

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012297.D
 Acq On : 20 Aug 2019 00:32
 Operator : SY/MD
 Sample : K4373-16
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD6

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 12:41:50 PM

Quant Time: Aug 20 04:32:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 20 02:35:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	241827	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	227479	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	111894	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68579	5.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.00%
7) Chloroethane-d5	1.58	69	47066	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	77638	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	3.94	46	106673	32.02	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.04%
24) Chloroform-d	4.40	84	145727	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.08	65	74519	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.10	84	300831	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	92126	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.36	98	263097	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.66	79	30050	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.13	63	140939	61.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	67222	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	109327	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	4432m	2.543	ug/L	
14) Carbon disulfide	2.32	76	36764	1.193	ug/L	97
42) Toluene	7.43	91	9201	0.132	ug/L	90
52) Ethylbenzene	9.05	91	7548	0.097	ug/L	98
53) m,p-xylene	9.18	106	8909	0.293	ug/L	92
54) o-xylene	9.59	106	11794	0.403	ug/L	93
56) Isopropylbenzene	9.97	105	23912	0.296	ug/L	97

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

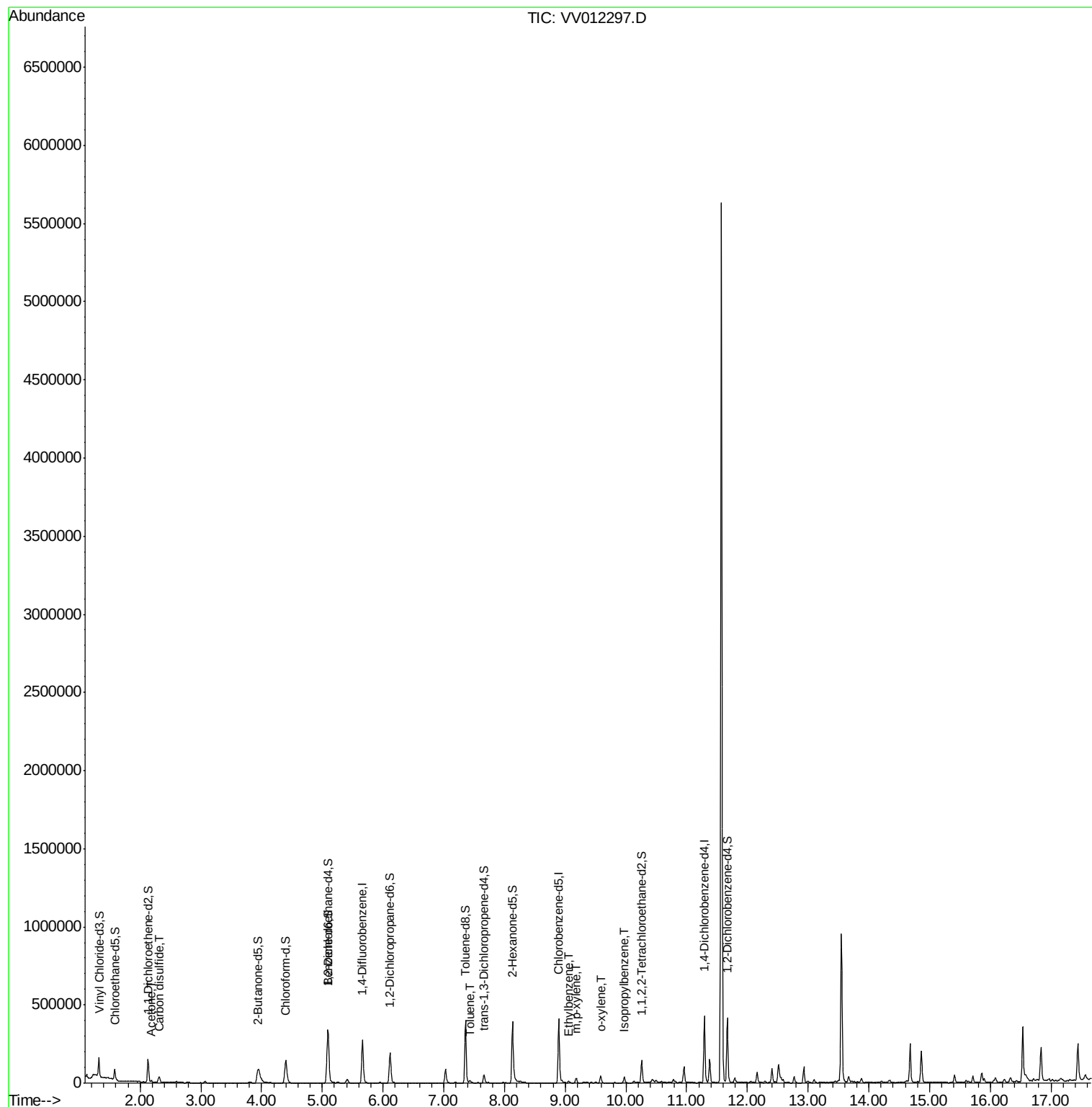
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081919\
Data File : VV012297.D
Acq On : 20 Aug 2019 00:32
Operator : SY/MD
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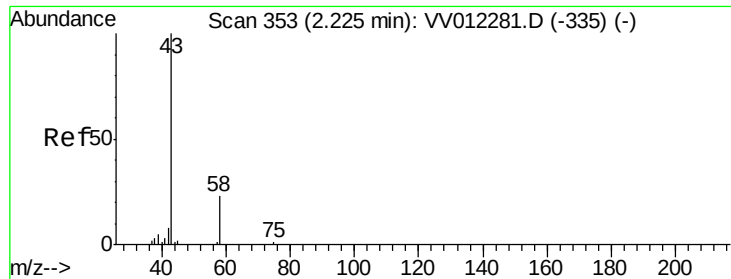
Instrument :
MSVOA_V
ClientSampleId :
C0AD6

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Quant Time: Aug 20 04:32:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration





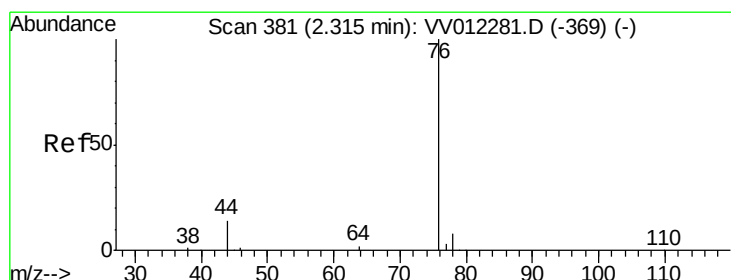
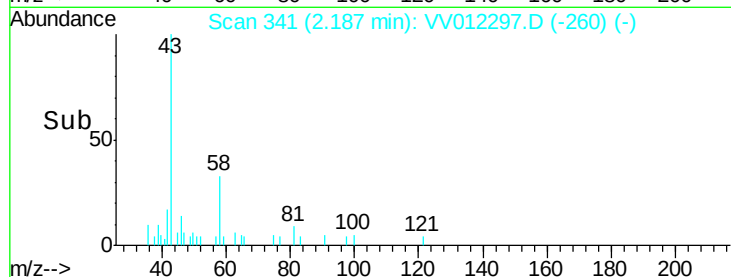
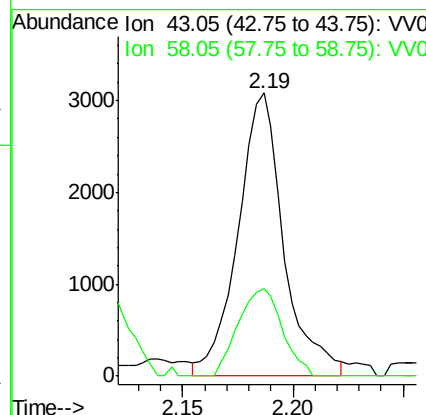
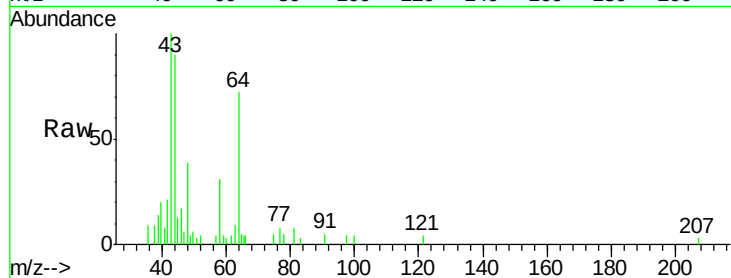
#13
Acetone
Concen: 2.543 ug/L m
RT: 2.19 min Scan# 341
Delta R.T. -0.04 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
C0AD6

Tot Ion	43	Resp	4432
Ion	Ratio	Lower	Upper
43	100		
58	1.8	0.0	25.6

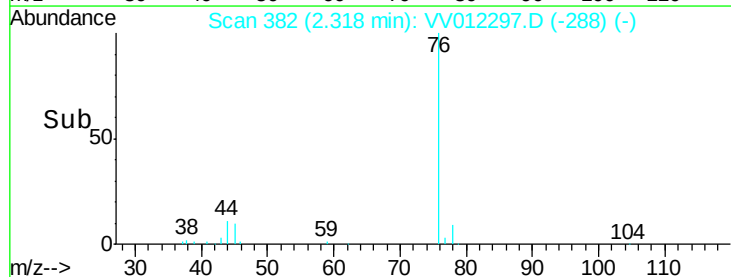
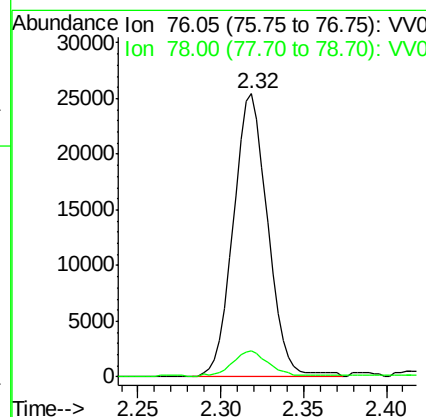
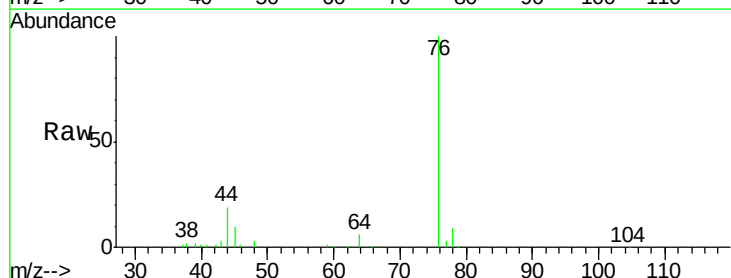
Manual Integrations
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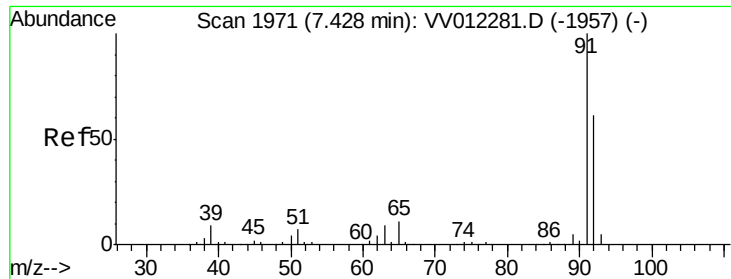
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#14
Carbon disulfide
Concen: 1.193 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV012297.D
Acq: 20 Aug 2019 00:32

Tgt Ion	76	Resp	36764
Ion	Ratio	Lower	Upper
76	100		
78	9.2	8.3	12.5





#42

Toluene

Concen: 0.132 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012297.D

Acq: 20 Aug 2019 00:32

Instrument :

MSVOA_V

ClientSampled :

C0AD6

Tot Ion: 91 Resp: 9201

Ion Ratio Lower Upper

91 100

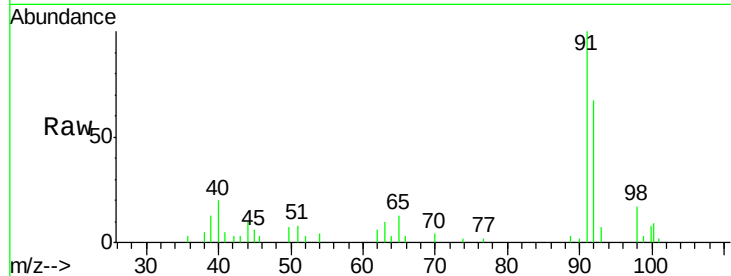
92 67.0 41.6 77.3

Manual Integrations

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Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

4000

3000

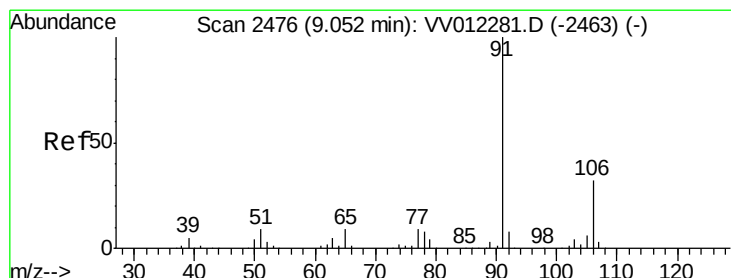
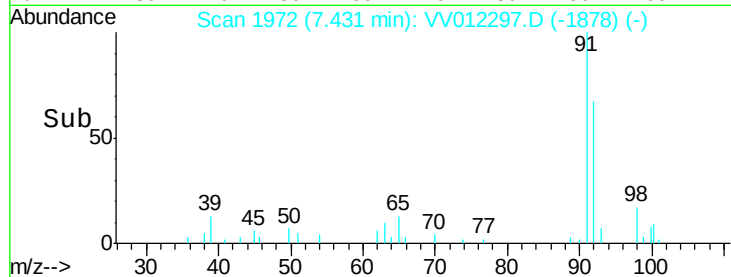
2000

1000

0

7.40 7.45 7.50

Time-->



#52

Ethylbenzene

Concen: 0.097 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV012297.D

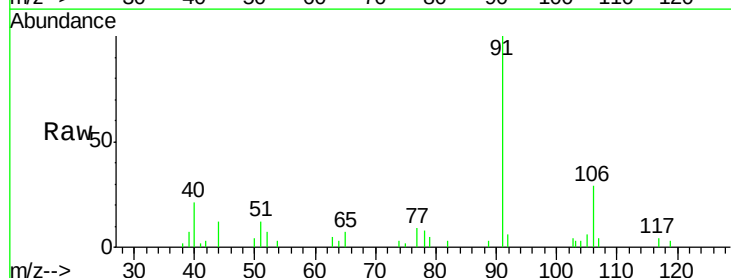
Acq: 20 Aug 2019 00:32

Tgt Ion: 91 Resp: 7548

Ion Ratio Lower Upper

91 100

106 29.5 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V

9.05

5000

4000

3000

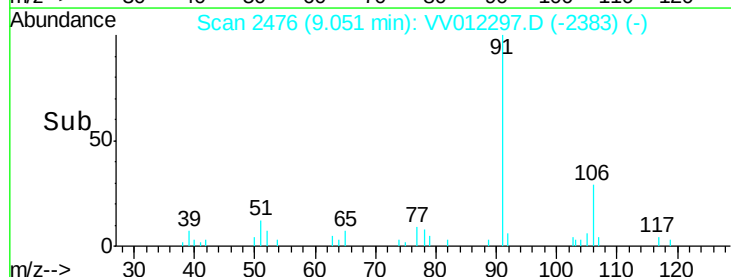
2000

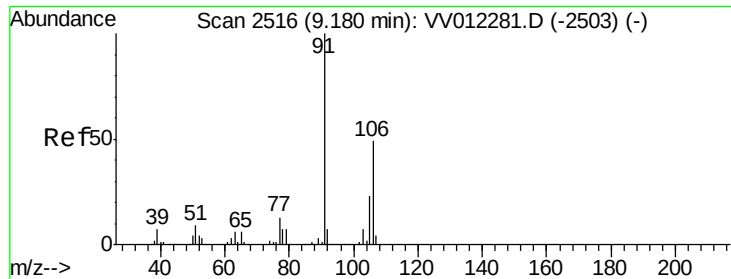
1000

0

9.00 9.05 9.10

Time-->





#53

m,p-xylene

Concen: 0.293 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV012297.D

Acq: 20 Aug 2019 00:32

Instrument :

MSVOA_V

ClientSampleId :

C0AD6

Tot Ion:106 Resp: 8909

Ion Ratio Lower Upper

106 100

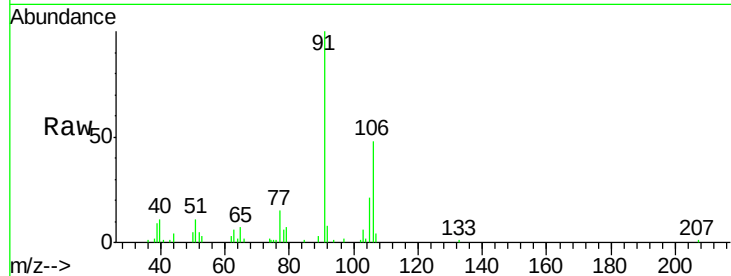
91 206.7 136.0 252.6

Manual Integrations

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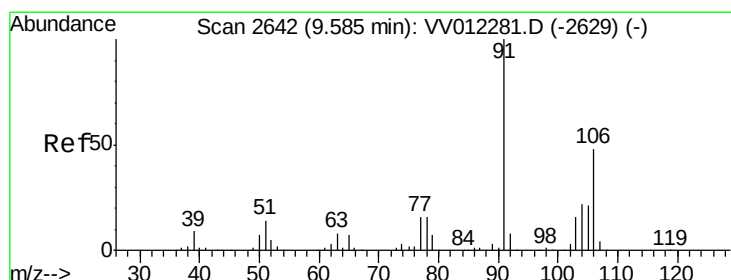
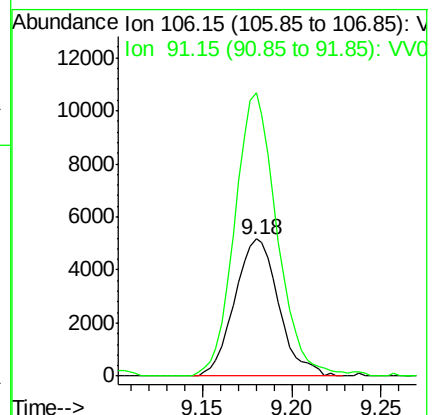
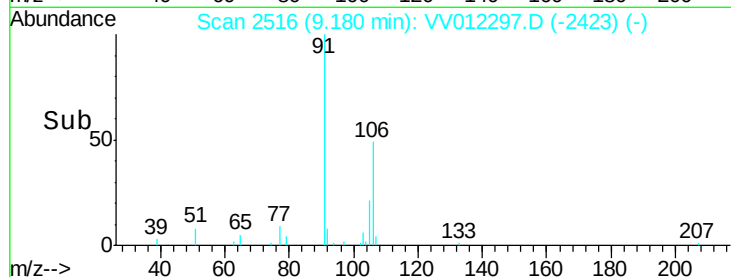
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.403 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.00 min

Lab File: VV012297.D

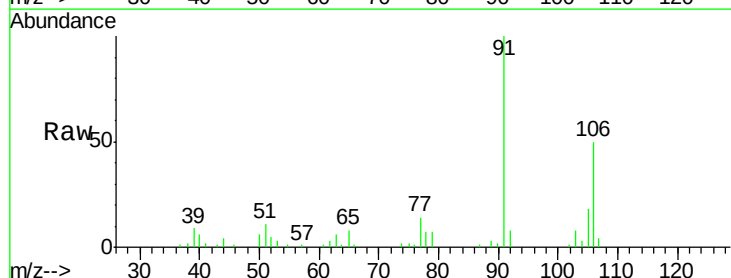
Acq: 20 Aug 2019 00:32

Tgt Ion:106 Resp: 11794

Ion Ratio Lower Upper

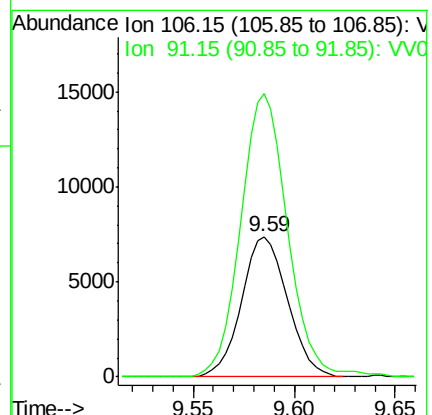
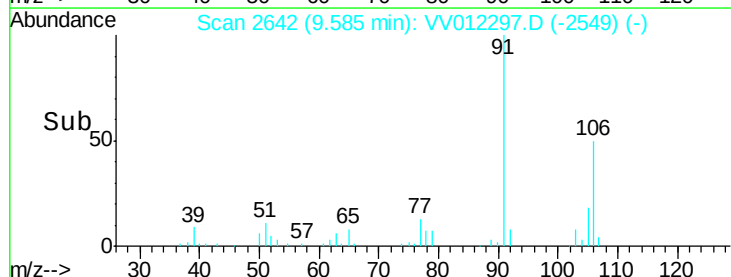
106 100

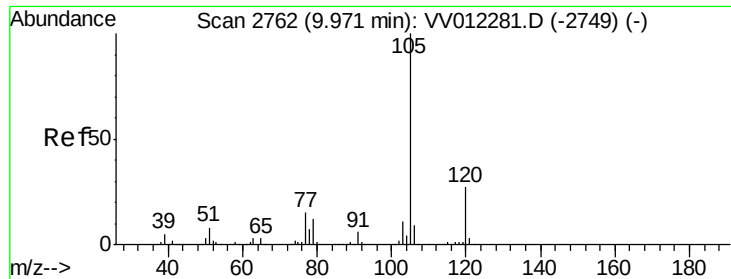
91 201.6 148.7 276.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#56

Isopropylbenzene

Concen: 0.296 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012297.D

Acq: 20 Aug 2019 00:32

Instrument :
MSVOA_V
ClientSampleId :
C0AD6

Tot Ion:	105	Resp:	23912
Ion Ratio	Lower	Upper	
105	100		
120	25.1	21.4	32.0
77	14.5	12.2	18.2

Manual Integrations
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