

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053019\
 Data File : VU032383.D
 Acq On : 30 May 2019 15:49
 Operator : JC/SP
 Sample : K3081-04
 Misc : 7.29g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALD4

Manual Integrations
 APPROVED

MMDadoda
 5/31/2019 10:29:04 AM

Quant Time: May 31 05:19:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 04:34:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	750415	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	796893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	410965	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	207942	37.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.18%
7) Chloroethane-d5	1.64	69	132211	29.60	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.20%#
11) 1,1-Dichloroethene-d2	2.23	63	319525m	32.52	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.04%
21) 2-Butanone-d5	4.20	46	363962	99.98	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	4.64	84	441864	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	5.30	65	284100	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
32) Benzene-d6	5.33	84	940855	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.02%
36) 1,2-Dichloropropane-d6	6.32	67	302369	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.20%
41) Toluene-d8	7.56	98	849521	43.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.12%
43) trans-1,3-Dichloropropene-	7.85	79	131249	44.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.36%
47) 2-Hexanone-d5	8.32	63	318209	116.90	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	480748	48.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	405675	48.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.82%

Target Compounds

					Ovalue
15) Methyl Acetate	2.63	43	9114	1.662	ug/L 90
35) Methylcyclohexane	6.41	83	13611	1.555	ug/L 97
52) Ethylbenzene	9.25	91	51561	1.989	ug/L 98
53) m,p-Xylene	9.38	106	57349	5.751	ug/L 98
54) o-xylene	9.78	106	25532	2.551	ug/L 97
56) Isopropylbenzene	10.17	105	63905	2.516	ug/L # 95

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

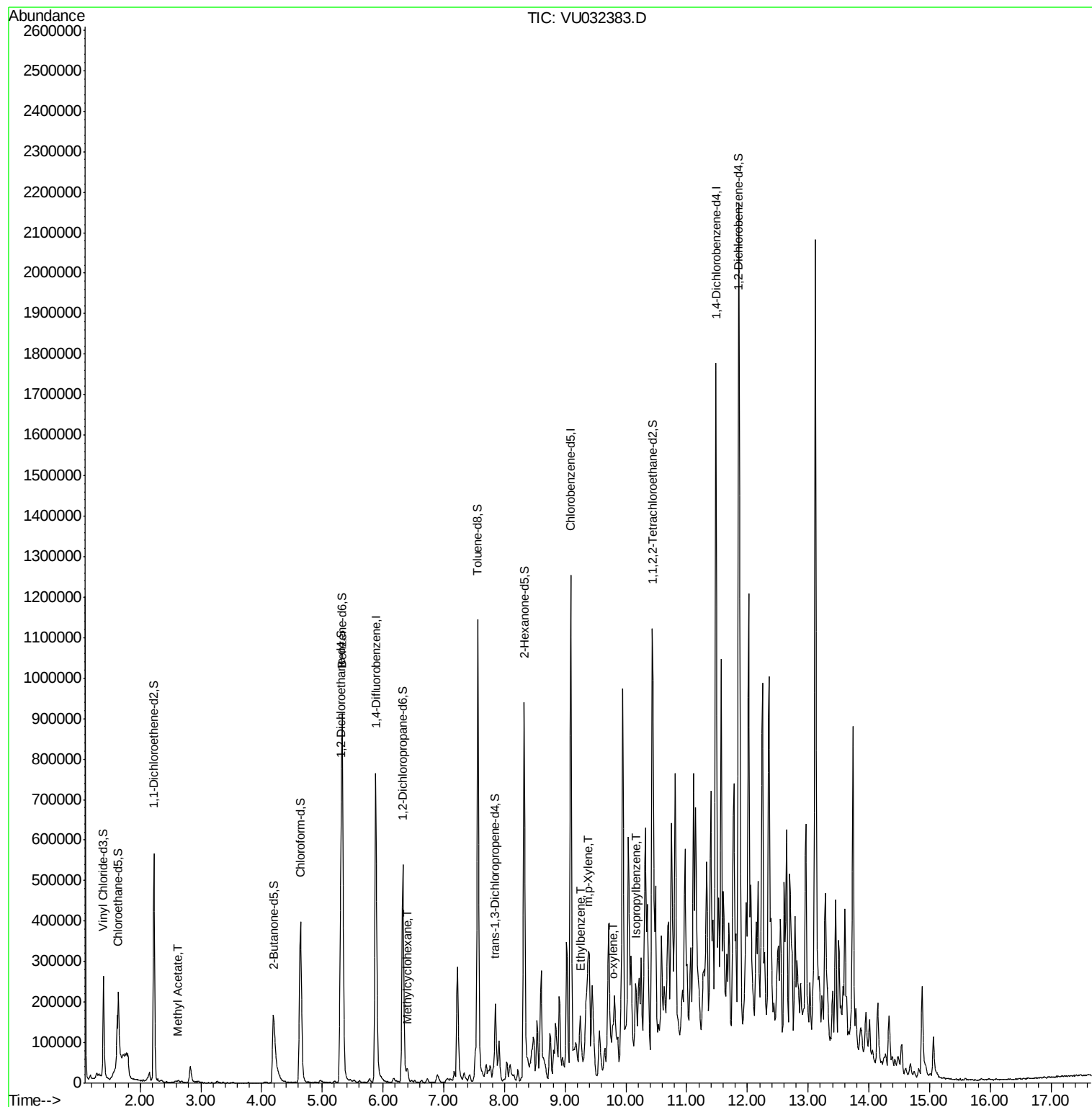
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU053019\
Data File : VU032383.D
Acq On : 30 May 2019 15:49
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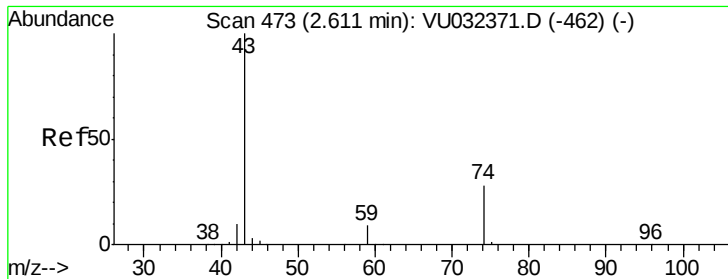
Instrument :
MSVOA_U
ClientSampleId :
GALD4

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Quant Time: May 31 05:19:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration





#15

Methvl Acetate

Concen: 1.662 ug/L

RT: 2.63 min Scan# 479

Delta R.T. 0.02 min

Lab File: VU032383.D

Acq: 30 May 2019 15:49

Instrument :

MSVOA_U

ClientSampleId :

GALD4

Tot Ion: 43 Resp: 9114

Ion Ratio Lower Upper

43 100

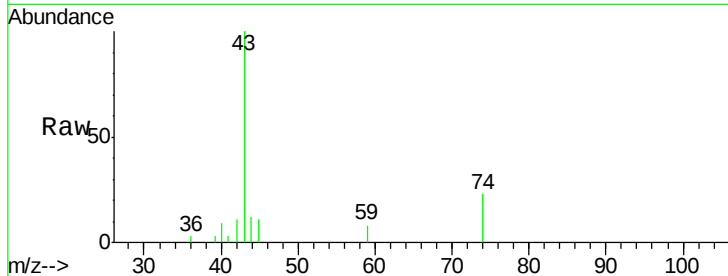
74 21.4 21.1 31.7

Manual Integrations

APPROVED

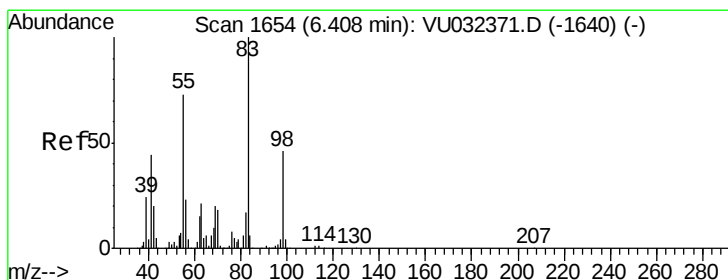
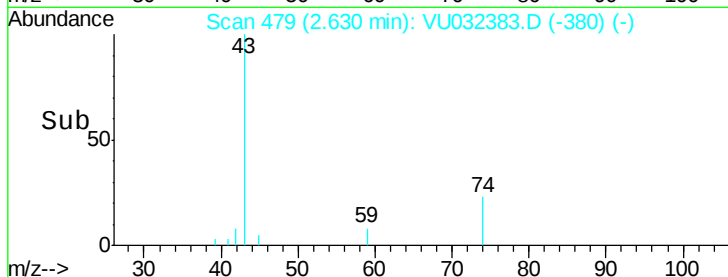
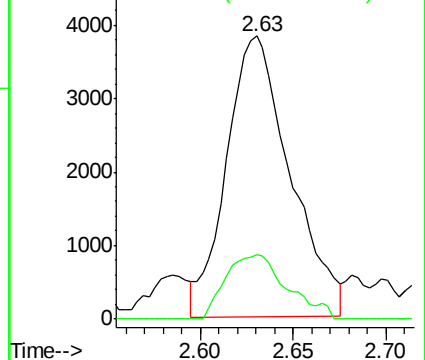
MMDadoda

5/31/2019 10:29:04 AM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#35

Methylcyclohexane

Concen: 1.555 ug/L

RT: 6.41 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VU032383.D

Acq: 30 May 2019 15:49

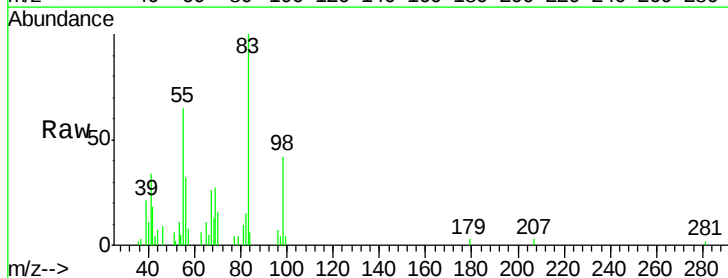
Tgt Ion: 83 Resp: 13611

Ion Ratio Lower Upper

83 100

55 76.8 59.4 89.0

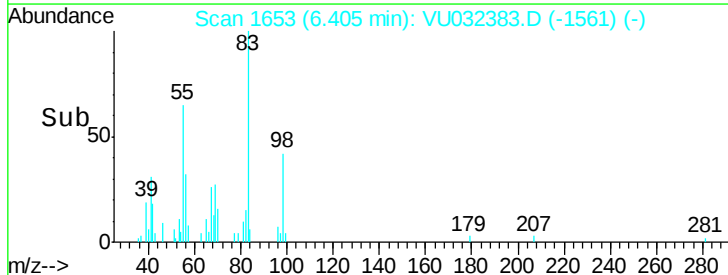
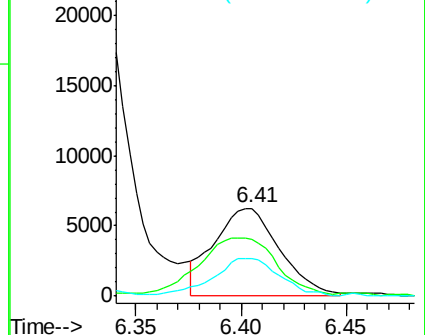
98 43.7 37.1 55.7

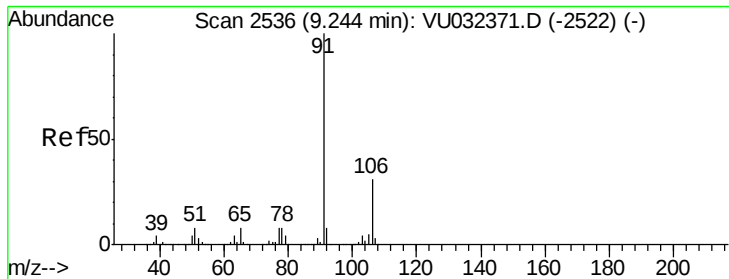


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#52

Ethylbenzene

Concen: 1.989 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.01 min

Lab File: VU032383.D

Acq: 30 May 2019 15:49

Instrument :

MSVOA_U

ClientSampleId :

GALD4

Tot Ion: 91 Resp: 51561

Ion Ratio Lower Upper

91 100

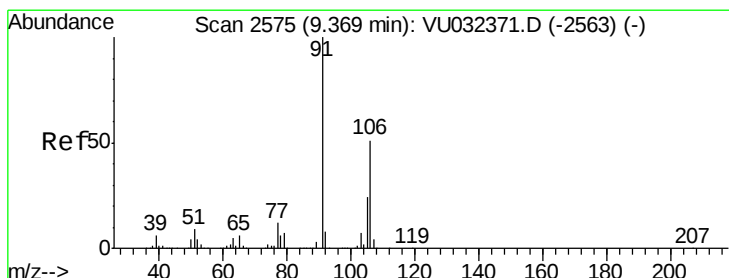
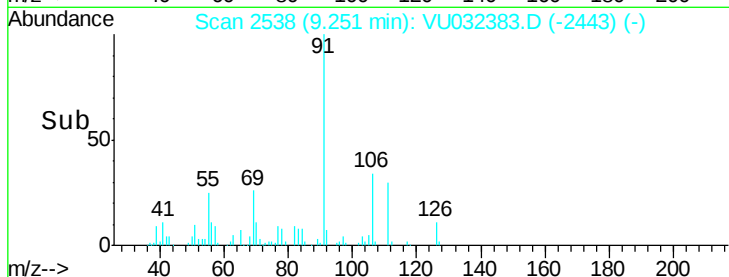
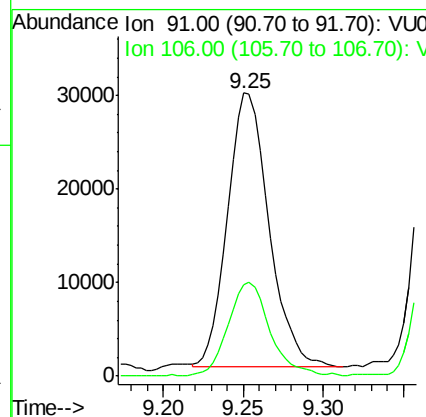
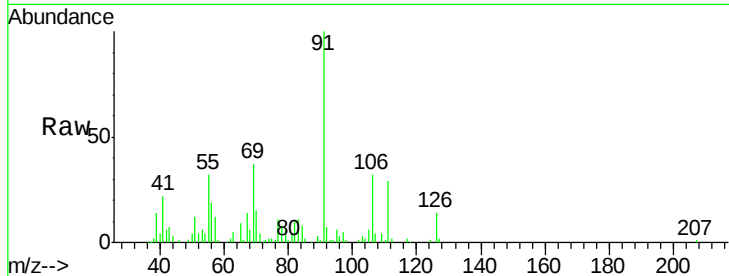
106 32.4 22.0 40.8

Manual Integrations

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#53

m,p-Xylene

Concen: 5.751 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.01 min

Lab File: VU032383.D

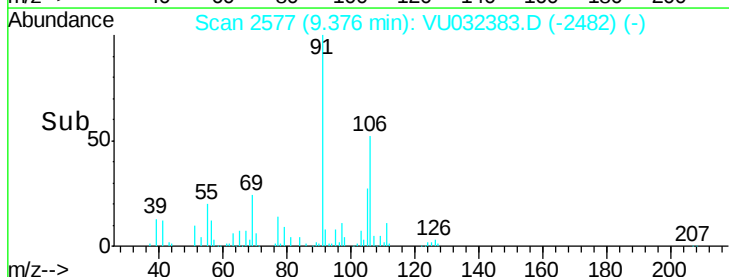
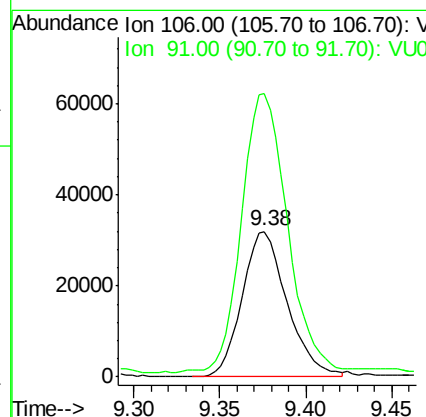
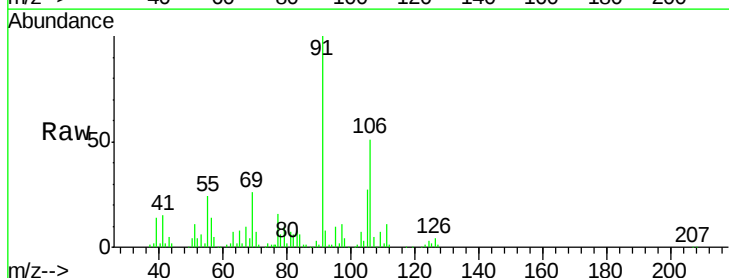
Acq: 30 May 2019 15:49

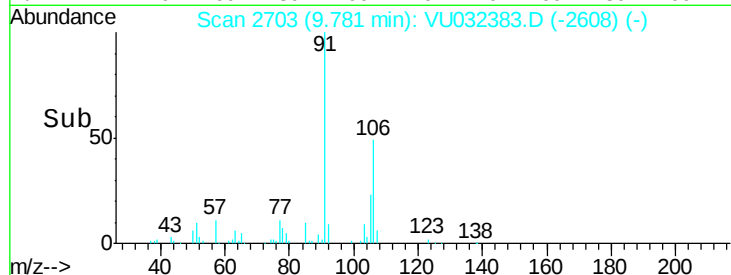
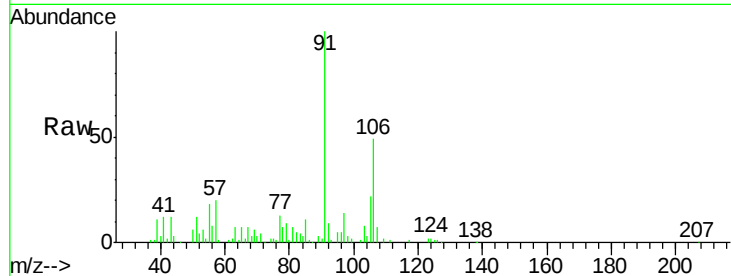
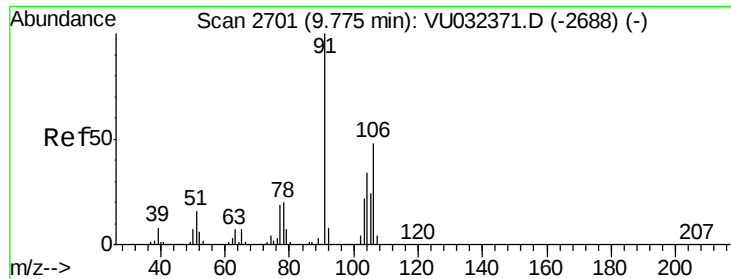
Tgt Ion: 106 Resp: 57349

Ion Ratio Lower Upper

106 100

91 194.7 138.8 257.8





#54

o-xylene

Concen: 2.551 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU032383.D

Acq: 30 May 2019 15:49

Tot Ion:106 Resp: 25532

Ion Ratio Lower Upper

106 100

91 206.1 147.5 273.9

Instrument :

MSVOA_U

ClientSampled :

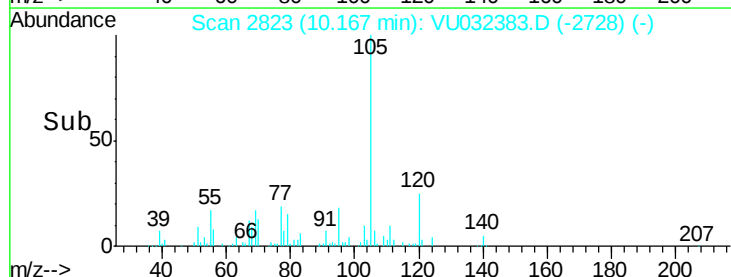
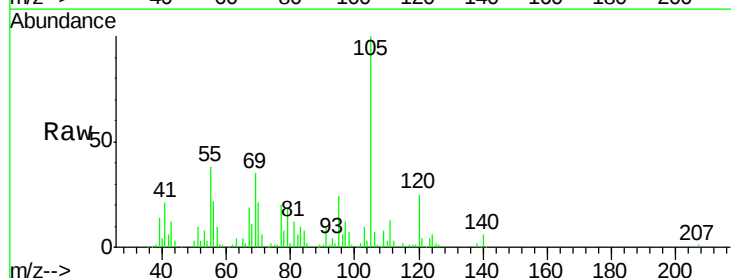
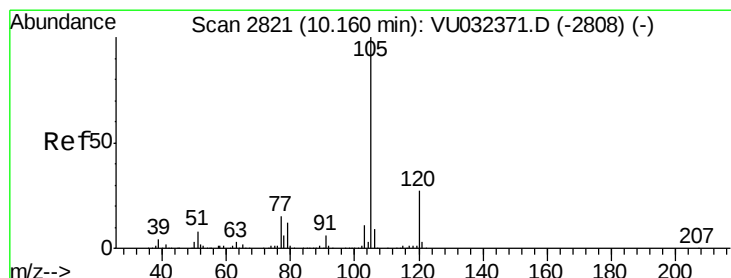
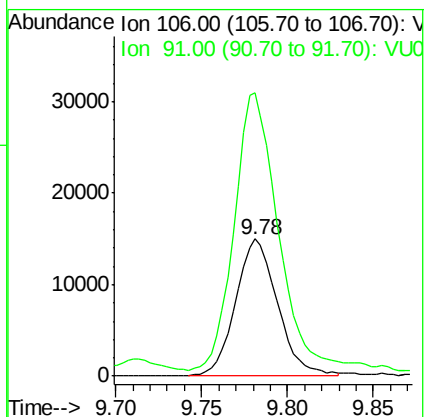
GALD4

Manual Integrations

APPROVED

MMDadoda

5/31/2019 10:29:04 AM



#56

Isopropylbenzene

Concen: 2.516 ug/L

RT: 10.17 min Scan# 2823

Delta R.T. 0.01 min

Lab File: VU032383.D

Acq: 30 May 2019 15:49

Tgt Ion:105 Resp: 63905

Ion Ratio Lower Upper

105 100

120 26.5 21.0 31.4

77 19.8 11.8 17.6#

