

Data File : VV010736.D
Acq On : 08 May 2019 19:48
Operator : SY/MD
Sample : K2633-18RE
Misc : 5.03G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJB0

Quant Time: May 09 02:59:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	95593	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	95083	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39894	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27317	18.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.56%
7) Chloroethane-d5	1.58	69	25059	20.51	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
10) 1,1-Dichloroethene-d2	2.13	63	44669	13.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.48%
20) 2-Butanone-d5	3.94	46	12710	28.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.04%
24) Chloroform-d	4.40	84	53955	20.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.08	65	32579	20.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.08%
29) Benzene-d6	5.10	84	105078	21.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.00%
33) 1,2-Dichloropropane-d6	6.12	67	35319	22.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.60%
37) Toluene-d8	7.36	98	98191	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.96%
38) trans-1,3-Dichloropropene-	7.66	79	13072	17.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.92%
39) 2-Hexanone-d5	8.13	63	10433	31.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.52%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25542	17.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	34809	22.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.12%

Target Compounds

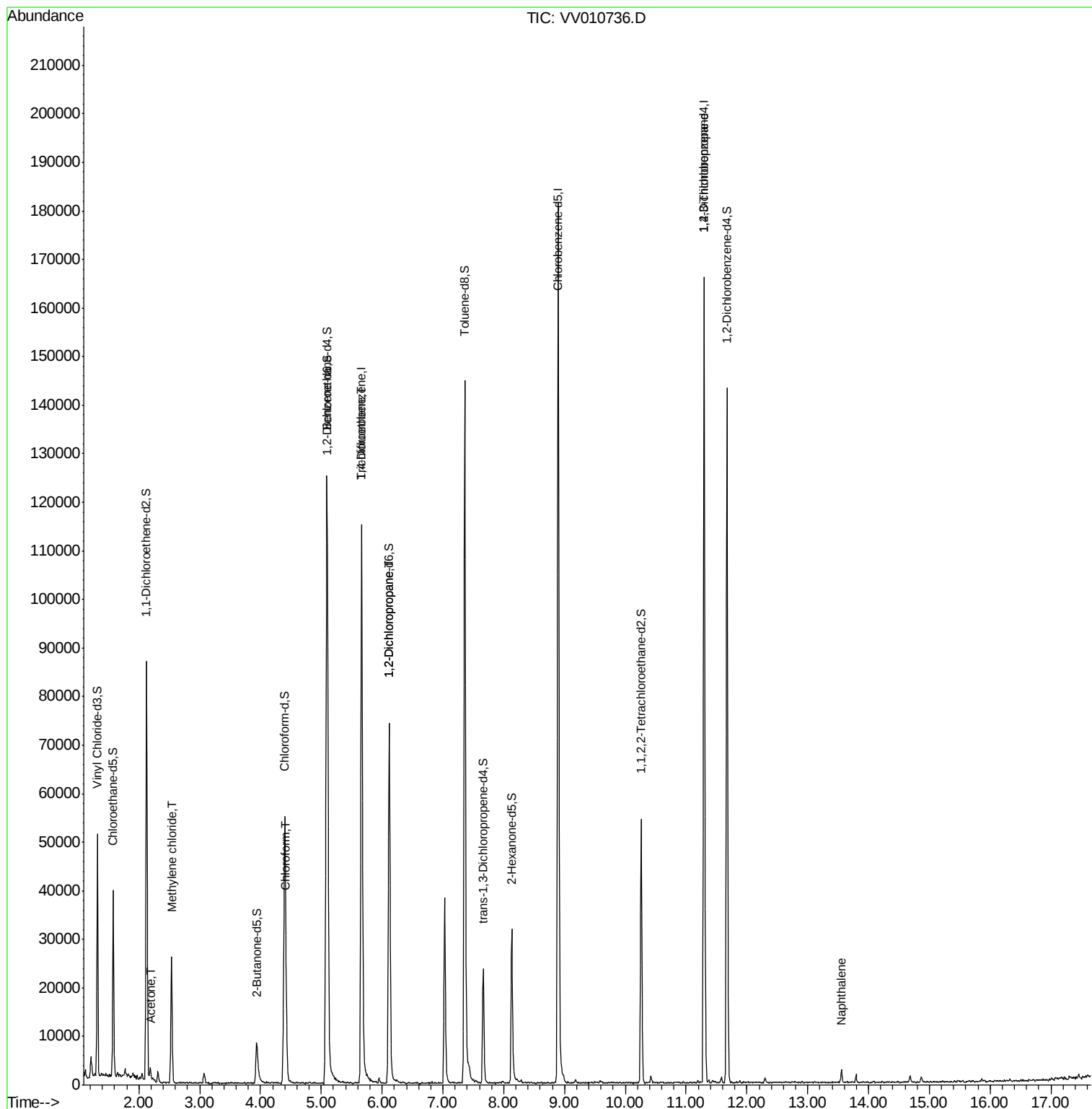
					Qvalue
13) Acetone	2.19	43	1097	1.590 ug/L	94
16) Methylene chloride	2.54	84	9984	6.755 ug/L	98
25) Chloroform	4.43	83	2157	0.746 ug/L #	54
35) Trichloroethene	5.67	95	3129	2.001 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	4177	2.813 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	5679	4.553 ug/L #	87
69) Naphthalene	13.55	128	2275	0.687 ug/L #	96

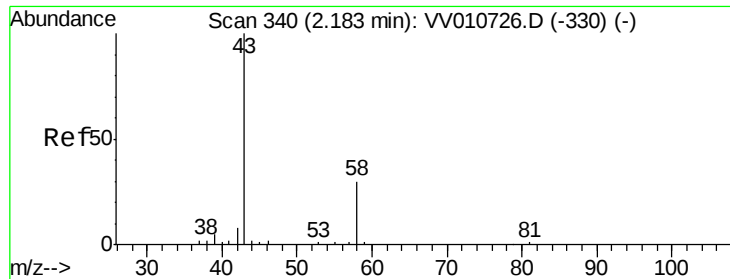
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.590 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

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MSVOA_V

ClientSampleId :

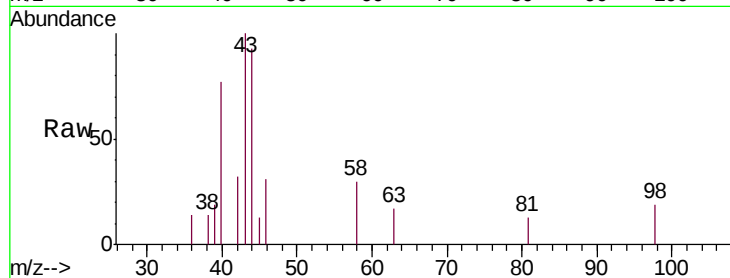
GAJB0

Tgt Ion: 43 Resp: 1097

Ion Ratio Lower Upper

43 100

58 28.2 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010736.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010736.D (-330) (-)

2.19

800

600

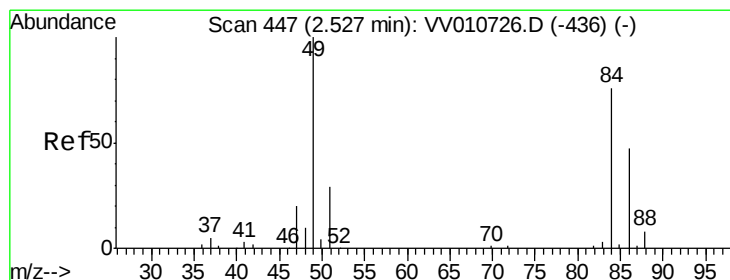
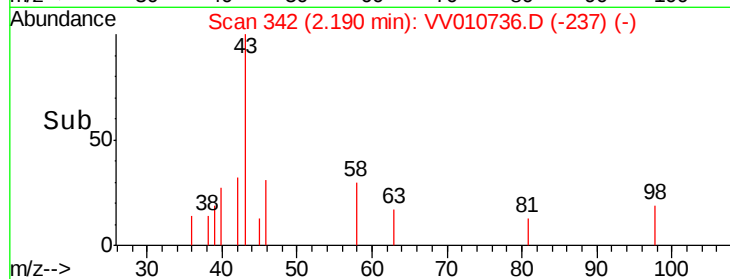
400

200

0

2.16 2.18 2.20 2.22

Time-->



#16

Methylene chloride

Concen: 6.755 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

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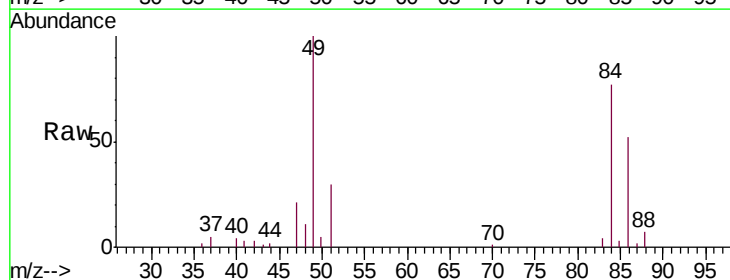
Tgt Ion: 84 Resp: 9984

Ion Ratio Lower Upper

84 100

49 129.6 92.9 172.5

86 67.0 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010736.D (-344) (-)

Ion 49.00 (48.70 to 49.70): VV010736.D (-344) (-)

Ion 86.00 (85.70 to 86.70): VV010736.D (-344) (-)

10000

8000

6000

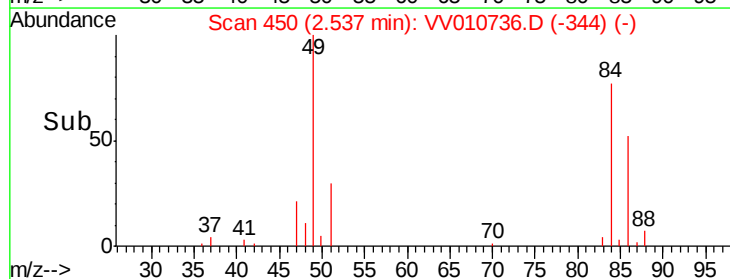
4000

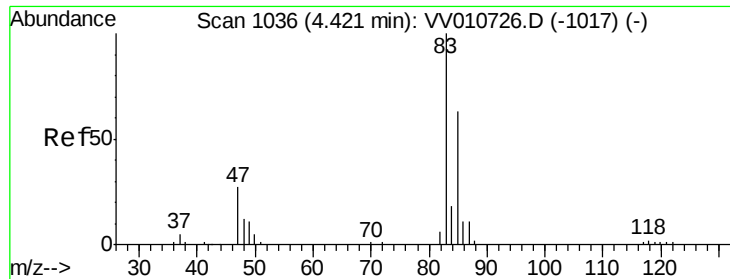
2000

0

2.50 2.55 2.60

Time-->





#25

Chloroform

Concen: 0.746 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

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ClientSampleId :

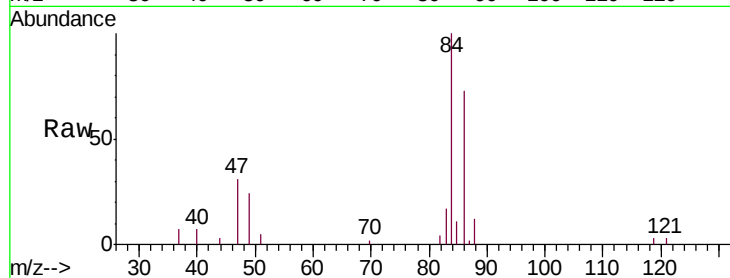
GAJB0

Tgt Ion: 83 Resp: 2157

Ion Ratio Lower Upper

83 100

85 99.4 44.6 82.8#

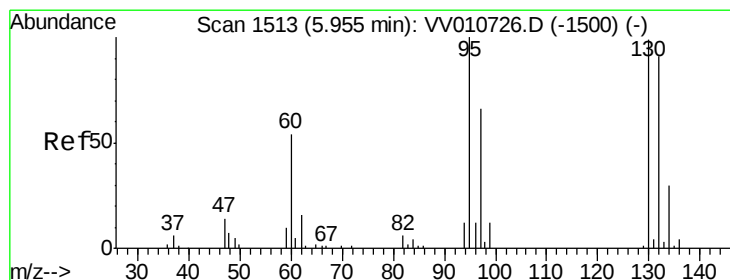
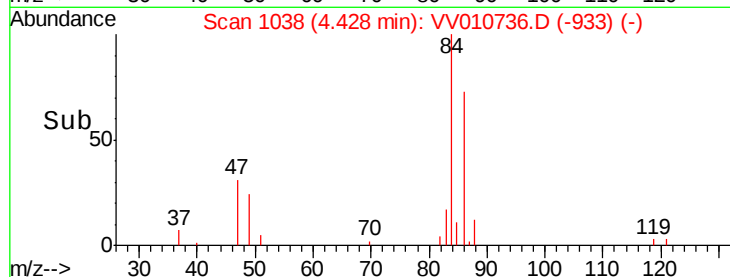
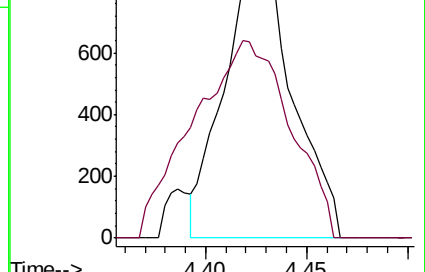


Abundance Ion 83.00 (82.70 to 83.70): VV010726.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV010726.D (-1017) (-)

4.43

4.40 4.45



#35

Trichloroethene

Concen: 2.001 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV010736.D

Acq: 08 May 2019 19:48

Tgt Ion: 95 Resp: 3129

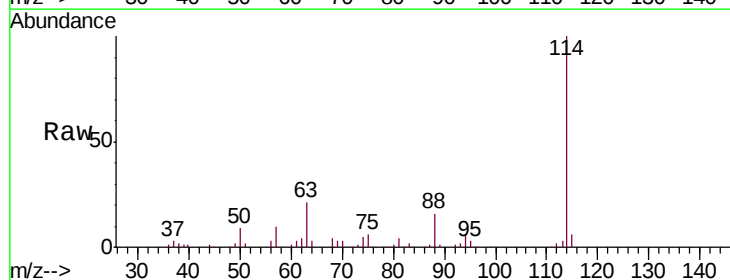
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



Abundance Ion 95.00 (94.70 to 95.70): VV010726.D (-1500) (-)

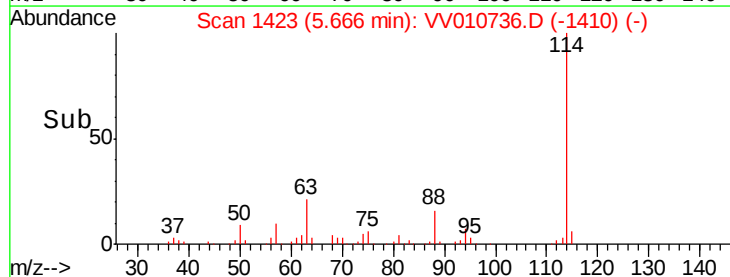
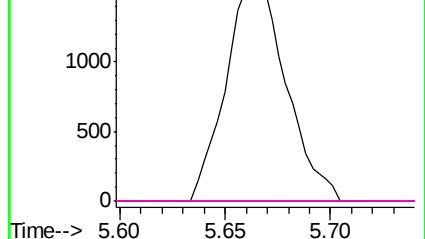
Ion 97.00 (96.70 to 97.70): VV010726.D (-1500) (-)

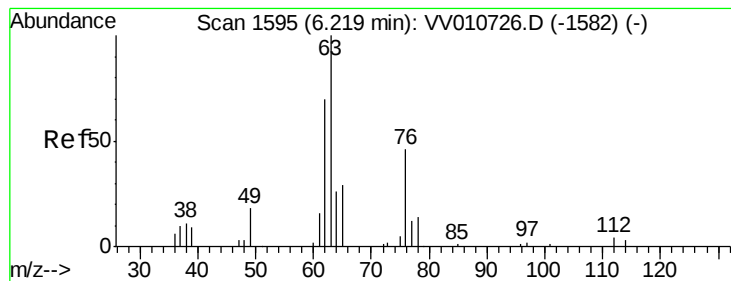
Ion 132.00 (131.70 to 132.70): VV010726.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV010726.D (-1500) (-)

5.67

5.60 5.65 5.70





#40

1,2-Dichloropropane

Concen: 2.813 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV010736.D

Acq: 08 May 2019 19:48

Instrument :

MSVOA_V

ClientSampled :

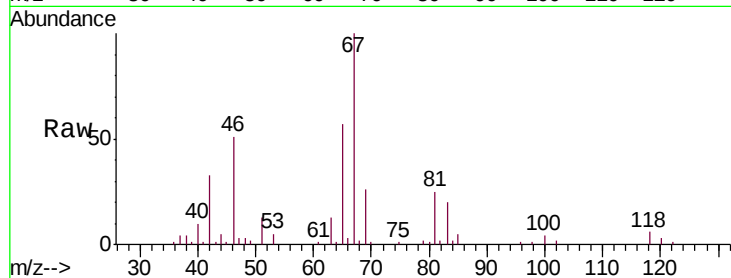
GAJB0

Tgt Ion: 63 Resp: 4177

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV010726.D (-1582) (-)

Ion 112.00 (111.70 to 112.70): VV010726.D (-1582) (-)

6.12

2500

2000

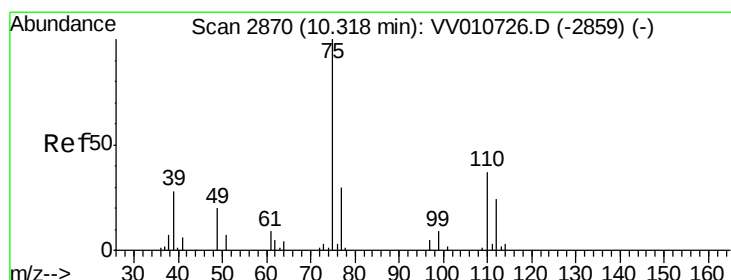
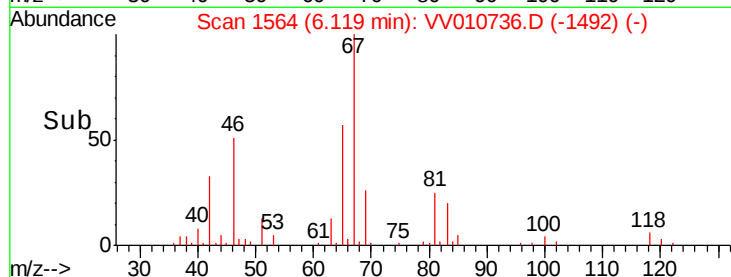
1500

1000

500

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.553 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010736.D

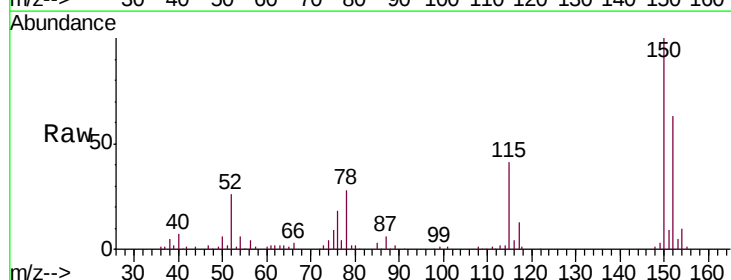
Acq: 08 May 2019 19:48

Tgt Ion: 75 Resp: 5679

Ion Ratio Lower Upper

75 100

77 38.7 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV010726.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV010726.D (-2859) (-)

11.30

4000

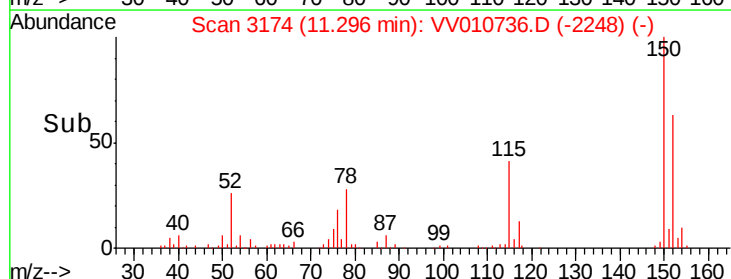
3000

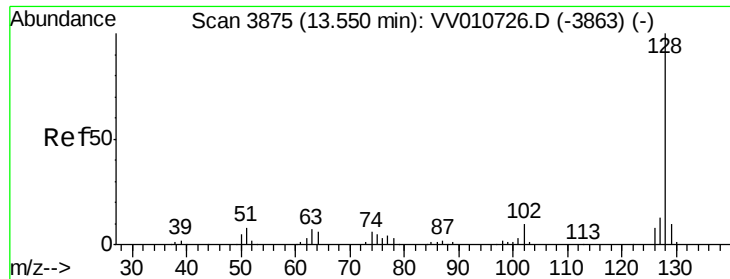
2000

1000

0

Time-->





#69

Naphthalene

Concen: 0.687 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

Lab File: VV010736.D

Acq: 08 May 2019 19:48

Instrument :

MSVOA_V

ClientSampleId :

GAJB0

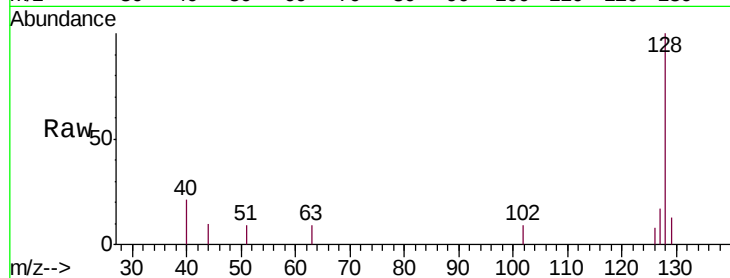
Tgt Ion:128 Resp: 2275

Ion Ratio Lower Upper

128 100

129 7.4 8.3 12.5#

127 14.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

2000 Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

