

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
 Data File : VY003732.D
 Acq On : 11 Dec 2020 17:12
 Operator : SY/MD
 Sample : L5063-04
 Misc : 4.09G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AD6

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:13:23 AM

Quant Time: Dec 12 04:22:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 10:03:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	304894	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	215150	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	54628	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	82049	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.12%
7) Chloroethane-d5	2.77	69	73254	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.08%
10) 1,1-Dichloroethene-d2	3.86	63	137365	16.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.72%
20) 2-Butanone-d5	6.90	46	71513	46.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.04%
24) Chloroform-d	7.48	84	191510	24.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.64%
26) 1,2-Dichloroethane-d4	8.15	65	106717	24.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.68%
29) Benzene-d6	8.12	84	392983	31.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.20%
33) 1,2-Dichloropropane-d6	9.12	67	119578	32.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.76%#
37) Toluene-d8	10.18	98	303868	27.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.84%
38) trans-1,3-Dichloropropene-	10.44	79	52312	29.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.76%
39) 2-Hexanone-d5	10.79	63	56227	60.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.78%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	78051	23.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.08%
61) 1,2-Dichlorobenzene-d4	13.72	152	48131	24.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.00%

Target Compounds

					Ovalue
13) Acetone	3.96	43	3123	2.772 ug/L	83
14) Carbon disulfide	4.21	76	12584	1.035 ug/L	98
16) Methylene chloride	4.74	84	6131m	1.145 ug/L	
44) Toluene	10.25	91	8979	0.692 ug/L	87
53) Ethylbenzene	11.59	91	4224	0.298 ug/L	98
54) m,p-Xylene	11.70	106	3263	0.597 ug/L	95
55) o-xylene	12.03	106	3433	0.655 ug/L	91
57) Isopropylbenzene	12.32	105	9915	0.723 ug/L #	91

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

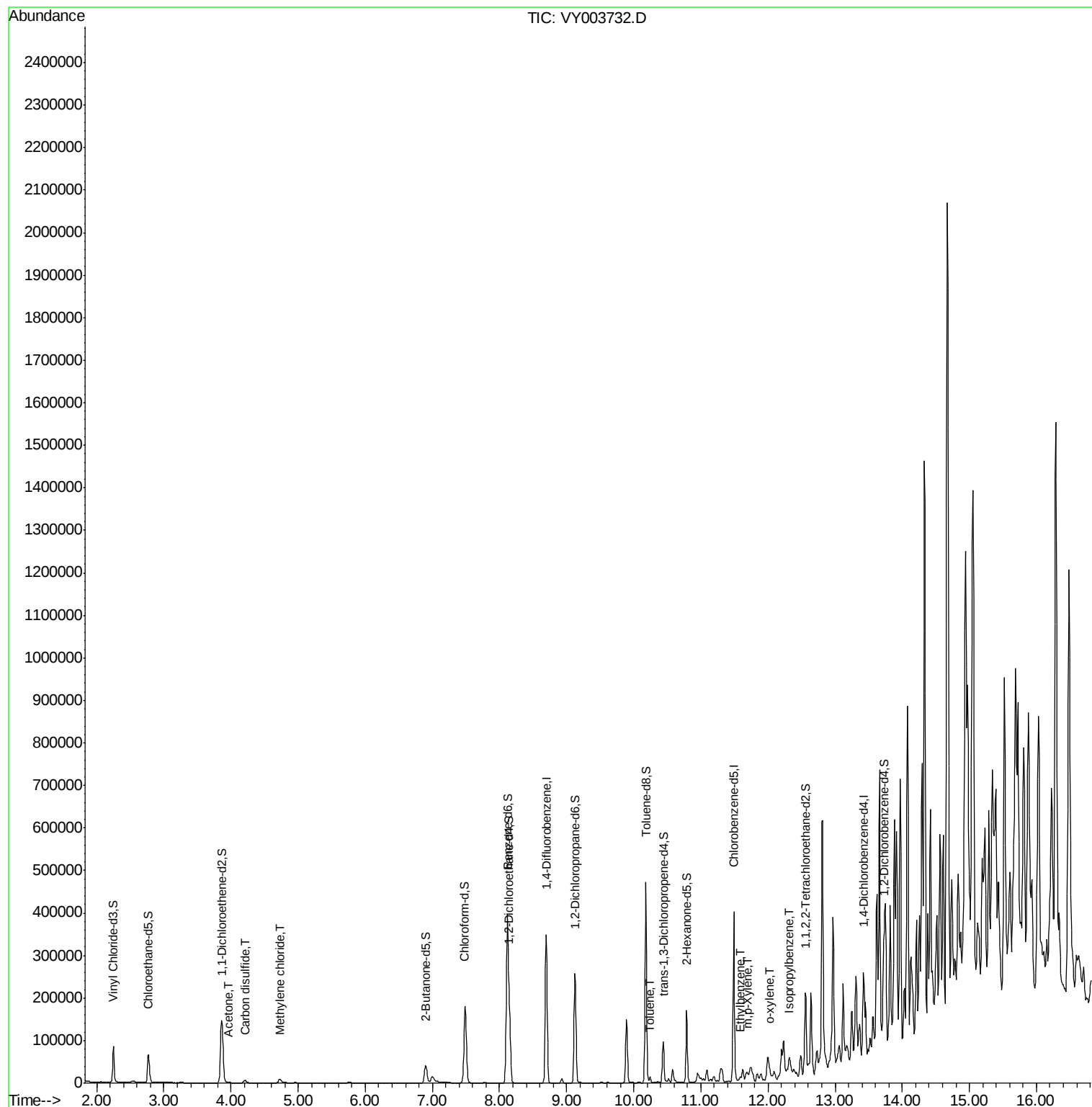
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
Data File : VY003732.D
Acq On : 11 Dec 2020 17:12
Operator : SY/MD
Sample : L5063-04
Misc : 4.09G/10ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

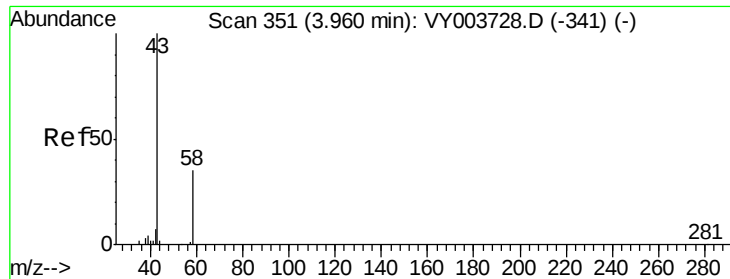
Instrument :
MSVOA_Y
ClientSampleId :
C0AD6

Manual Integrations
APPROVED

MMDadoda
12/14/2020 9:13:23 AM

Quant Time: Dec 12 04:22:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 10:03:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.772 ug/L

RT: 3.96 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY003732.D

Acq: 11 Dec 2020 17:12

Instrument :

MSVOA_Y

ClientSampleId :

C0AD6

Tot Ion: 43 Resp: 3123

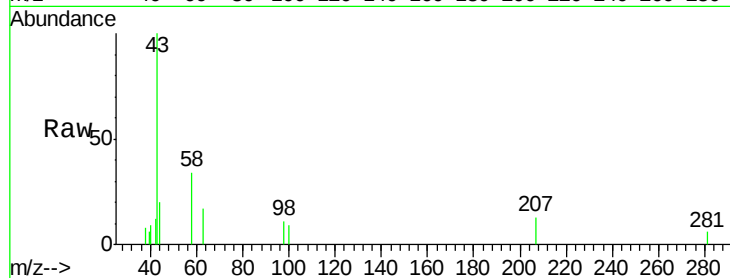
Ion Ratio Lower Upper

43 100

58 24.6 0.0 68.8

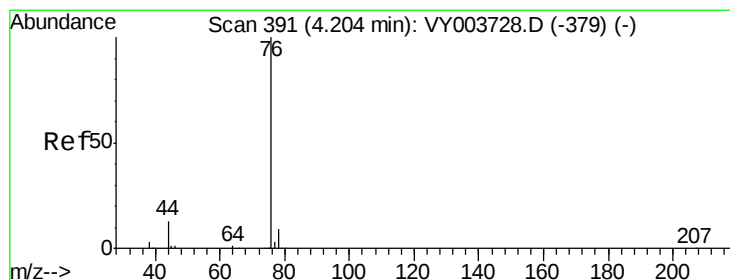
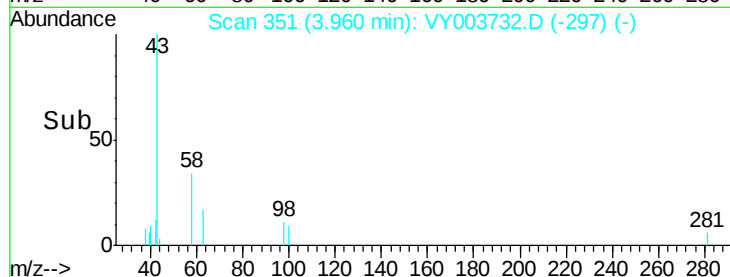
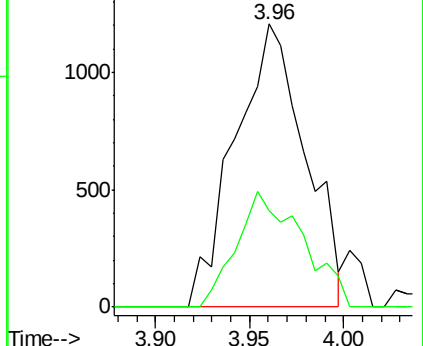
Manual Integrations
APPROVED

MMDadoda
12/14/2020 9:13:23 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#14

Carbon disulfide

Concen: 1.035 ug/L

RT: 4.21 min Scan# 392

Delta R.T. 0.00 min

Lab File: VY003732.D

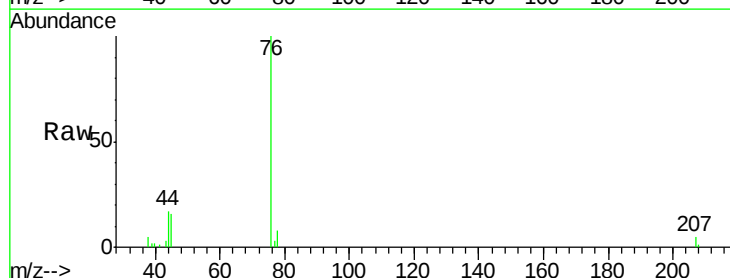
Acq: 11 Dec 2020 17:12

Tgt Ion: 76 Resp: 12584

Ion Ratio Lower Upper

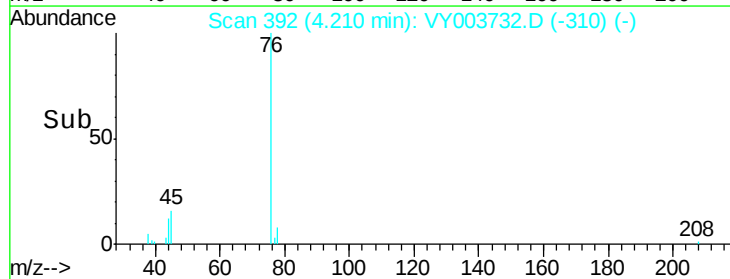
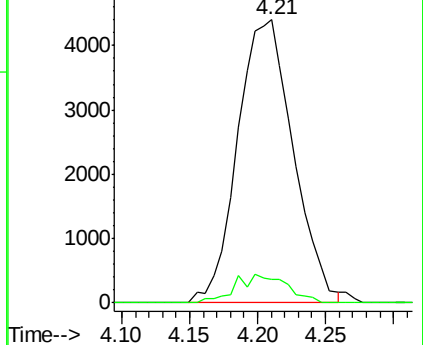
76 100

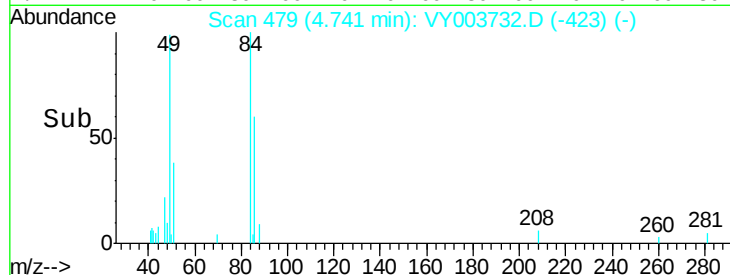
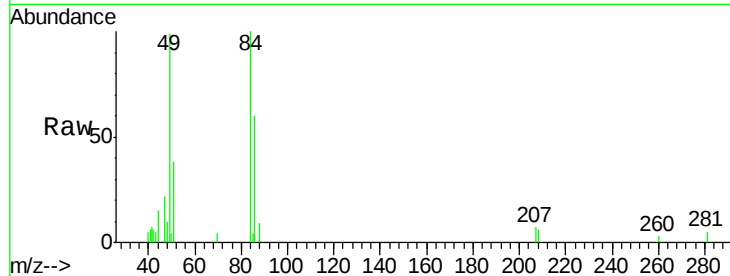
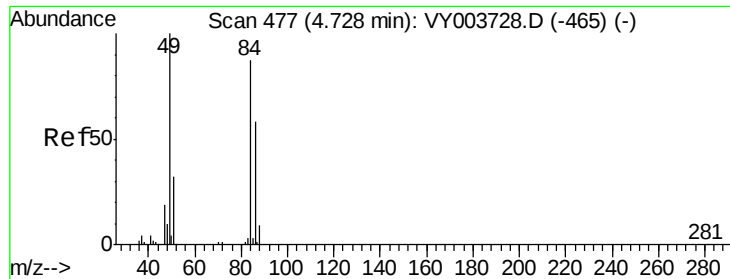
78 8.2 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VY0

Ion 78.00 (77.70 to 78.70): VY0





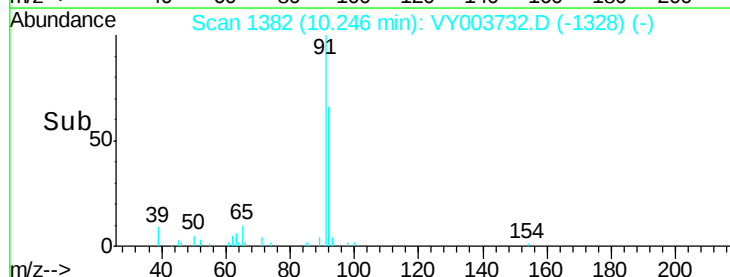
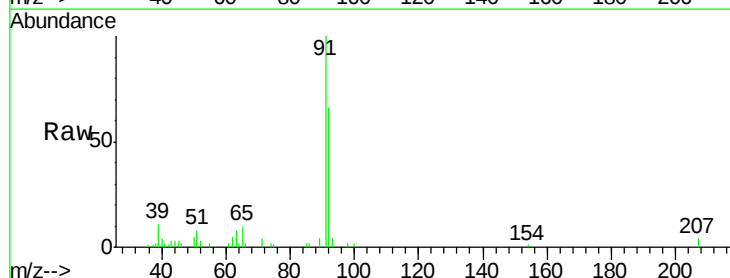
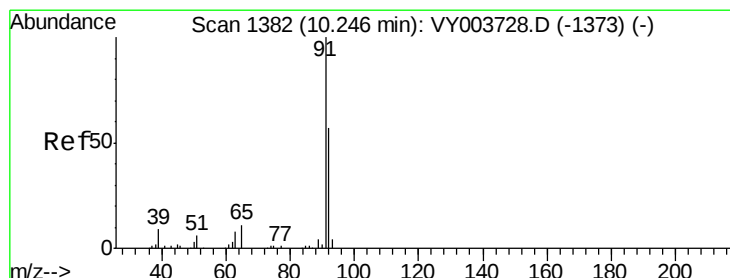
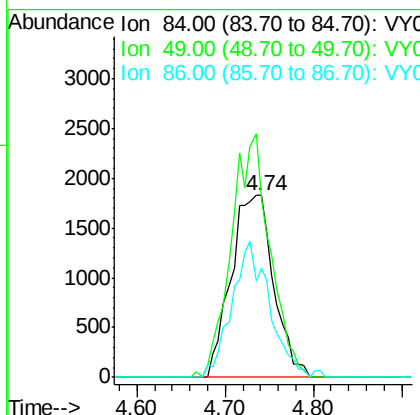
#16
Methvlene chloride
Concen: 1.145 ug/L m
RT: 4.74 min Scan# 479
Delta R.T. 0.01 min
Lab File: VY003732.D
Acq: 11 Dec 2020 17:12

Tot Ion	Ratio	Lower	Upper
84	100		
49	98.7	83.7	155.4
86	60.2	45.0	83.6

Instrument :
MSVOA_Y
ClientSampleId :
C0AD6

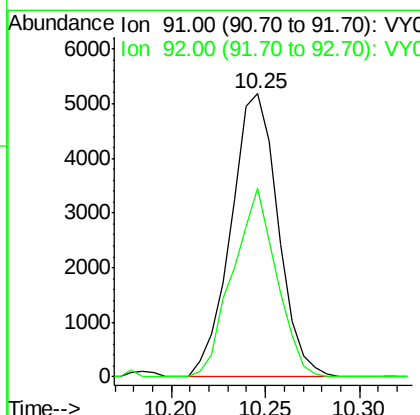
Manual Integrations
APPROVED

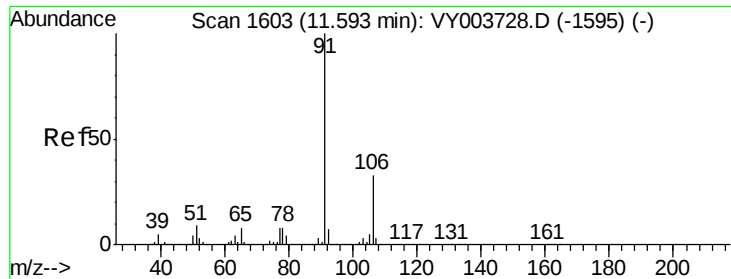
MMDadoda
12/14/2020 9:13:23 AM



#44
Toluene
Concen: 0.692 ug/L
RT: 10.25 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VY003732.D
Acq: 11 Dec 2020 17:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	66.5	39.8	73.8





#53

Ethylbenzene

Concen: 0.298 ug/L

RT: 11.59 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VY003732.D

Acq: 11 Dec 2020 17:12

Instrument :

MSVOA_Y

ClientSampleId :

C0AD6

Tot Ion: 91 Resp: 4224

Ion Ratio Lower Upper

91 100

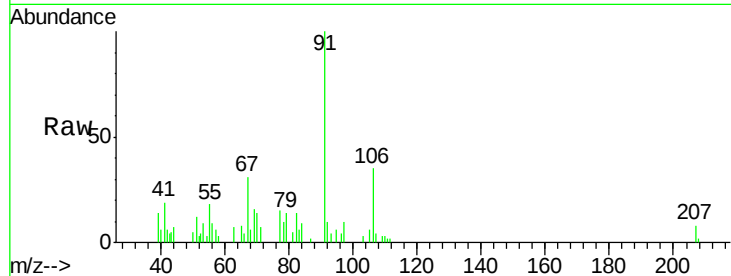
106 34.7 23.3 43.3

Manual Integrations

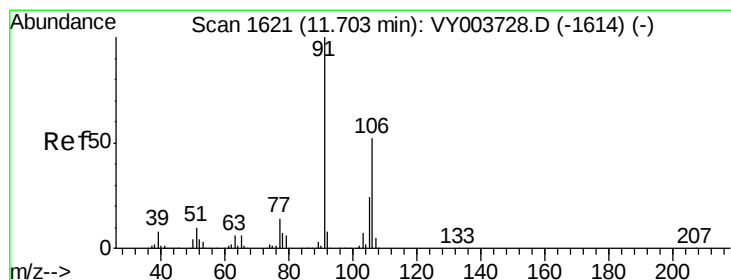
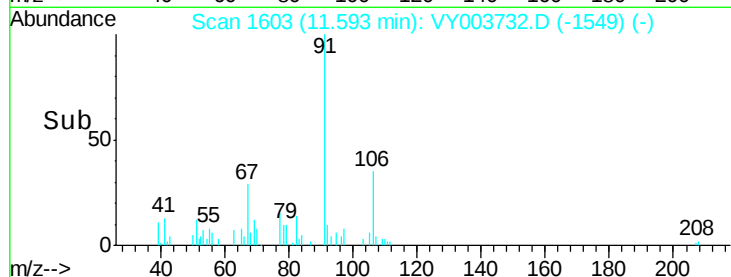
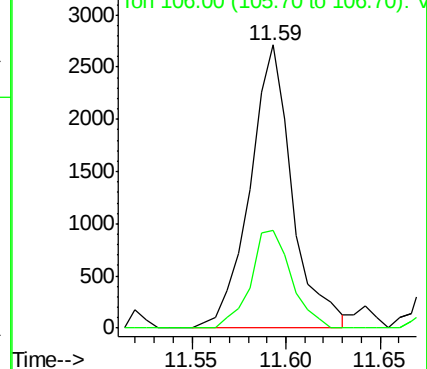
APPROVED

MMDadoda

12/14/2020 9:13:23 AM



Abundance Ion 91.00 (90.70 to 91.70): VY003732.D (-1549) (-)



#54

m,p-Xylene

Concen: 0.597 ug/L

RT: 11.70 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VY003732.D

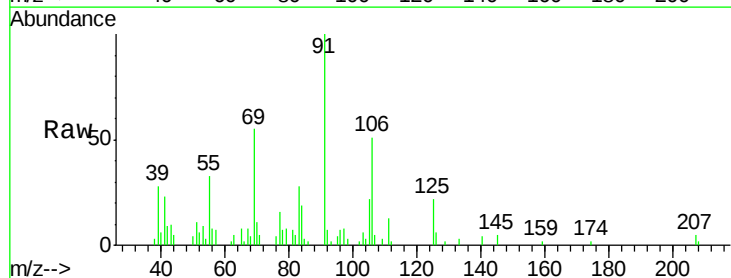
Acq: 11 Dec 2020 17:12

Tgt Ion: 106 Resp: 3263

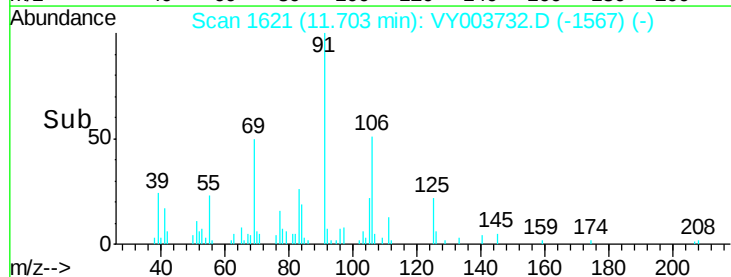
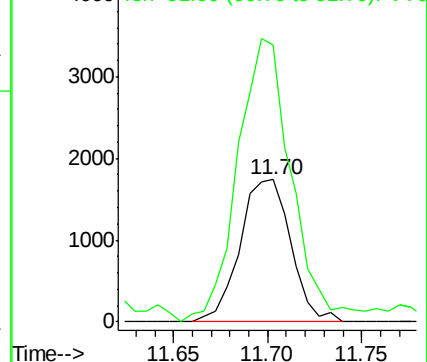
Ion Ratio Lower Upper

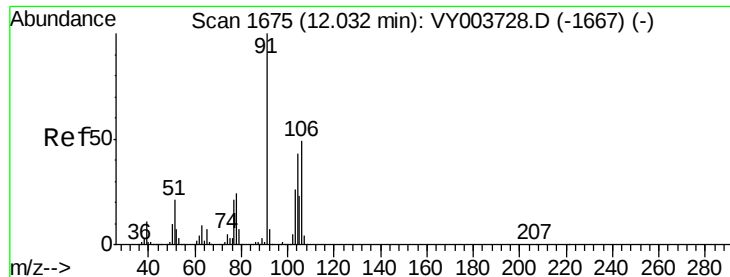
106 100

91 194.7 131.3 243.9



Abundance Ion 106.00 (105.70 to 106.70): VY003732.D (-1567) (-)





#55

o-xylene

Concen: 0.655 ug/L

RT: 12.03 min Scan# 1674

Delta R.T. -0.01 min

Lab File: VY003732.D

Acq: 11 Dec 2020 17:12

Instrument :

MSVOA_Y

ClientSampleId :

C0AD6

Tot Ion:106 Resp: 3433

Ion Ratio Lower Upper

106 100

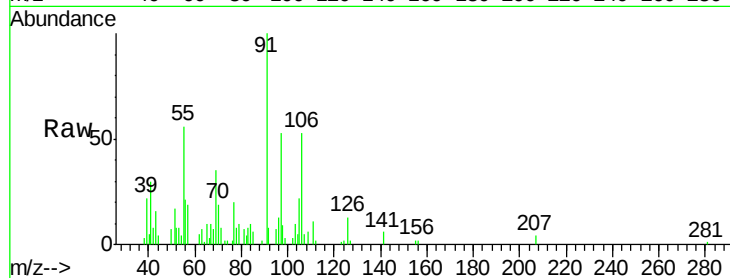
91 189.3 141.7 263.3

Manual Integrations

APPROVED

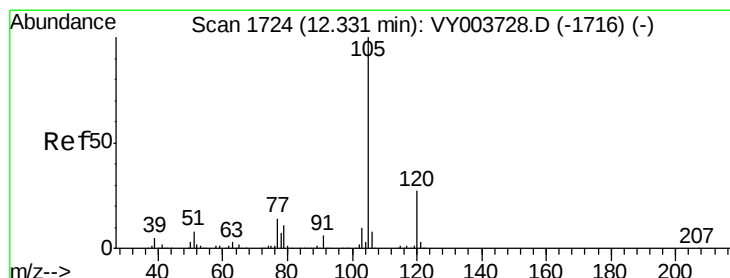
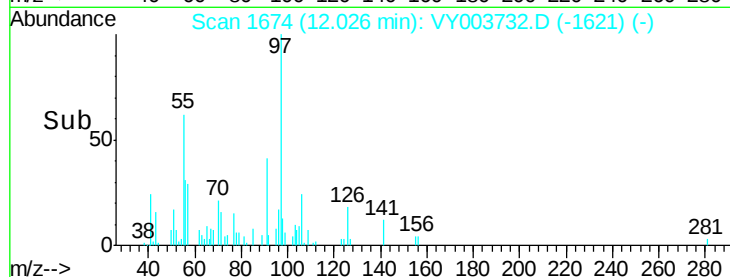
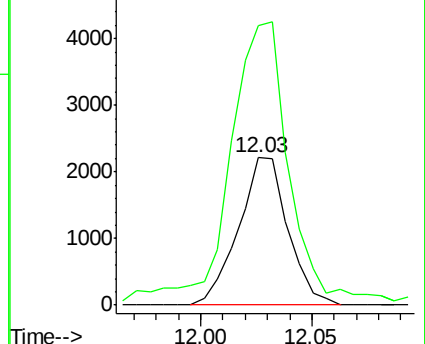
MMDadoda

12/14/2020 9:13:23 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#57

Isopropylbenzene

Concen: 0.723 ug/L

RT: 12.32 min Scan# 1723

Delta R.T. -0.01 min

Lab File: VY003732.D

Acq: 11 Dec 2020 17:12

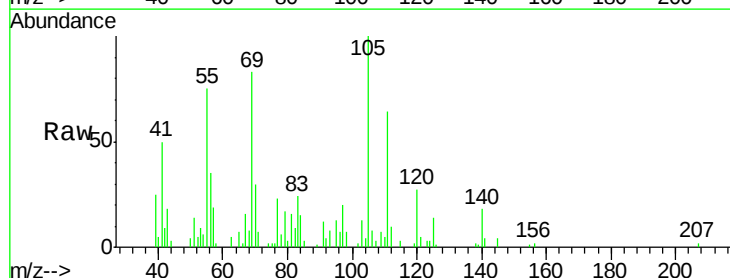
Tgt Ion:105 Resp: 9915

Ion Ratio Lower Upper

105 100

120 26.7 22.3 33.5

77 23.5 11.9 17.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VY0

