

Data File : VU032859.D
Acq On : 19 Jun 2019 15:35
Operator : JC/SP
Sample : K3413-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALG5

Quant Time: Jun 28 07:21:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 05:14:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	96817	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	92347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50206	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27644	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.68	69	23601	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.27	63	45834	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.19	46	95719	54.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.98%
24) Chloroform-d	4.64	84	56994	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.31	65	32957	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.33	84	112044	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.32	67	36551	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.56	98	104255	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	14942	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.31	63	73589	48.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31410	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	45003	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

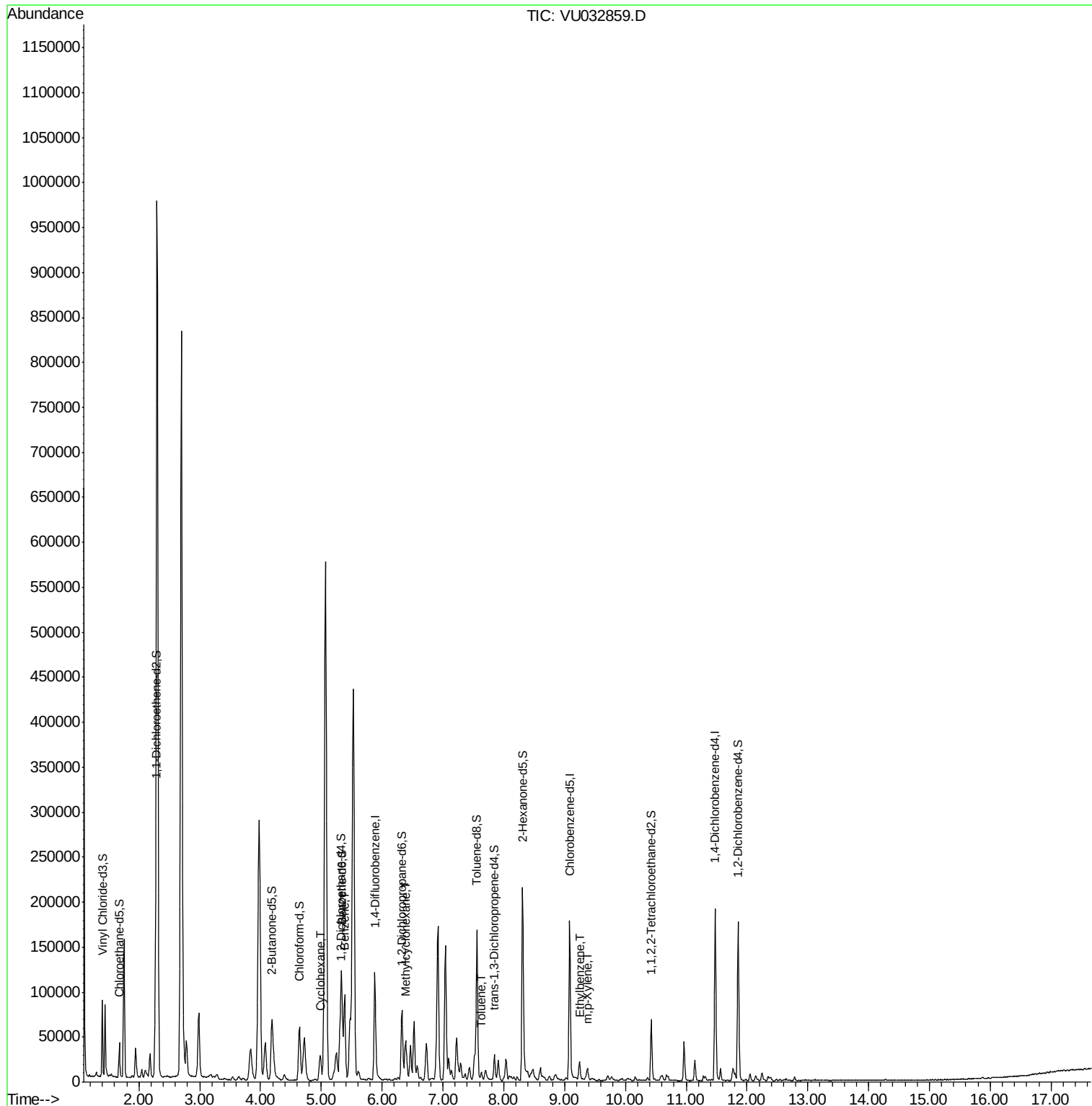
					Qvalue
30) Cyclohexane	4.98	56	13914	1.170 ug/L	93
33) Benzene	5.38	78	86626	3.182 ug/L	100
35) Methylcyclohexane	6.39	83	12778	1.014 ug/L #	53
42) Toluene	7.63	91	5872	0.194 ug/L	99
52) Ethylbenzene	9.25	91	10851	0.324 ug/L	98
53) m,p-Xylene	9.37	106	3017	0.238 ug/L	94

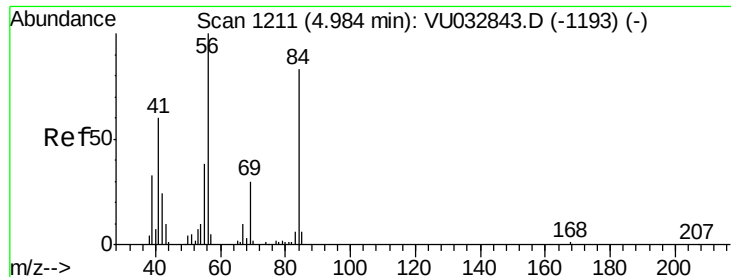
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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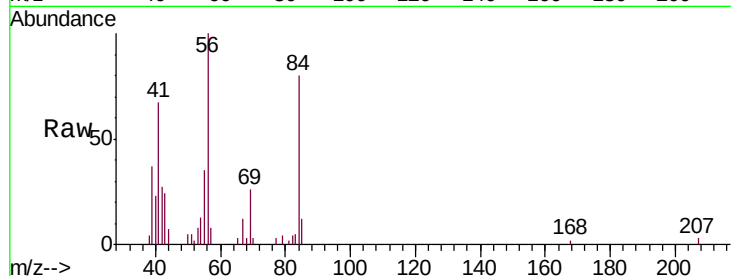




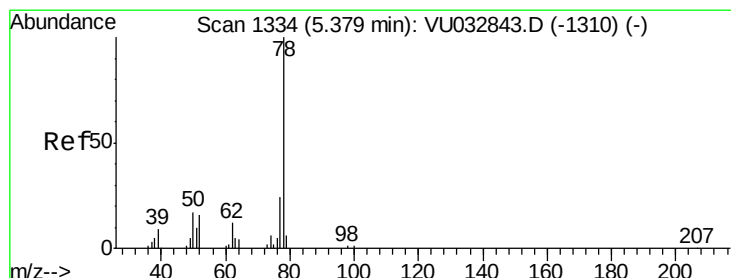
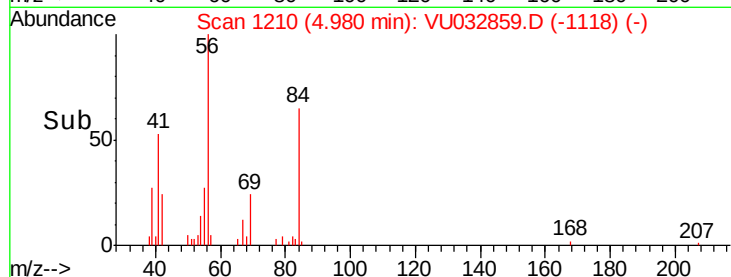
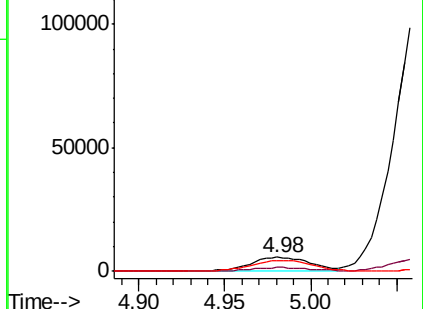
#30
Cyclohexane
Concen: 1.170 ug/L
RT: 4.98 min Scan# 1210
Delta R.T. -0.00 min
Lab File: VU032859.D
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ClientSampleId :
GALG5

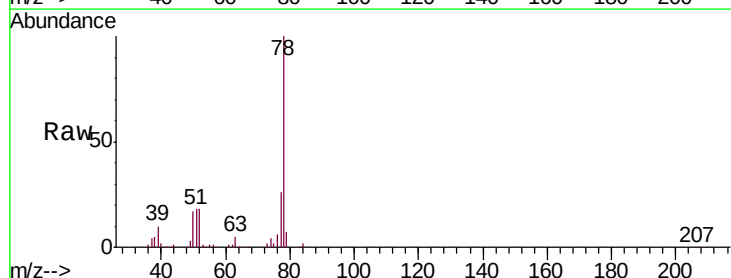
Tgt Ion: 56 Resp: 13914
Ion Ratio Lower Upper
56 100
69 26.9 24.9 37.3
84 81.3 70.2 105.2



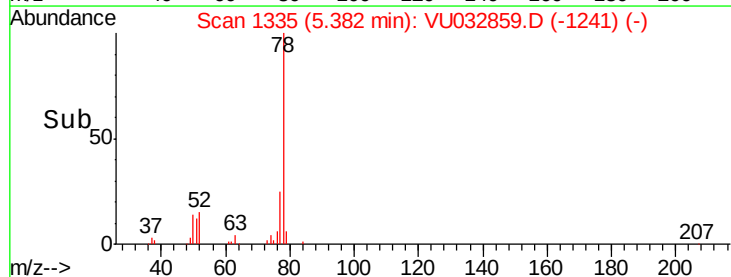
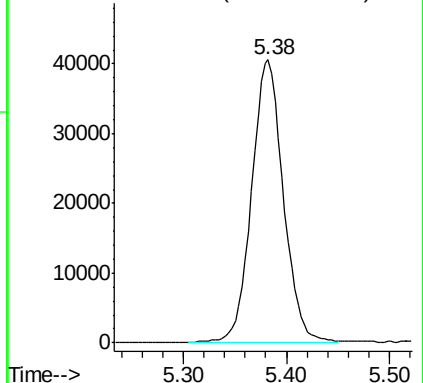
Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

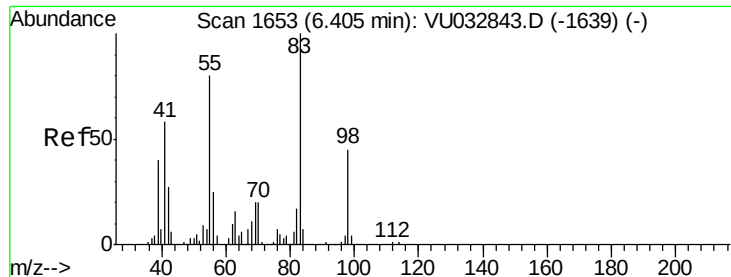


#33
Benzene
Concen: 3.182 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU032859.D
Acq: 19 Jun 2019 15:35
Tgt Ion: 78 Resp: 86626



Abundance Ion 78.10 (77.80 to 78.80): VU0

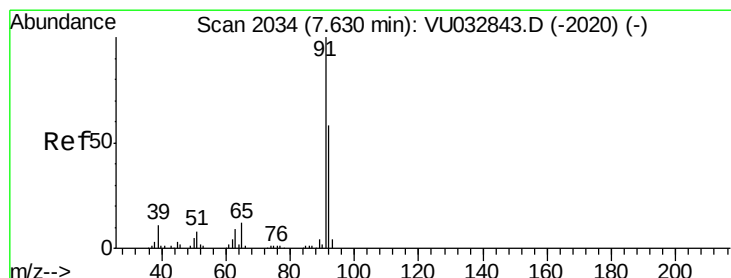
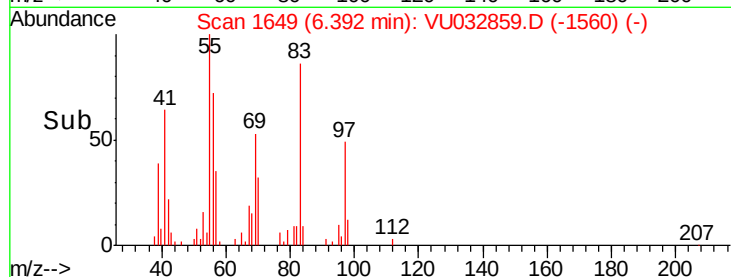
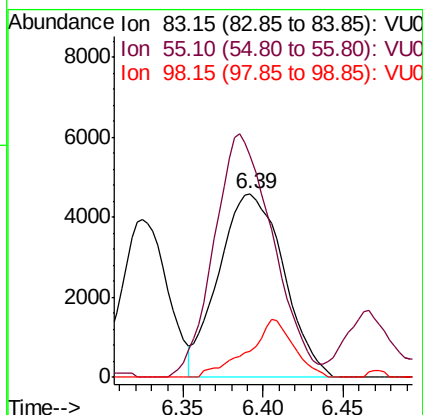
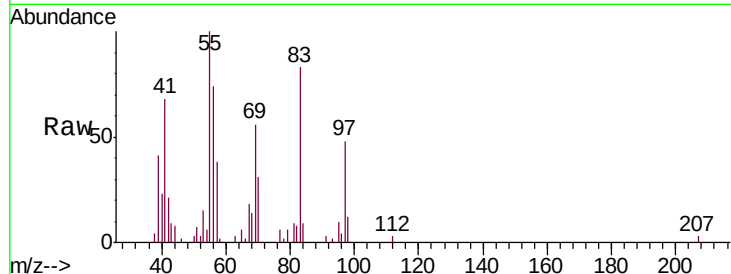




#35
Methylcyclohexane
Concen: 1.014 ug/L
RT: 6.39 min Scan# 1649
Delta R.T. -0.01 min
Lab File: VU032859.D
Acq: 19 Jun 2019 15:35

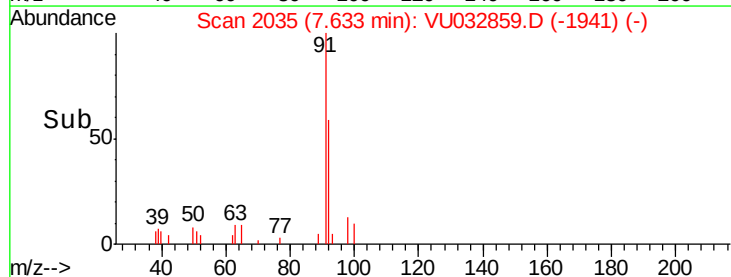
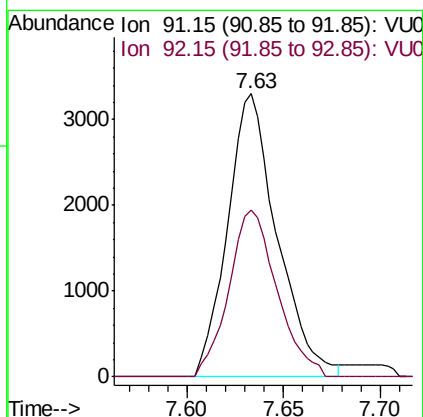
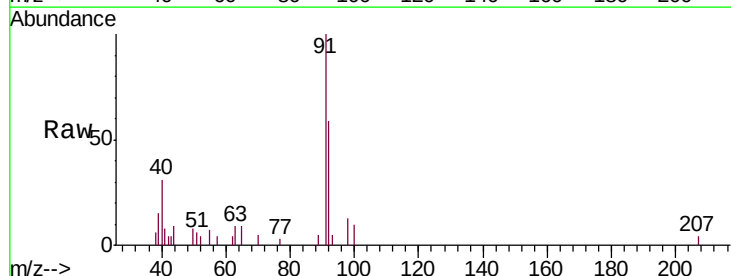
Instrument :
MSVOA_U
ClientSampled :
GALG5

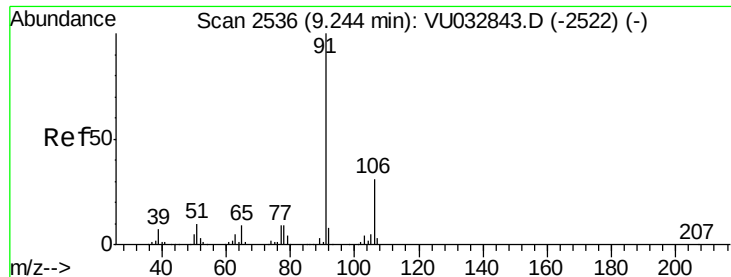
Tgt Ion: 83 Resp: 12778
Ion Ratio Lower Upper
83 100
55 120.4 60.0 90.0#
98 22.4 37.8 56.8#



#42
Toluene
Concen: 0.194 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032859.D
Acq: 19 Jun 2019 15:35

Tgt Ion: 91 Resp: 5872
Ion Ratio Lower Upper
91 100
92 59.0 40.9 75.9





#52

Ethylbenzene

Concen: 0.324 ug/L

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU032859.D

Acq: 19 Jun 2019 15:35

Instrument :

MSVOA_U

ClientSampleId :

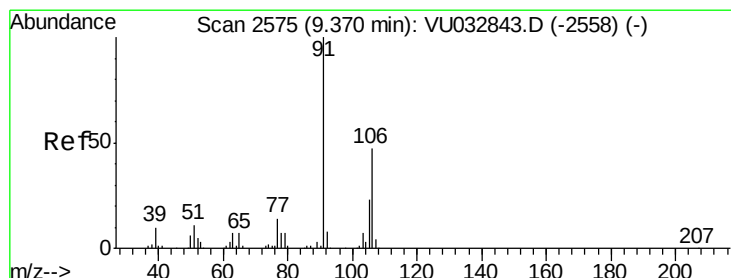
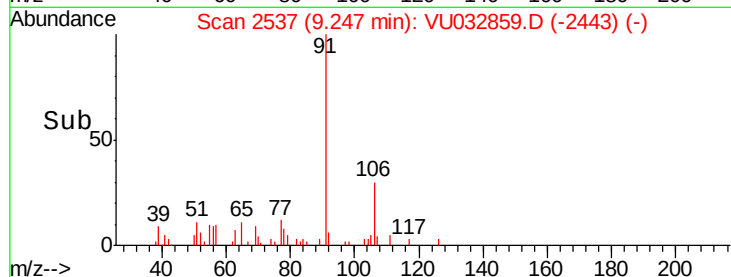
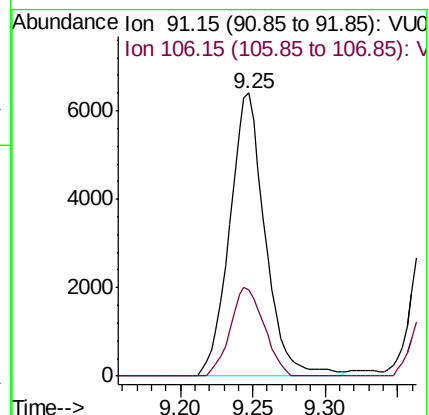
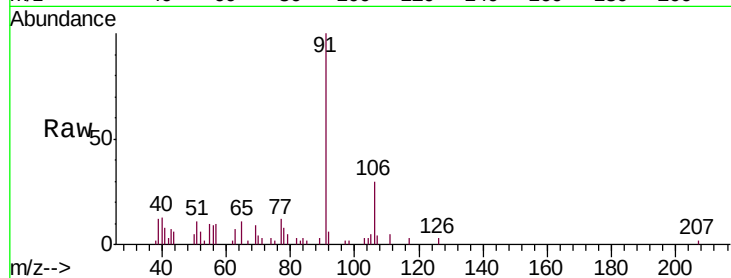
GALG5

Tgt Ion: 91 Resp: 10851

Ion Ratio Lower Upper

91 100

106 30.3 21.8 40.6



#53

m,p-Xylene

Concen: 0.238 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032859.D

Acq: 19 Jun 2019 15:35

Tgt Ion: 106 Resp: 3017

Ion Ratio Lower Upper

106 100

91 212.7 142.4 264.4

