

Data File : VU036586.D
Acq On : 29 Jan 2020 12:08
Operator : JC/MD
Sample : L1271-07
Misc : 5.11g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GASZ8

Quant Time: Jan 30 02:50:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	288253	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	273689	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	127478	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93733	43.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.82%
7) Chloroethane-d5	1.89	69	22379	12.08	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	24.16%#
11) 1,1-Dichloroethene-d2	2.57	63	117023	33.52	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.04%
21) 2-Butanone-d5	4.68	46	105805	82.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.56%
24) Chloroform-d	5.11	84	151917	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.94%
26) 1,2-Dichloroethane-d4	5.74	65	98650	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.54%
32) Benzene-d6	5.76	84	350232	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
36) 1,2-Dichloropropane-d6	6.73	67	107889	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.94%
41) Toluene-d8	7.93	98	335259	45.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.52%
43) trans-1,3-Dichloropropene-	8.21	79	52672	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.68	63	112838	101.43	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.43%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	171278	48.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.12%
64) 1,2-Dichlorobenzene-d4	12.22	152	127816	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

Target Compounds

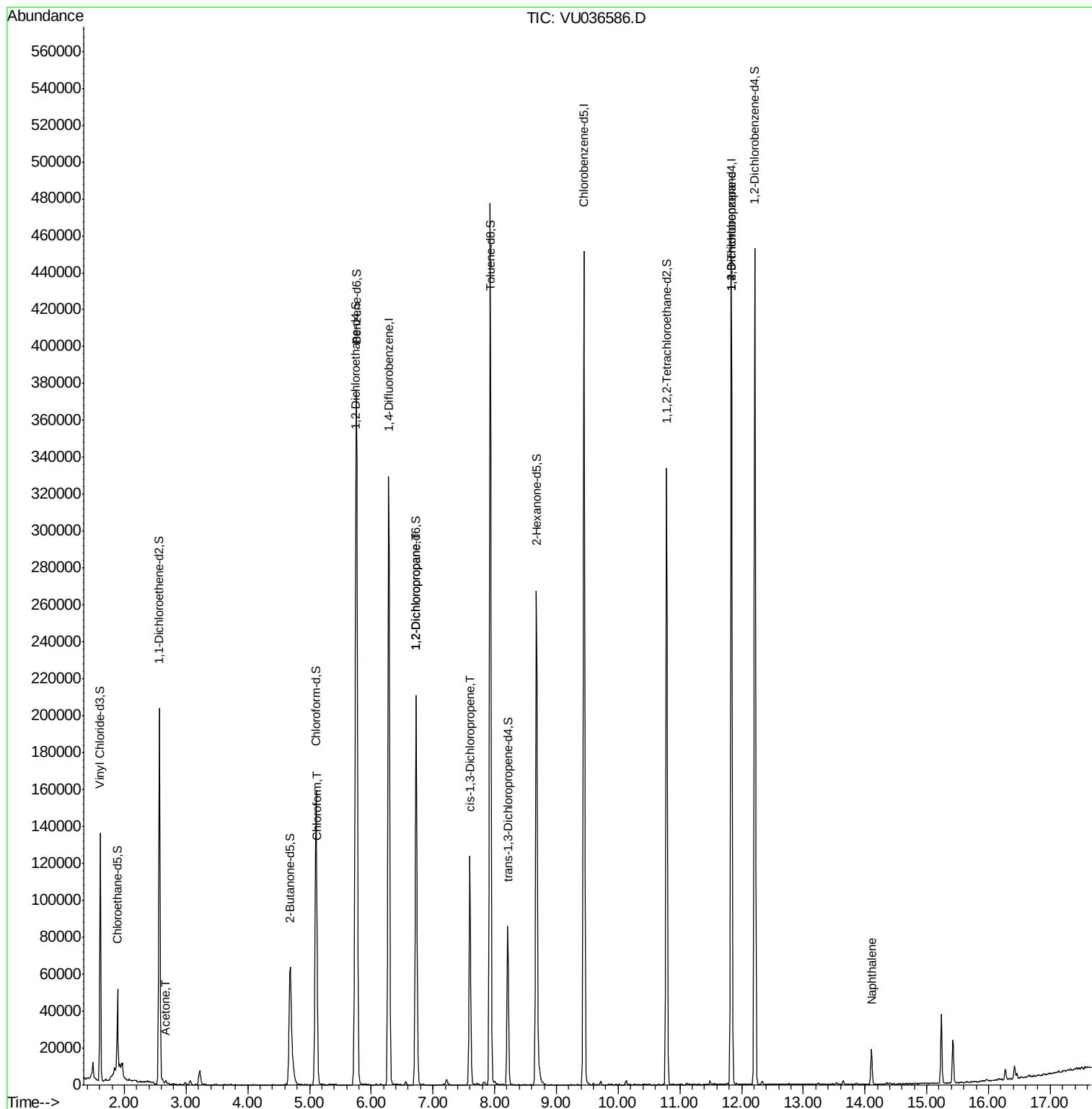
					Qvalue
13) Acetone	2.67	43	1965	1.584 ug/L	95
25) Chloroform	5.13	83	3876	1.101 ug/L	93
37) 1,2-Dichloropropane	6.73	63	11098	5.336 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2919	0.871 ug/L #	52
59) 1,2,3-Trichloropropane	11.83	75	13817	4.915 ug/L	92
69) Naphthalene	14.10	128	16243	2.651 ug/L	99

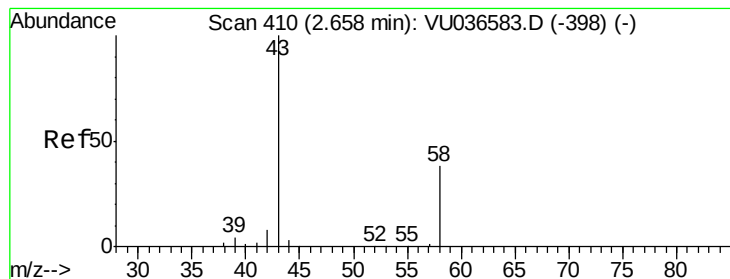
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.584 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU036586.D

Acq: 29 Jan 2020 12:08

Instrument :

MSVOA_U

ClientSampled :

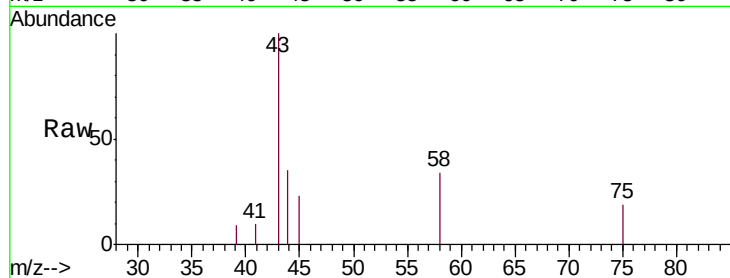
GASZ8

Tgt Ion: 43 Resp: 1965

Ion Ratio Lower Upper

43 100

58 34.8 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036586.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036586.D (-317) (-)

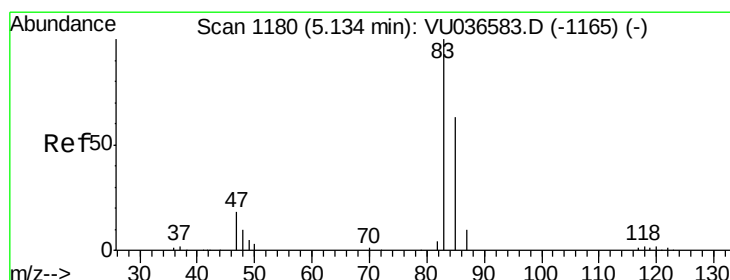
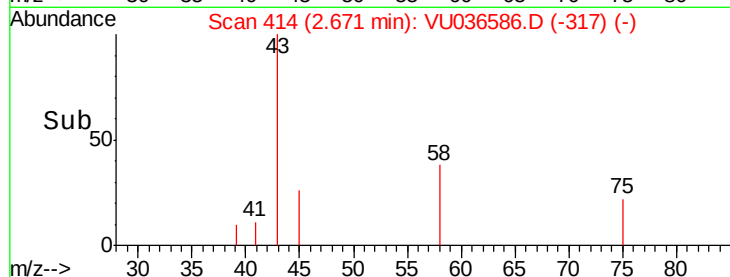
2.67

1000

500

0

Time-->



#25

Chloroform

Concen: 1.101 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VU036586.D

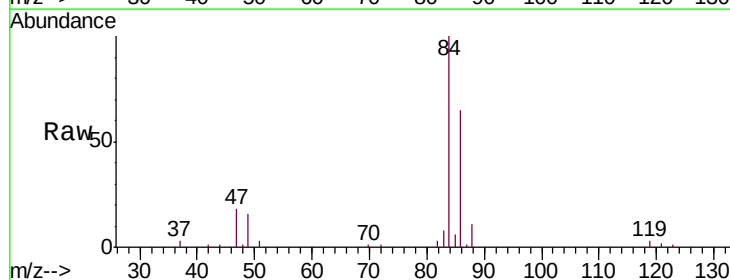
Acq: 29 Jan 2020 12:08

Tgt Ion: 83 Resp: 3876

Ion Ratio Lower Upper

83 100

85 71.4 46.3 85.9



Abundance Ion 83.00 (82.70 to 83.70): VU036586.D (-1087) (-)

Ion 85.00 (84.70 to 85.70): VU036586.D (-1087) (-)

5.13

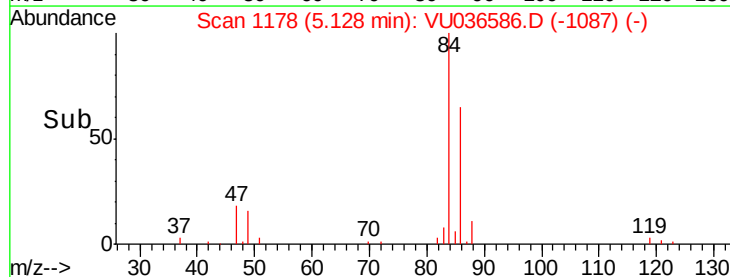
1500

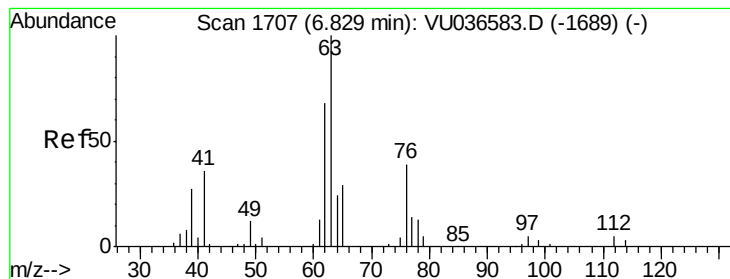
1000

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0

Time-->





#37

1,2-Dichloropropane

Concen: 5.336 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU036586.D

Acq: 29 Jan 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

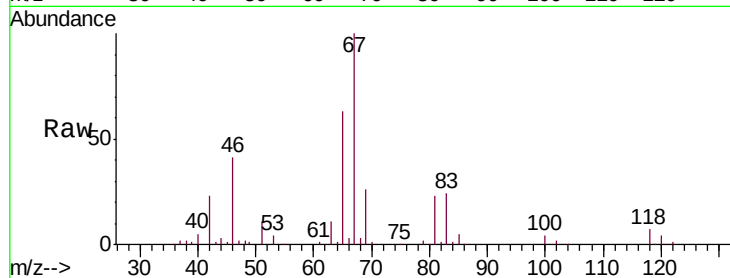
GASZ8

Tgt Ion: 63 Resp: 11098

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU036583.D (-1689) (-)

Ion 112.00 (111.70 to 112.70): VU036583.D (-1689) (-)

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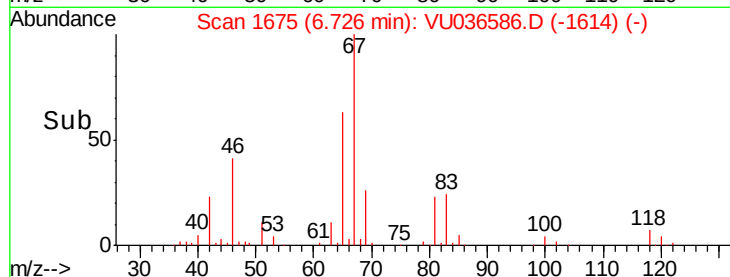
6.73

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#39

cis-1,3-Dichloropropene

Concen: 0.871 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.05 min

Lab File: VU036586.D

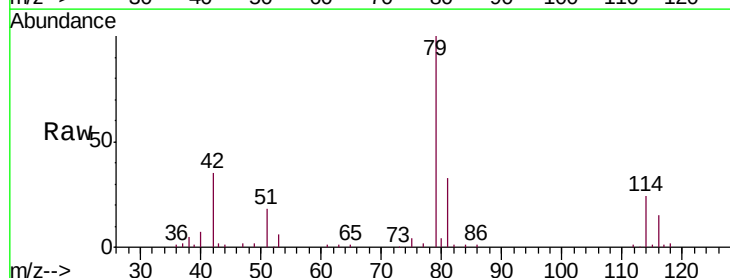
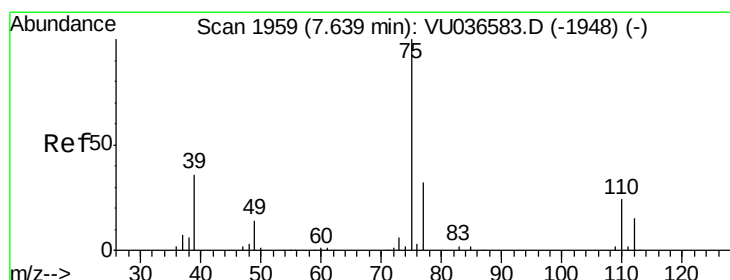
Acq: 29 Jan 2020 12:08

Tgt Ion: 75 Resp: 2919

Ion Ratio Lower Upper

75 100

77 59.1 22.5 41.9#



Abundance Ion 75.00 (74.70 to 75.70): VU036583.D (-1948) (-)

Ion 77.00 (76.70 to 77.70): VU036583.D (-1948) (-)

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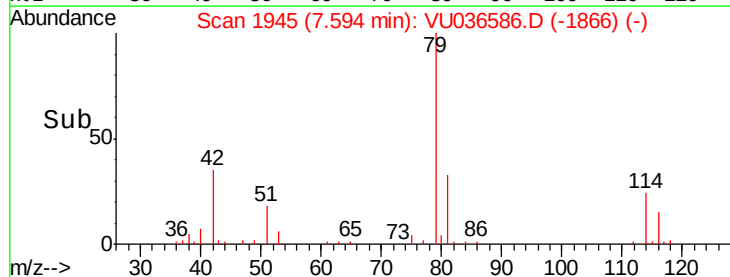
7.59

7.59

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7.59



#39

cis-1,3-Dichloropropene

Concen: 0.871 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.05 min

Lab File: VU036586.D

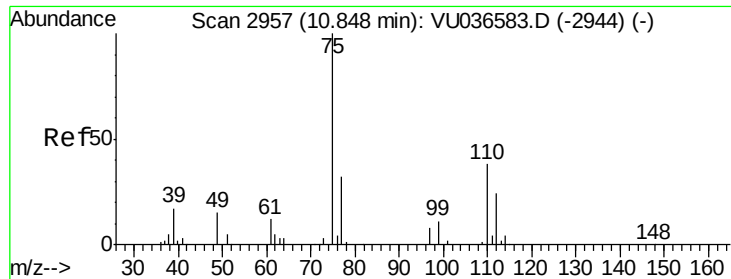
Acq: 29 Jan 2020 12:08

Tgt Ion: 75 Resp: 2919

Ion Ratio Lower Upper

75 100

77 59.1 22.5 41.9#



#59

1,2,3-Trichloropropane

Concen: 4.915 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036586.D

Acq: 29 Jan 2020 12:08

Instrument :

MSVOA_U

ClientSampled :

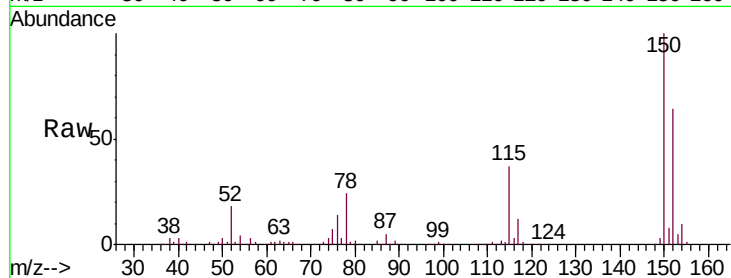
GASZ8

Tgt Ion: 75 Resp: 13817

Ion Ratio Lower Upper

75 100

77 37.1 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU036586.D (-2335) (-)

Ion 77.00 (76.70 to 77.70): VU036586.D (-2335) (-)

11.83

8000

6000

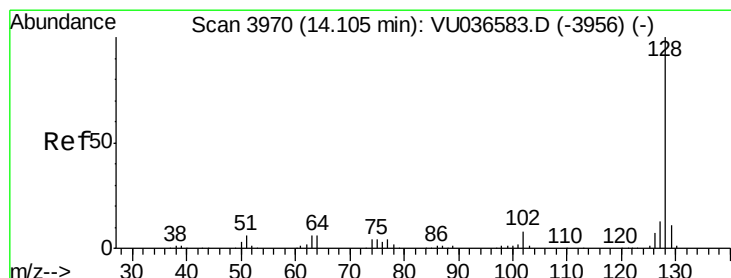
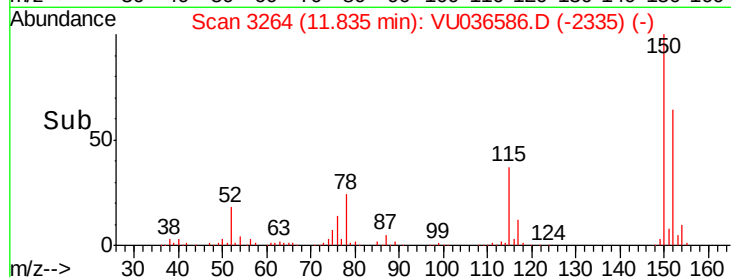
4000

2000

0

11.80 11.85

Time-->



#69

Naphthalene

Concen: 2.651 ug/L

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036586.D

Acq: 29 Jan 2020 12:08

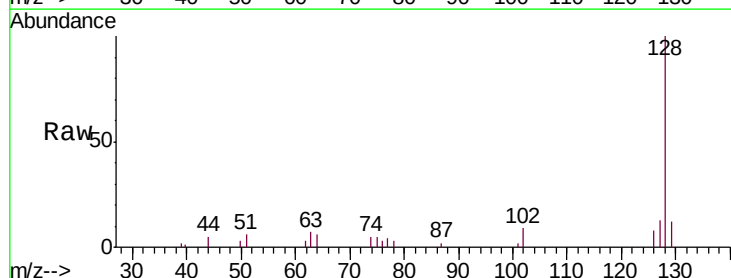
Tgt Ion: 128 Resp: 16243

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): VU036586.D (-3348) (-)

Ion 127.00 (126.70 to 127.70): VU036586.D (-3348) (-)

Ion 129.00 (128.70 to 129.70): VU036586.D (-3348) (-)

14.10

10000

5000

0

14.05 14.10 14.15

Time-->

