

Data File : VU031369.D
Acq On : 19 Apr 2019 19:07
Operator : JC/SP
Sample : K2456-10
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHP8

Quant Time: Apr 19 23:16:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 23:12:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	702994	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	581933	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	286421	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	174880	27.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.02%#
7) Chloroethane-d5	1.68	69	122486	21.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.58%#
11) 1,1-Dichloroethene-d2	2.24	63	275349	21.47	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	42.94%#
21) 2-Butanone-d5	4.21	46	321187	68.12	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.12%
24) Chloroform-d	4.64	84	349804	32.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.76%#
26) 1,2-Dichloroethane-d4	5.31	65	218902	32.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.82%#
32) Benzene-d6	5.33	84	746080	40.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.10%
36) 1,2-Dichloropropane-d6	6.33	67	260258	43.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.18%
41) Toluene-d8	7.56	98	588579	36.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.72%#
43) trans-1,3-Dichloropropene-	7.85	79	98907	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.32%
47) 2-Hexanone-d5	8.34	63	269164	95.50	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.50%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	303802	36.65	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	254586	38.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.52%#

Target Compounds

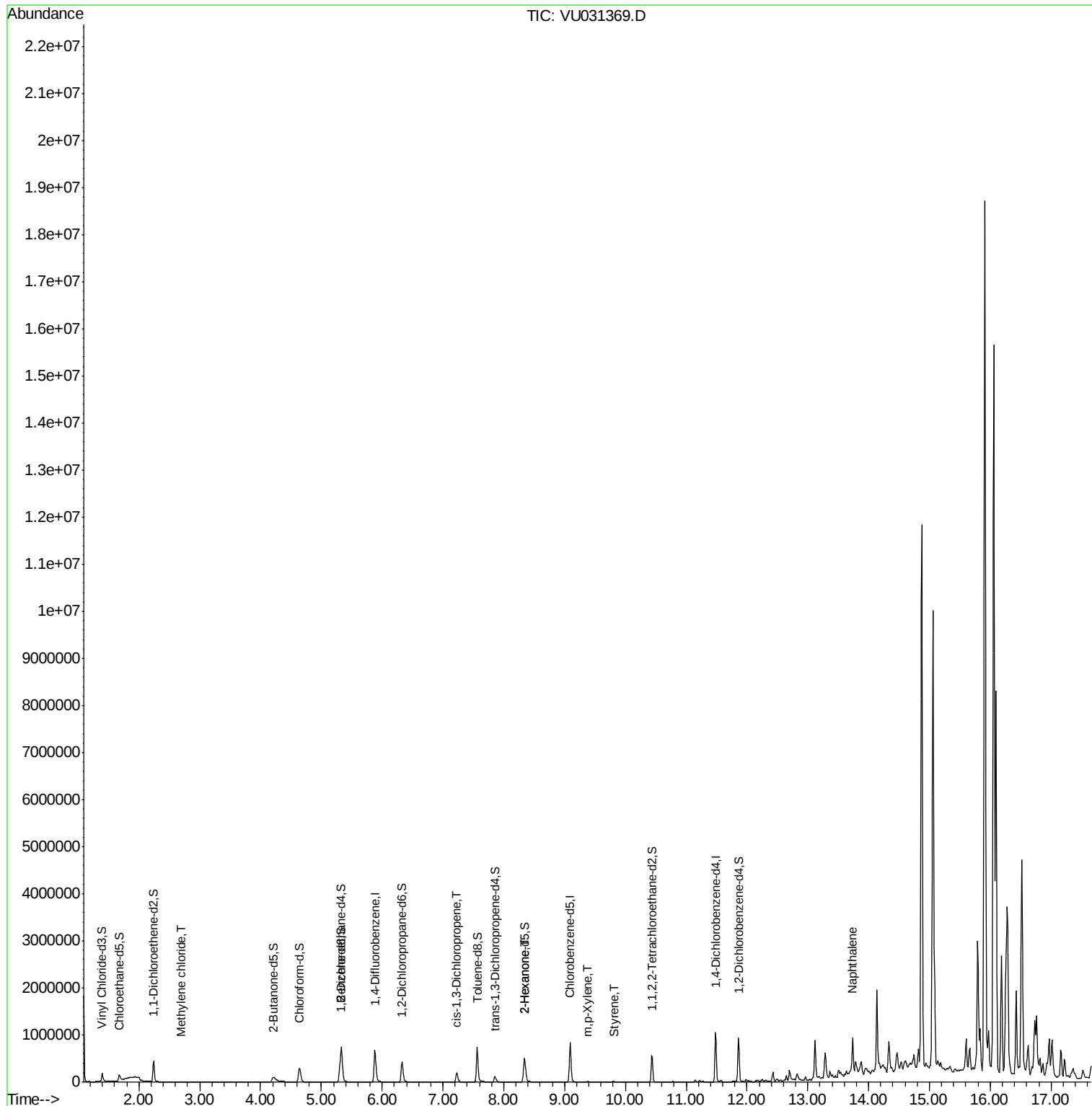
					Qvalue
16) Methylene chloride	2.69	84	3463	0.646 ug/L	88
39) cis-1,3-Dichloropropene	7.22	75	5847	0.753 ug/L #	57
48) 2-Hexanone	8.34	43	31614	5.435 ug/L #	66
53) m,p-Xylene	9.38	106	4478	0.599 ug/L	74
55) Styrene	9.81	104	6724	0.526 ug/L	84
69) Naphthalene	13.74	128	596409	33.111 ug/L	100

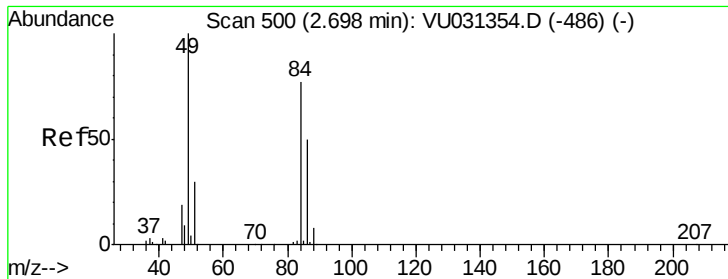
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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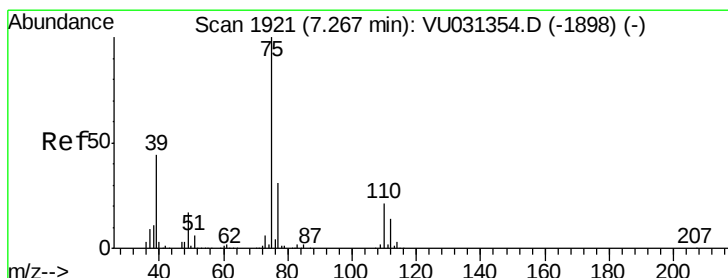
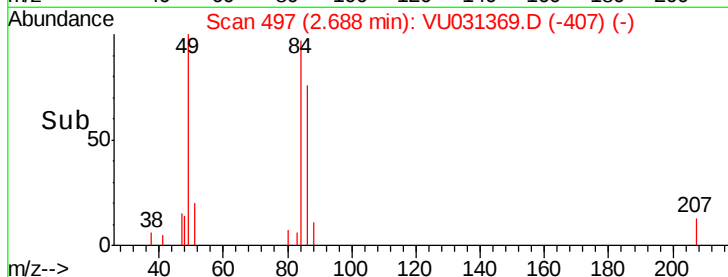
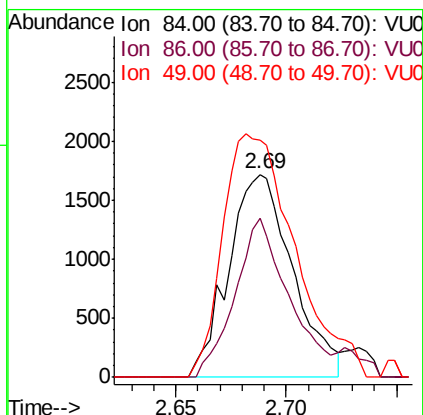
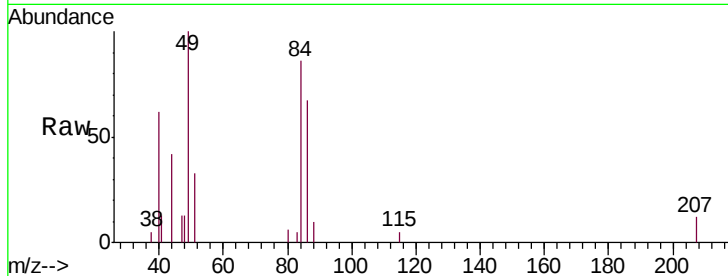




#16
Methylene chloride
Concen: 0.646 ug/L
RT: 2.69 min Scan# 497
Delta R.T. -0.01 min
Lab File: VU031369.D
Acq: 19 Apr 2019 19:07

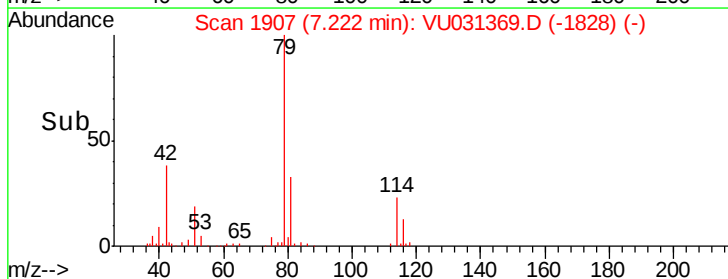
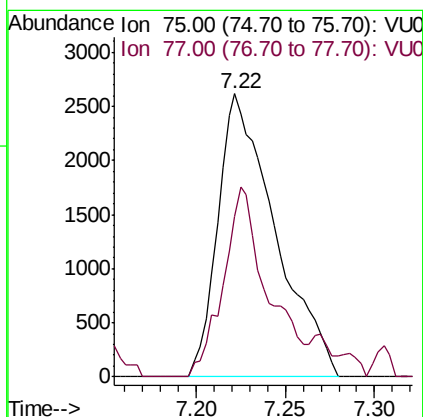
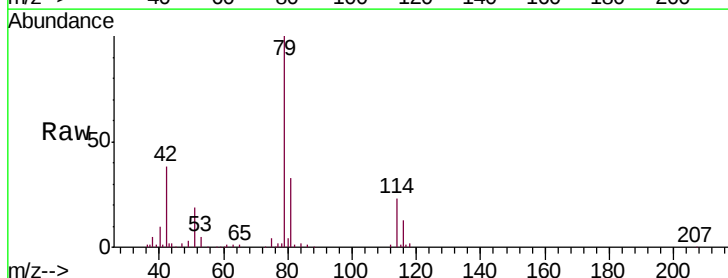
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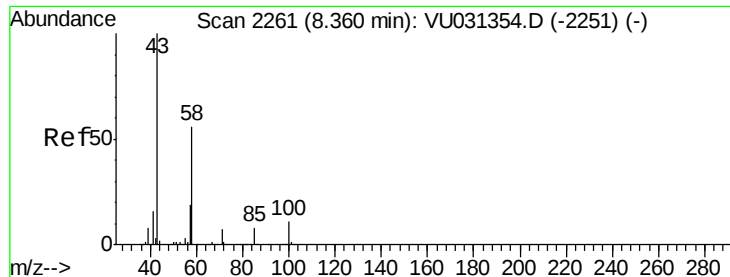
Tgt Ion: 84 Resp: 3463
Ion Ratio Lower Upper
84 100
86 78.2 44.0 81.8
49 116.8 88.0 163.4



#39
cis-1,3-Dichloropropene
Concen: 0.753 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.05 min
Lab File: VU031369.D
Acq: 19 Apr 2019 19:07

Tgt Ion: 75 Resp: 5847
Ion Ratio Lower Upper
75 100
77 56.8 22.7 42.1#

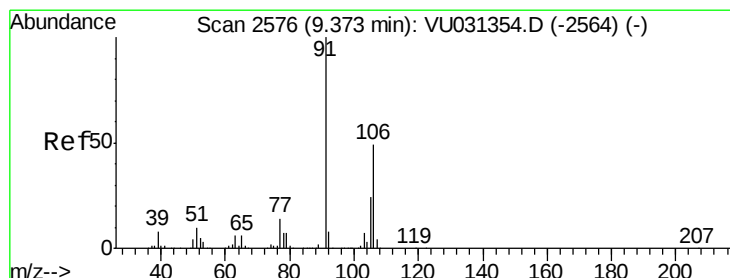
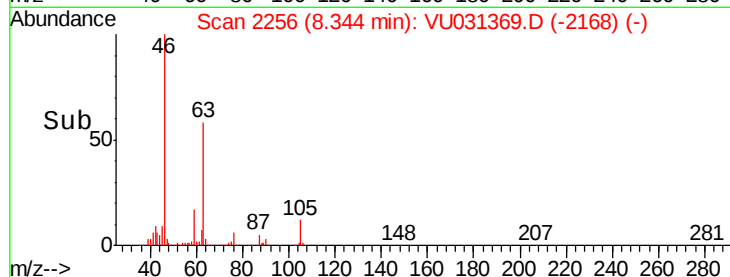
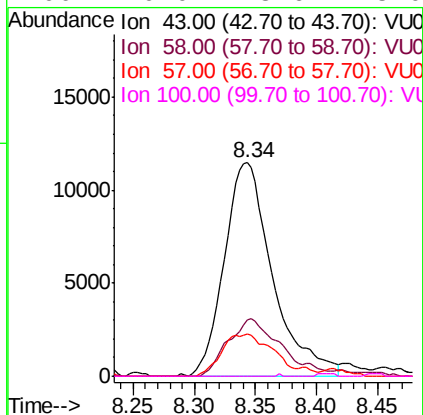
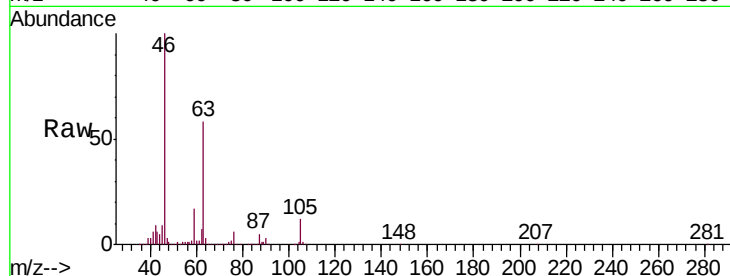




#48
2-Hexanone
Concen: 5.435 ug/L
RT: 8.34 min Scan# 2256
Delta R.T. -0.02 min
Lab File: VU031369.D
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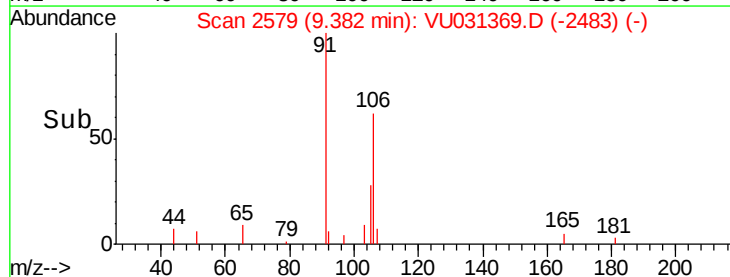
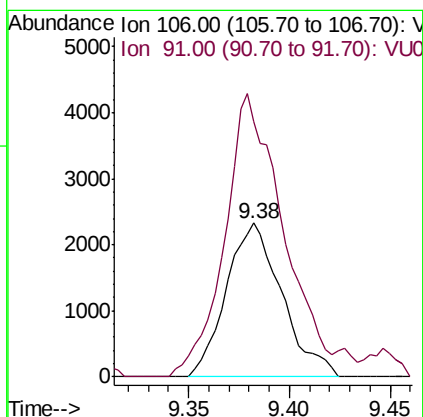
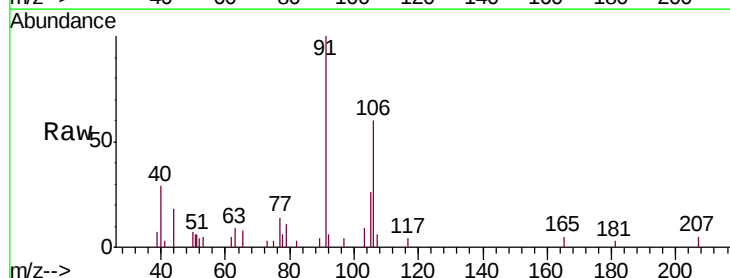
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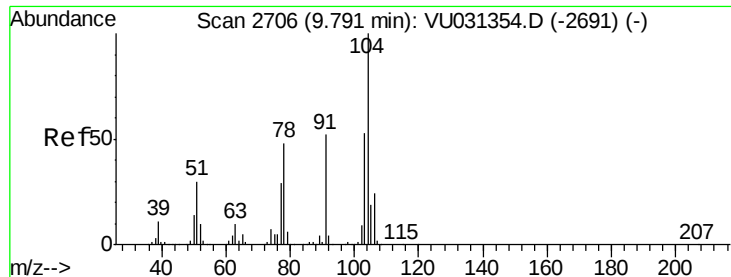
Tgt Ion: 43 Resp: 31614
Ion Ratio Lower Upper
43 100
58 27.5 44.9 67.3#
57 8.3 15.1 22.7#
100 0.0 8.6 13.0#



#53
m,p-Xylene
Concen: 0.599 ug/L
RT: 9.38 min Scan# 2579
Delta R.T. 0.01 min
Lab File: VU031369.D
Acq: 19 Apr 2019 19:07

Tgt Ion: 106 Resp: 4478
Ion Ratio Lower Upper
106 100
91 165.6 144.5 268.4





#55

Styrene

Concen: 0.526 ug/L

RT: 9.81 min Scan# 2711

Delta R.T. 0.02 min

Lab File: VU031369.D

Acq: 19 Apr 2019 19:07

Instrument :

MSVOA_U

ClientSampleId :

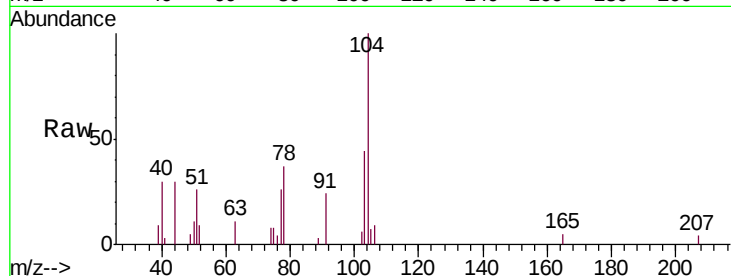
GAHP8

Tgt Ion:104 Resp: 6724

Ion Ratio Lower Upper

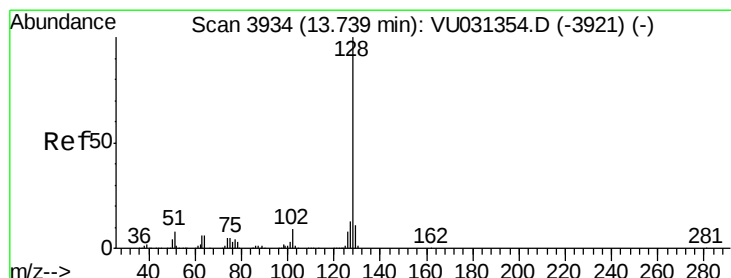
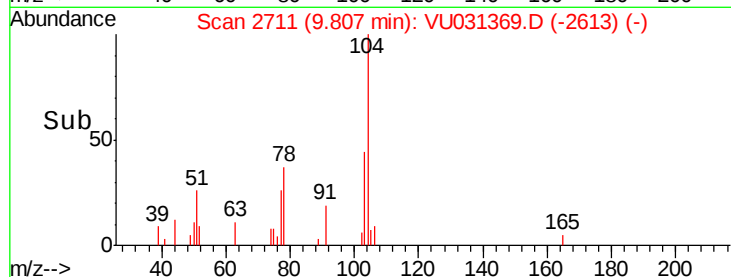
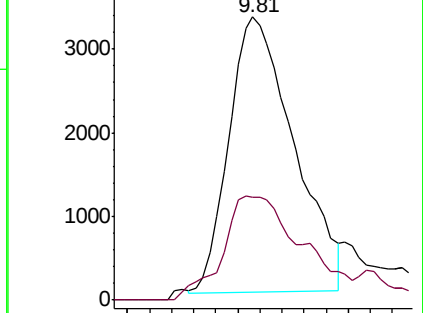
104 100

78 36.5 32.8 61.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0



#69

Naphthalene

Concen: 33.111 ug/L

RT: 13.74 min Scan# 3934

Delta R.T. -0.00 min

Lab File: VU031369.D

Acq: 19 Apr 2019 19:07

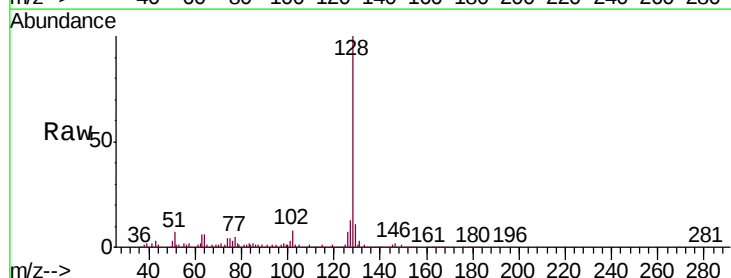
Tgt Ion:128 Resp: 596409

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.2 8.2 12.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

