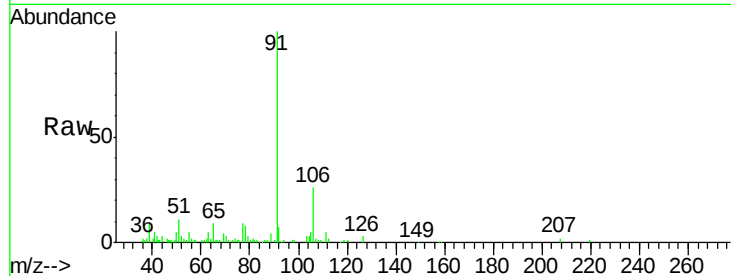
Ion Ratio Lower Upper

91 100

106 26.0 21.0 39.0

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:24:29 PM



#55

m,p-xylene

Concen: 1.010 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018733.D

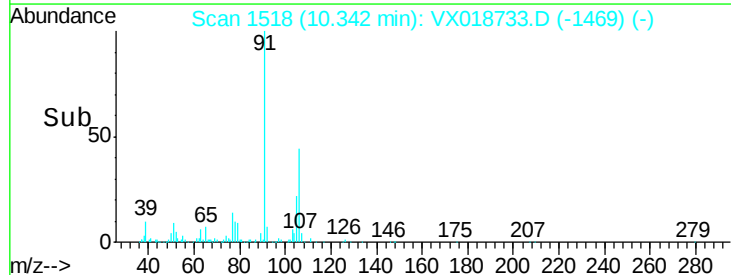
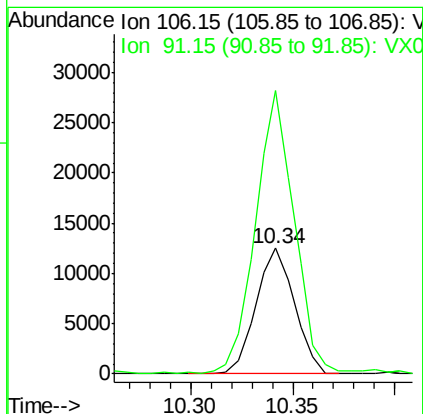
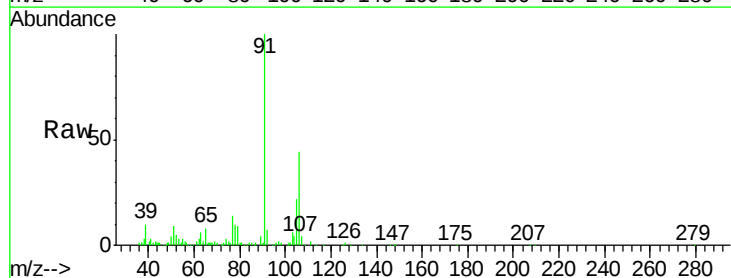
Acq: 01 Oct 2020 20:04

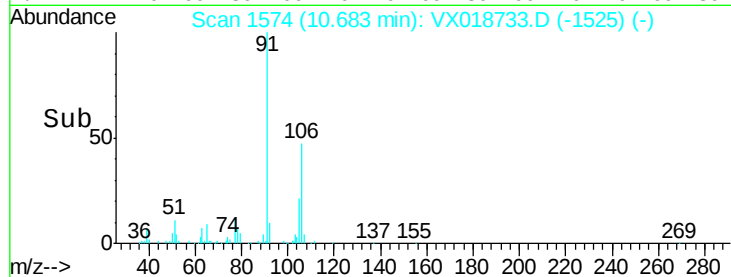
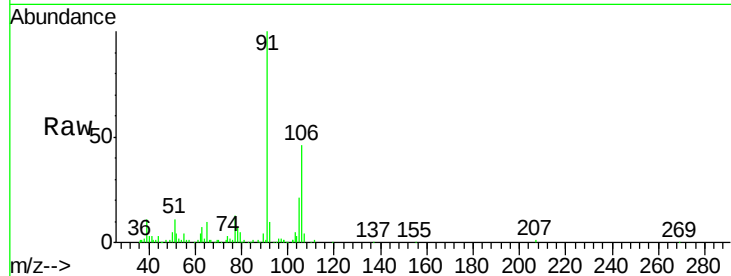
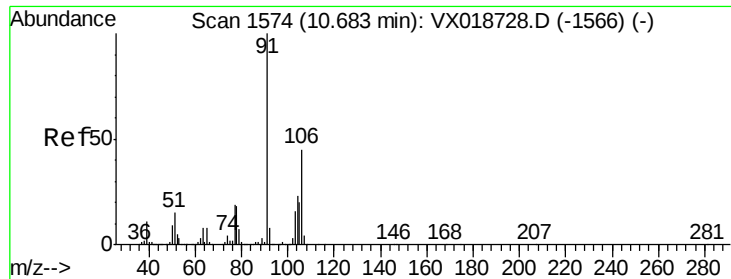
Tgt Ion: 106 Resp: 16484

Ion Ratio Lower Upper

106 100

91 225.2 140.3 260.6





#56
o-xylene
Concen: 0.915 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018733.D
Acq: 01 Oct 2020 20:04

Tot Ion	Ratio	Resp	Lower	Upper
106	100	14115		
91	216.0	167.5	311.1	

Instrument :
MSVOA_X
ClientSampleId :
BG3Q1RE

Manual Integrations
APPROVED

MMDadoda
10/6/2020 1:24:29 PM

