

Data File : VU036766.D
Acq On : 13 Feb 2020 12:46
Operator : JC/MD
Sample : VU0213WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK14

Quant Time: Feb 14 00:19:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 14 00:15:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	132955	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	121590	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51133	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48034	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.93	69	44278	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.59	63	66615	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.69	46	130664	54.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.98%
24) Chloroform-d	5.11	84	82896	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.74	65	48949	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	180119	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.73	67	58497	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.92	98	164820	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.21	79	20895	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.67	63	107082	51.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.84%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	44490	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	51876	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

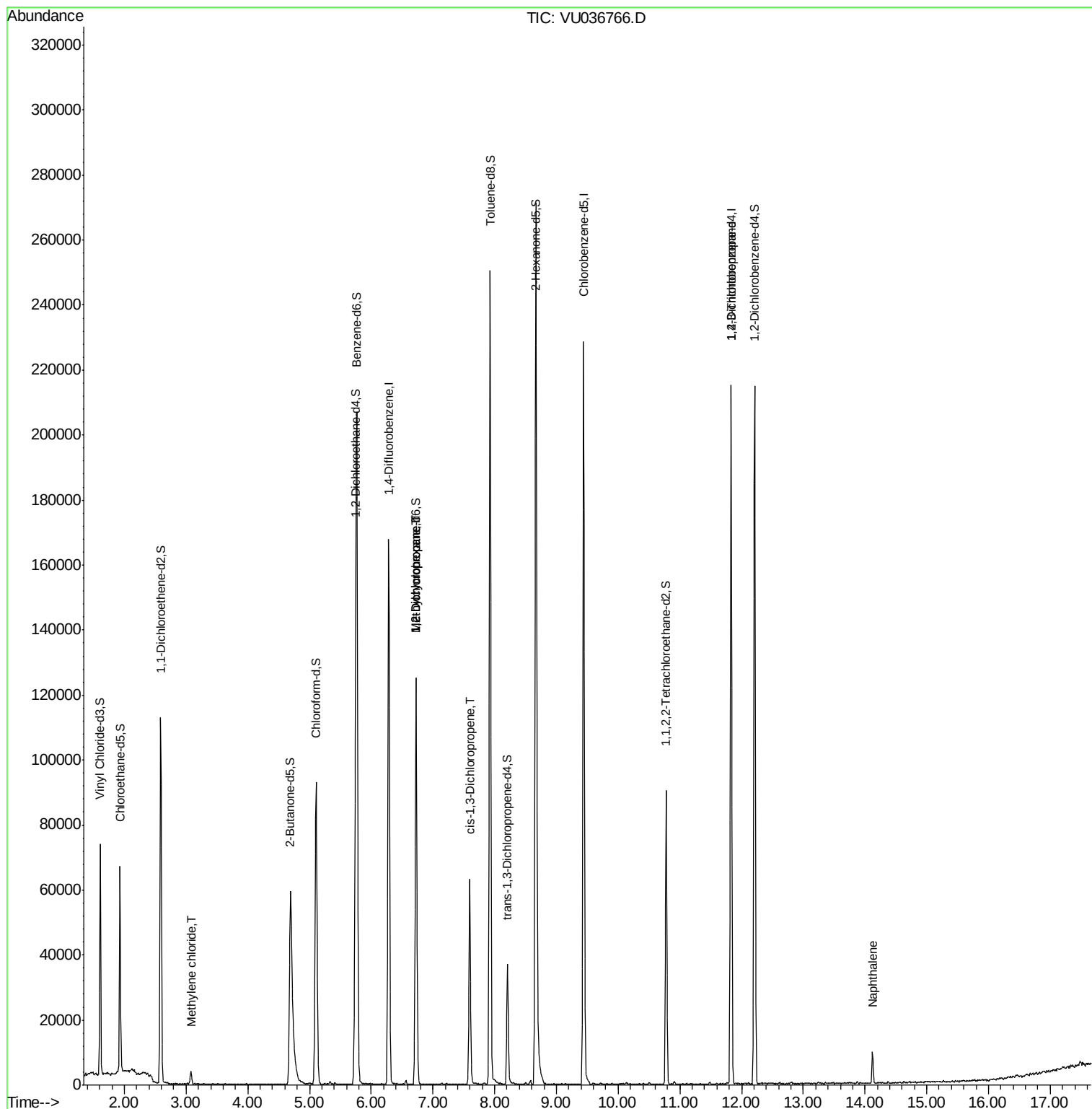
					Qvalue
16) Methylene chloride	3.08	84	1950	0.143 ug/L	95
35) Methylcyclohexane	6.73	83	13009	0.858 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6470	0.632 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	1578	0.106 ug/L #	59
59) 1,2,3-Trichloropropane	11.83	75	7556	1.118 ug/L #	85
69) Naphthalene	14.12	128	7899	0.466 ug/L	97

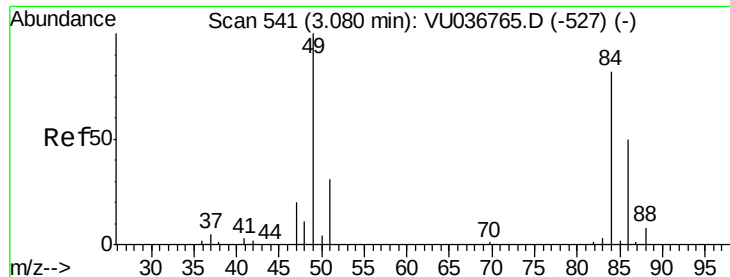
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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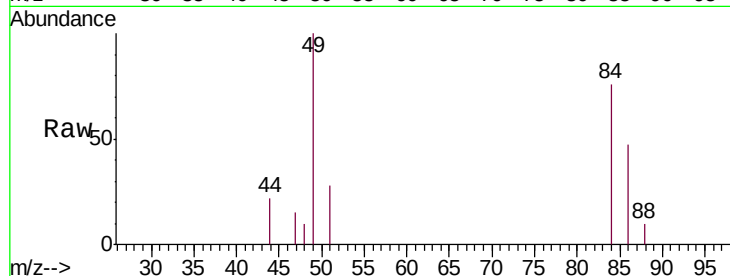




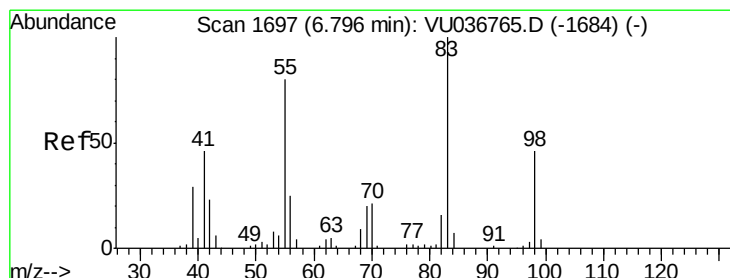
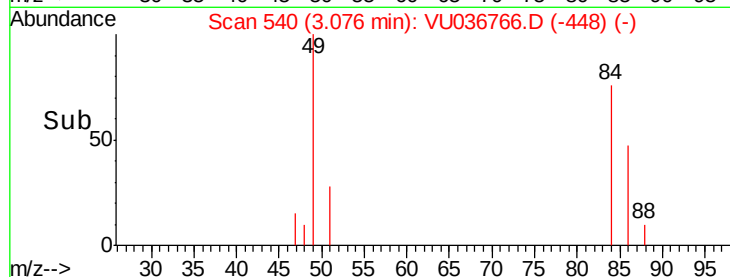
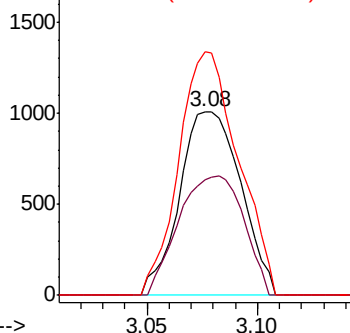
#16
Methylene chloride
Concen: 0.143 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU036766.D
Acq: 13 Feb 2020 12:46

Instrument :
MSVOA_U
ClientSampleId :
VBLK14

Tgt Ion: 84 Resp: 1950
Ion Ratio Lower Upper
84 100
86 62.8 44.7 82.9
49 132.4 86.7 160.9

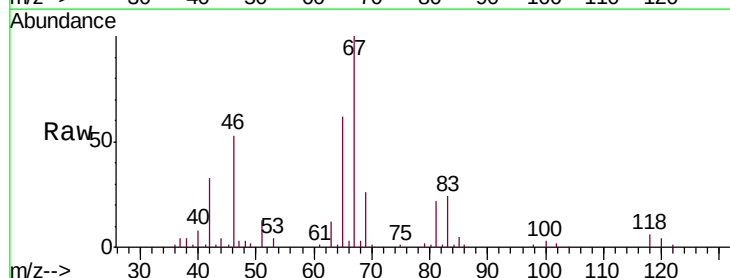


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

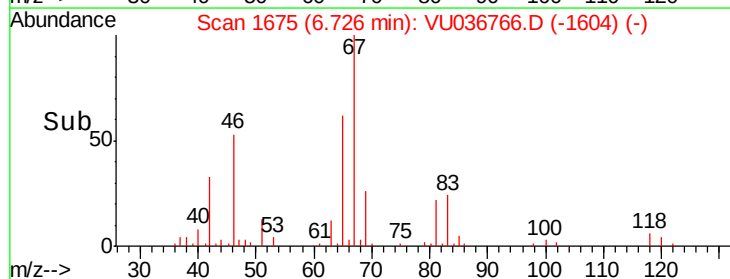
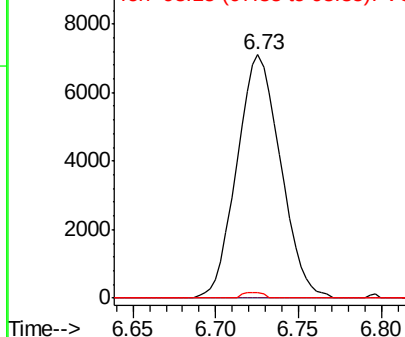


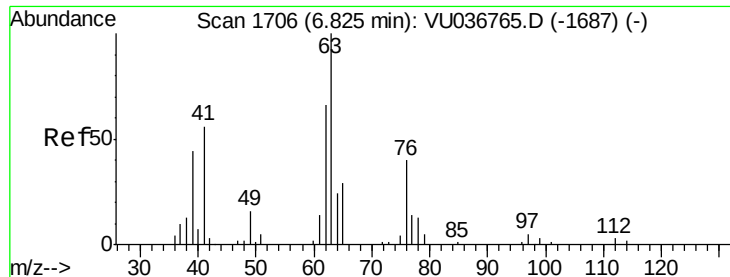
#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036766.D
Acq: 13 Feb 2020 12:46

Tgt Ion: 83 Resp: 13009
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 1.1 34.2 51.4#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

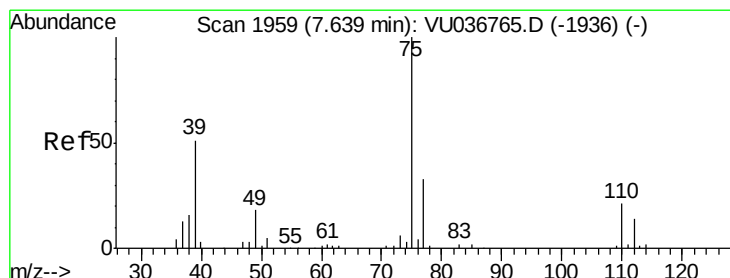
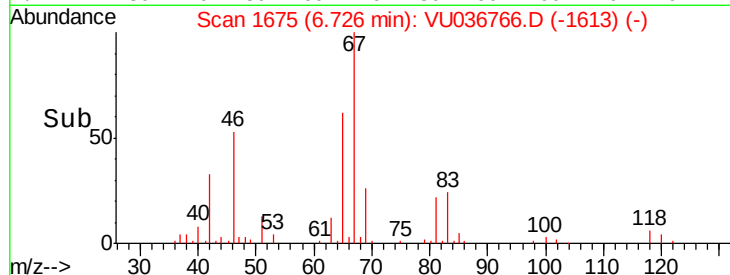
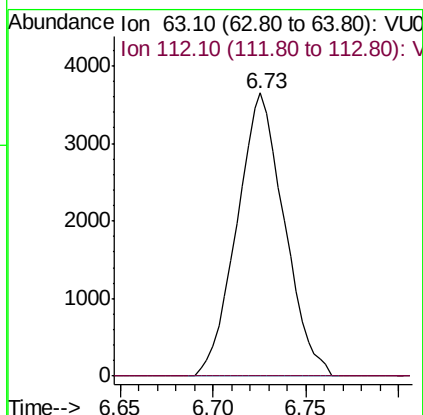
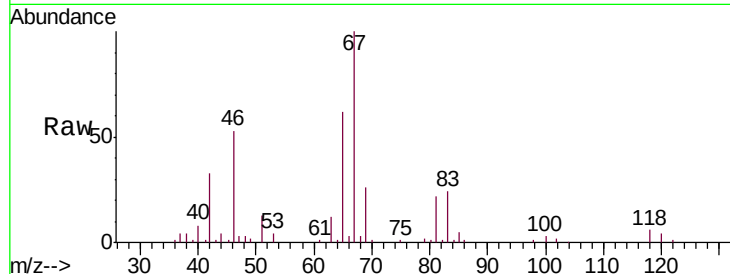




#37
 1,2-Dichloropropane
 Concen: 0.632 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036766.D
 Acq: 13 Feb 2020 12:46

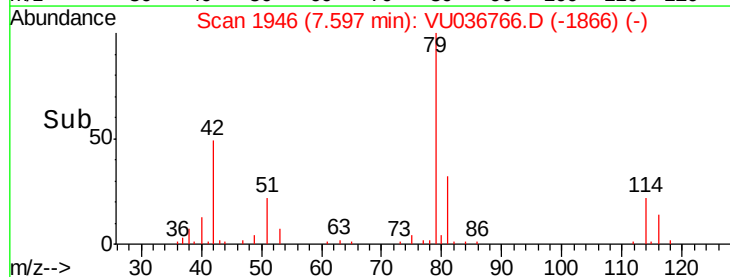
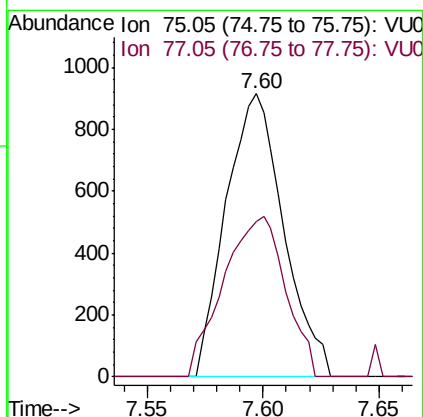
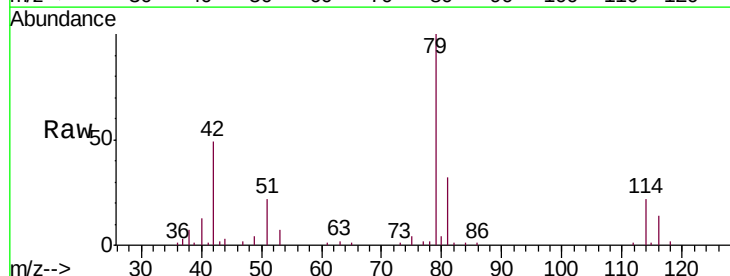
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK14

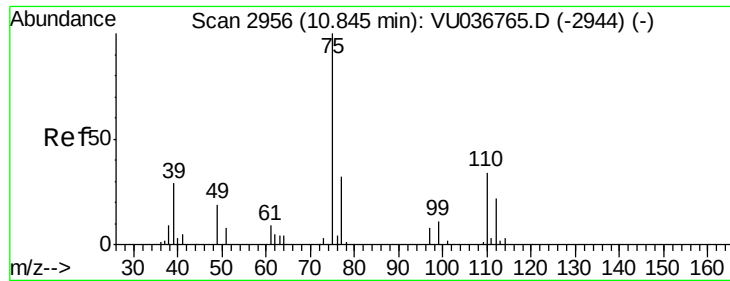
Tgt Ion: 63 Resp: 6470
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU036766.D
 Acq: 13 Feb 2020 12:46

Tgt Ion: 75 Resp: 1578
 Ion Ratio Lower Upper
 75 100
 77 55.1 22.5 41.9#





#59

1,2,3-Trichloropropane

Concen: 1.118 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU036766.D

Acq: 13 Feb 2020 12:46

Instrument :

MSVOA_U

ClientSampleId :

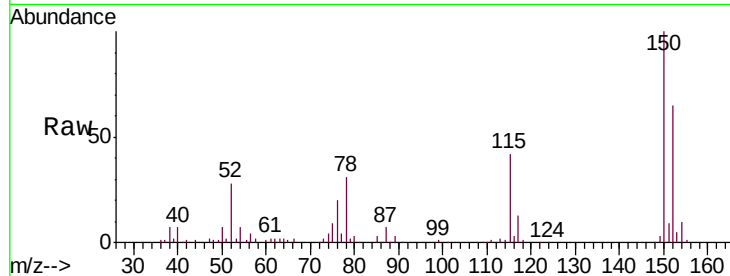
VBLK14

Tgt Ion: 75 Resp: 7556

Ion Ratio Lower Upper

75 100

77 40.2 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU036766.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU036766.D (-2944) (-)

11.83

4000

3000

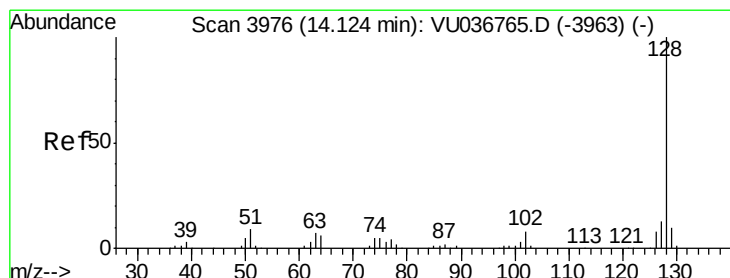
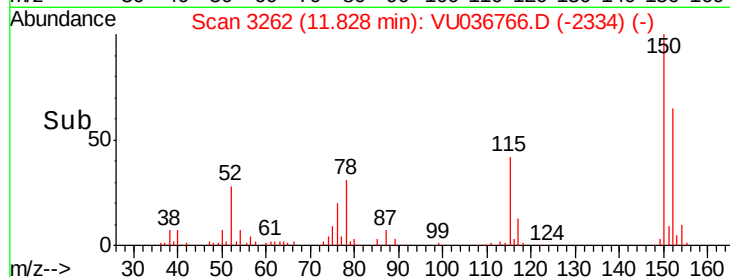
2000

1000

0

11.80 11.85

Time-->



#69

Naphthalene

Concen: 0.466 ug/L

RT: 14.12 min Scan# 3976

Delta R.T. -0.00 min

Lab File: VU036766.D

Acq: 13 Feb 2020 12:46

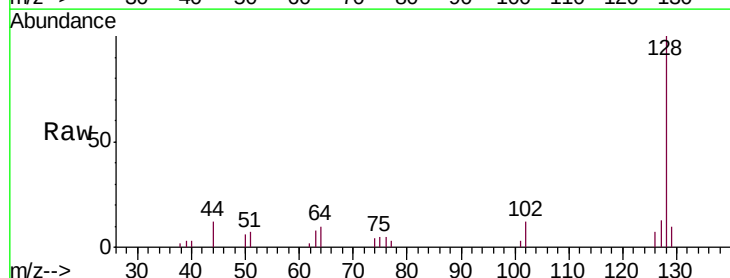
Tgt Ion: 128 Resp: 7899

Ion Ratio Lower Upper

128 100

129 9.3 9.0 13.4

127 12.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): VU036766.D (-3354) (-)

Ion 129.00 (128.70 to 129.70): VU036766.D (-3354) (-)

Ion 127.00 (126.70 to 127.70): VU036766.D (-3354) (-)

14.12

6000

5000

4000

3000

2000

1000

0

14.05 14.10 14.15

Time-->

