

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082019\
 Data File : VV012307.D
 Acq On : 20 Aug 2019 12:34
 Operator : SY/MD
 Sample : K4395-04DL 4X
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE2DL

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 8:28:04 AM

Quant Time: Aug 21 02:01:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 21 01:13:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	134191	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71036	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18233	2.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.20%
7) Chloroethane-d5	1.58	69	15141	3.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.40%#
11) 1,1-Dichloroethene-d2	2.13	63	30892	2.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.40%#
20) 2-Butanone-d5	3.97	46	48494	26.23	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	52.46%
24) Chloroform-d	4.39	84	63008	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.00%#
26) 1,2-Dichloroethane-d4	5.08	65	31233	3.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.40%#
32) Benzene-d6	5.09	84	120585	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	6.11	67	31932	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.80%
41) Toluene-d8	7.36	98	117510	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	7.66	79	14219	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	8.14	63	52215	41.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23872	3.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	51899	3.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.60%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.23	43	57380	59.338	ug/L	# 29
14) Carbon disulfide	2.31	76	16773	0.981	ug/L	97
21) 2-Butanone	4.05	43	11080m	6.039	ug/L	
33) Benzene	5.14	78	88374	2.573	ug/L	100
42) Toluene	7.43	91	83661	2.201	ug/L	95
52) Ethylbenzene	9.05	91	256476	6.030	ug/L	99
53) m,p-xylene	9.18	106	89215	5.373	ug/L	97
54) o-xylene	9.58	106	61065	3.824	ug/L	90
56) Isopropylbenzene	9.97	105	36431	0.826	ug/L	98

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

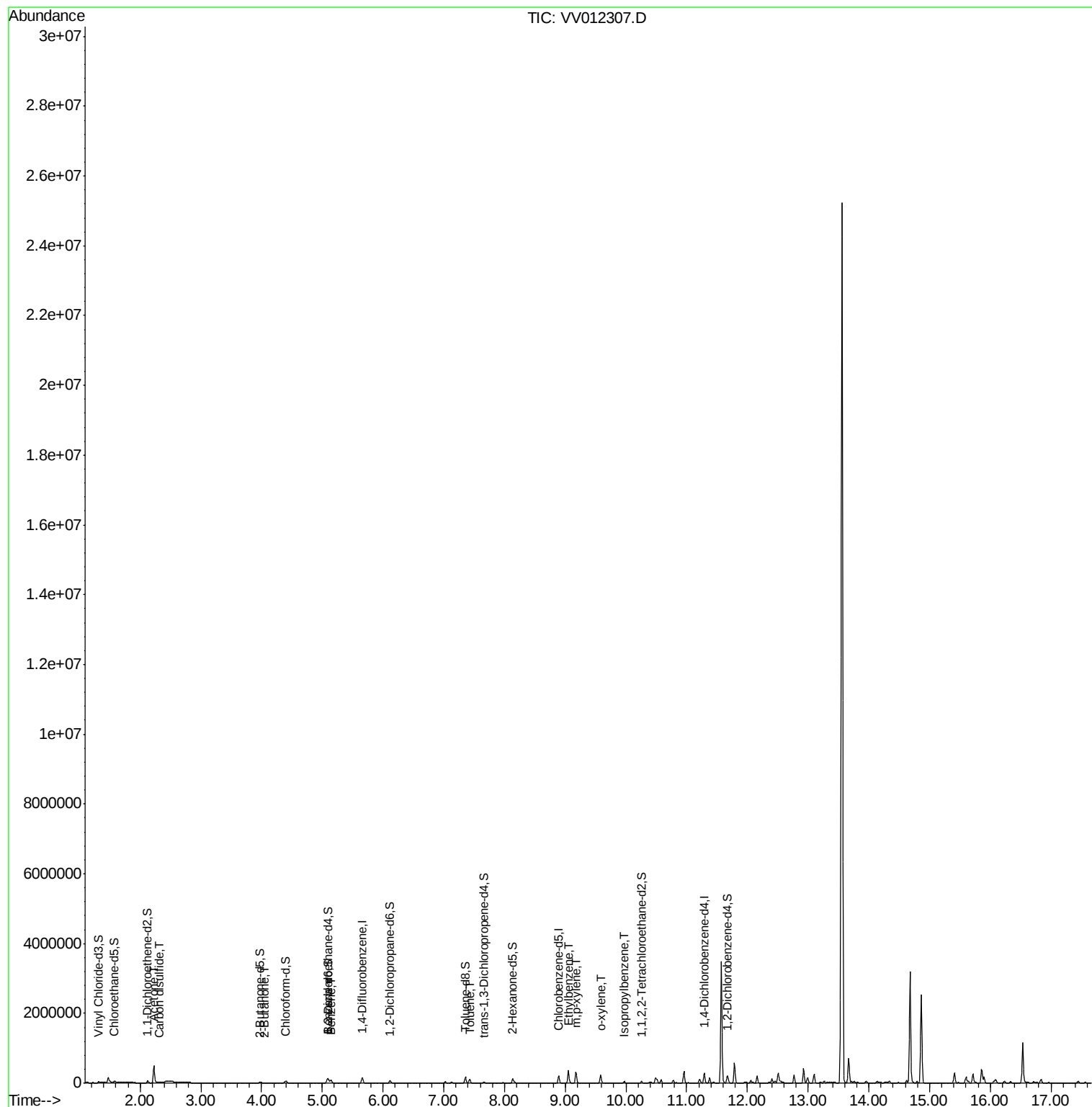
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV082019\
Data File : VV012307.D
Acq On : 20 Aug 2019 12:34
Operator : SY/MD
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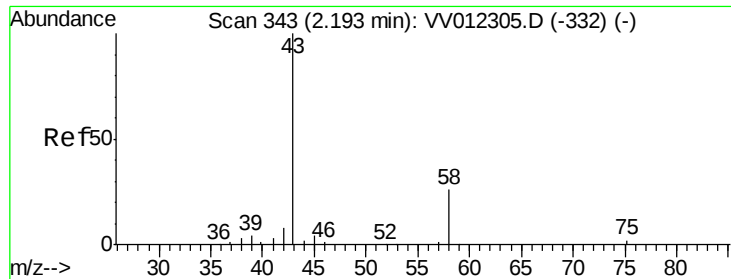
Instrument :
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C0AE2DL

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Quant Time: Aug 21 02:01:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 01:13:54 2019
Response via : Initial Calibration





#13

Acetone

Concen: 59.338 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.03 min

Lab File: VV012307.D

Acq: 20 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

C0AE2DL

Tot Ion: 43 Resp: 57380

Ion Ratio Lower Upper

43 100

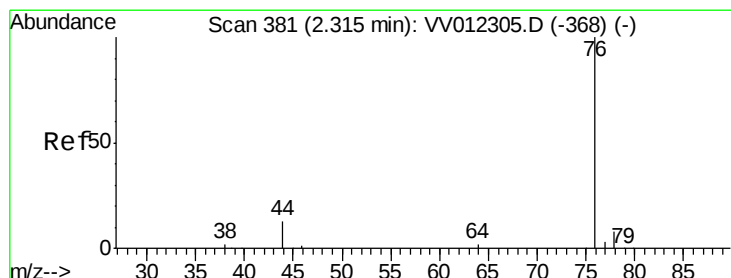
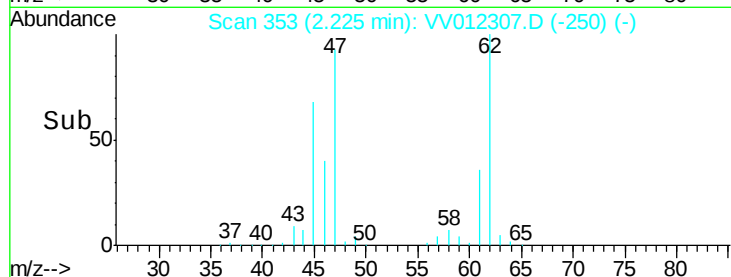
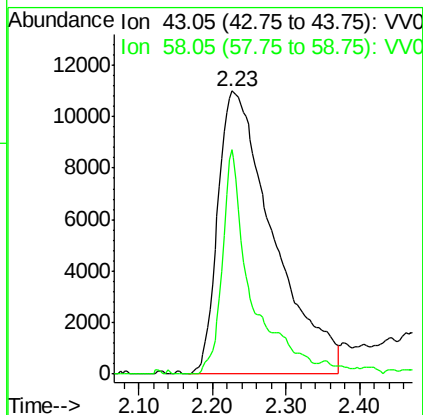
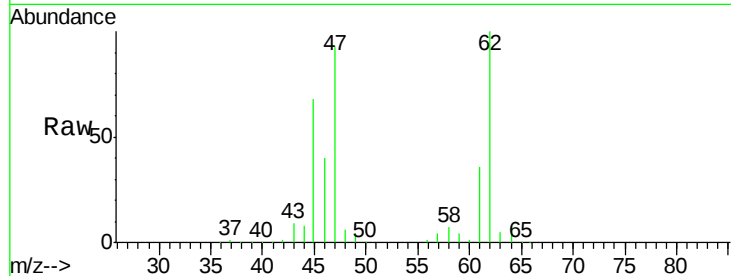
58 41.1 0.0 25.6#

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#14

Carbon disulfide

Concen: 0.981 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

Lab File: VV012307.D

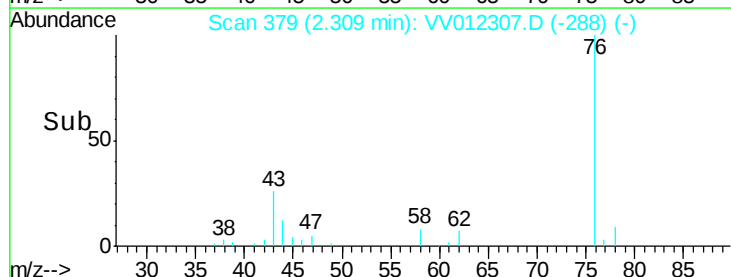
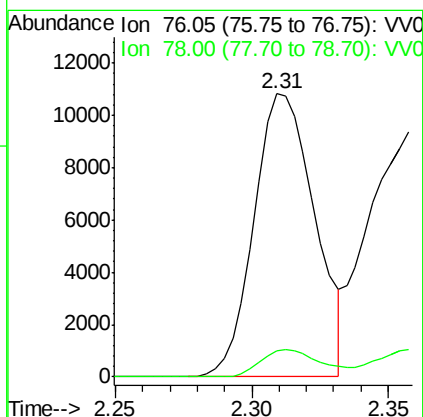
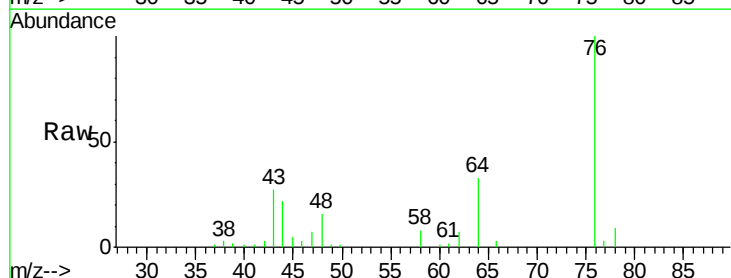
Acq: 20 Aug 2019 12:34

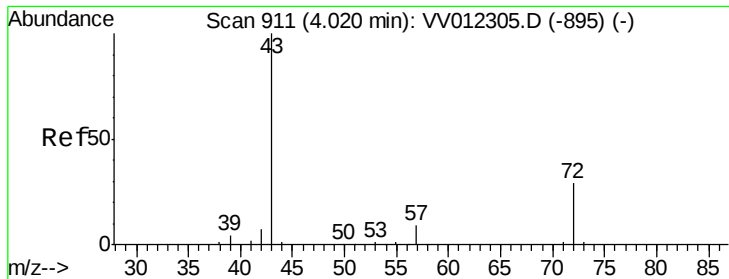
Tgt Ion: 76 Resp: 16773

Ion Ratio Lower Upper

76 100

78 9.2 8.3 12.5





#21

2-Butanone

Concen: 6.039 ug/L m

RT: 4.05 min Scan# 921

Delta R.T. 0.03 min

Lab File: VV012307.D

Acq: 20 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

C0AE2DL

Tot Ion: 43 Resp: 11080

Ion Ratio Lower Upper

43 100

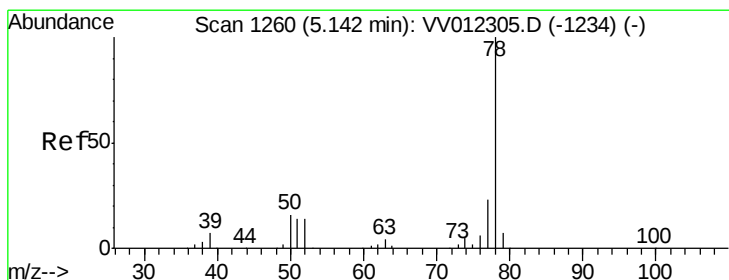
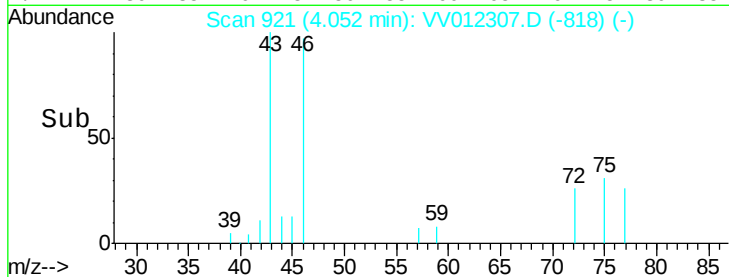
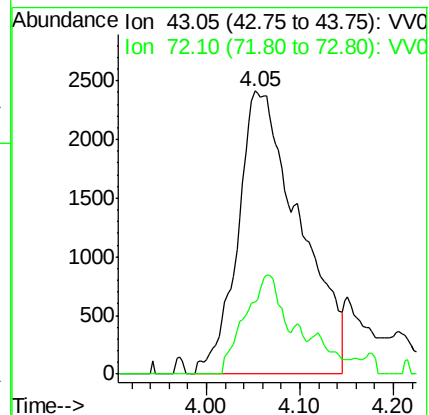
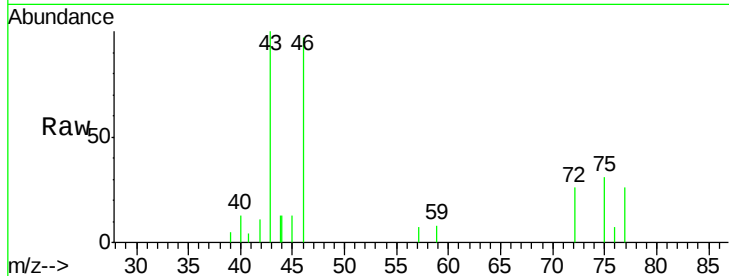
72 21.1 14.8 44.4

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#33

Benzene

Concen: 2.573 ug/L

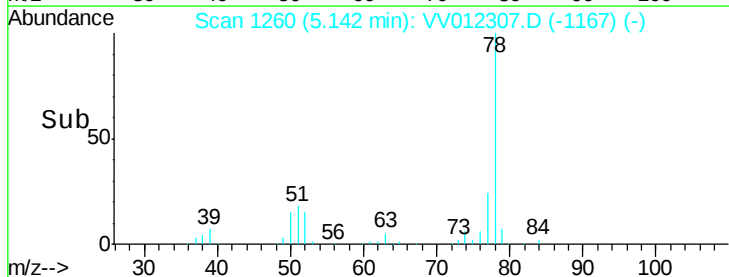
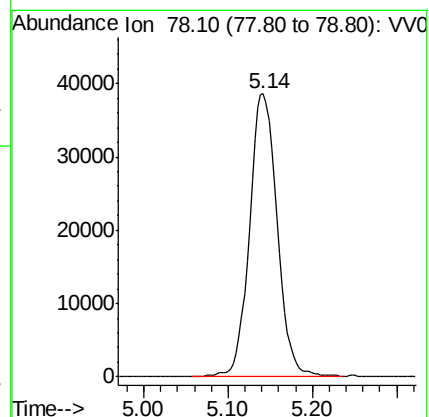
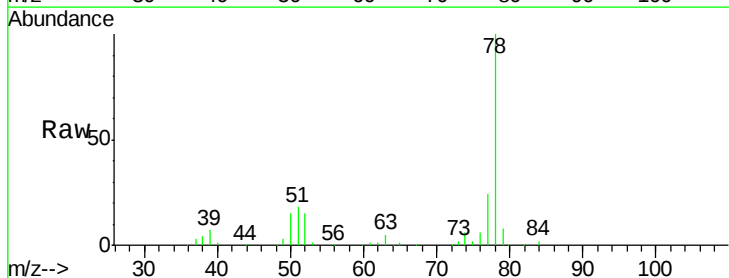
RT: 5.14 min Scan# 1260

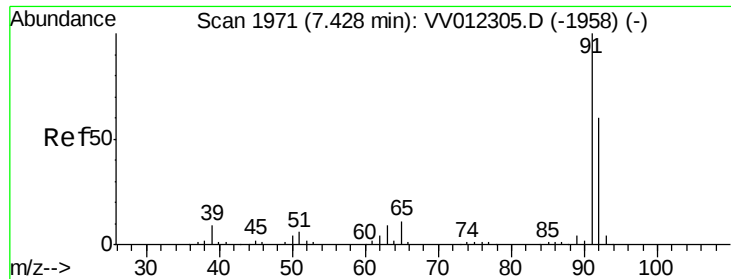
Delta R.T. 0.00 min

Lab File: VV012307.D

Acq: 20 Aug 2019 12:34

Tgt Ion: 78 Resp: 88374





#42

Toluene

Concen: 2.201 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV012307.D

Acq: 20 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampled :

C0AE2DL

Tot Ion: 91 Resp: 83661

Ion Ratio Lower Upper

91 100

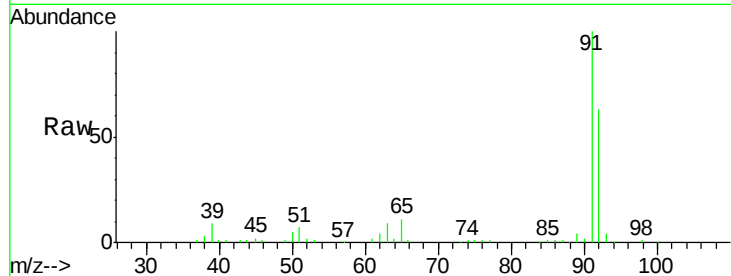
92 63.1 41.6 77.3

Manual Integrations

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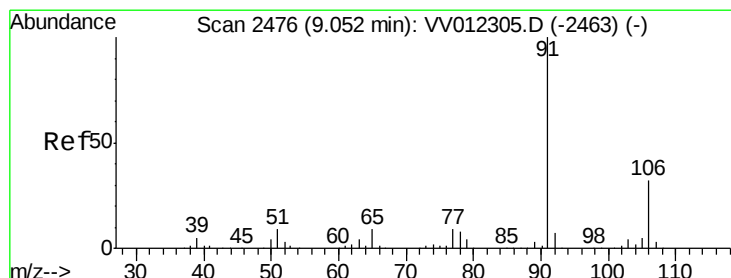
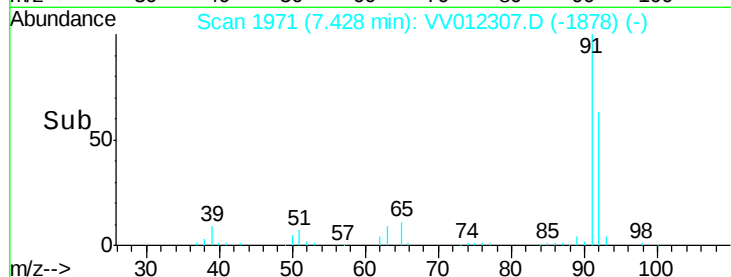
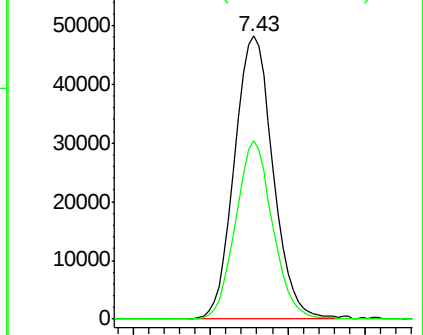
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Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#52

Ethylbenzene

Concen: 6.030 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV012307.D

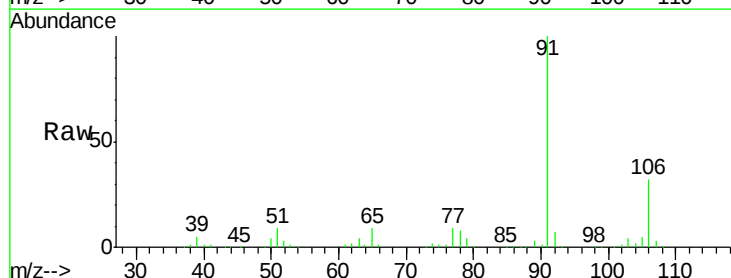
Acq: 20 Aug 2019 12:34

Tgt Ion: 91 Resp: 256476

Ion Ratio Lower Upper

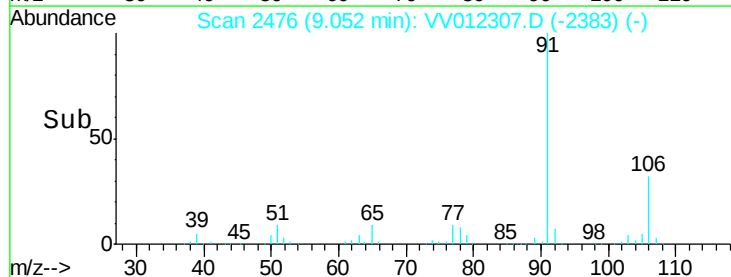
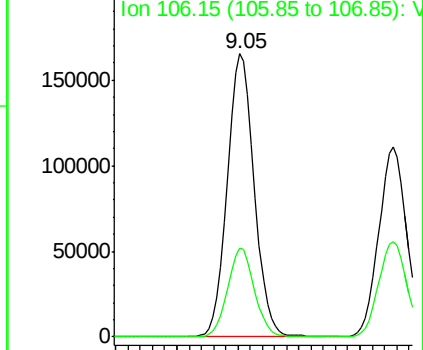
91 100

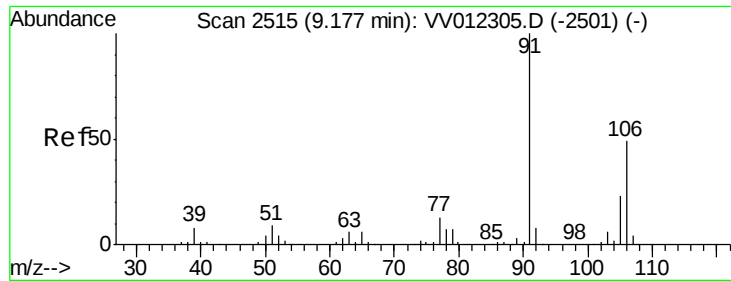
106 31.5 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 5.373 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. 0.00 min

Lab File: VV012307.D

Acq: 20 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

C0AE2DL

Tot Ion:106 Resp: 89215

Ion Ratio Lower Upper

106 100

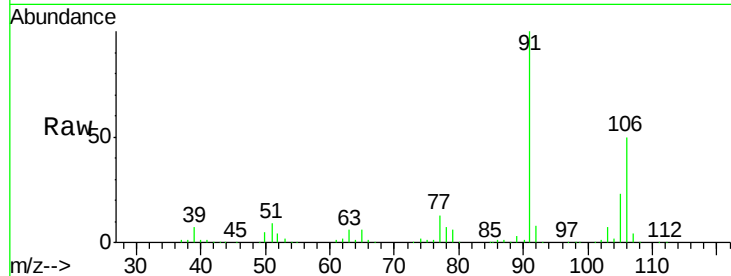
91 198.3 136.0 252.6

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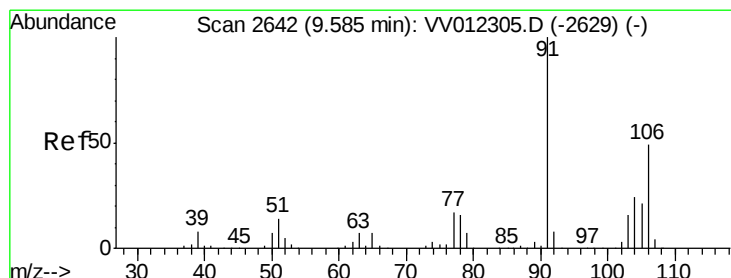
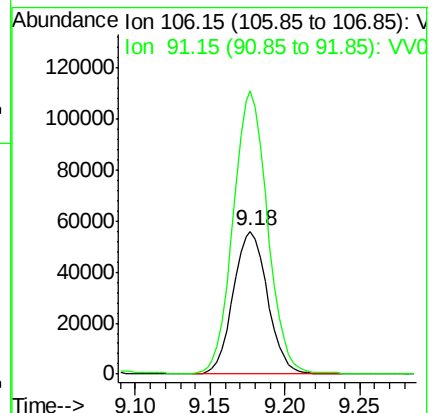
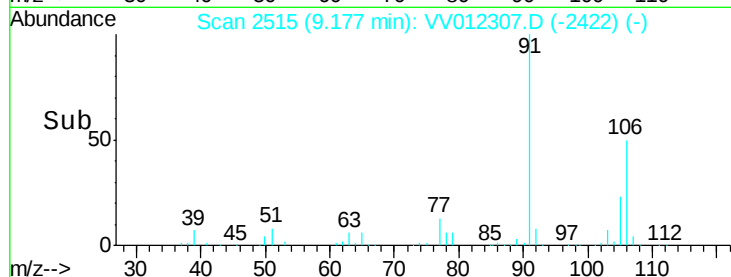
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 3.824 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV012307.D

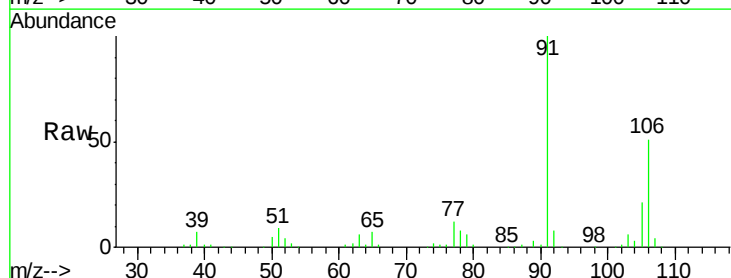
Acq: 20 Aug 2019 12:34

Tgt Ion:106 Resp: 61065

Ion Ratio Lower Upper

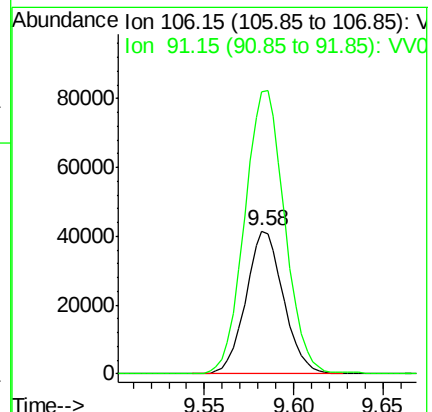
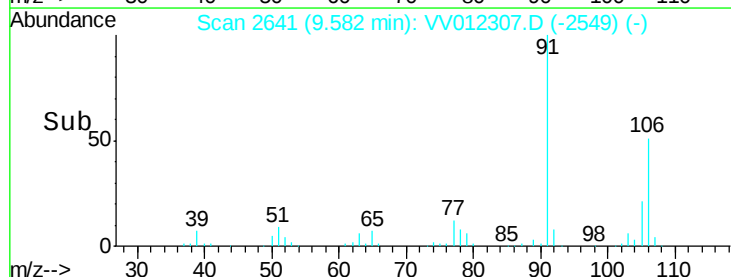
106 100

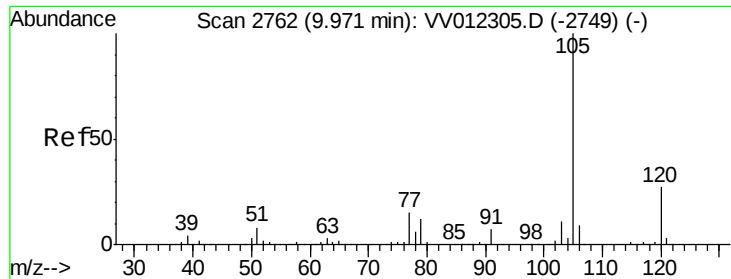
91 197.0 148.7 276.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#56

Isopropylbenzene

Concen: 0.826 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV012307.D

Acq: 20 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

C0AE2DL

Tot Ion:	105	Resp:	36431
Ion Ratio	Lower	Upper	
105	100		
120	26.9	21.4	32.0
77	16.9	12.2	18.2

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8/22/2019 8:28:04 AM

