

Data File : VV010013.D
Acq On : 29 Mar 2019 20:23
Operator : SY/MD
Sample : K2128-17
Misc : 4.85G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0G7

Quant Time: Mar 30 04:19:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	148972	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145082	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59860	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67351	22.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.12%
7) Chloroethane-d5	1.57	69	77947	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.48%
10) 1,1-Dichloroethene-d2	2.00	63	147	0.02	ug/L	-0.13
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	3.93	46	30477	54.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.20%
24) Chloroform-d	4.40	84	82044	21.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.48%
26) 1,2-Dichloroethane-d4	5.08	65	60892	26.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.64%
29) Benzene-d6	5.10	84	197473	25.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.68%
33) 1,2-Dichloropropane-d6	6.12	67	62447	28.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.08%
37) Toluene-d8	7.36	98	173263	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.12%
38) trans-1,3-Dichloropropene-	7.66	79	19177	21.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.12%
39) 2-Hexanone-d5	8.13	63	21706	52.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52487	23.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	58328	25.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.36%

Target Compounds

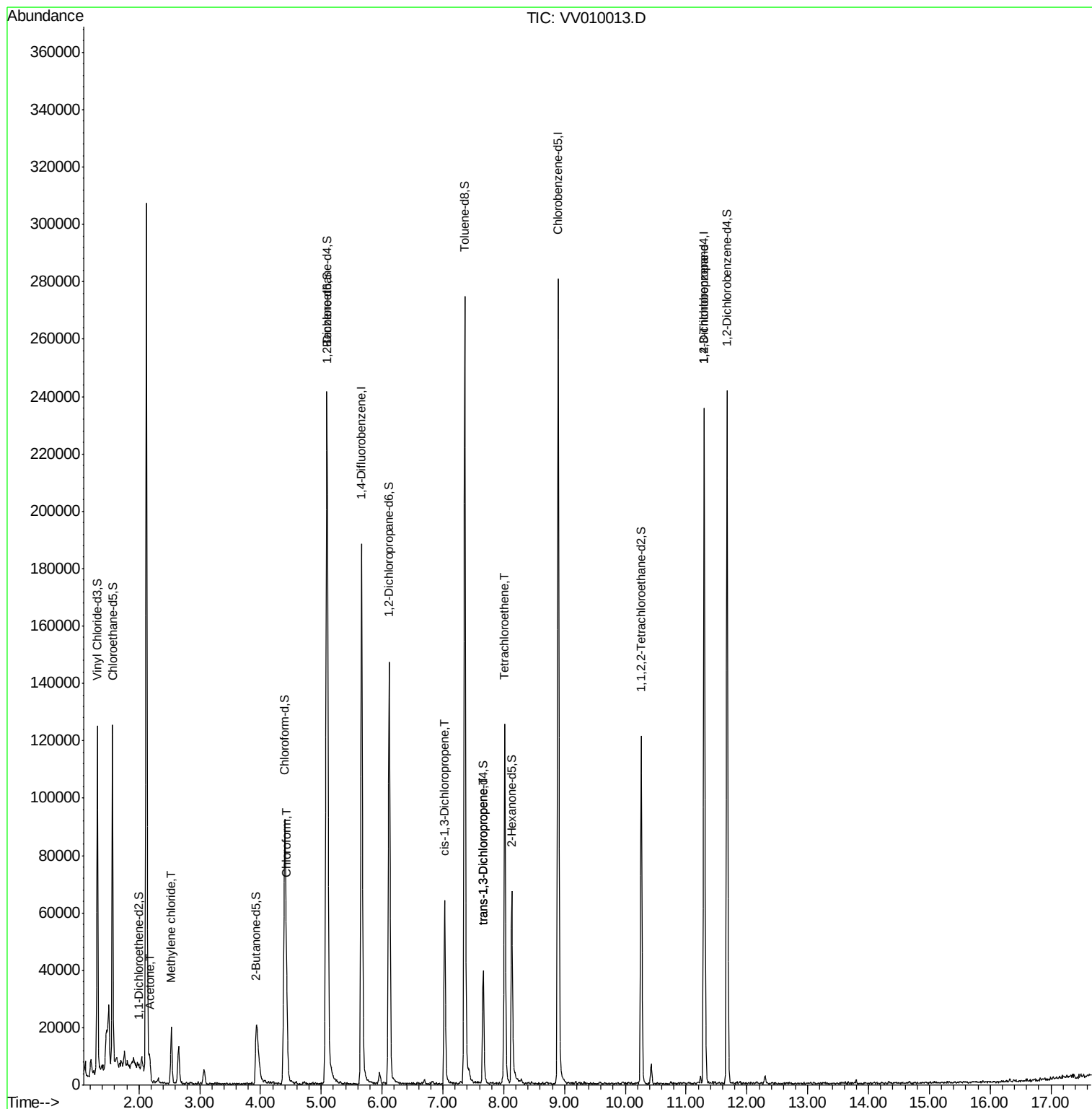
						Qvalue
13) Acetone	2.18	43	2754	3.229	ug/L	97
16) Methylene chloride	2.53	84	7610	3.102	ug/L	93
25) Chloroform	4.43	83	22059	5.589	ug/L	93
42) cis-1,3-Dichloropropene	7.03	75	2257	0.778	ug/L #	34
45) trans-1,3-Dichloropropene	7.66	75	1188	0.500	ug/L	97
47) Tetrachloroethene	8.02	164	23927	14.429	ug/L	97
59) 1,2,3-Trichloropropane	11.30	75	9508	5.936	ug/L	91

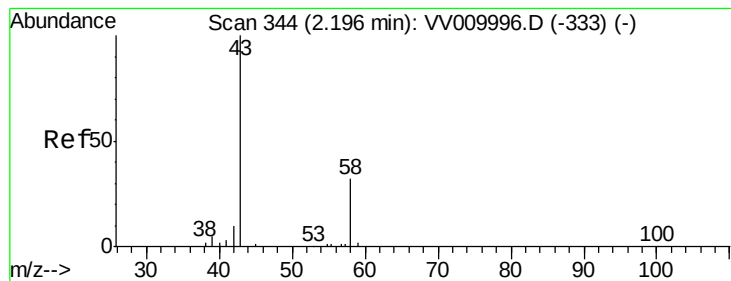
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.229 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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ClientSampleId :

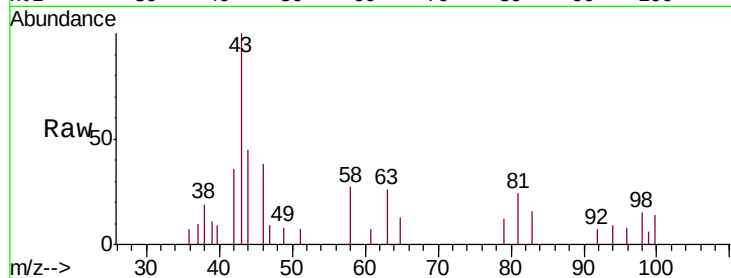
BF0G7

Tgt Ion: 43 Resp: 2754

Ion Ratio Lower Upper

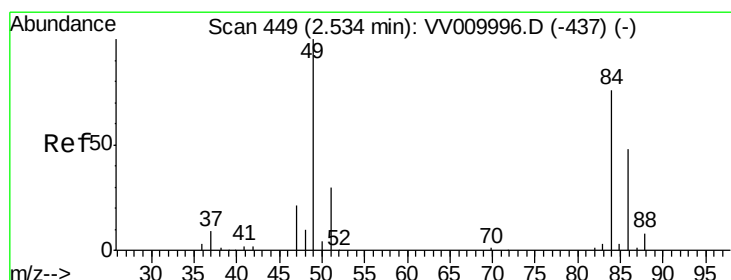
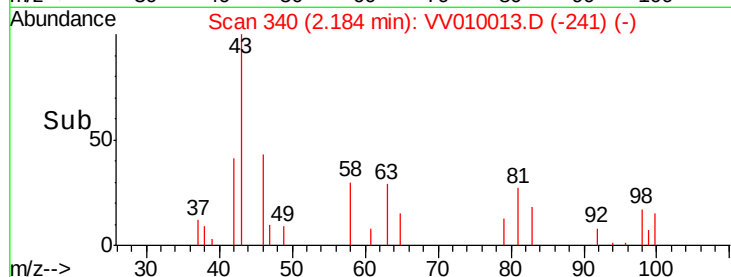
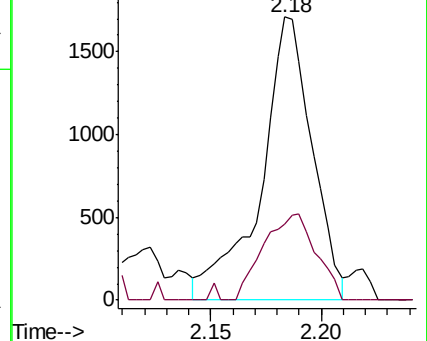
43 100

58 31.4 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 3.102 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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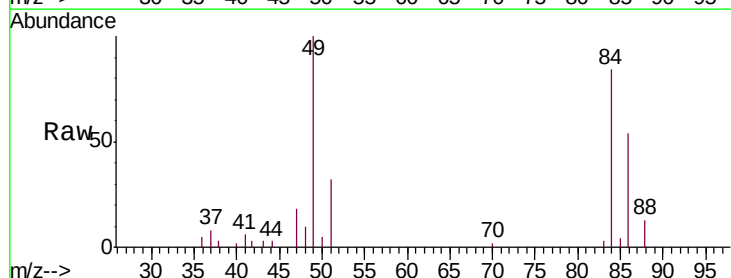
Tgt Ion: 84 Resp: 7610

Ion Ratio Lower Upper

84 100

49 118.5 90.4 167.8

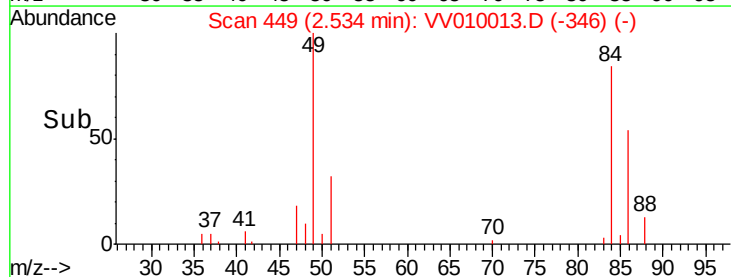
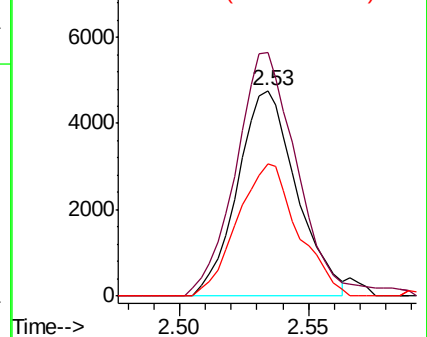
86 64.4 44.0 81.6

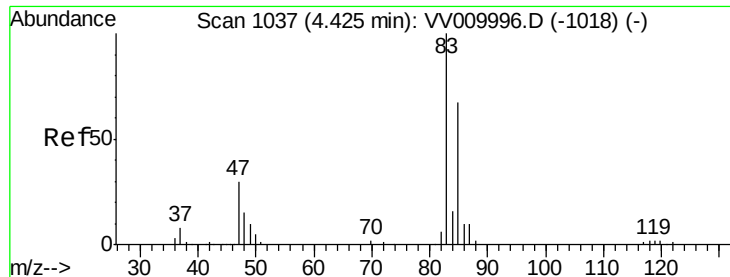


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0





#25

Chloroform

Concen: 5.589 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

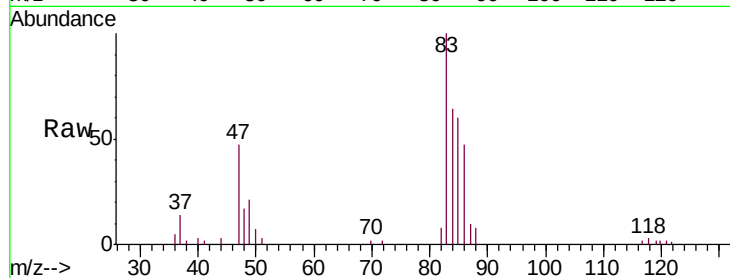
BF0G7

Tgt Ion: 83 Resp: 22059

Ion Ratio Lower Upper

83 100

85 71.6 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.43

10000

8000

6000

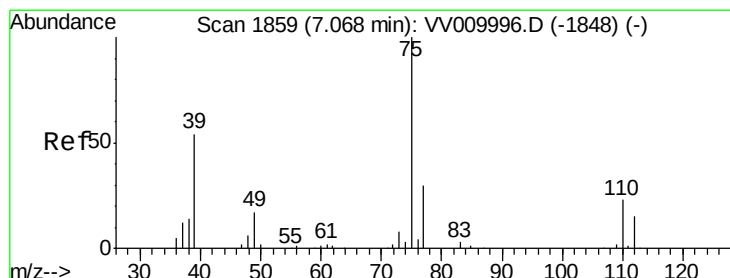
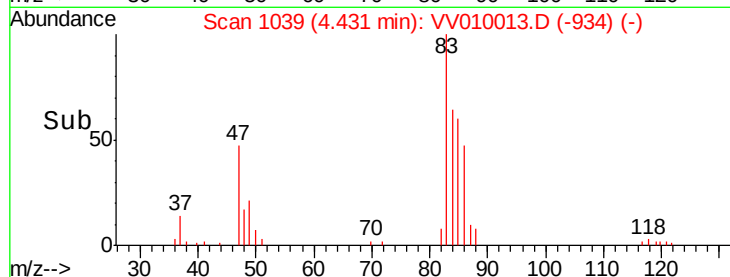
4000

2000

0

Time-->

4.35 4.40 4.45 4.50



#42

cis-1,3-Dichloropropene

Concen: 0.778 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV010013.D

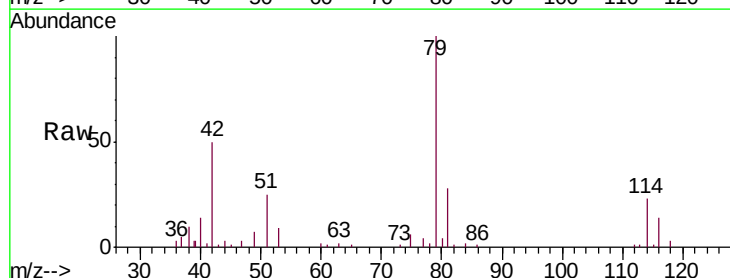
Acq: 29 Mar 2019 20:23

Tgt Ion: 75 Resp: 2257

Ion Ratio Lower Upper

75 100

77 67.4 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.03

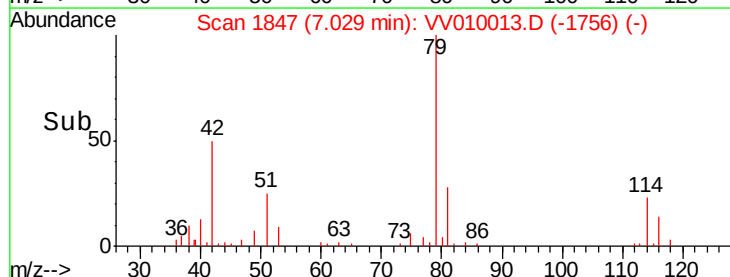
1000

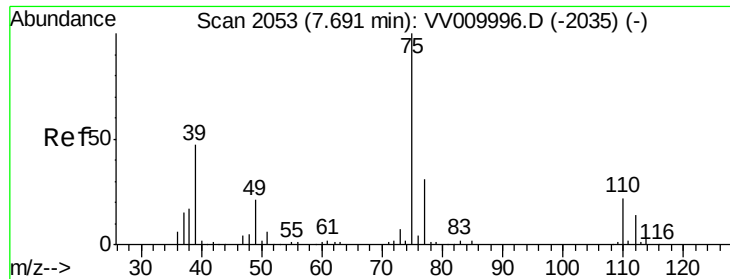
500

0

Time-->

7.00 7.05





#45

trans-1,3-Dichloropropene

Concen: 0.500 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV010013.D

Acq: 29 Mar 2019 20:23

Instrument :

MSVOA_V

ClientSampleId :

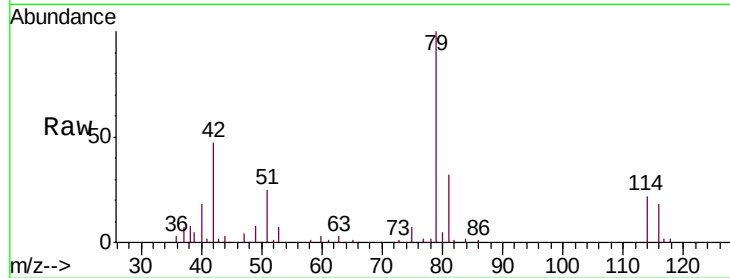
BF0G7

Tgt Ion: 75 Resp: 1188

Ion Ratio Lower Upper

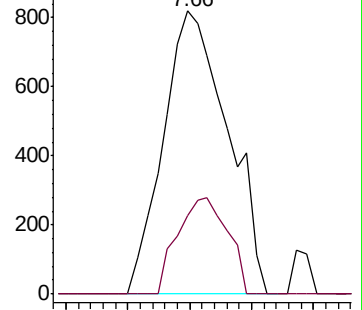
75 100

77 27.8 20.7 38.5

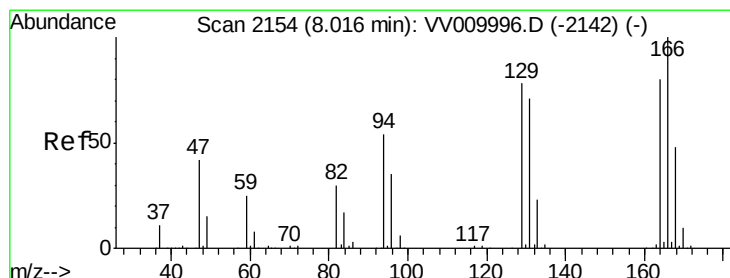
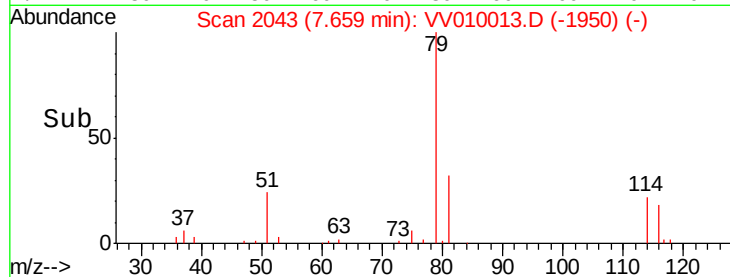


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



Time-->



#47

Tetrachloroethene

Concen: 14.429 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010013.D

Acq: 29 Mar 2019 20:23

Tgt Ion:164 Resp: 23927

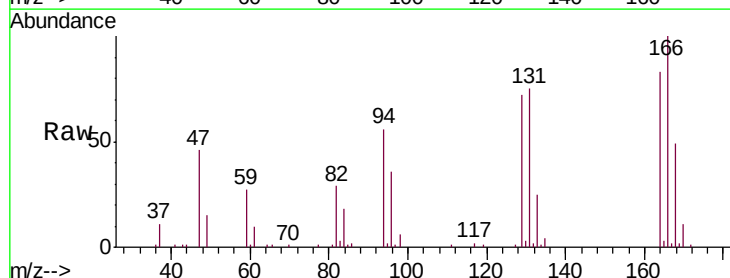
Ion Ratio Lower Upper

164 100

129 86.9 64.9 120.5

131 90.0 62.0 115.2

166 120.5 82.9 153.9

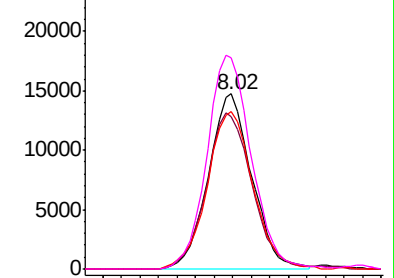


Abundance Ion 164.00 (163.70 to 164.70): V

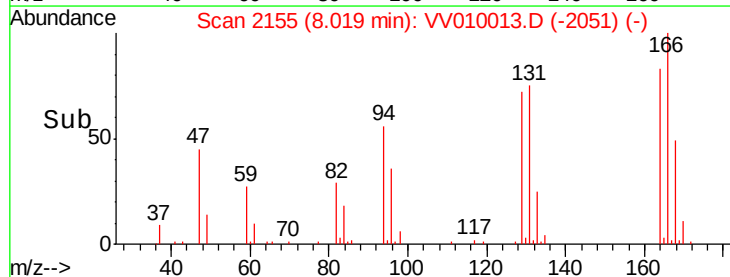
Ion 129.00 (128.70 to 129.70): V

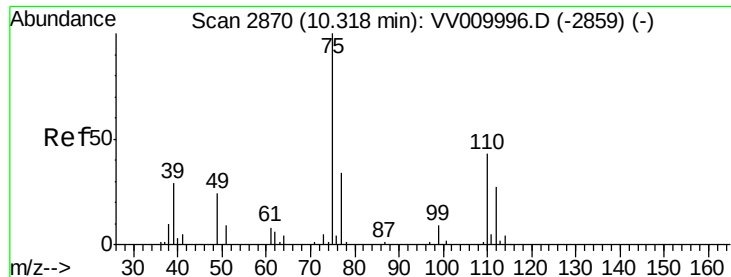
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->





#59

1,2,3-Trichloropropane

Concen: 5.936 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010013.D

Acq: 29 Mar 2019 20:23

Instrument :

MSVOA_V

ClientSampleId :

BF0G7

Tgt Ion: 75 Resp: 9508

Ion Ratio Lower Upper

75 100

77 37.6 26.2 39.2

