

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052919\
 Data File : VU032359.D
 Acq On : 29 May 2019 14:30
 Operator : JC/SP
 Sample : K3045-09 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 C0C53

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 10:55:28 AM

Quant Time: May 30 08:38:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 30 05:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	423859	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	398341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	193736	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	140090	5.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.80%
7) Chloroethane-d5	1.68	69	111490	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.27	63	196748	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.20	46	330468	49.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.44%
24) Chloroform-d	4.64	84	249728	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.31	65	127269	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
32) Benzene-d6	5.33	84	543528	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.33	67	158405	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.56	98	489196	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.85	79	57377	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.31	63	260335	49.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	127990	3.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	195311	3.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.20%#

Target Compounds

					Ovalue
30) Cyclohexane	4.99	56	15126	0.783 ug/L	87
33) Benzene	5.38	78	774749	14.378 ug/L	100
35) Methylcyclohexane	6.39	83	7689m	0.361 ug/L	
42) Toluene	7.64	91	8752	0.153 ug/L	94
52) Ethylbenzene	9.24	91	120063	2.083 ug/L	97
53) m,p-Xylene	9.37	106	3858	0.180 ug/L	77
56) Isopropylbenzene	10.16	105	101858	1.881 ug/L	99

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

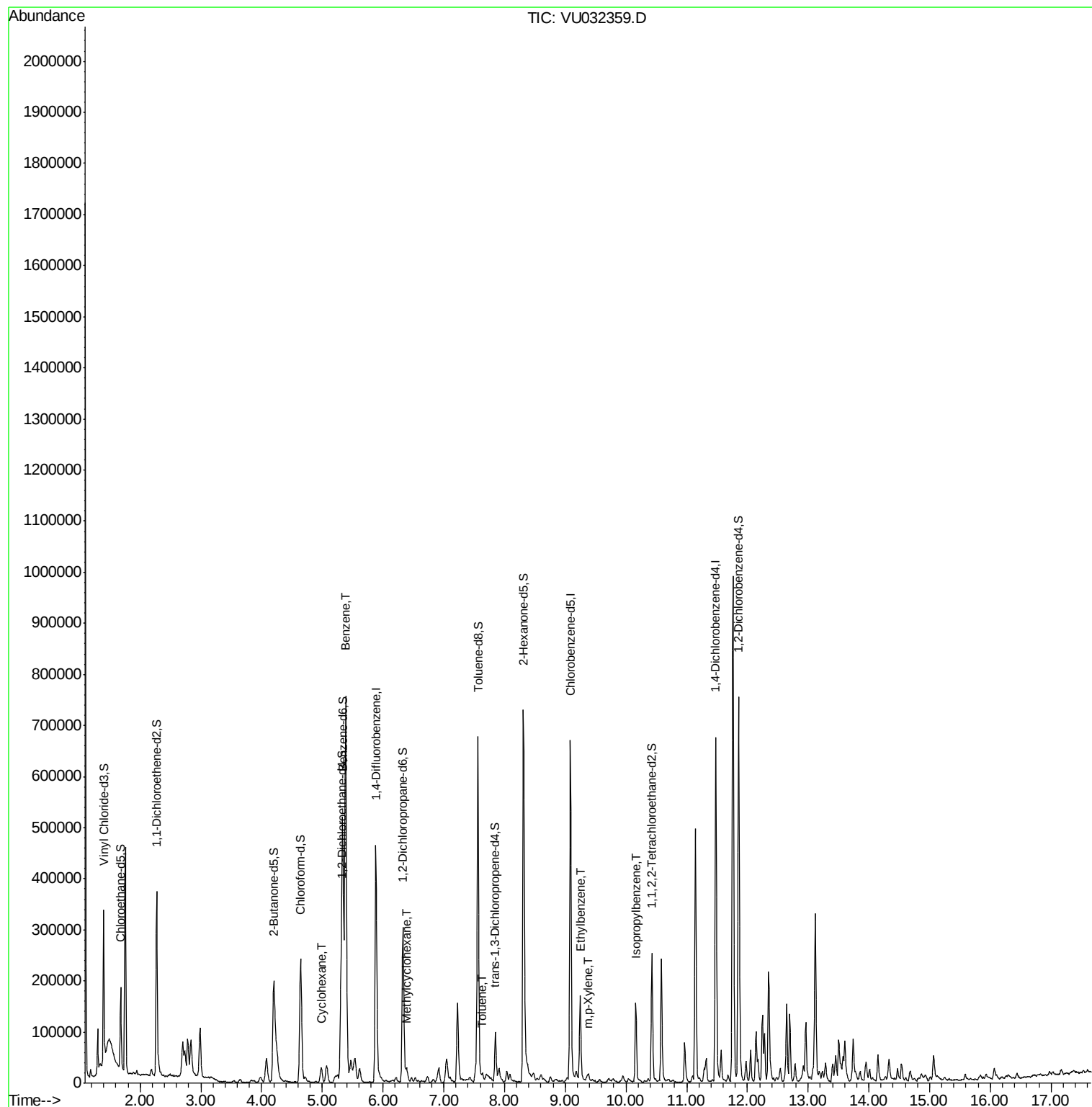
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052919\
Data File : VU032359.D
Acq On : 29 May 2019 14:30
Operator : JC/SP
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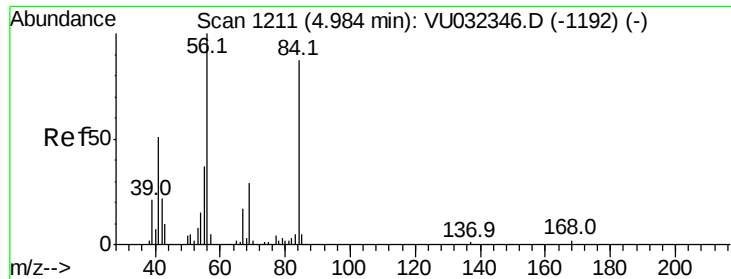
Instrument :
MSVOA_U
ClientSampleId :
C0C53

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Quant Time: May 30 08:38:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 30 05:34:28 2019
Response via : Initial Calibration





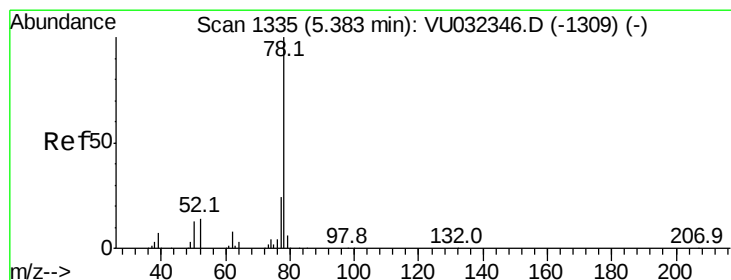
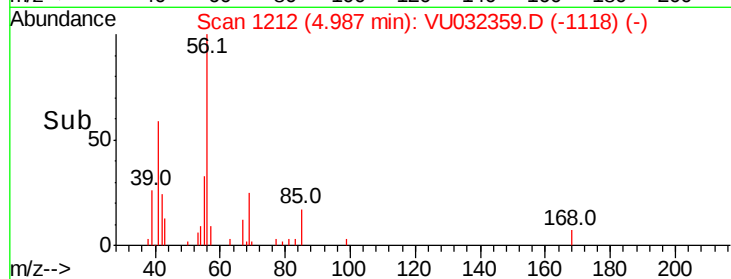
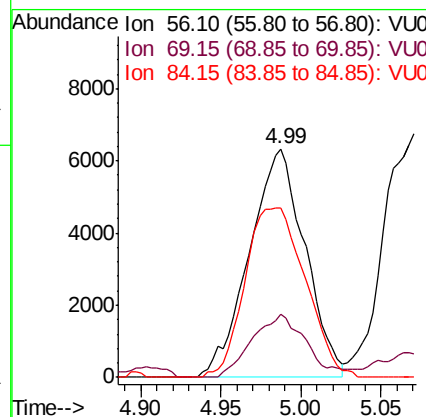
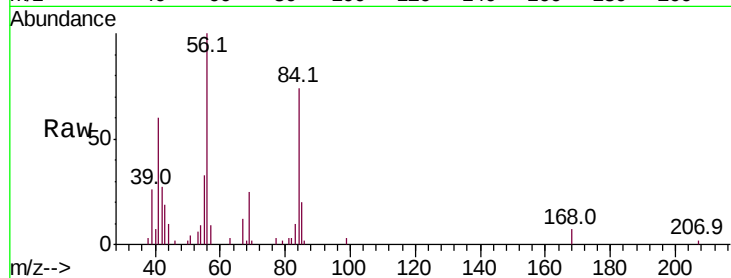
#30
Cyclohexane
Concen: 0.783 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Instrument :
MSVOA_U
ClientSampled :
C0C53

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.1	26.6	39.8
84	80.3	75.0	112.6

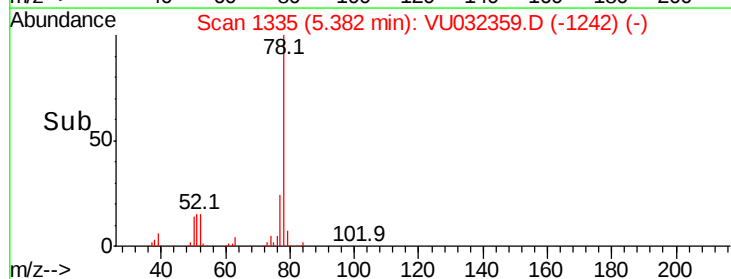
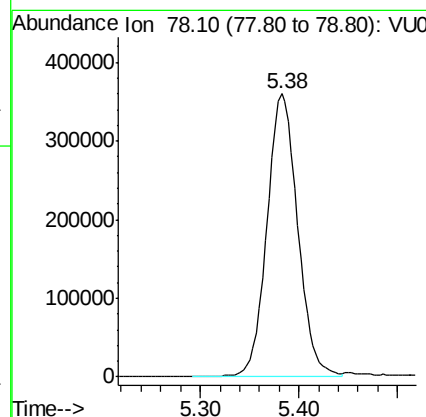
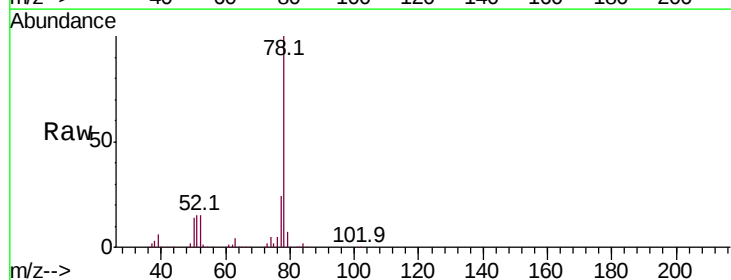
Manual Integrations
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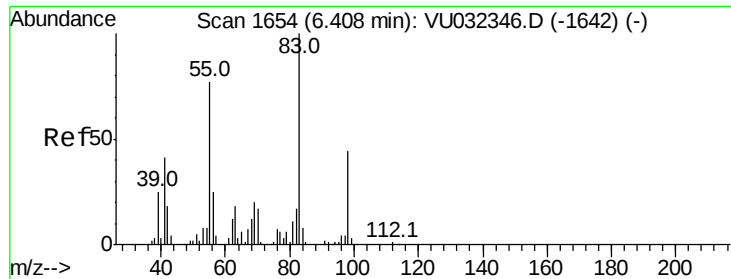
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#33
Benzene
Concen: 14.378 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Tgt Ion: 78 Resp: 774749





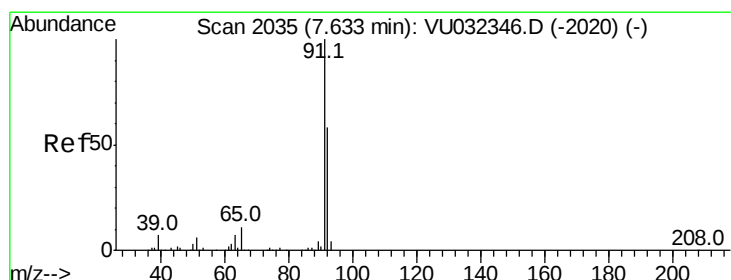
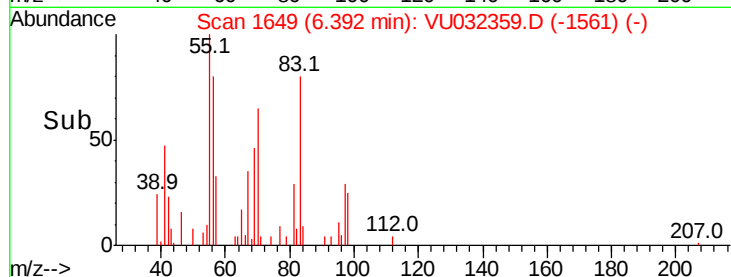
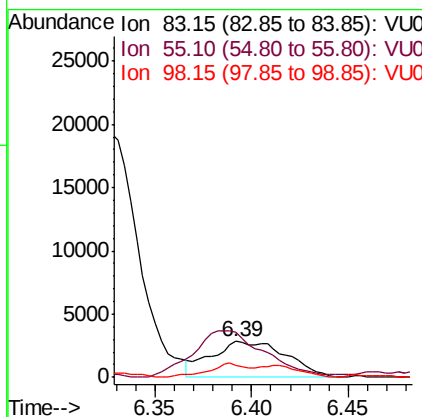
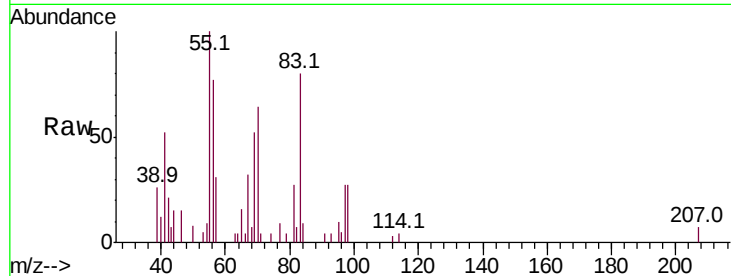
#35
Methvlcvclohexane
Concen: 0.361 ug/L m
RT: 6.39 min Scan# 1649
Delta R.T. -0.02 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Instrument :
MSVOA_U
ClientSampleId :
C0C53

Tot Ion	Ratio	Lower	Upper
83	100		
55	124.2	59.7	89.5#
98	19.1	37.5	56.3#

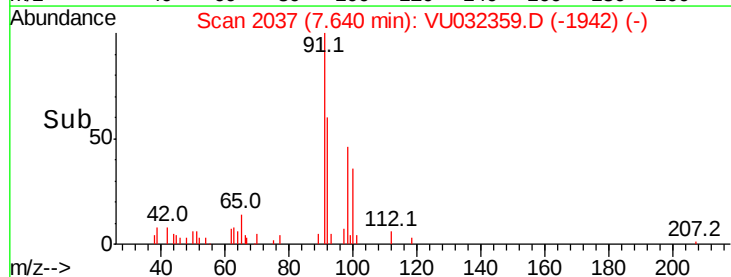
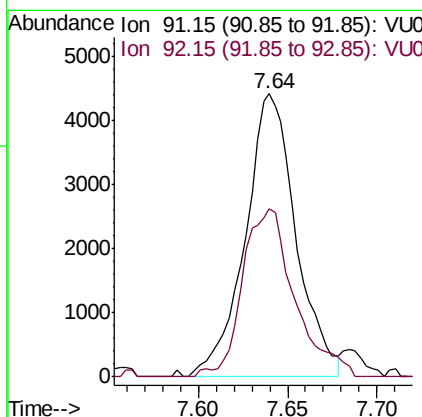
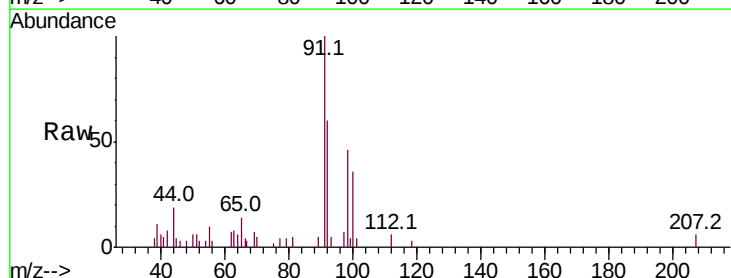
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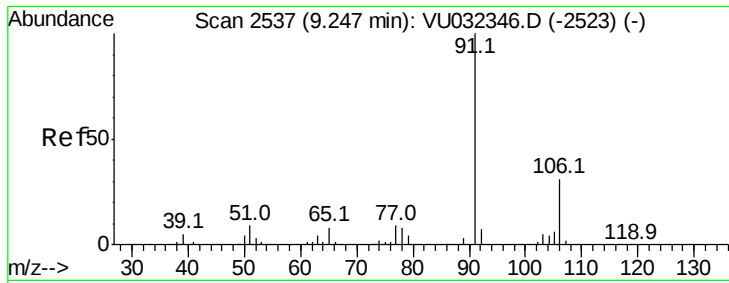
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#42
Toluene
Concen: 0.153 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.6	38.5	71.5





#52

Ethylbenzene

Concen: 2.083 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032359.D

Acq: 29 May 2019 14:30

Instrument :

MSVOA_U

ClientSampleId :

C0C53

Tot Ion: 91 Resp: 120063

Ion Ratio Lower Upper

91 100

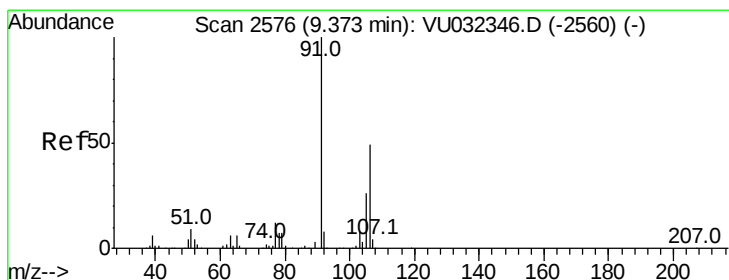
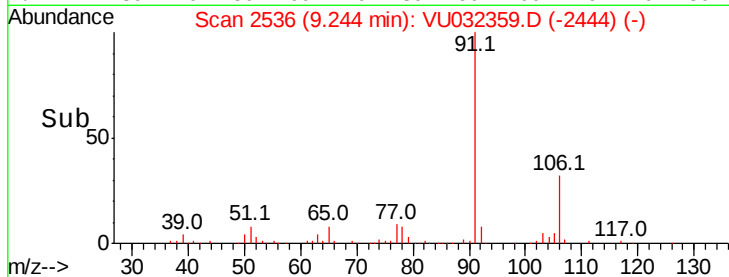
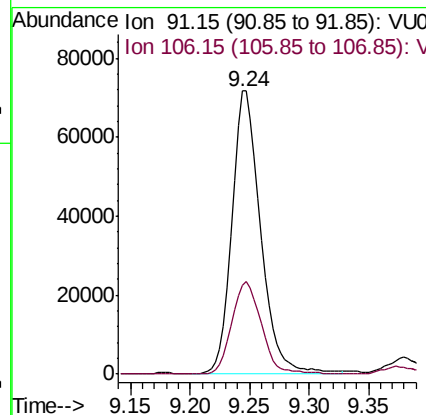
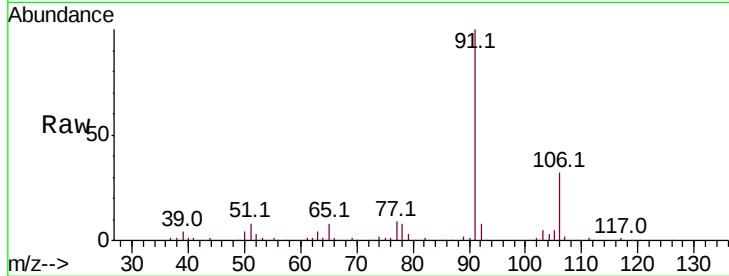
106 31.6 20.9 38.9

Manual Integrations

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#53

m,p-Xylene

Concen: 0.180 ug/L

RT: 9.37 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VU032359.D

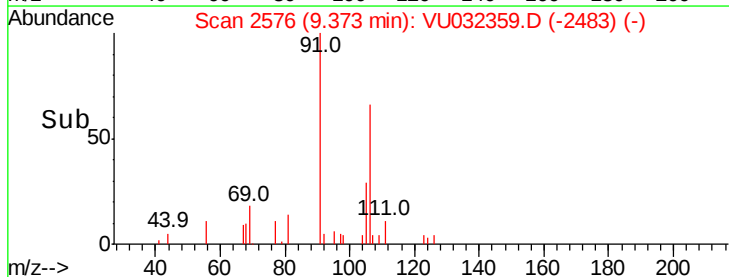
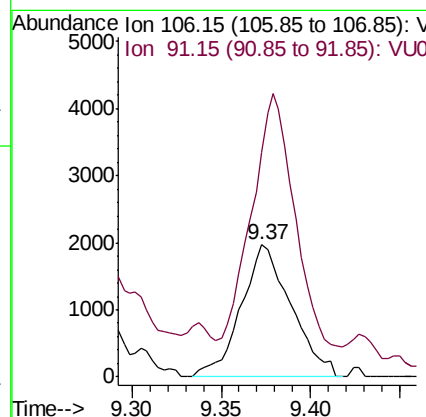
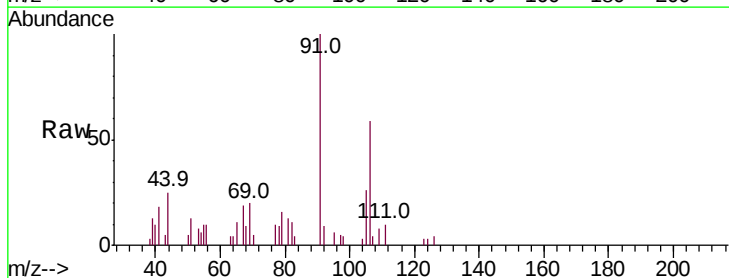
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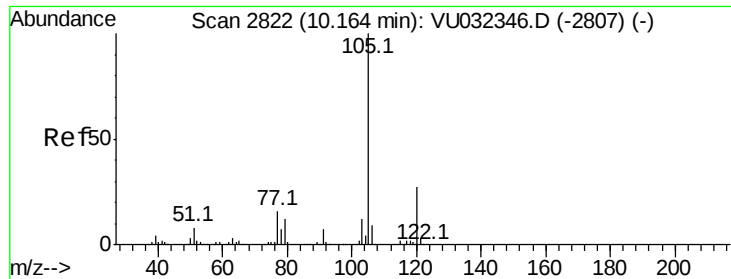
Tgt Ion: 106 Resp: 3858

Ion Ratio Lower Upper

106 100

91 169.6 143.9 267.2





#56
Isopropylbenzene
Concen: 1.881 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU032359.D
Acq: 29 May 2019 14:30

Instrument :
MSVOA_U
ClientSampleId :
C0C53

Tot Ion:	105	Resp:	101858
Ion Ratio	Lower	Upper	
105	100		
120	26.3	21.0	31.6
77	16.2	11.9	17.9

Manual Integrations
APPROVED

MMDadoda
5/30/2019 10:55:28 AM

