

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
 Data File : VY003759.D
 Acq On : 14 Dec 2020 19:34
 Operator : SY/MD
 Sample : L5063-07RE
 Misc : 4.37G/10ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AD9RE

Manual Integrations
 APPROVED

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 12/16/2020 12:35:47 PM

Quant Time: Dec 15 05:14:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 03:40:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	258053	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	196066	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	62423	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	105318	29.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.64%
7) Chloroethane-d5	2.77	69	81588	31.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.28%
10) 1,1-Dichloroethene-d2	3.86	63	154016	20.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.24%
20) 2-Butanone-d5	6.90	46	70018	45.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.24%
24) Chloroform-d	7.49	84	181923	27.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	8.15	65	104327	27.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.12%
29) Benzene-d6	8.12	84	377636	33.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.12%
33) 1,2-Dichloropropane-d6	9.12	67	114939	32.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	130.12%#
37) Toluene-d8	10.18	98	300497	29.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.04%
38) trans-1,3-Dichloropropene-	10.44	79	51356	29.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.24%
39) 2-Hexanone-d5	10.79	63	53684	55.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.18%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	77678	25.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.56%
61) 1,2-Dichlorobenzene-d4	13.72	152	63268	28.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.88%

Target Compounds

					Ovalue
3) Chloromethane	2.12	50	2289	0.569 ug/L	97
13) Acetone	3.97	43	4064	3.841 ug/L	64
16) Methylene chloride	4.72	84	7218m	1.558 ug/L	
44) Toluene	10.25	91	5302	0.400 ug/L	97
54) m,p-Xylene	11.70	106	2712	0.486 ug/L	81
55) o-xylene	12.03	106	2798	0.534 ug/L	79
57) Isopropylbenzene	12.33	105	2627	0.188 ug/L #	87

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

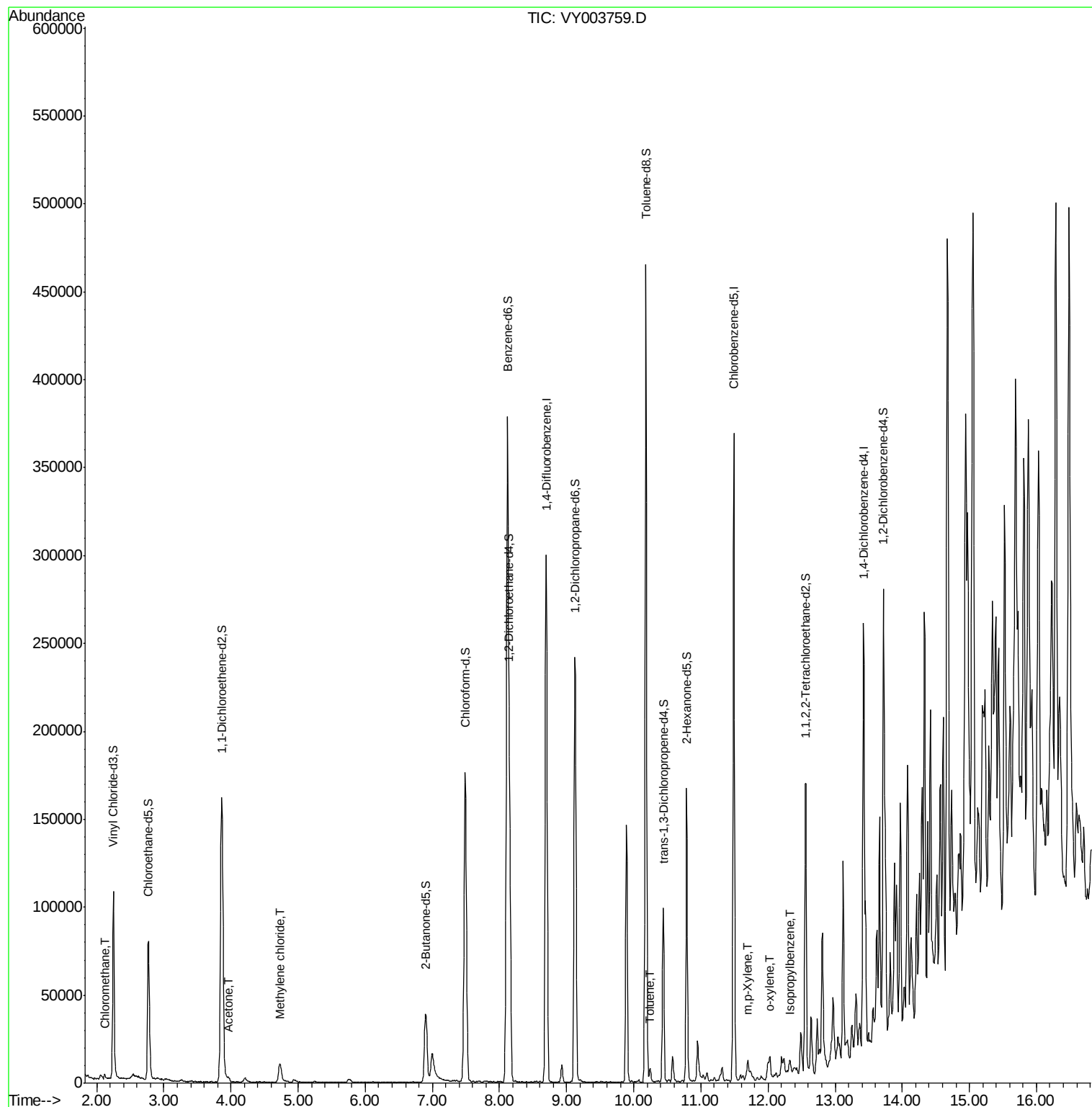
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121420\
Data File : VY003759.D
Acq On : 14 Dec 2020 19:34
Operator : SY/MD
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ALS Vial : 22 Sample Multiplier: 1

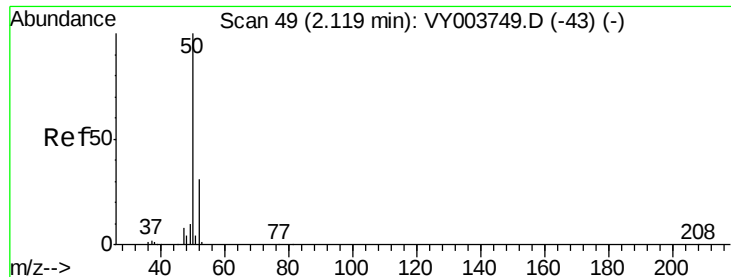
Instrument :
MSVOA_Y
ClientSampleId :
C0AD9RE

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Quant Time: Dec 15 05:14:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 15 03:40:13 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.569 ug/L

RT: 2.12 min Scan# 49

Delta R.T. -0.00 min

Lab File: VY003759.D

Acq: 14 Dec 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

C0AD9RE

Tot Ion: 50 Resp: 2289

Ion Ratio Lower Upper

50 100

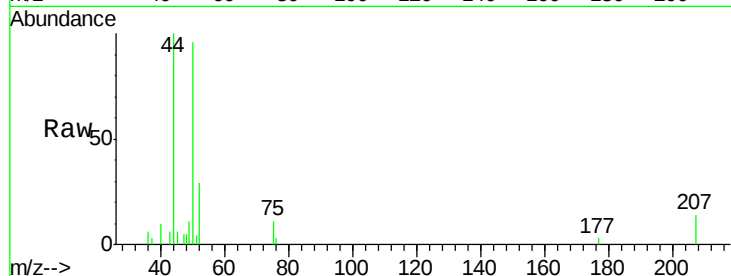
52 30.6 22.8 42.4

Manual Integrations

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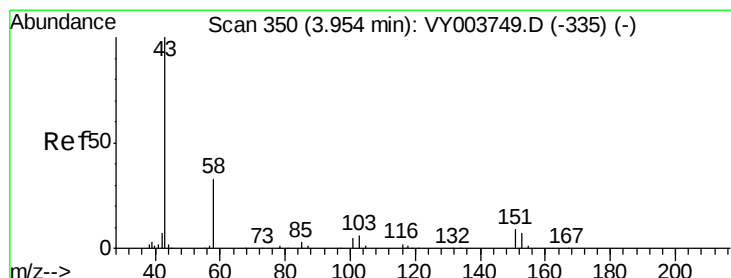
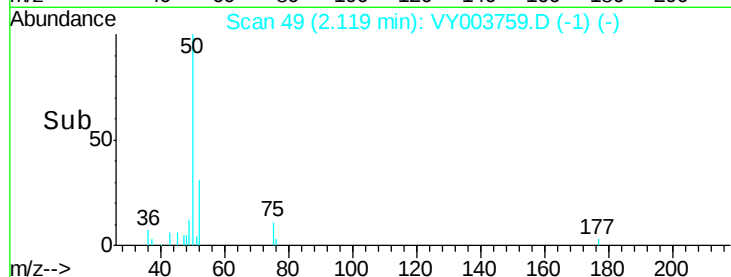
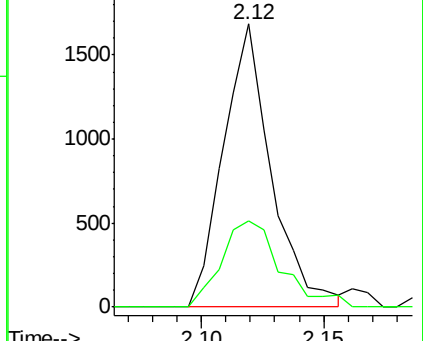
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Abundance Ion 50.00 (49.70 to 50.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#13

Acetone

Concen: 3.841 ug/L

RT: 3.97 min Scan# 352

Delta R.T. 0.01 min

Lab File: VY003759.D

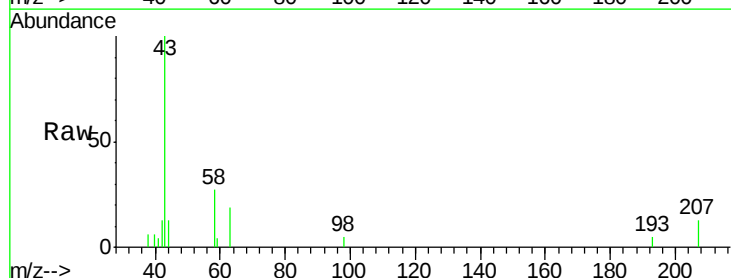
Acq: 14 Dec 2020 19:34

Tgt Ion: 43 Resp: 4064

Ion Ratio Lower Upper

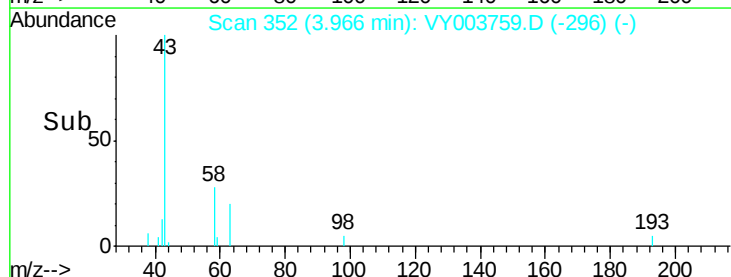
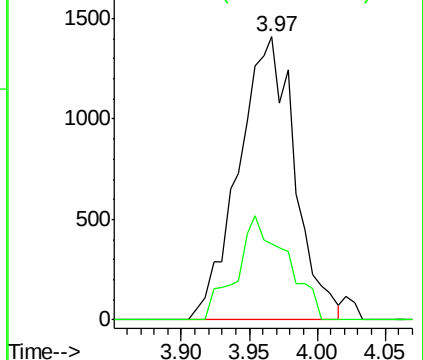
43 100

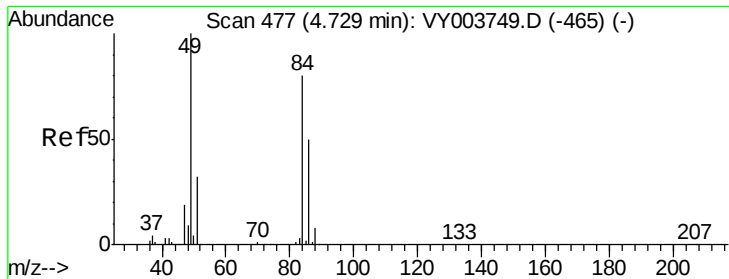
58 12.4 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





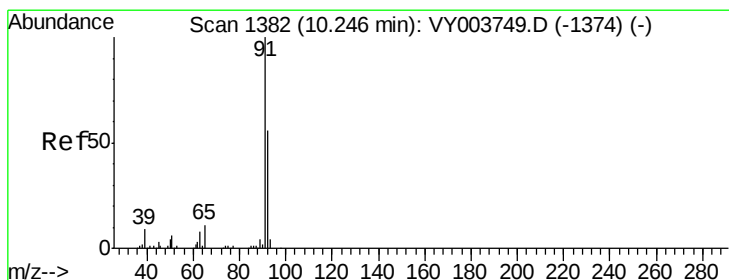
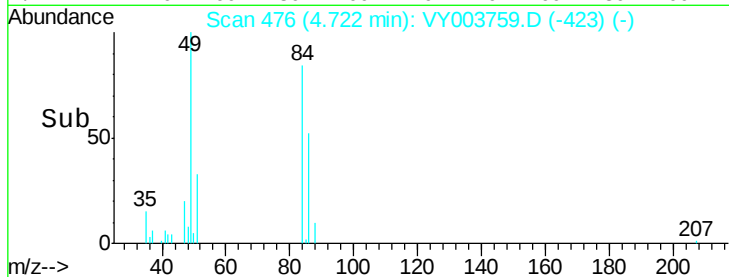
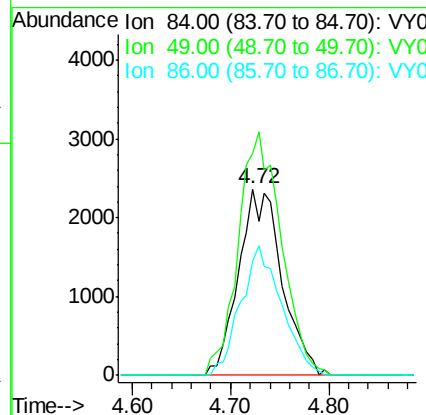
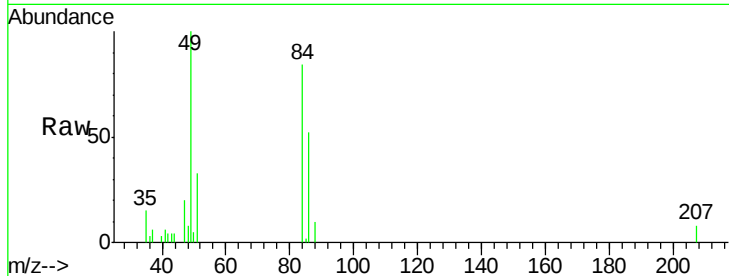
#16
Methvlene chloride
Concen: 1.558 ug/L m
RT: 4.72 min Scan# 476
Delta R.T. -0.01 min
Lab File: VY003759.D
Acq: 14 Dec 2020 19:34

Instrument :
MSVOA_Y
ClientSampleId :
C0AD9RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	119.0	88.2	163.8
86	61.4	43.0	79.8

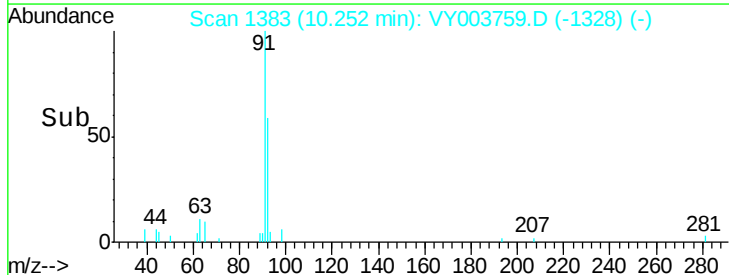
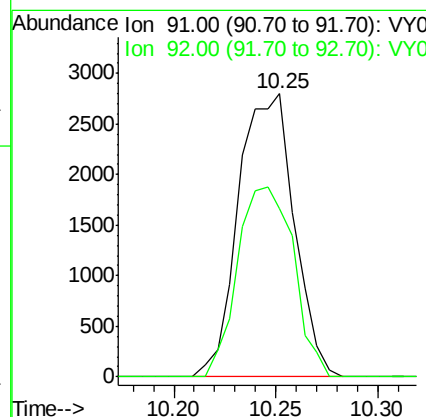
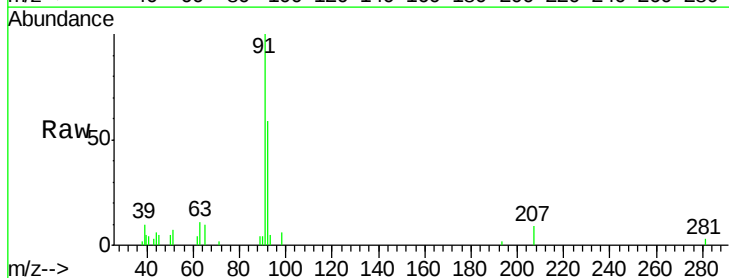
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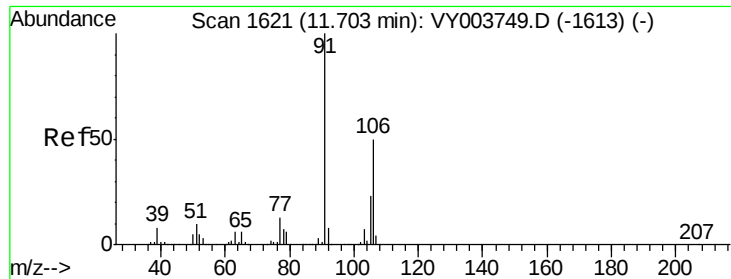
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#44
Toluene
Concen: 0.400 ug/L
RT: 10.25 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VY003759.D
Acq: 14 Dec 2020 19:34

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.4	39.9	74.1





#54

m,p-Xylene

Concen: 0.486 ug/L

RT: 11.70 min Scan# 1620

Delta R.T. -0.01 min

Lab File: VY003759.D

Acq: 14 Dec 2020 19:34

Instrument :

MSVOA_Y

ClientSampleId :

C0AD9RE

Tot Ion:106 Resp: 2712

Ion Ratio Lower Upper

106 100

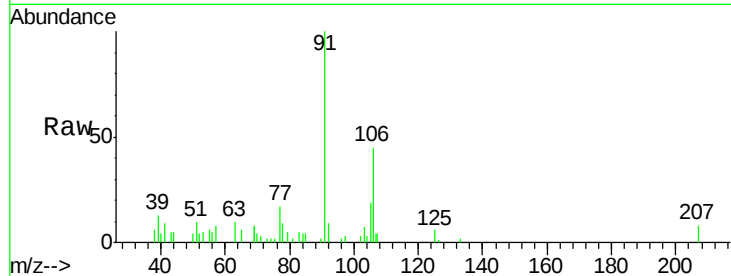
91 223.7 136.4 253.4

Manual Integrations

APPROVED

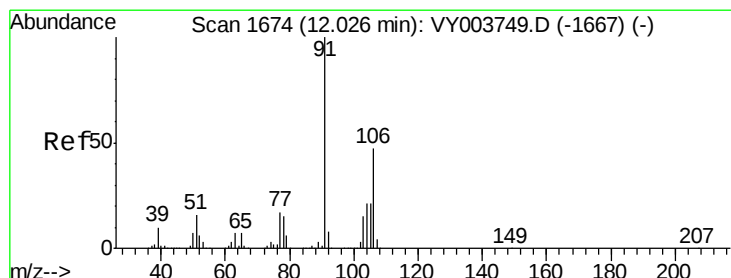
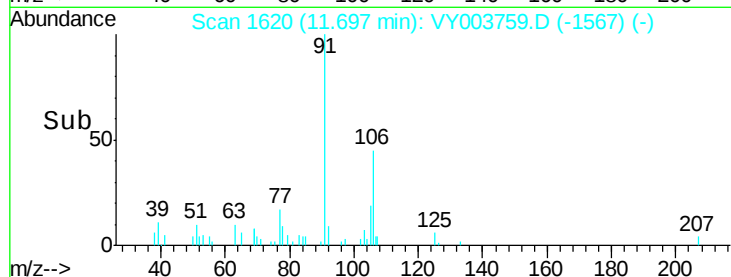
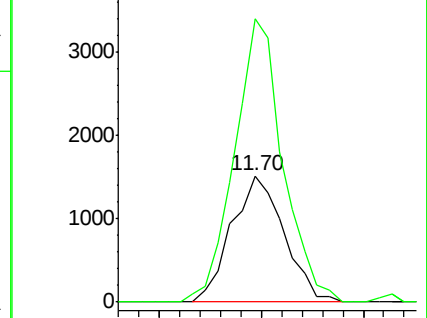
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0



#55

o-xylene

Concen: 0.534 ug/L

RT: 12.03 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VY003759.D

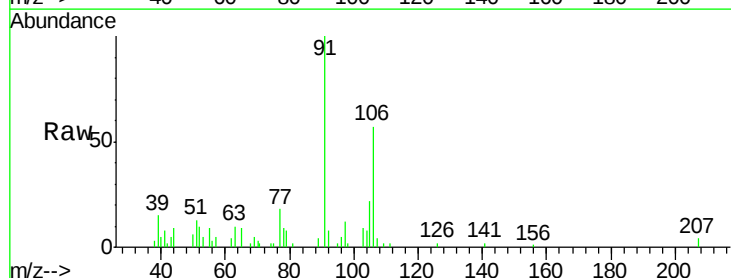
Acq: 14 Dec 2020 19:34

Tgt Ion:106 Resp: 2798

Ion Ratio Lower Upper

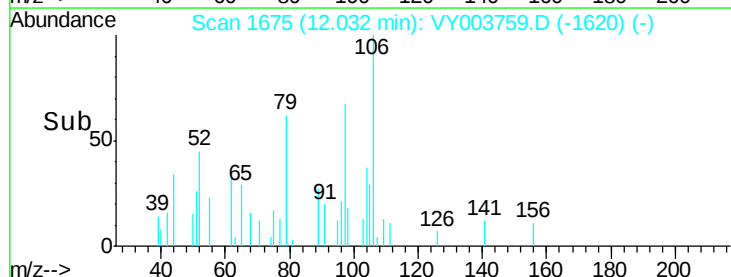
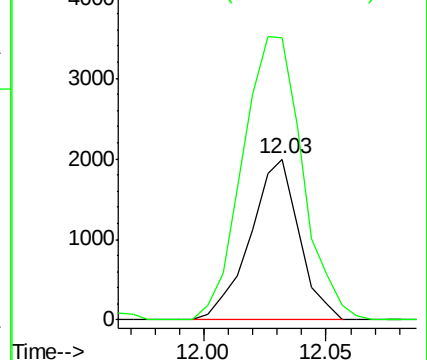
106 100

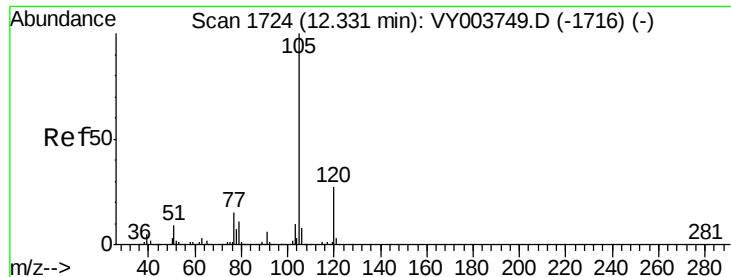
91 175.3 145.5 270.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





#57
Isopropylbenzene
Concen: 0.188 ug/L
RT: 12.33 min Scan# 1724
Delta R.T. -0.00 min
Lab File: VY003759.D
Acq: 14 Dec 2020 19:34

Instrument :
MSVOA_Y
ClientSampleId :
C0AD9RE

Tot Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	27.0	22.1	33.1
77	29.3	12.2	18.4

Manual Integrations
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