

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003709.D
 Acq On : 09 Dec 2020 18:28
 Operator : SY/MD
 Sample : L4979-12RE
 Misc : 4.07G/10ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1G2RE

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:25:32 PM

Quant Time: Dec 10 04:12:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 02:27:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	177969	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	158294	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	58068	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	48274	19.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.72%
7) Chloroethane-d5	2.77	69	42183	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.88%
10) 1,1-Dichloroethene-d2	3.86	63	78826	16.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.56%
20) 2-Butanone-d5	6.90	46	38835	43.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.56%
24) Chloroform-d	7.49	84	103825	22.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.68%
26) 1,2-Dichloroethane-d4	8.15	65	58920	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.44%
29) Benzene-d6	8.12	84	223687	24.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.64%
33) 1,2-Dichloropropane-d6	9.12	67	68338	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.80%
37) Toluene-d8	10.18	98	197874	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.36%
38) trans-1,3-Dichloropropene-	10.44	79	30902	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.36%
39) 2-Hexanone-d5	10.79	63	31993	47.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.18%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	56878	23.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.16%
61) 1,2-Dichlorobenzene-d4	13.72	152	51566	24.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.76%

Target Compounds

					Ovalue
13) Acetone	3.96	43	5287	8.039 ug/L	94
16) Methylene chloride	4.72	84	5693m	1.822 ug/L	
34) Benzene	8.17	78	3648	0.403 ug/L	100
44) Toluene	10.25	91	13339	1.396 ug/L	97
53) Ethylbenzene	11.59	91	12574	1.206 ug/L	100
54) m,p-Xylene	11.70	106	1674	0.416 ug/L	99
55) o-xylene	12.03	106	761	0.197 ug/L #	43

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

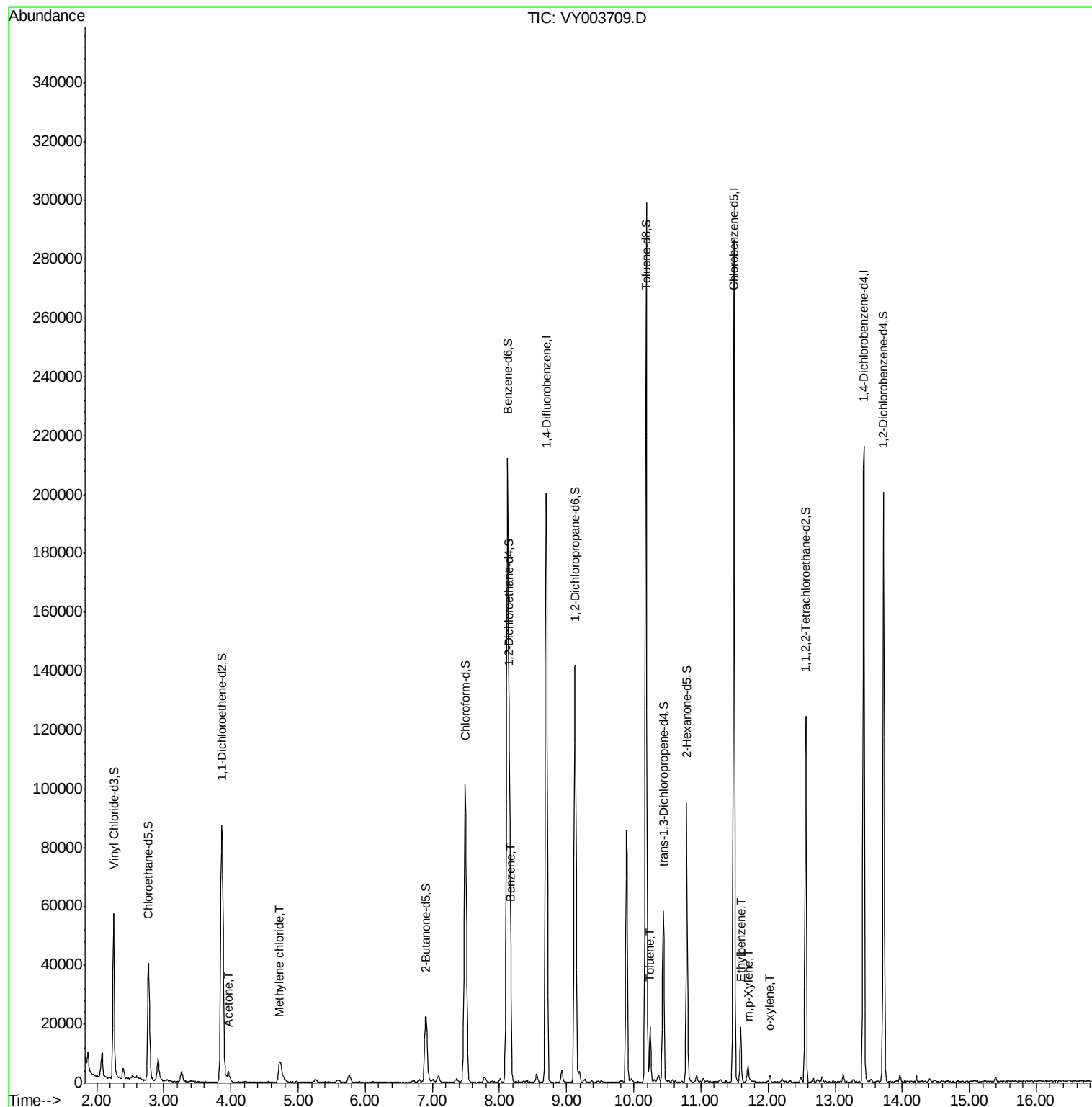
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
Data File : VY003709.D
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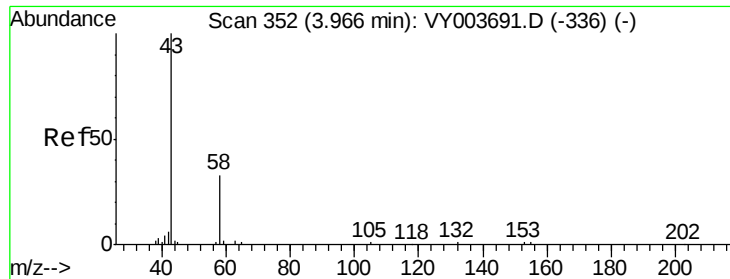
Instrument :
MSVOA_Y
ClientSampleId :
GB1G2RE

Manual Integrations
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Quant Time: Dec 10 04:12:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 02:27:01 2020
Response via : Initial Calibration





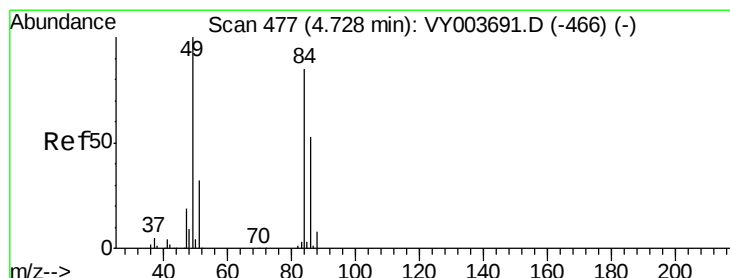
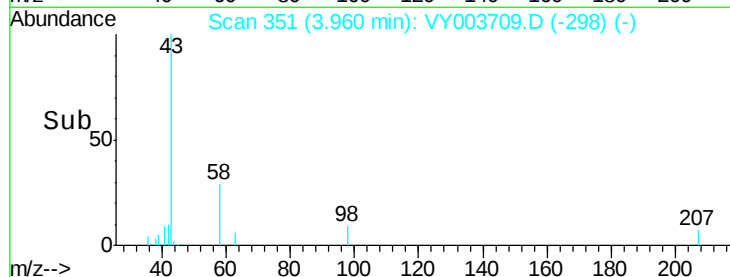
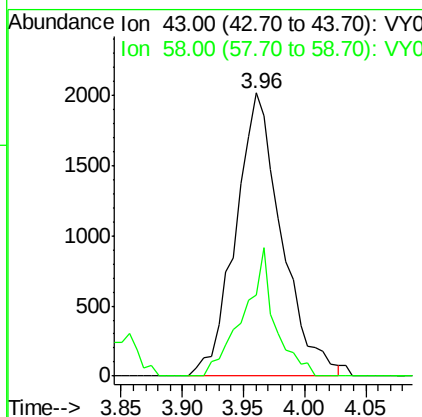
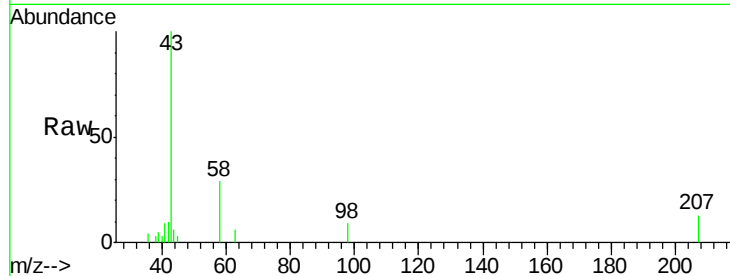
#13
Acetone
Concen: 8.039 ug/L
RT: 3.96 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY003709.D
Acq: 09 Dec 2020 18:28

Instrument :
MSVOA_Y
ClientSampleId :
GB1G2RE

Tot Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	68.8

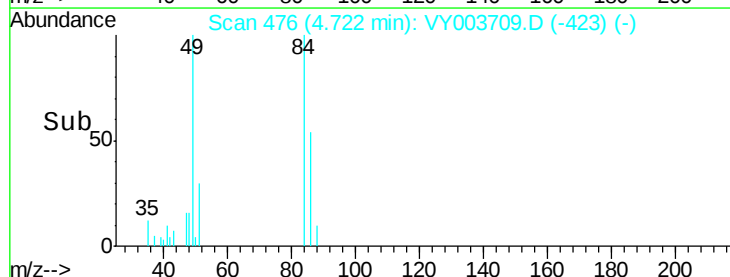
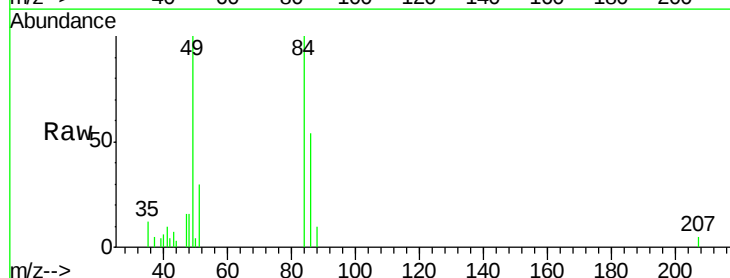
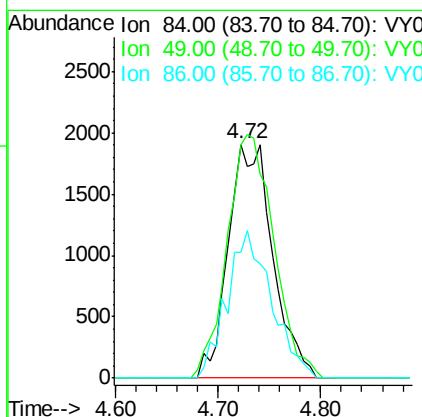
Manual Integrations
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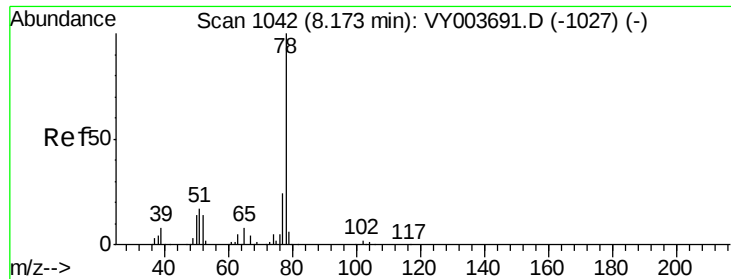
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#16
Methylene chloride
Concen: 1.822 ug/L m
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003709.D
Acq: 09 Dec 2020 18:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	99.7	83.7	155.4
86	53.9	45.0	83.6





#34

Benzene

Concen: 0.403 ug/L

RT: 8.17 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VY003709.D

Acq: 09 Dec 2020 18:28

Instrument :

MSVOA_Y

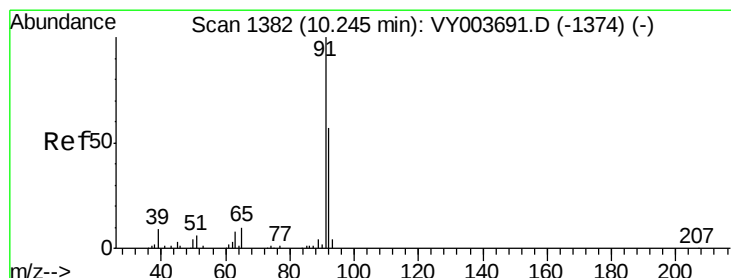
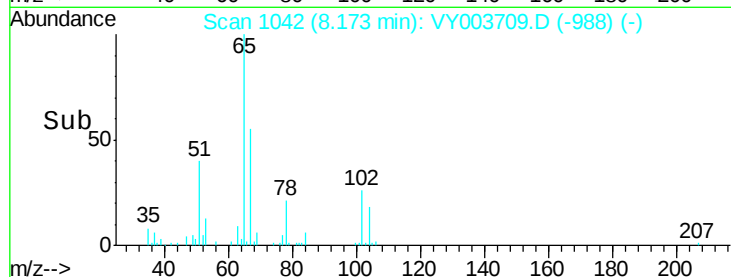
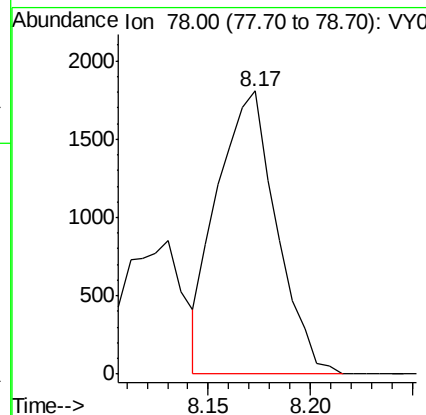
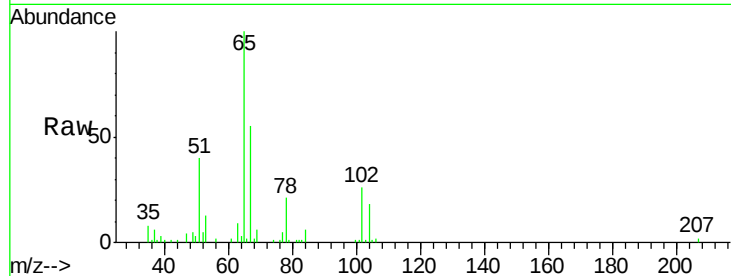
ClientSampleId :

GB1G2RE

Tgt Ion: 78 Resp: 3648

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#44

Toluene

Concen: 1.396 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VY003709.D

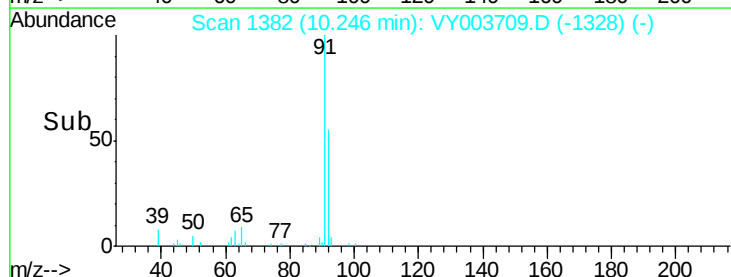
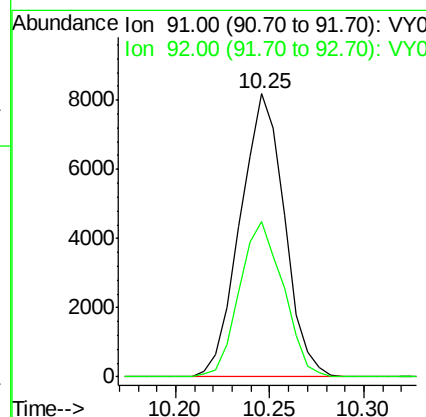
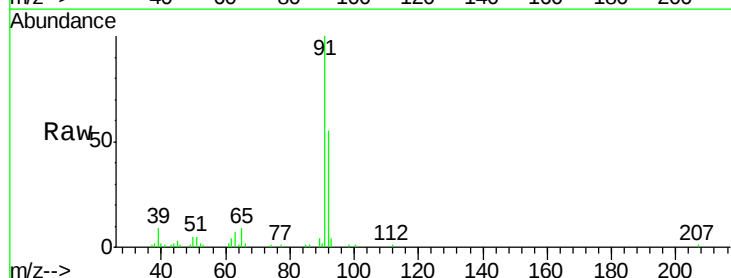
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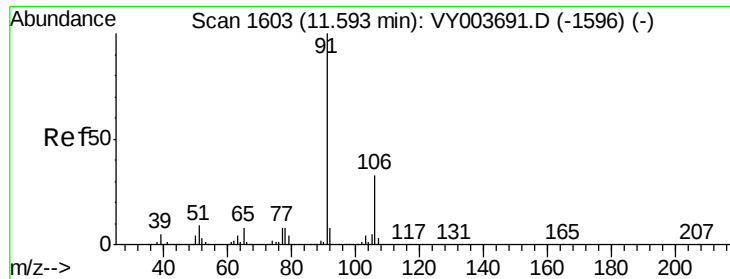
Tgt Ion: 91 Resp: 13339

Ion Ratio Lower Upper

91 100

92 54.8 39.8 73.8





#53

Ethylbenzene

Concen: 1.206 ug/L

RT: 11.59 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VY003709.D

Acq: 09 Dec 2020 18:28

Instrument :

MSVOA_Y

ClientSampleId :

GB1G2RE

Tot Ion: 91 Resp: 12574

Ion Ratio Lower Upper

91 100

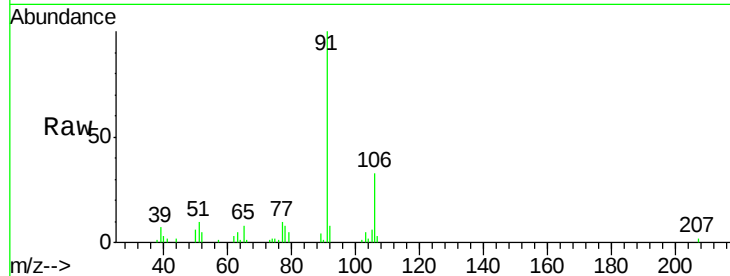
106 33.3 23.3 43.3

Manual Integrations

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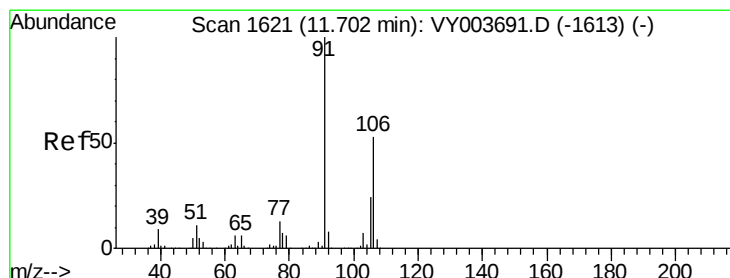
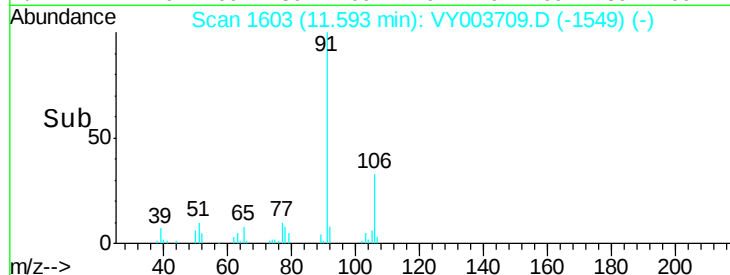
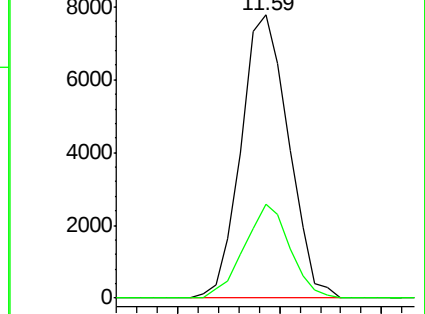
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Abundance Ion 91.00 (90.70 to 91.70): VY003709.D (-1549) (-)

Ion 106.00 (105.70 to 106.70): VY003709.D (-1549) (-)



#54

m,p-Xylene

Concen: 0.416 ug/L

RT: 11.70 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VY003709.D

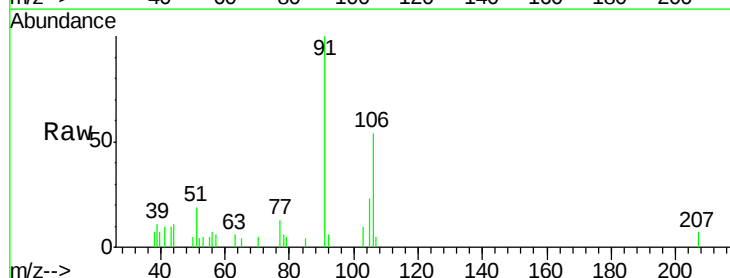
Acq: 09 Dec 2020 18:28

Tgt Ion: 106 Resp: 1674

Ion Ratio Lower Upper

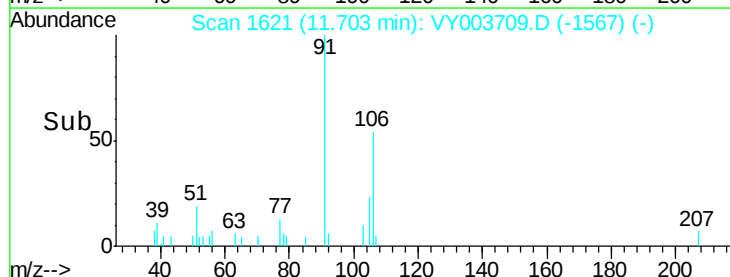
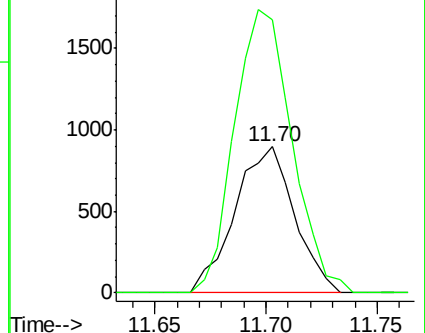
106 100

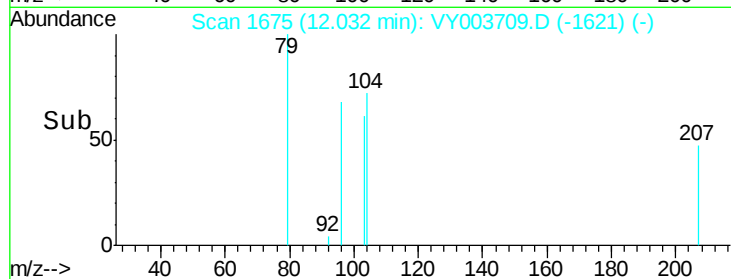
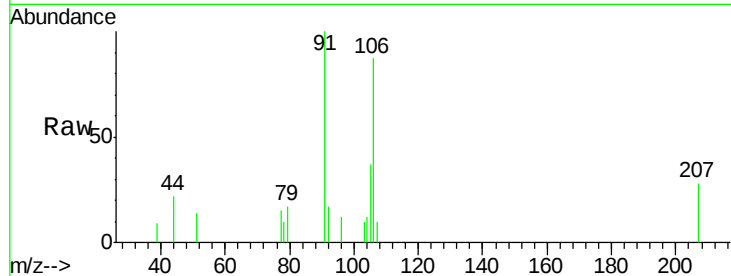
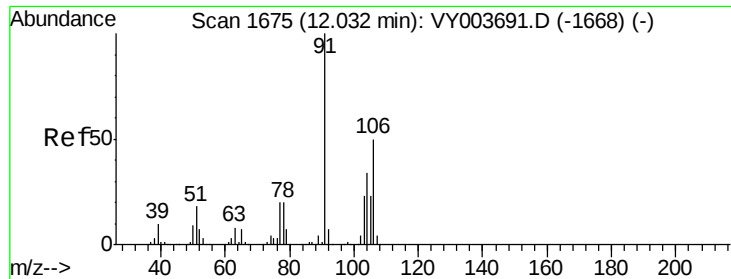
91 186.5 131.3 243.9



Abundance Ion 106.00 (105.70 to 106.70): VY003709.D (-1567) (-)

Ion 91.00 (90.70 to 91.70): VY003709.D (-1567) (-)





#55
o-xylene
Concen: 0.197 ug/L
RT: 12.03 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VY003709.D
Acq: 09 Dec 2020 18:28

Tot Ion	Ratio	Lower	Upper
106	100		
91	115.4	141.7	263.3#

Instrument :
MSVOA_Y
ClientSampleId :
GB1G2RE

Manual Integrations
APPROVED

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12/11/2020 12:25:32 PM

