

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
 Data File : VV013407.D
 Acq On : 29 Oct 2019 20:41
 Operator : SY/MD
 Sample : K5597-05
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQD6

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:22:30 AM

Quant Time: Oct 30 08:29:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 02:50:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	399824	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	396934	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	253467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	157567	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.58	69	139765	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.13	63	207797	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.93	46	428691	49.56	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.12%
24) Chloroform-d	4.40	84	342593	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	161029	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.10	84	684307	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.12	67	215788	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	687068	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
43) trans-1,3-Dichloropropene-	7.66	79	66678	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.13	63	313405	61.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	167297	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	246946	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.32	76	99652	1.078	ug/L	99
30) Cyclohexane	4.73	56	12326801	199.643	ug/L	96
33) Benzene	5.13	78	36750679m	247.771	ug/L	
35) Methylcyclohexane	6.18	83	10694365	176.076	ug/L	94
42) Toluene	7.43	91	3484872	22.532	ug/L	98
52) Ethylbenzene	9.05	91	4155346	25.342	ug/L	99
53) m,p-xylene	9.18	106	3082816	50.902	ug/L	93
54) o-xylene	9.59	106	126035	2.151	ug/L	96
56) Isopropylbenzene	9.97	105	6440332	40.835	ug/L	99

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

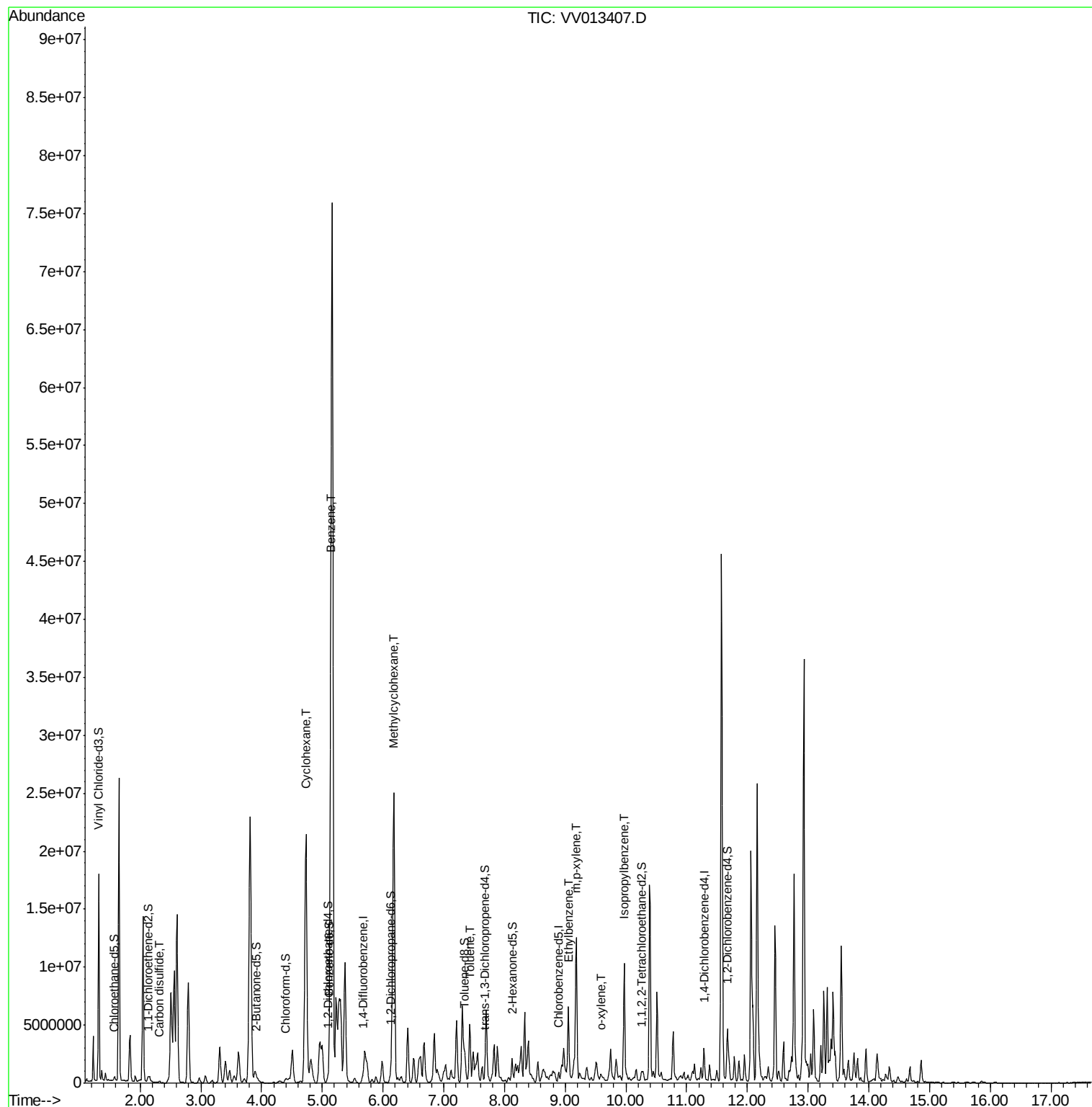
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102919\
Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
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ALS Vial : 21 Sample Multiplier: 1

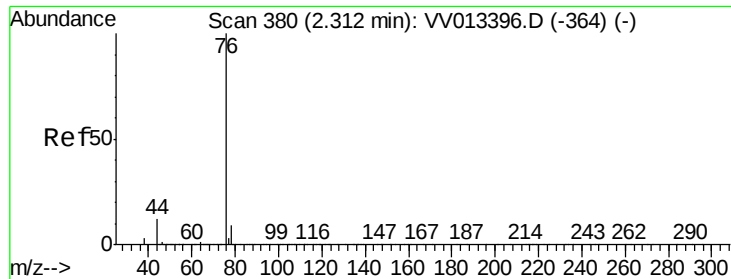
Instrument :
MSVOA_V
ClientSampleId :
GAQD6

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Quant Time: Oct 30 08:29:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 1.078 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampleId :

GAQD6

Tot Ion: 76 Resp: 99652

Ion Ratio Lower Upper

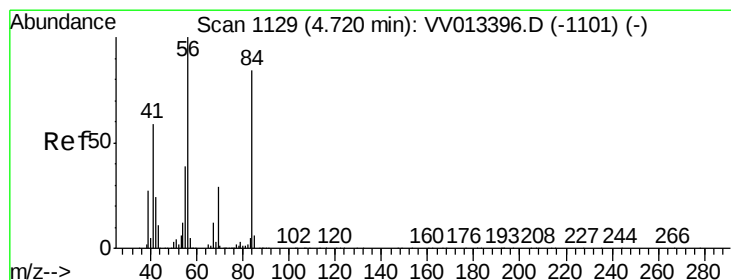
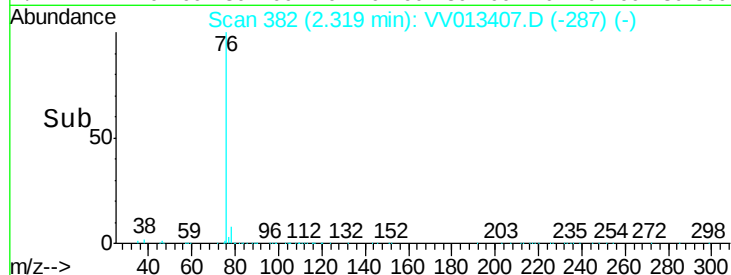
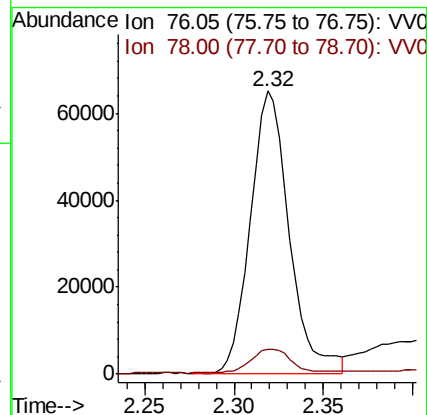
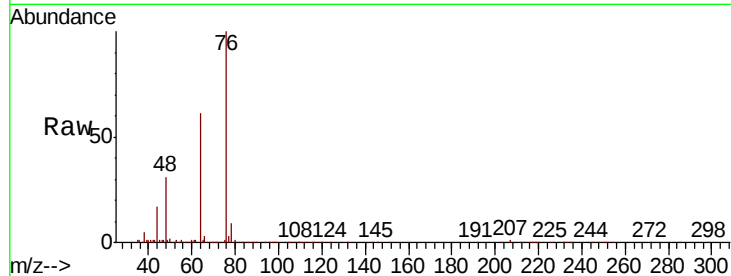
76 100

78 9.0 7.5 11.3

Manual Integrations
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#30

Cyclohexane

Concen: 199.643 ug/L

RT: 4.73 min Scan# 1132

Delta R.T. 0.01 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

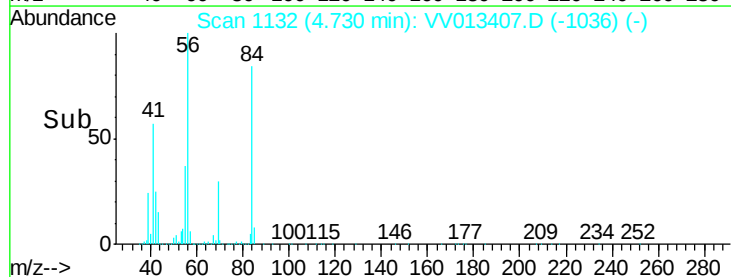
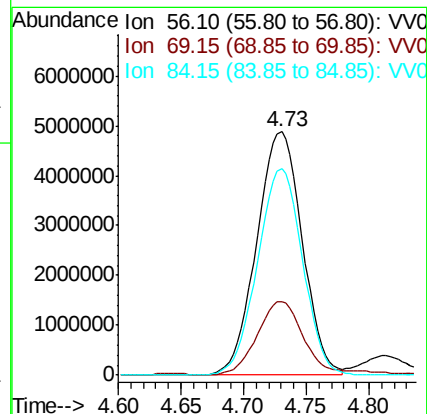
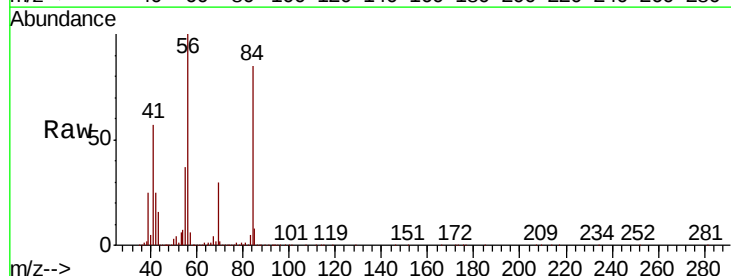
Tgt Ion: 56 Resp: 12326801

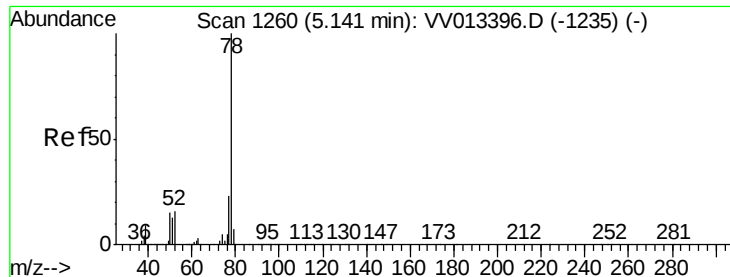
Ion Ratio Lower Upper

56 100

69 32.5 22.7 34.1

84 84.2 65.5 98.3





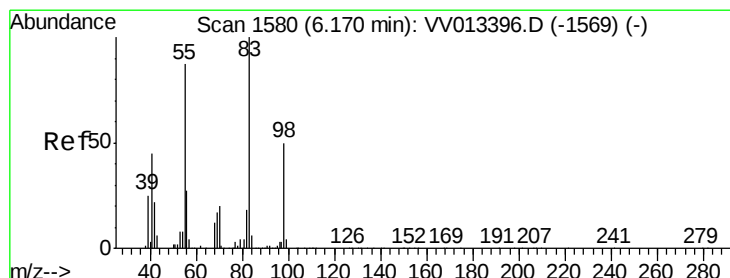
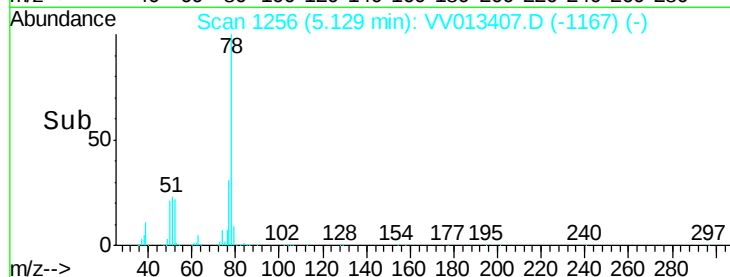
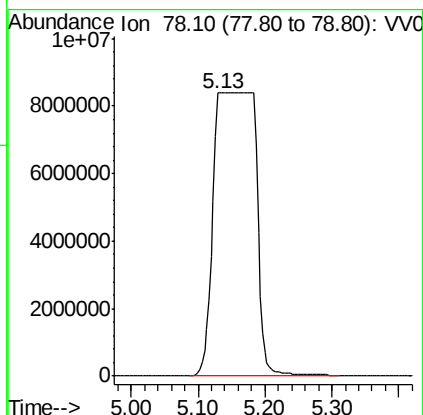
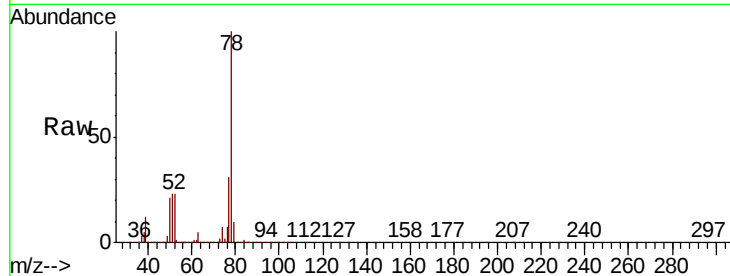
#33
Benzene
Concen: 247.771 ug/L m
RT: 5.13 min Scan# 1256
Delta R.T. -0.01 min
Lab File: VV013407.D
Acq: 29 Oct 2019 20:41

Instrument :
MSVOA_V
ClientSampleId :
GAQD6

Tgt Ion: 78 Resp:36750679

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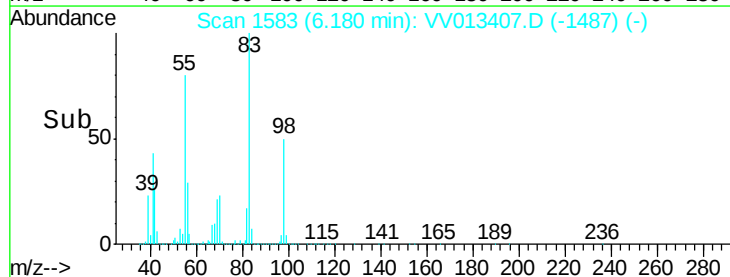
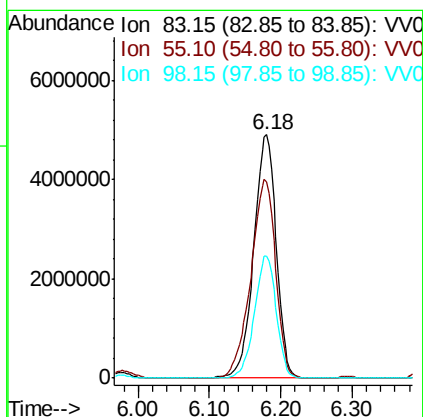
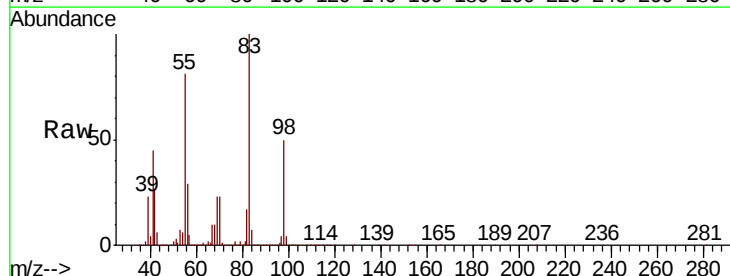
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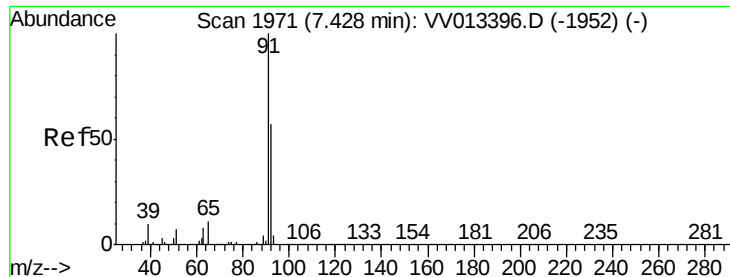


#35
Methylcyclohexane
Concen: 176.076 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.01 min
Lab File: VV013407.D
Acq: 29 Oct 2019 20:41

Tgt Ion: 83 Resp:10694365

Ion	Ratio	Lower	Upper
83	100		
55	90.2	66.0	99.0
98	48.8	38.2	57.4





#42

Toluene

Concen: 22.532 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampleId :

GAQD6

Tot Ion: 91 Resp: 3484872

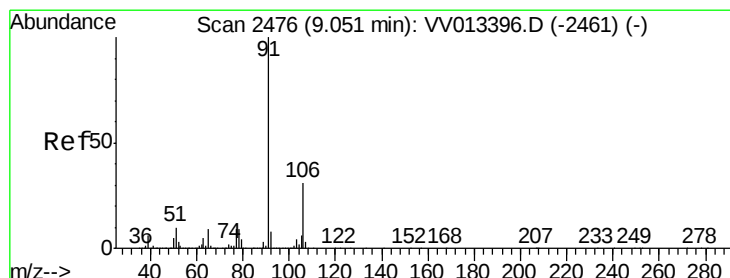
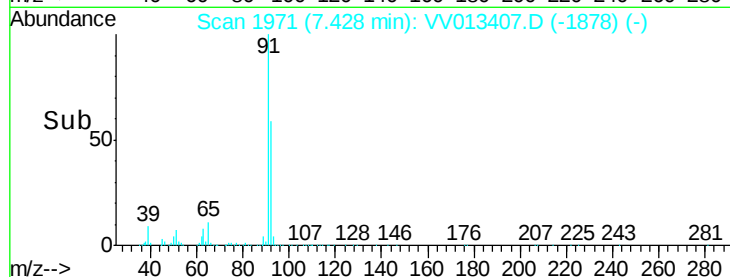
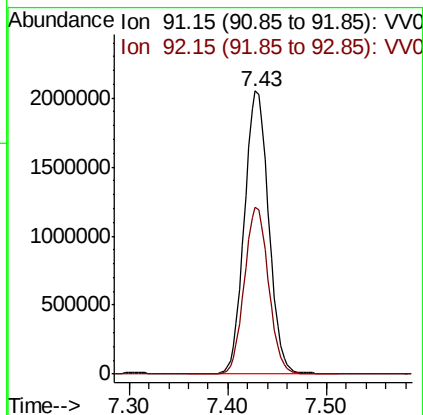
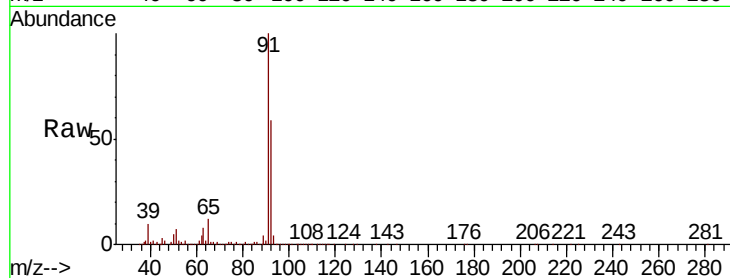
Ion Ratio Lower Upper

91 100

92 58.8 40.3 74.8

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#52

Ethylbenzene

Concen: 25.342 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV013407.D

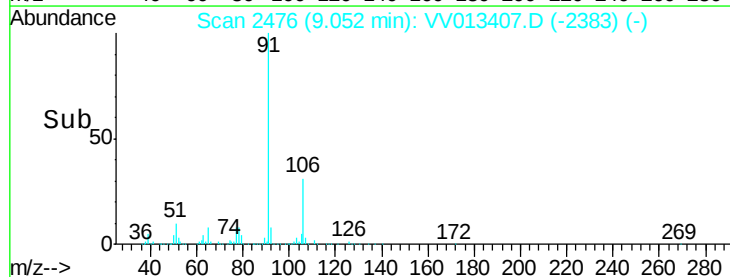
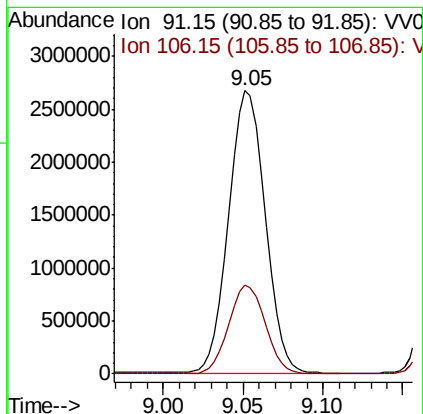
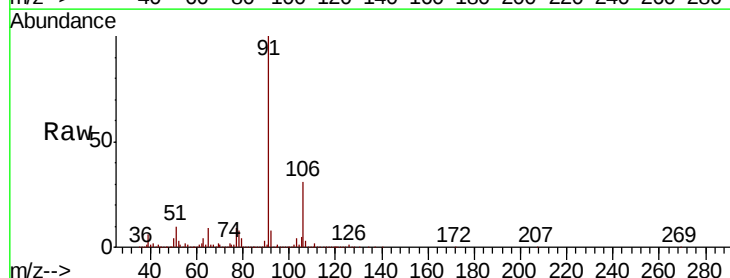
Acq: 29 Oct 2019 20:41

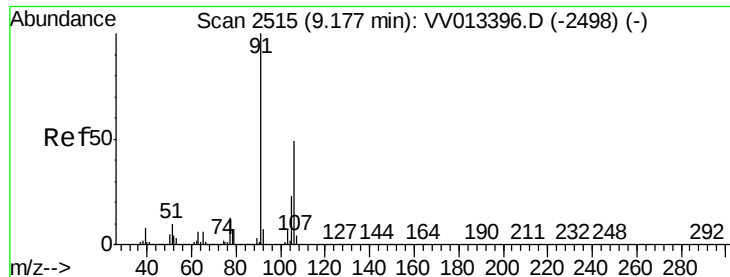
Tgt Ion: 91 Resp: 4155346

Ion Ratio Lower Upper

91 100

106 31.4 21.5 39.9





#53

m,p-xylene

Concen: 50.902 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampleId :

GAQD6

Tot Ion:106 Resp: 3082816

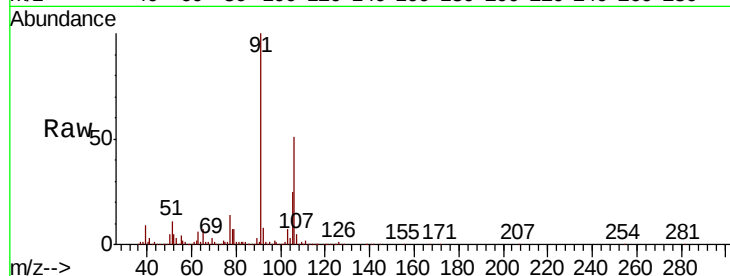
Ion Ratio Lower Upper

106 100

91 195.9 144.3 267.9

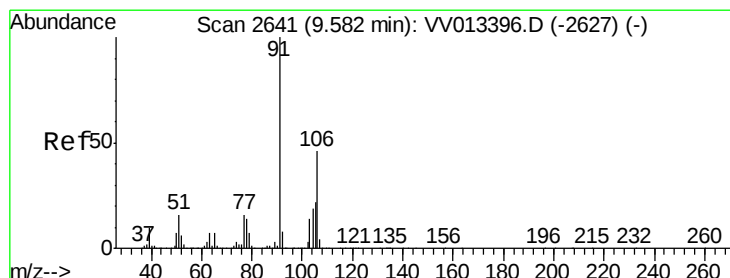
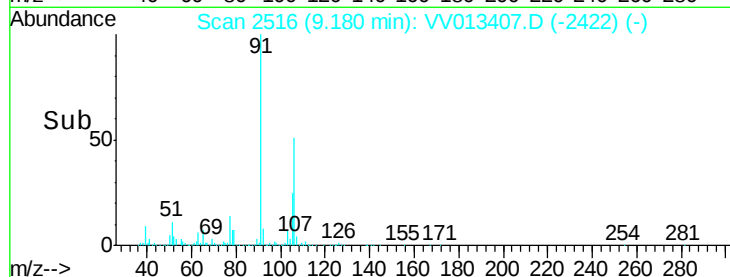
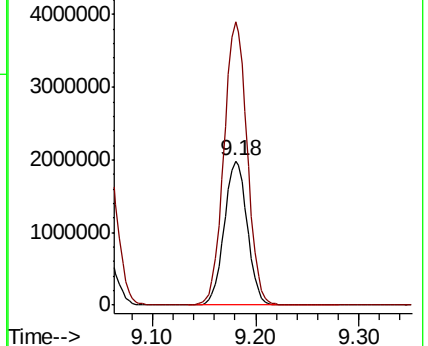
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Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 2.151 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV013407.D

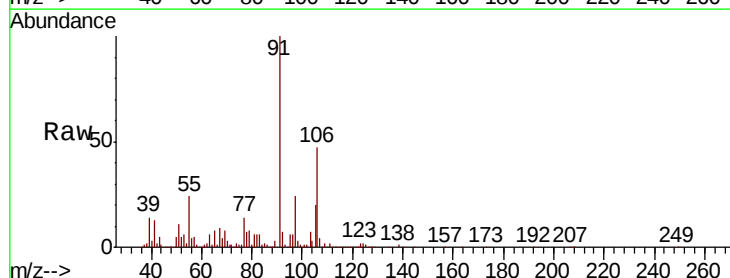
Acq: 29 Oct 2019 20:41

Tgt Ion:106 Resp: 126035

Ion Ratio Lower Upper

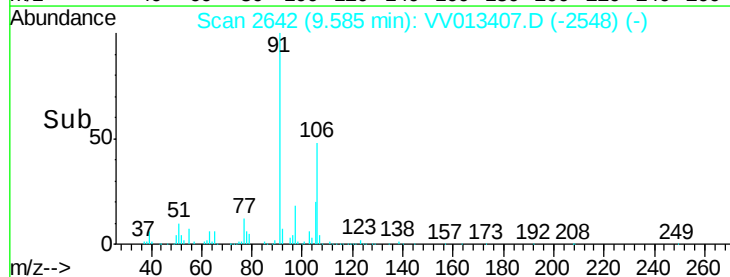
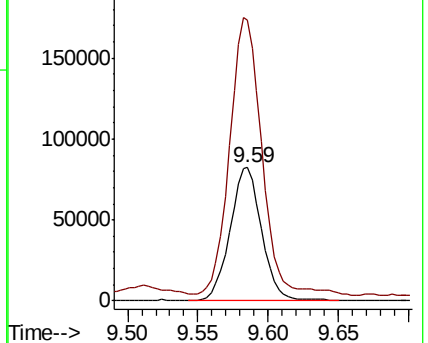
106 100

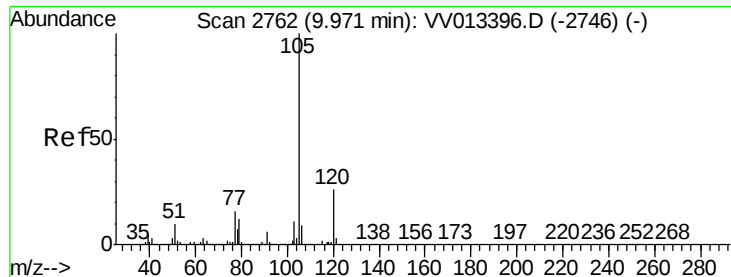
91 210.5 151.5 281.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#56

Isopropylbenzene

Concen: 40.835 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampled :

GAQD6

Tot Ion:105 Resp: 6440332

Ion Ratio Lower Upper

105 100

120 27.3 21.0 31.6

77 16.0 12.9 19.3

Manual Integrations

APPROVED

MMDadoda

10/30/2019 10:22:30 AM

