

Data File : VU032384.D
Acq On : 30 May 2019 16:13
Operator : JC/SP
Sample : K3081-05
Misc : 5.39g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALD5

Quant Time: Jun 07 06:38:09 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	816161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	868913	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	497247	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	208206	34.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.22%
7) Chloroethane-d5	1.64	69	137839	28.37	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	56.74%#
11) 1,1-Dichloroethene-d2	2.23	63	318622	29.81	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.62%#
21) 2-Butanone-d5	4.20	46	379968	95.97	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.97%
24) Chloroform-d	4.64	84	445625	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.64%
26) 1,2-Dichloroethane-d4	5.30	65	285097	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
32) Benzene-d6	5.33	84	962341	42.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.44%
36) 1,2-Dichloropropane-d6	6.32	67	299478	42.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.66%
41) Toluene-d8	7.56	98	1051734	49.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.92%
43) trans-1,3-Dichloropropene-	7.85	79	174661	53.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.84%
47) 2-Hexanone-d5	8.33	63	378438	127.50	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.50%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	915266	84.67	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	169.34%#
64) 1,2-Dichlorobenzene-d4	11.86	152	559894	55.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.44%

Target Compounds

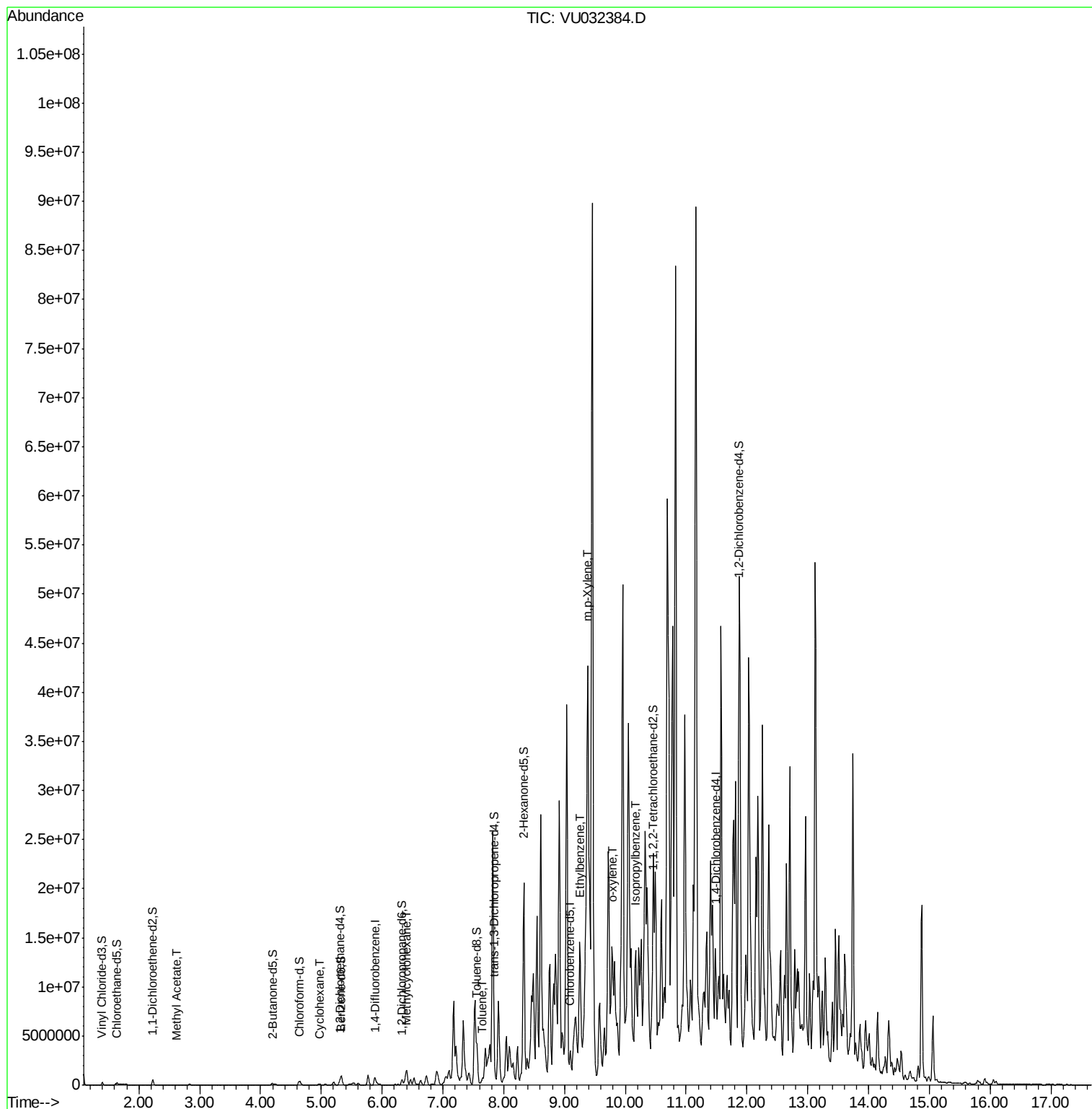
					Qvalue
15) Methyl Acetate	2.63	43	32436	5.440 ug/L	97
29) Cyclohexane	4.97	56	35445	3.994 ug/L #	53
35) Methylcyclohexane	6.40	83	727132	76.177 ug/L	91
42) Toluene	7.64	91	31792	1.201 ug/L	91
52) Ethylbenzene	9.25	91	5129346	181.493 ug/L	100
53) m,p-Xylene	9.38	106	10517668	967.253 ug/L	62
54) o-xylene	9.78	106	3166953	290.186 ug/L	100
56) Isopropylbenzene	10.17	105	3559615	128.538 ug/L	98

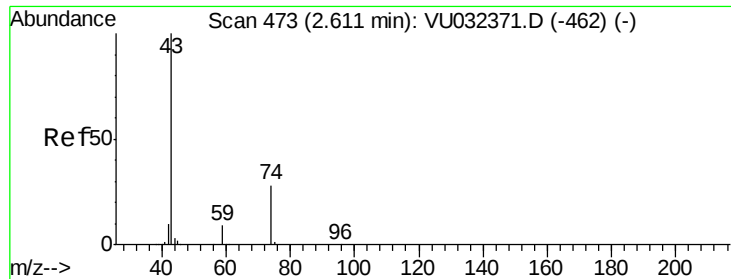
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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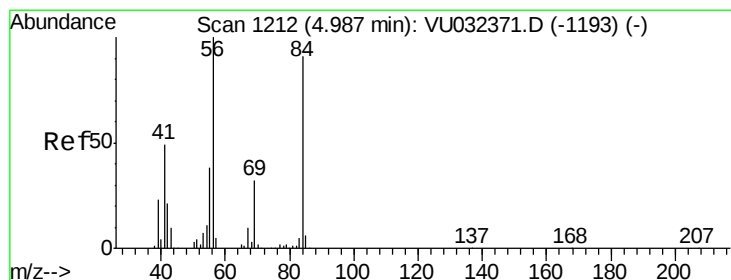
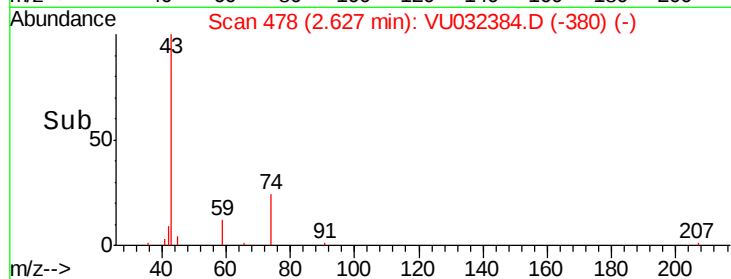
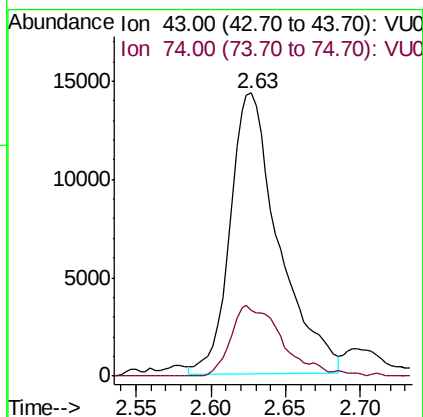
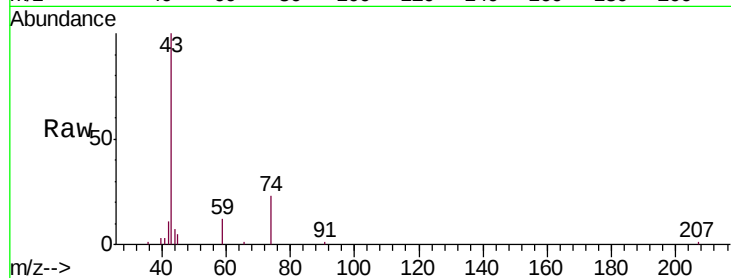




#15
Methyl Acetate
Concen: 5.440 ug/L
RT: 2.63 min Scan# 478
Delta R.T. 0.02 min
Lab File: VU032384.D
Acq: 30 May 2019 16:13

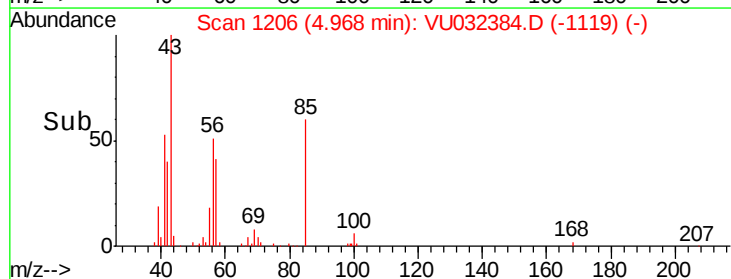
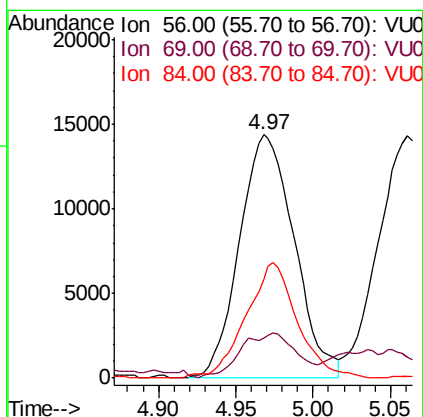
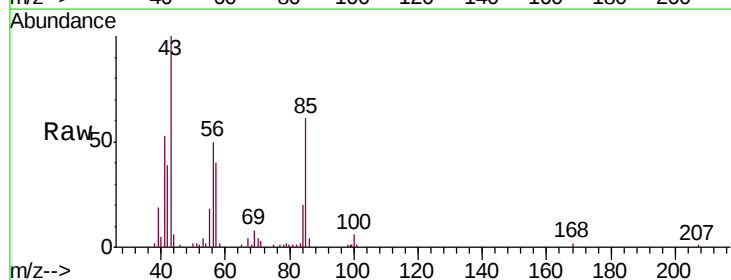
Instrument :
MSVOA_U
ClientSampleId :
GALD5

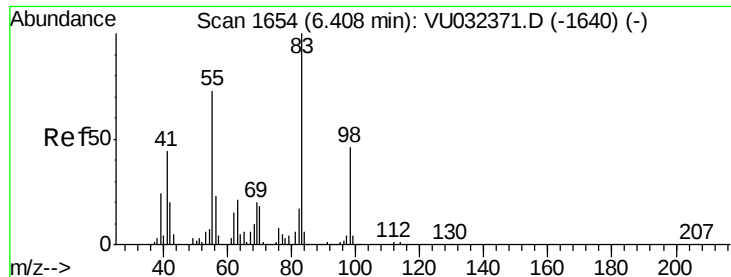
Tgt Ion: 43 Resp: 32436
Ion Ratio Lower Upper
43 100
74 24.8 21.1 31.7



#29
Cyclohexane
Concen: 3.994 ug/L
RT: 4.97 min Scan# 1206
Delta R.T. -0.02 min
Lab File: VU032384.D
Acq: 30 May 2019 16:13

Tgt Ion: 56 Resp: 35445
Ion Ratio Lower Upper
56 100
69 7.4 25.6 38.4#
84 44.1 71.4 107.2#

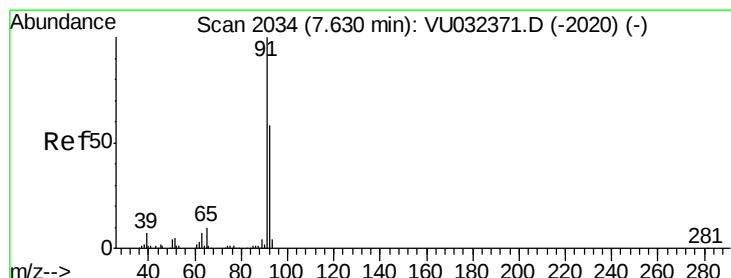
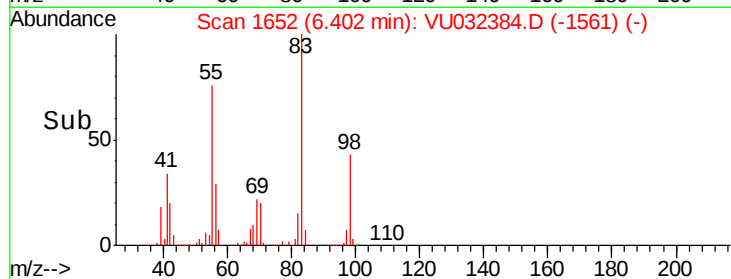
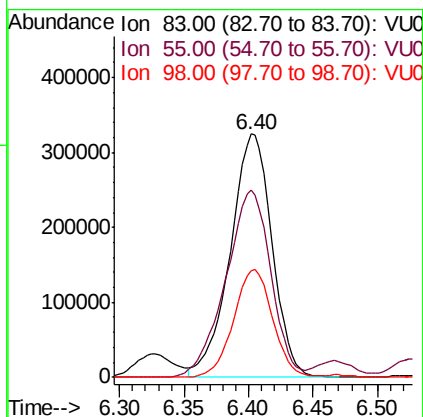
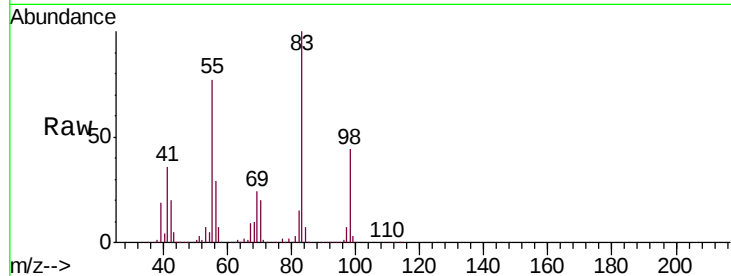




#35
Methylcyclohexane
Concen: 76.177 ug/L
RT: 6.40 min Scan# 1652
Delta R.T. -0.01 min
Lab File: VU032384.D
Acq: 30 May 2019 16:13

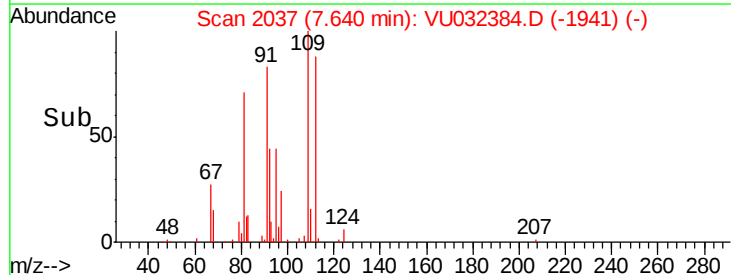
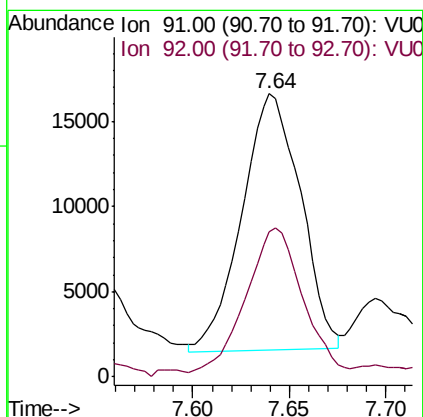
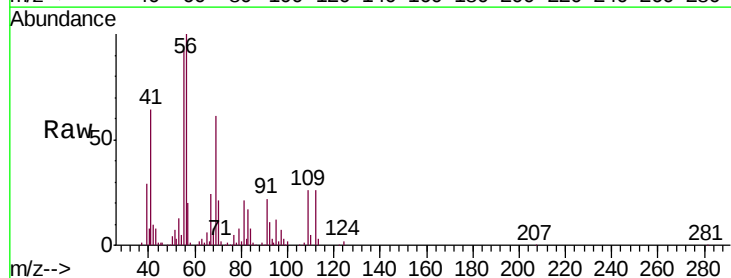
Instrument :
MSVOA_U
ClientSampled :
GALD5

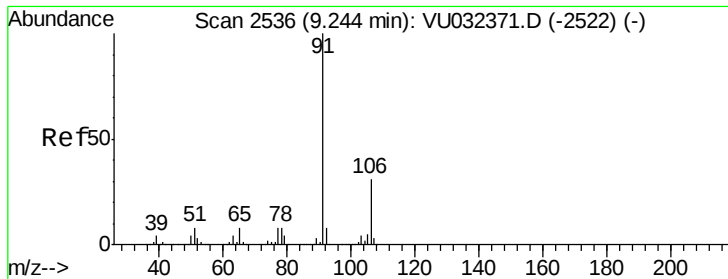
Tgt Ion: 83 Resp: 727132
Ion Ratio Lower Upper
83 100
55 83.0 59.4 89.0
98 41.8 37.1 55.7



#42
Toluene
Concen: 1.201 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU032384.D
Acq: 30 May 2019 16:13

Tgt Ion: 91 Resp: 31792
Ion Ratio Lower Upper
91 100
92 51.5 40.7 75.7





#52

Ethylbenzene

Concen: 181.493 ug/L

RT: 9.25 min Scan# 2539

Delta R.T. 0.01 min

Lab File: VU032384.D

Acq: 30 May 2019 16:13

Instrument :

MSVOA_U

ClientSampled :

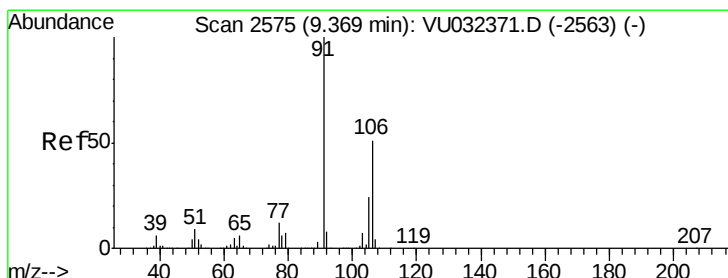
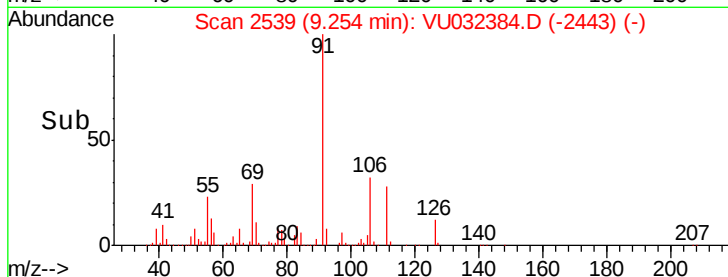
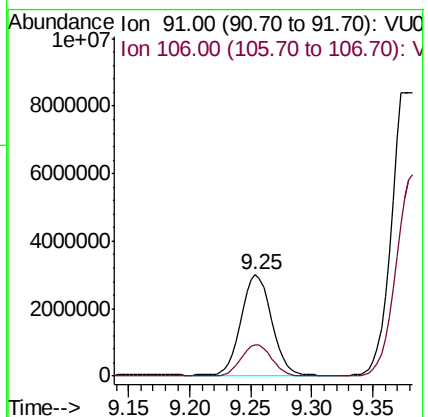
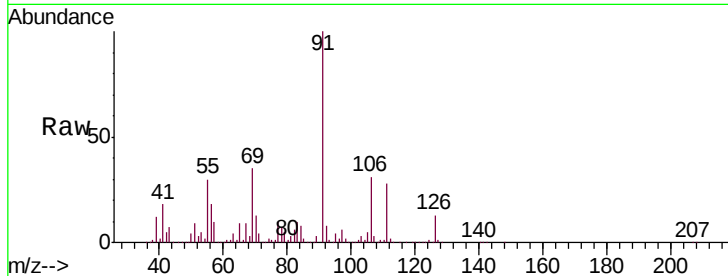
GALD5

Tgt Ion: 91 Resp: 5129346

Ion Ratio Lower Upper

91 100

106 31.2 22.0 40.8



#53

m,p-Xylene

Concen: 967.253 ug/L

RT: 9.38 min Scan# 2579

Delta R.T. 0.01 min

Lab File: VU032384.D

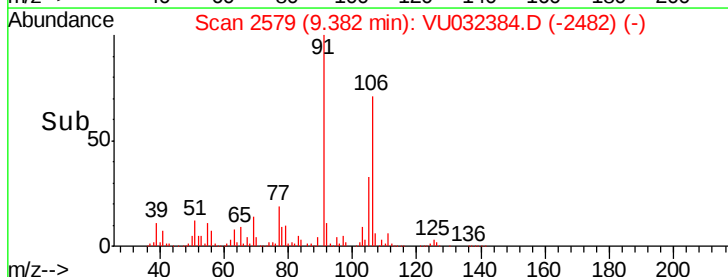
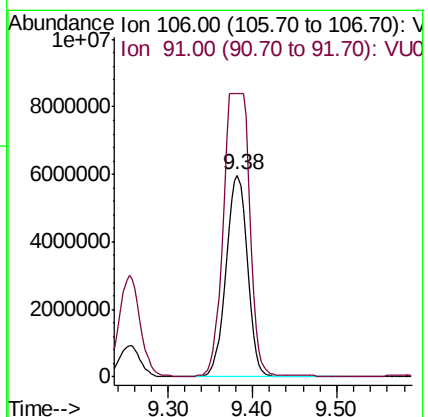
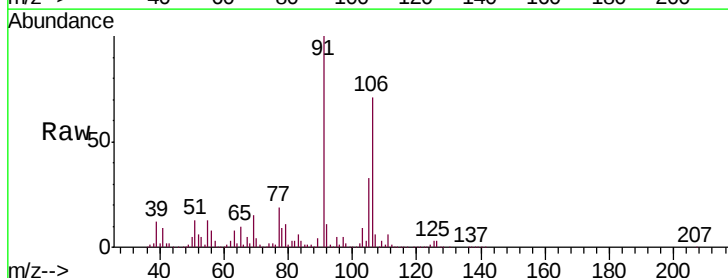
Acq: 30 May 2019 16:13

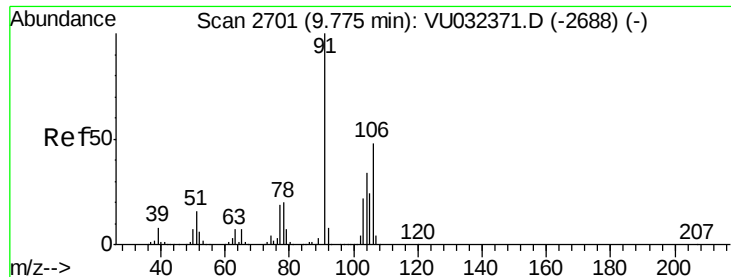
Tgt Ion: 106 Resp: 10517668

Ion Ratio Lower Upper

106 100

91 140.3 138.8 257.8





#54

o-xylene

Concen: 290.186 ug/L

RT: 9.78 min Scan# 2704

Delta R.T. 0.01 min

Lab File: VU032384.D

Acq: 30 May 2019 16:13

Instrument :

MSVOA_U

ClientSampleId :

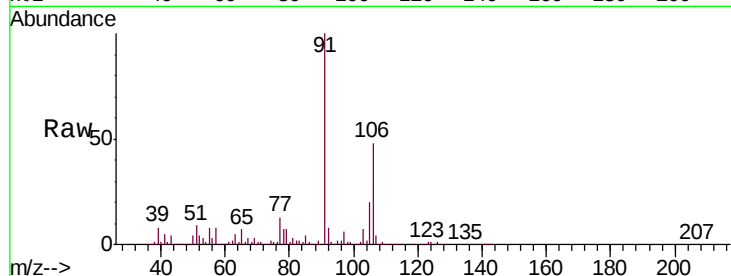
GALD5

Tgt Ion:106 Resp: 3166953

Ion Ratio Lower Upper

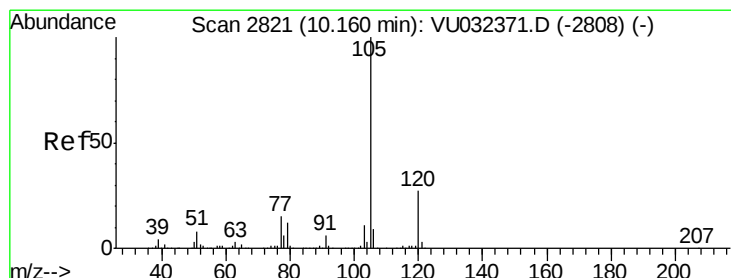
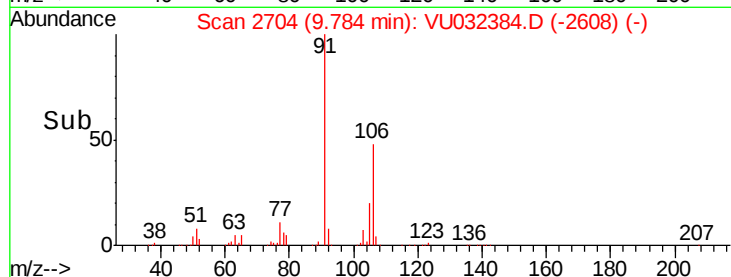
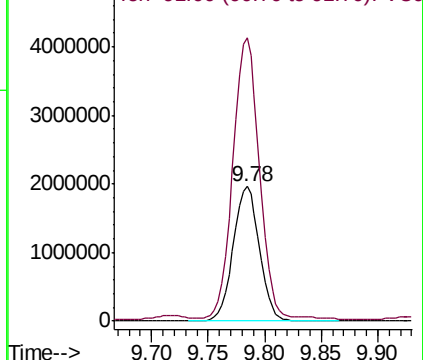
106 100

91 210.4 147.5 273.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 128.538 ug/L

RT: 10.17 min Scan# 2824

Delta R.T. 0.01 min

Lab File: VU032384.D

Acq: 30 May 2019 16:13

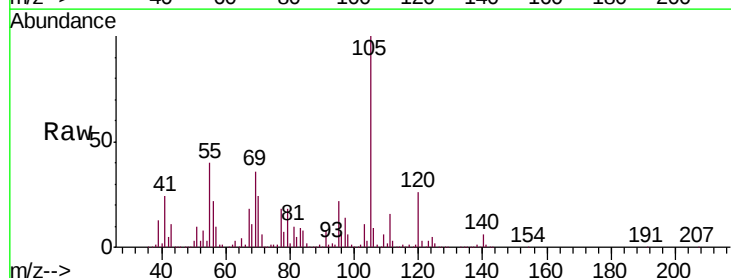
Tgt Ion:105 Resp: 3559615

Ion Ratio Lower Upper

105 100

120 26.0 21.0 31.4

77 16.7 11.8 17.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

