

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012301.D
 Acq On : 20 Aug 2019 02:22
 Operator : SY/MD
 Sample : K4373-20
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG8

Quant Time: Aug 20 04:53:30 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	149497	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145237	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	79017	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43063	5.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.60%
7) Chloroethane-d5	1.58	69	26095	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.13	63	45910	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	3.94	46	47345	22.99	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	45.98%
24) Chloroform-d	4.40	84	85192	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.08	65	48392	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.10	84	169862	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.12	67	48079	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	158677	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.66	79	19275	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.13	63	63304	43.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37861	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	72527	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

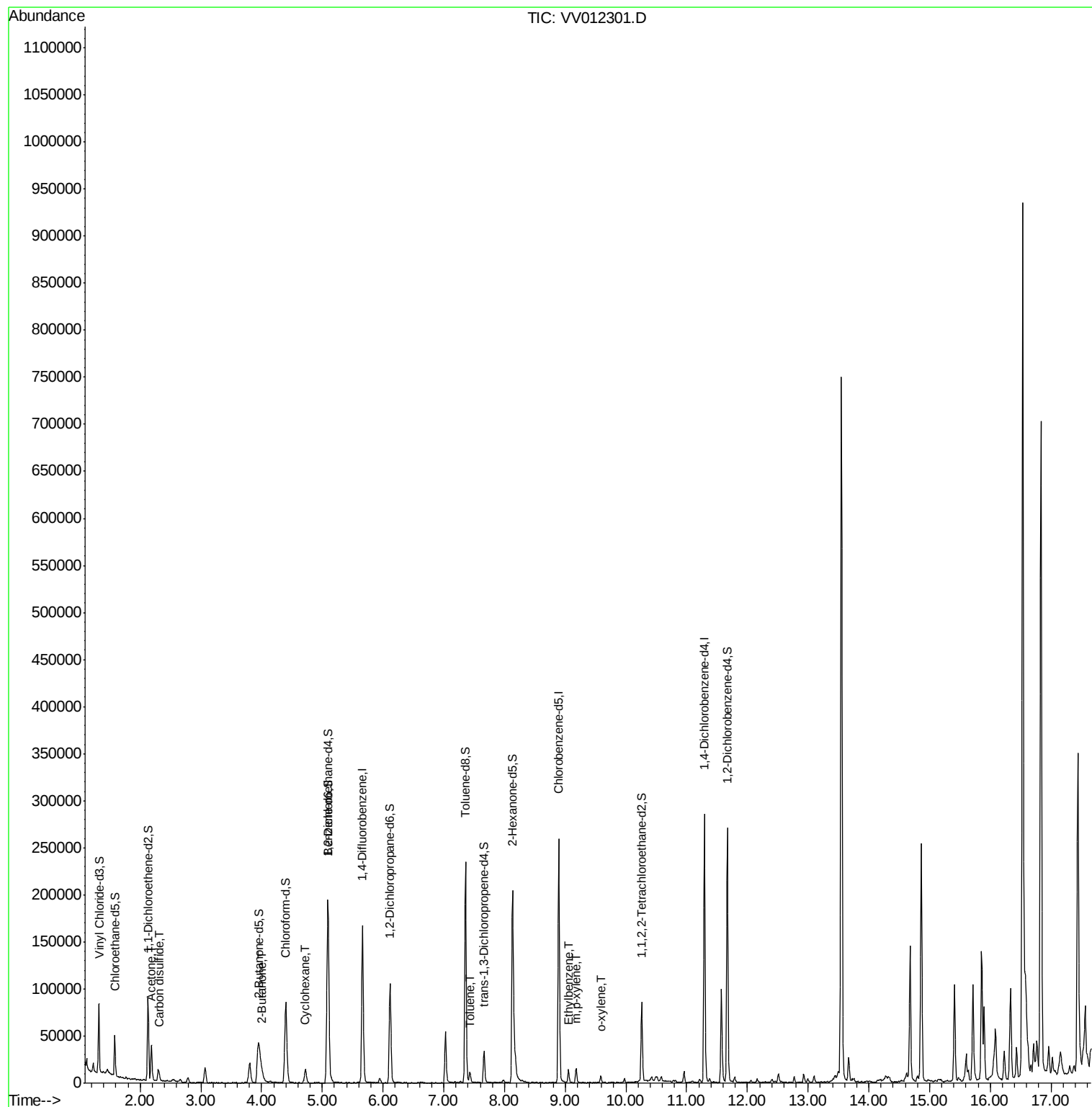
					Ovalue
13) Acetone	2.19	43	35871	33.297 ug/L #	65
14) Carbon disulfide	2.32	76	3858	0.203 ug/L	99
21) 2-Butanone	4.01	43	13956	6.828 ug/L #	62
30) Cyclohexane	4.72	56	7746	0.533 ug/L	99
42) Toluene	7.43	91	7638	0.172 ug/L	96
52) Ethylbenzene	9.05	91	9748	0.196 ug/L	98
53) m,p-xylene	9.18	106	4627	0.238 ug/L	97
54) o-xylene	9.59	106	1905	0.102 ug/L	91

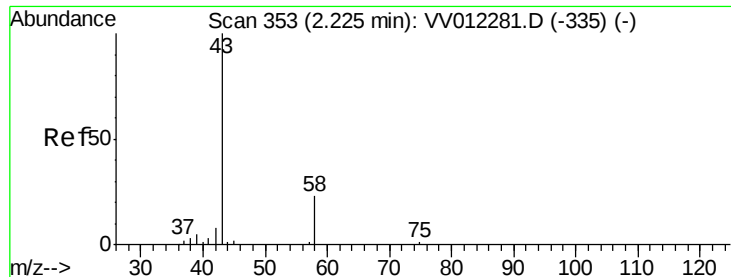
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration





#13

Acetone

Concen: 33.297 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012301.D

Acq: 20 Aug 2019 02:22

Instrument :

MSVOA_V

ClientSampleId :

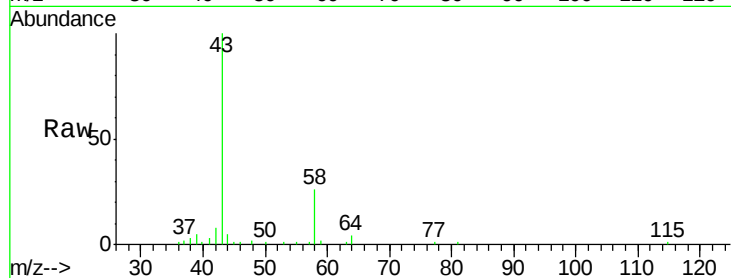
C0AG8

Tot Ion: 43 Resp: 35871

Ion Ratio Lower Upper

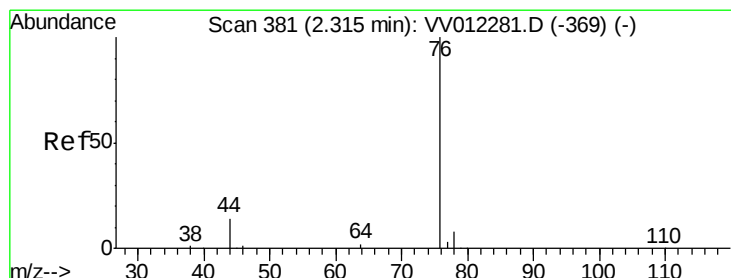
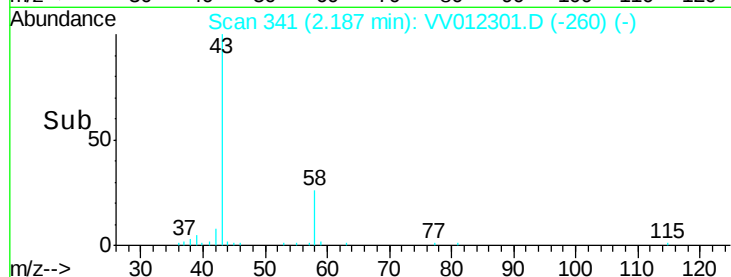
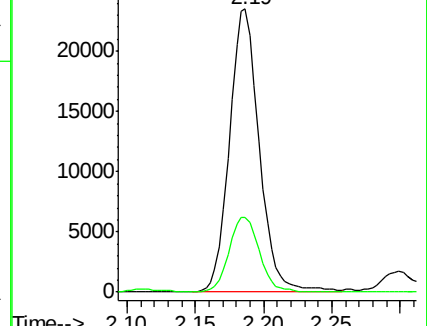
43 100

58 26.7 0.0 25.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.203 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV012301.D

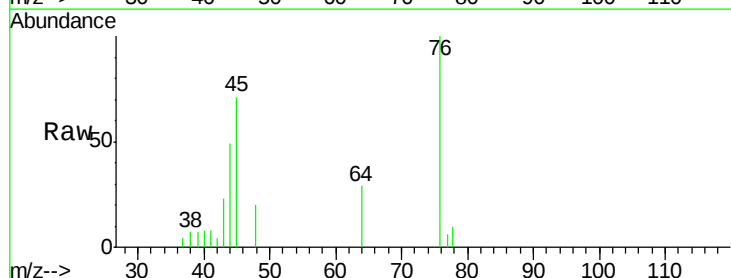
Acq: 20 Aug 2019 02:22

Tgt Ion: 76 Resp: 3858

Ion Ratio Lower Upper

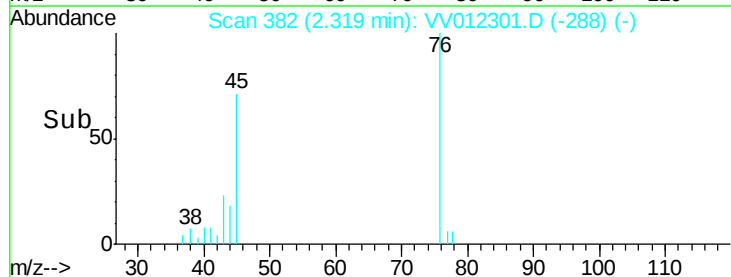
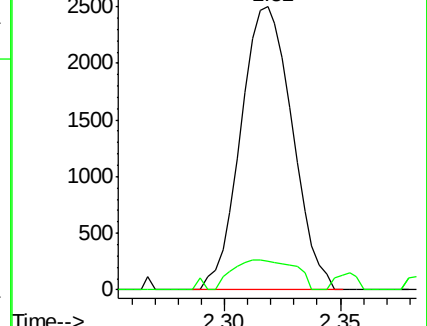
76 100

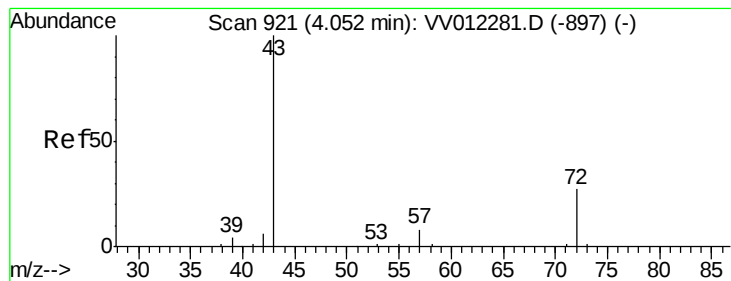
78 10.2 8.3 12.5



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0





#21

2-Butanone

Concen: 6.828 ug/L

RT: 4.01 min Scan# 909

Delta R.T. -0.04 min

Lab File: VV012301.D

Acq: 20 Aug 2019 02:22

Instrument :

MSVOA_V

ClientSampleId :

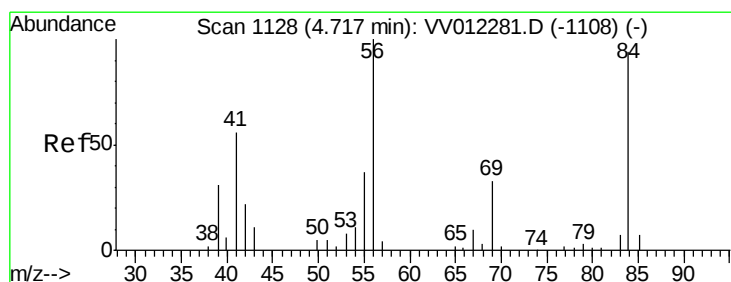
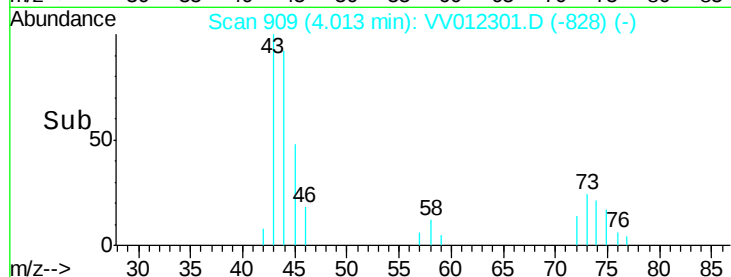
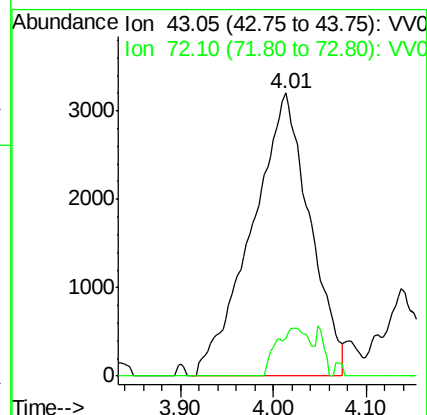
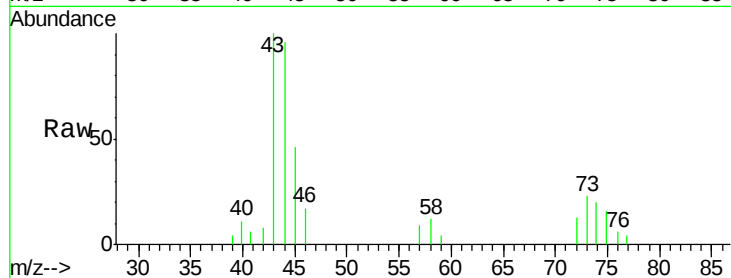
C0AG8

Tot Ion: 43 Resp: 13956

Ion Ratio Lower Upper

43 100

72 9.4 14.8 44.4#



#30

Cyclohexane

Concen: 0.533 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VV012301.D

Acq: 20 Aug 2019 02:22

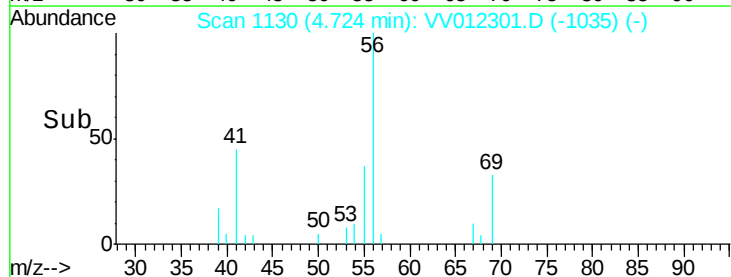
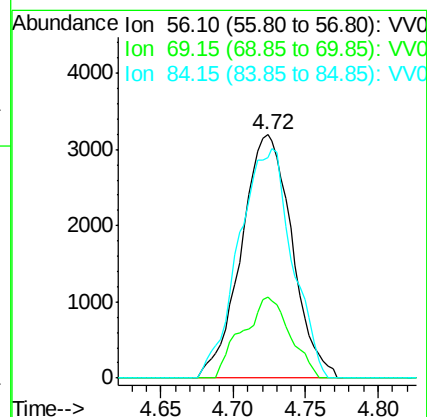
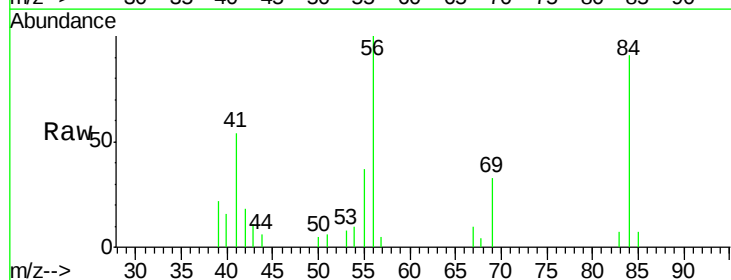
Tgt Ion: 56 Resp: 7746

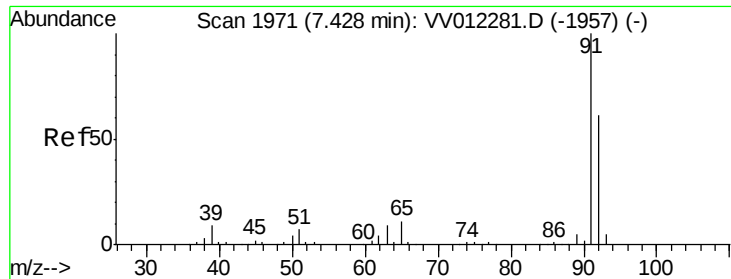
Ion Ratio Lower Upper

56 100

69 31.2 25.3 37.9

84 99.2 79.9 119.9





#42

Toluene

Concen: 0.172 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012301.D

Acq: 20 Aug 2019 02:22

Instrument :

MSVOA_V

ClientSampleId :

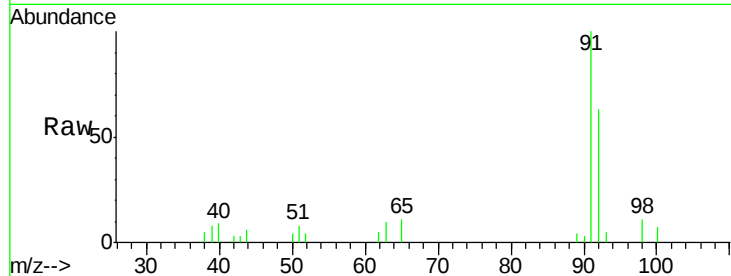
C0AG8

Tot Ion: 91 Resp: 7638

Ion Ratio Lower Upper

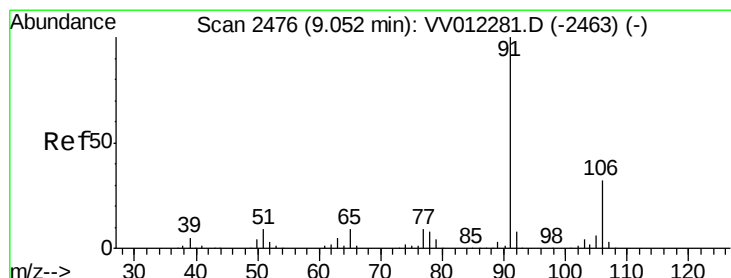
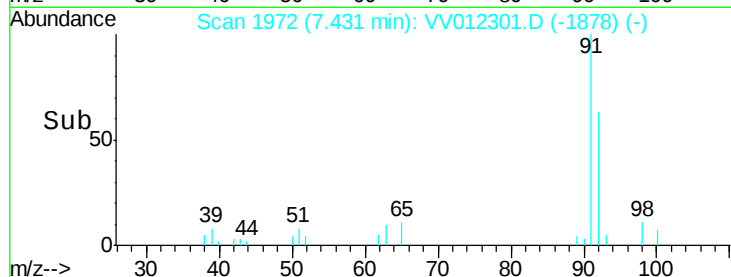
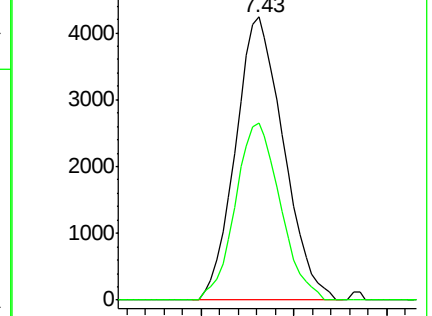
91 100

92 62.7 41.6 77.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#52

Ethylbenzene

Concen: 0.196 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012301.D

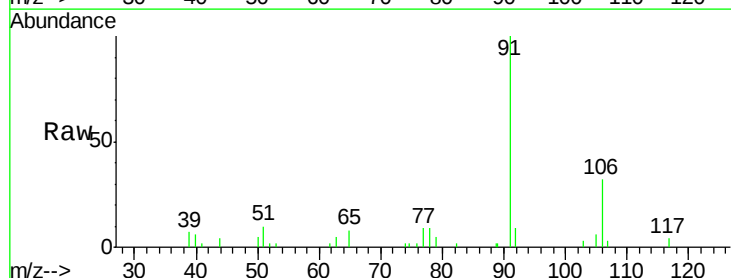
Acq: 20 Aug 2019 02:22

Tgt Ion: 91 Resp: 9748

Ion Ratio Lower Upper

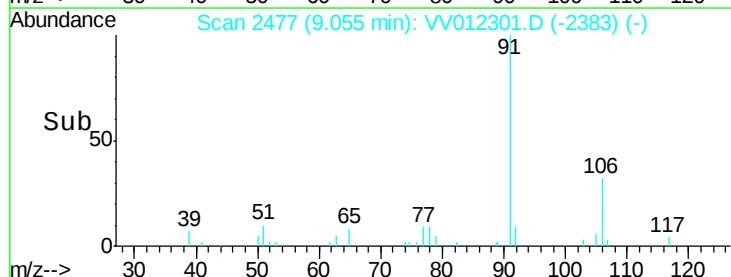
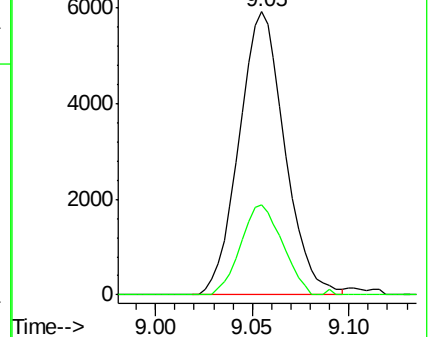
91 100

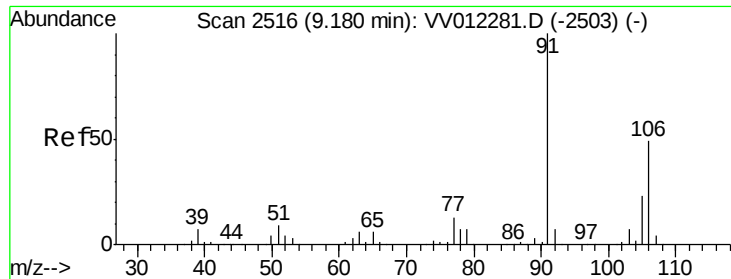
106 31.9 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 0.238 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV012301.D

Acq: 20 Aug 2019 02:22

Instrument :

MSVOA_V

ClientSampleId :

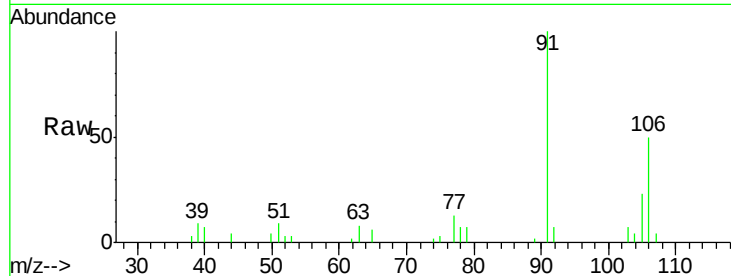
C0AG8

Tot Ion:106 Resp: 4627

Ion Ratio Lower Upper

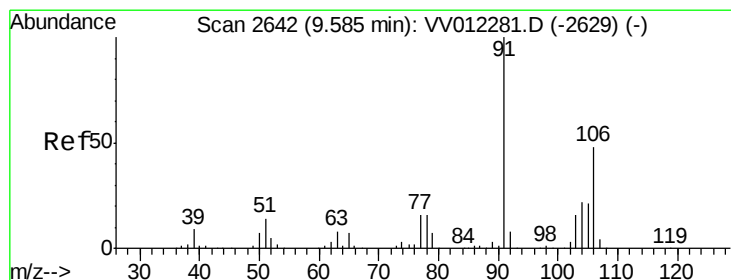
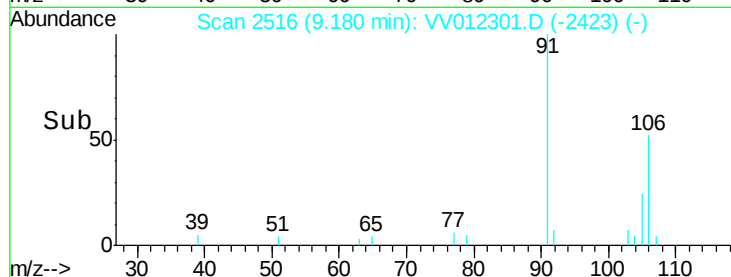
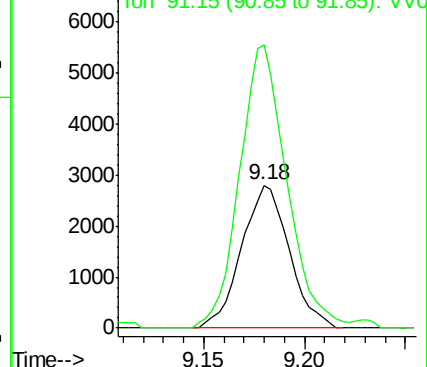
106 100

91 198.3 136.0 252.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.102 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.01 min

Lab File: VV012301.D

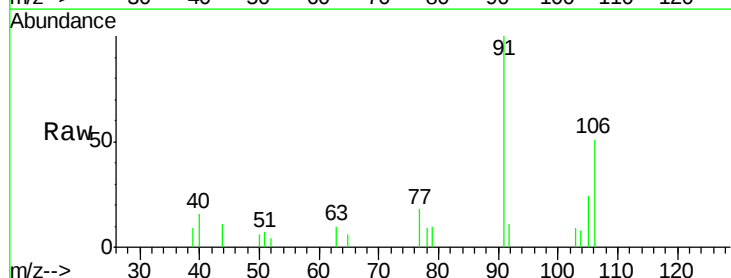
Acq: 20 Aug 2019 02:22

Tgt Ion:106 Resp: 1905

Ion Ratio Lower Upper

106 100

91 197.8 148.7 276.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

