

Data File : VU036851.D
Acq On : 19 Feb 2020 16:51
Operator : JC/MD
Sample : L1580-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDJ8

Quant Time: Feb 20 04:50:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 20 04:46:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	137490	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	126504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	55701	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47358	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.93	69	43466	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.59	63	65423	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.68	46	121400	48.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.92%
24) Chloroform-d	5.11	84	79550	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.74	65	46287	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.76	84	177548	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.73	67	56241	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.93	98	161218	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.21	79	19861	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.66	63	102512	47.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41678	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	51355	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

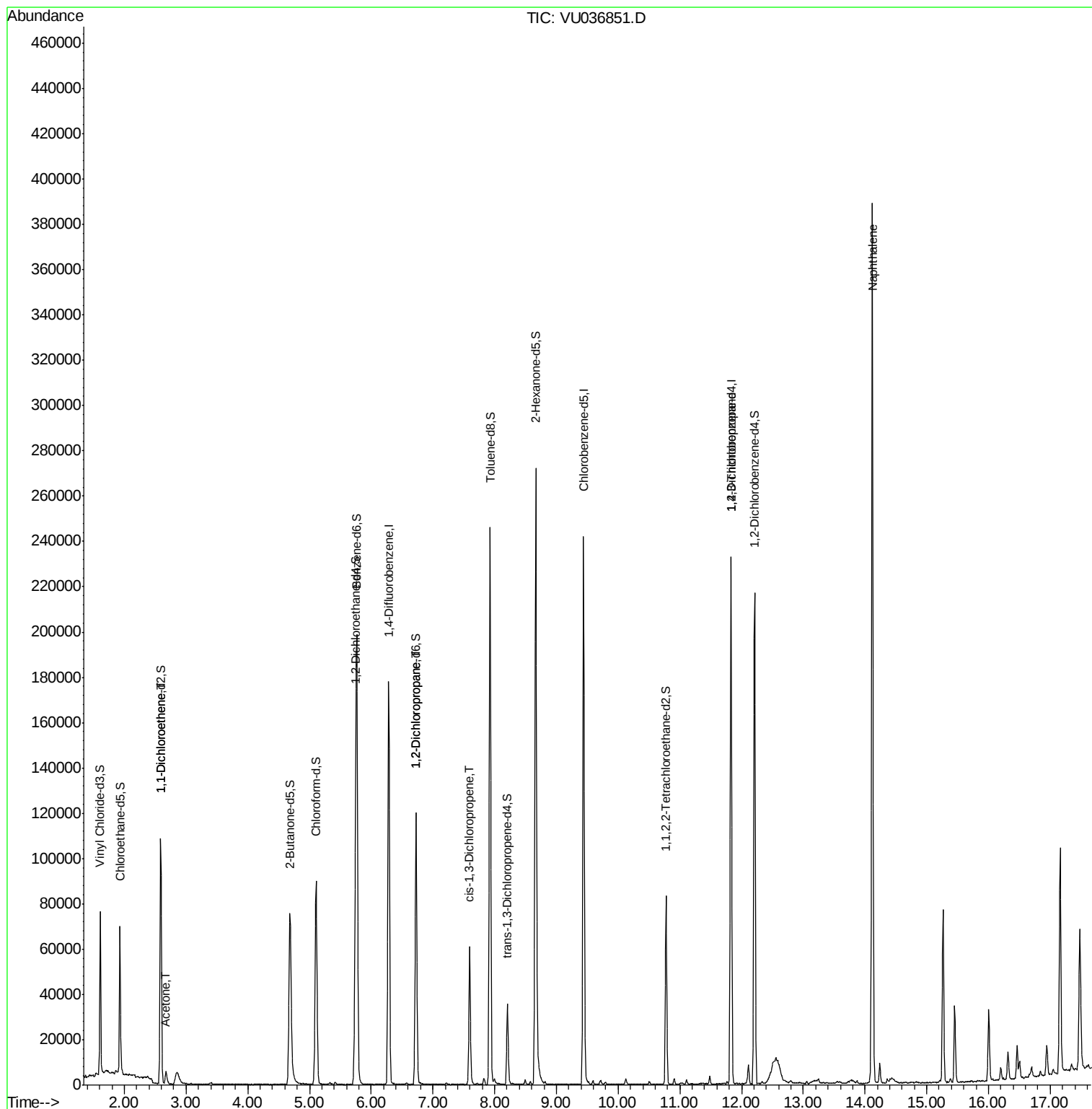
					Qvalue	
12) 1,1-Dichloroethene	2.59	96	577	0.069	ug/L #	1
13) Acetone	2.67	43	7530	2.375	ug/L	97
37) 1,2-Dichloropropane	6.73	63	6022	0.565	ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1503	0.097	ug/L #	77
59) 1,2,3-Trichloropropane	11.83	75	8485	1.206	ug/L	92
69) Naphthalene	14.12	128	290813	15.755	ug/L	99

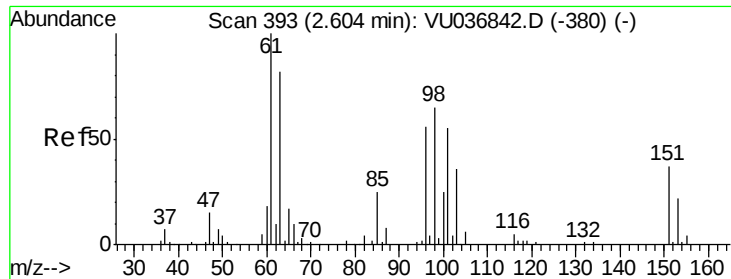
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.069 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU036851.D

Acq: 19 Feb 2020 16:51

Instrument :

MSVOA_U

ClientSampled :

DBDJ8

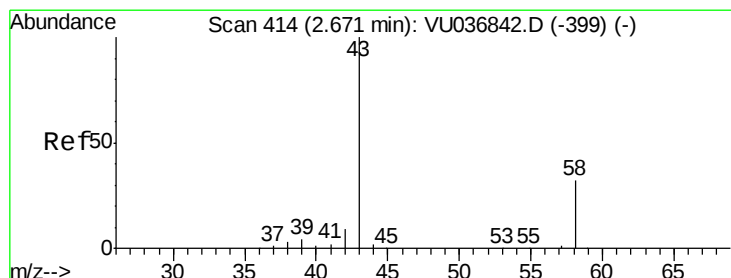
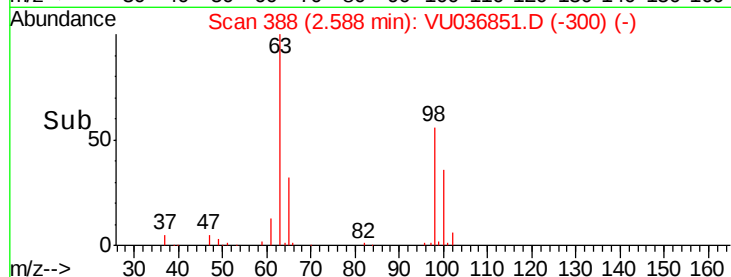
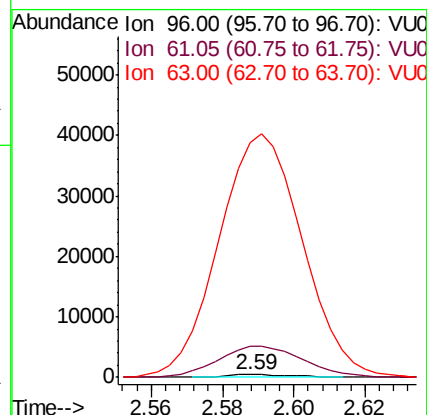
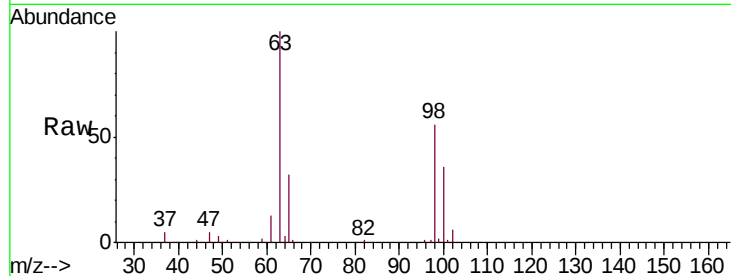
Tgt Ion: 96 Resp: 577

Ion Ratio Lower Upper

96 100

61 1121.6 126.4 234.8#

63 8645.3 89.5 166.3#



#13

Acetone

Concen: 2.375 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU036851.D

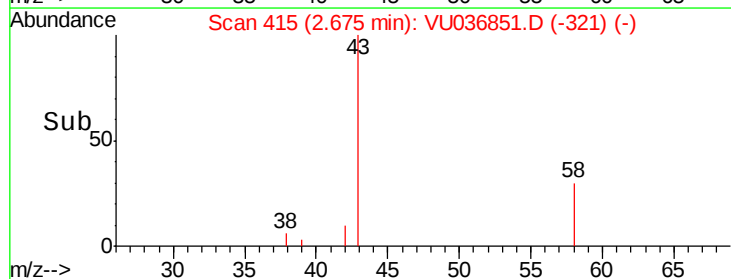
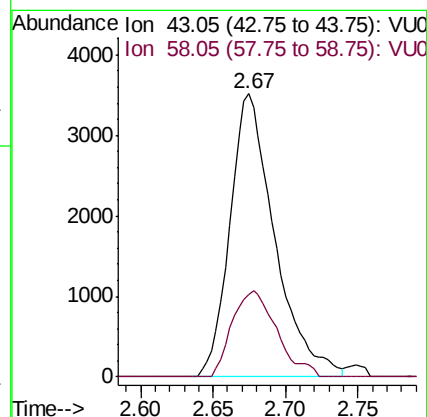
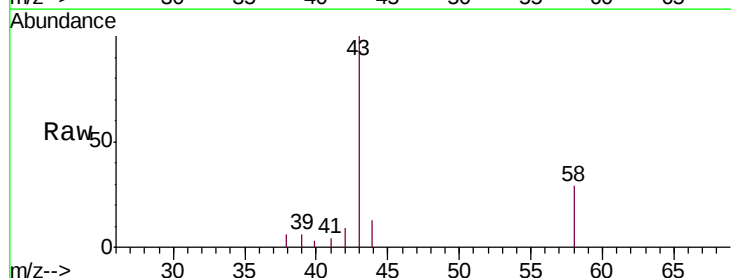
Acq: 19 Feb 2020 16:51

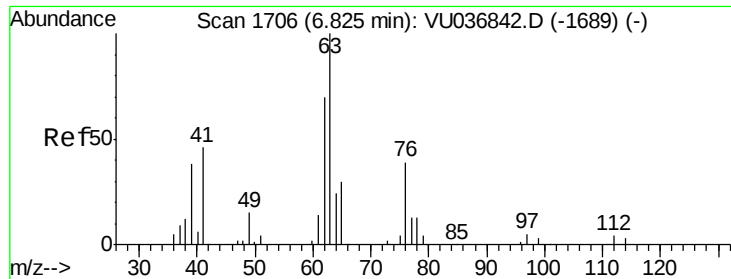
Tgt Ion: 43 Resp: 7530

Ion Ratio Lower Upper

43 100

58 30.4 0.0 64.2

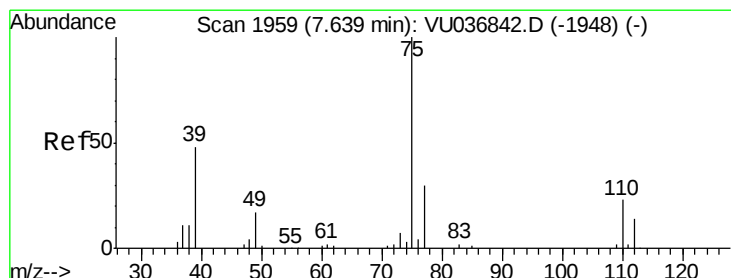
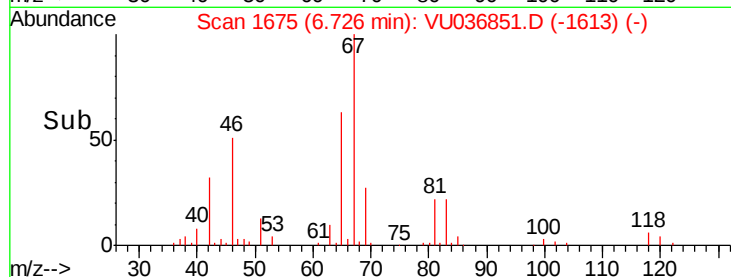
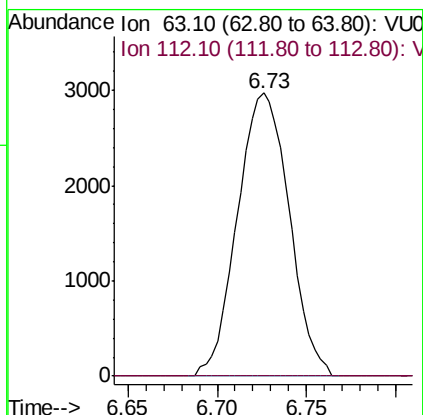
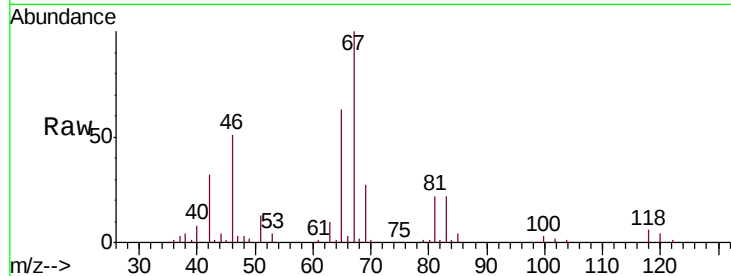




#37
 1,2-Dichloropropane
 Concen: 0.565 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036851.D
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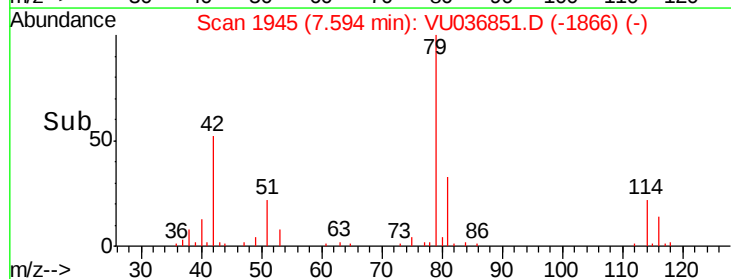
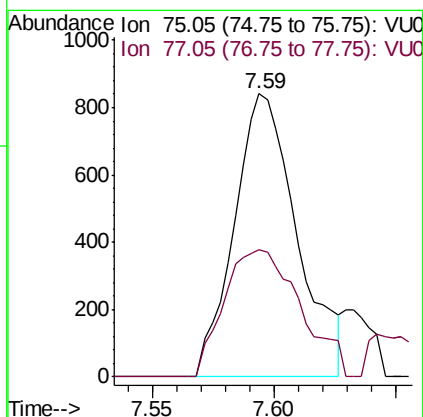
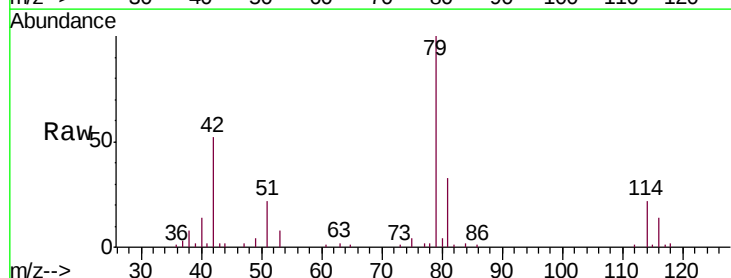
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 DBDJ8

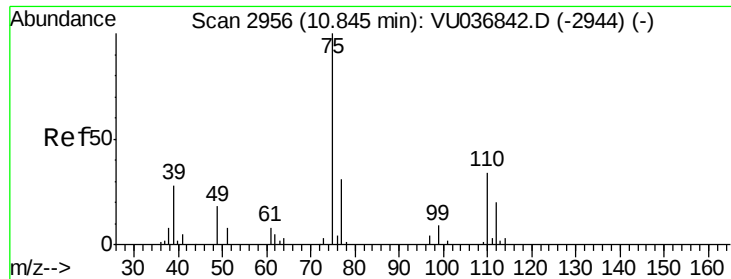
Tgt Ion: 63 Resp: 6022
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036851.D
 Acq: 19 Feb 2020 16:51

Tgt Ion: 75 Resp: 1503
 Ion Ratio Lower Upper
 75 100
 77 44.8 22.5 41.9#





#59

1,2,3-Trichloropropane

Concen: 1.206 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU036851.D

Acq: 19 Feb 2020 16:51

Instrument :

MSVOA_U

ClientSampled :

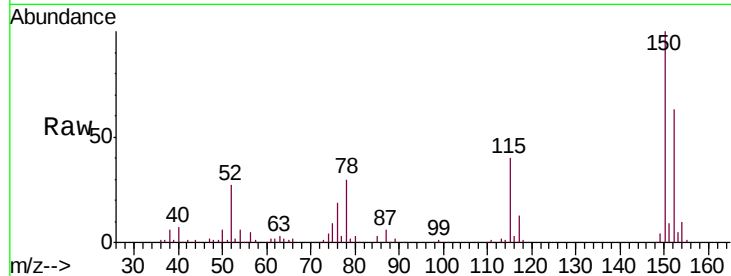
DBDJ8

Tgt Ion: 75 Resp: 8485

Ion Ratio Lower Upper

75 100

77 36.6 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU036842.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU036842.D (-2944) (-)

11.83

4000

3000

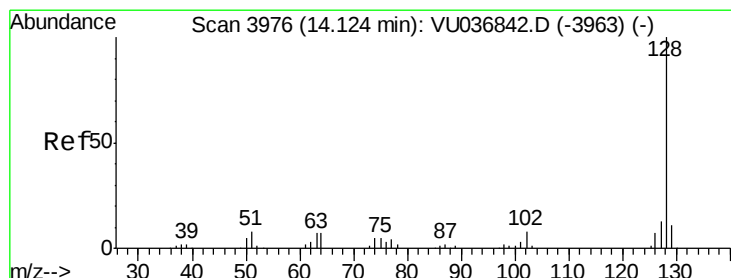
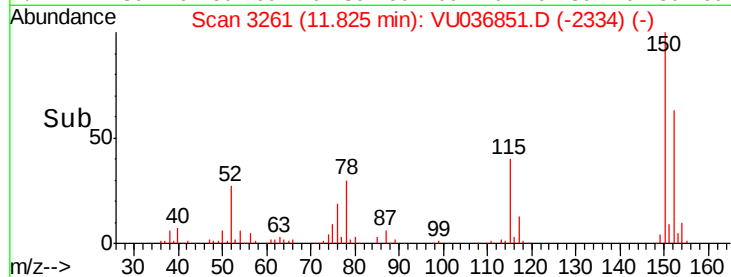
2000

1000

0

11.80 11.85

Time-->



#69

Naphthalene

Concen: 15.755 ug/L

RT: 14.12 min Scan# 3974

Delta R.T. -0.01 min

Lab File: VU036851.D

Acq: 19 Feb 2020 16:51

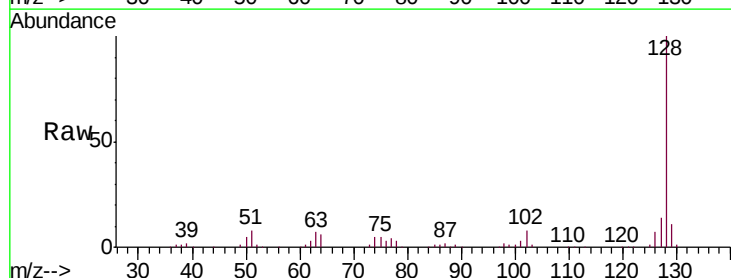
Tgt Ion: 128 Resp: 290813

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): VU036842.D (-3963) (-)

Ion 129.00 (128.70 to 129.70): VU036842.D (-3963) (-)

Ion 127.00 (126.70 to 127.70): VU036842.D (-3963) (-)

14.12

250000

200000

150000

100000

50000

0

14.00 14.10 14.20

Time-->

