

Data File : VV009598.D
Acq On : 11 Mar 2019 16:43
Operator : SY/MD
Sample : VIBLK82
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK82

Quant Time: Mar 12 04:15:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 12 04:11:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	144389	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	139631	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64005	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31543	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.60%
7) Chloroethane-d5	1.57	69	43523	17.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.24%
10) 1,1-Dichloroethene-d2	2.13	63	70427	15.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.28%
20) 2-Butanone-d5	3.95	46	22589	38.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.28%
24) Chloroform-d	4.40	84	75462	21.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.76%
26) 1,2-Dichloroethane-d4	5.08	65	47126	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.32%
29) Benzene-d6	5.10	84	149371	21.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.40%
33) 1,2-Dichloropropane-d6	6.12	67	48080	23.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.24%
37) Toluene-d8	7.36	98	143555	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.16%
38) trans-1,3-Dichloropropene-	7.66	79	18486	18.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.76%
39) 2-Hexanone-d5	8.14	63	18344	38.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42701	19.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.52%
61) 1,2-Dichlorobenzene-d4	11.68	152	49920	21.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.48%

Target Compounds

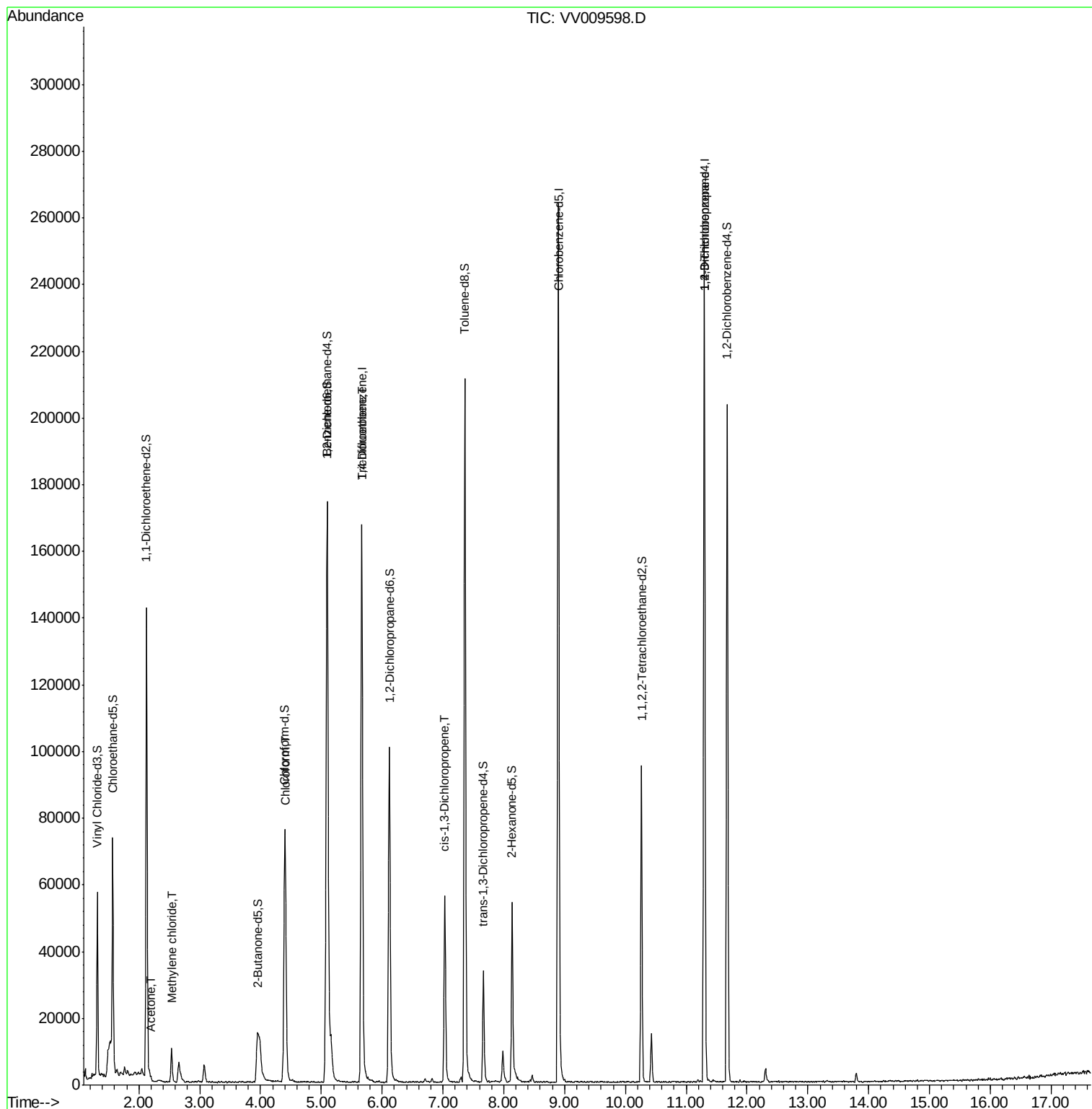
					Qvalue
13) Acetone	2.20	43	487	0.809 ug/L	75
16) Methylene chloride	2.54	84	4282	2.260 ug/L	94
25) Chloroform	4.42	83	2077	0.613 ug/L	80
35) Trichloroethene	5.67	95	4389	2.117 ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	1490	0.516 ug/L #	17
59) 1,2,3-Trichloropropane	11.30	75	9056	5.756 ug/L	90

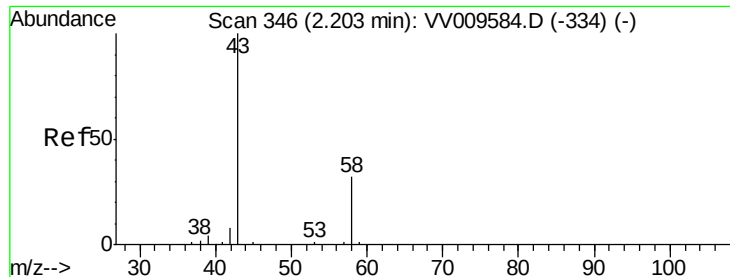
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.809 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

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Acq: 11 Mar 2019 16:43

Instrument :

MSVOA_V

ClientSampleId :

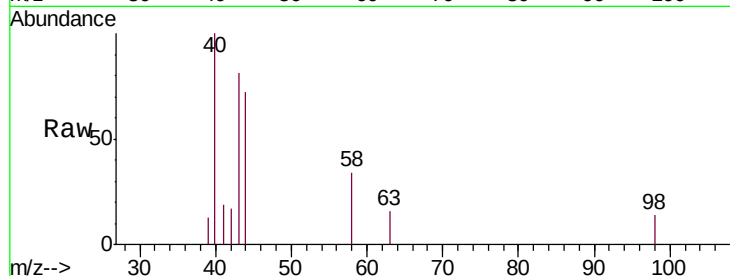
VIBLK82

Tgt Ion: 43 Resp: 487

Ion Ratio Lower Upper

43 100

58 48.7 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009598.D (-243) (-)

Ion 58.00 (57.70 to 58.70): VV009598.D (-243) (-)

2.20

600

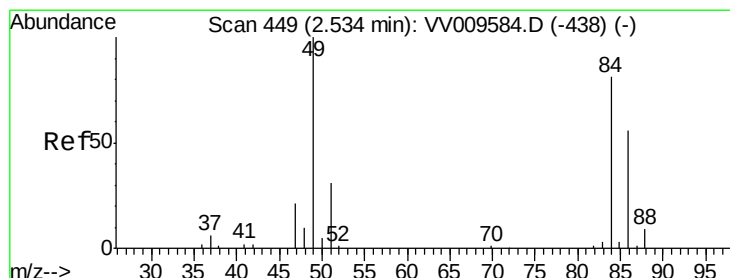
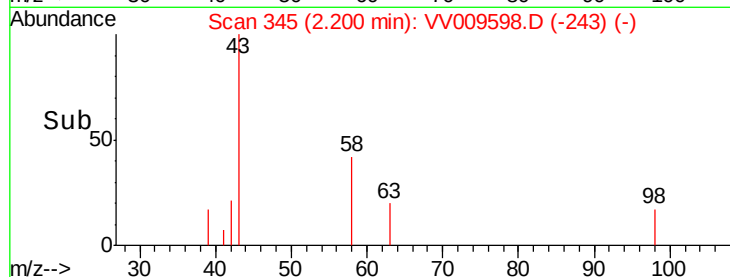
400

200

0

2.18 2.20 2.22

Time-->



#16

Methylene chloride

Concen: 2.260 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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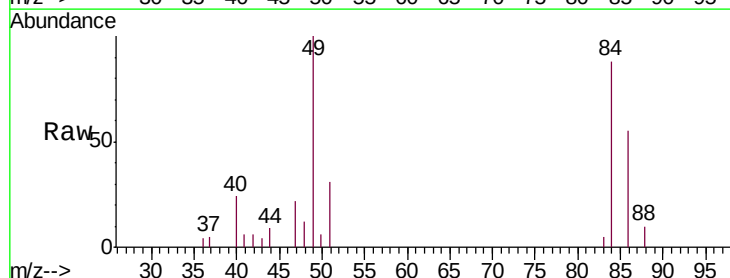
Tgt Ion: 84 Resp: 4282

Ion Ratio Lower Upper

84 100

49 113.1 84.6 157.0

86 62.7 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009598.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009598.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009598.D (-346) (-)

2.54

4000

3000

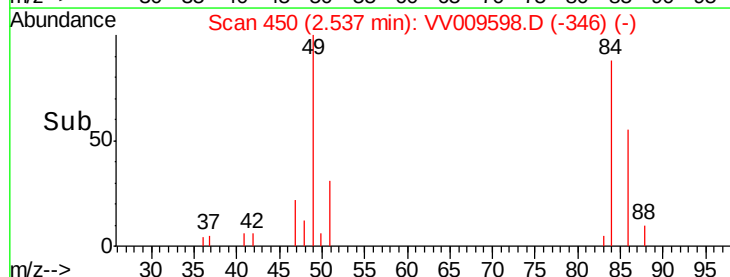
2000

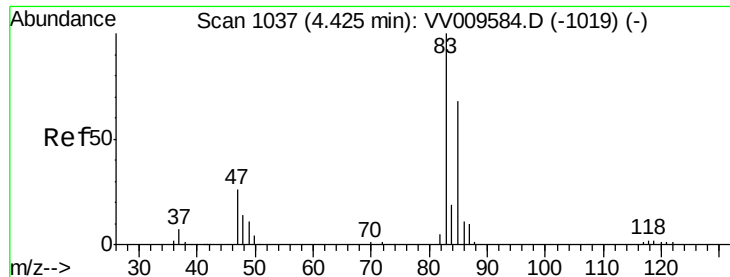
1000

0

2.50 2.54 2.58

Time-->

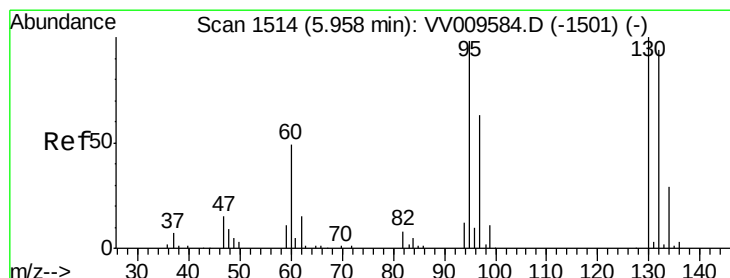
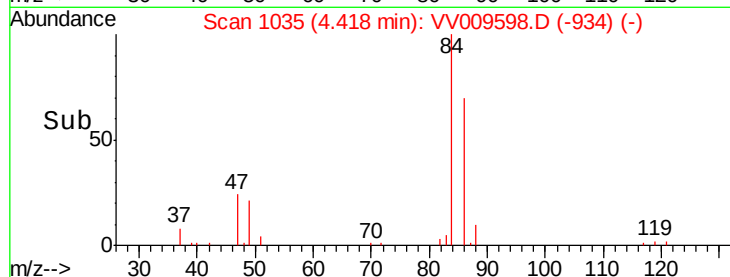
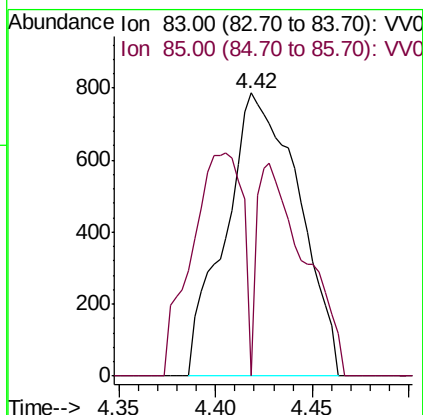
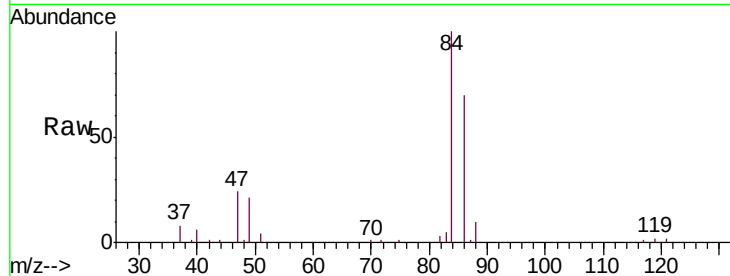




#25
Chloroform
Concen: 0.613 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV009598.D
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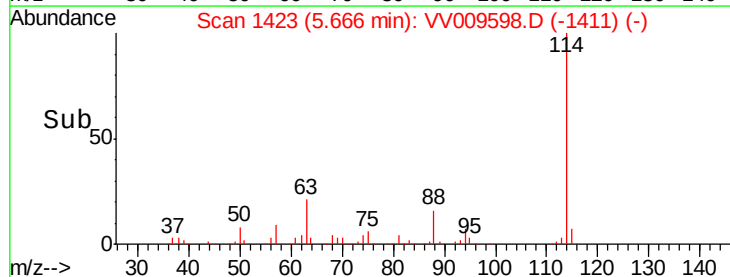
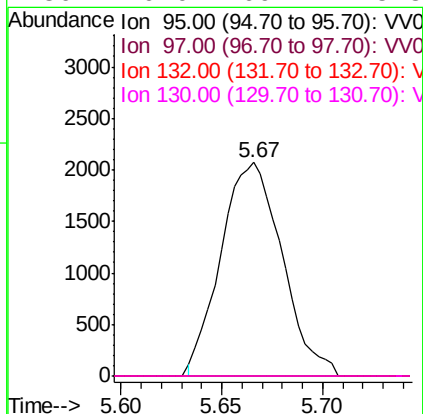
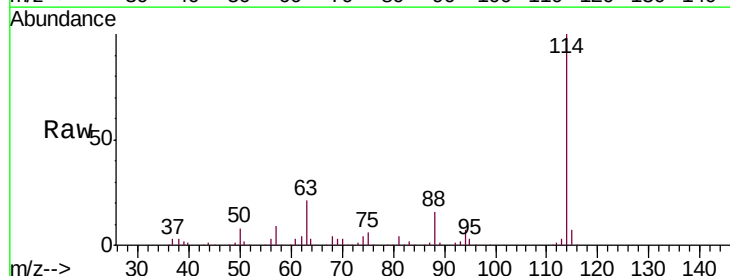
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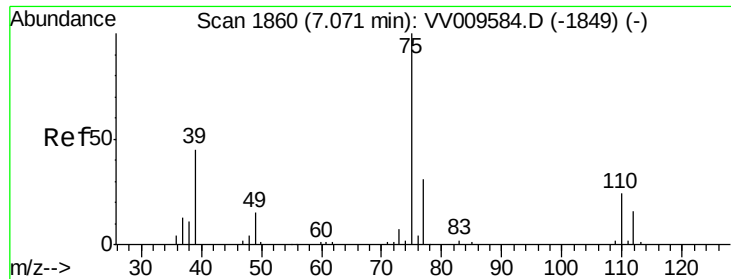
Tgt Ion: 83 Resp: 2077
Ion Ratio Lower Upper
83 100
85 48.8 45.4 84.2



#35
Trichloroethene
Concen: 2.117 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV009598.D
Acq: 11 Mar 2019 16:43

Tgt Ion: 95 Resp: 4389
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 64.4 119.6#
130 0.0 69.4 128.8#





#42

cis-1,3-Dichloropropene

Concen: 0.516 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV009598.D

Acq: 11 Mar 2019 16:43

Instrument :

MSVOA_V

ClientSampleId :

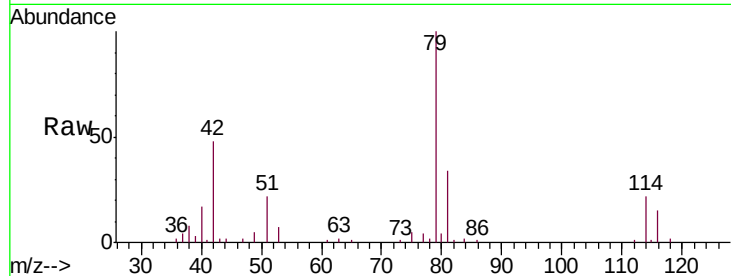
VIBLK82

Tgt Ion: 75 Resp: 1490

Ion Ratio Lower Upper

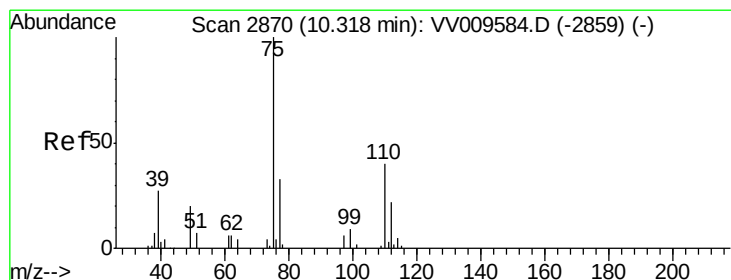
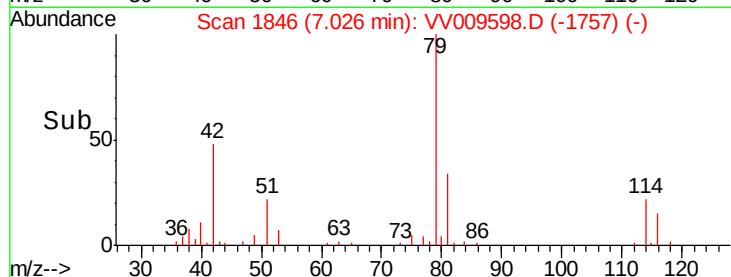
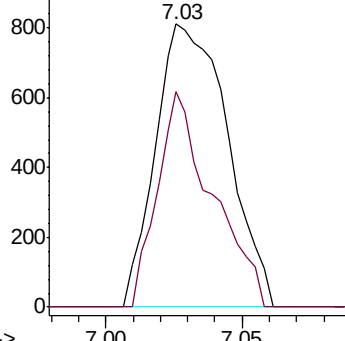
75 100

77 76.1 21.4 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 5.756 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009598.D

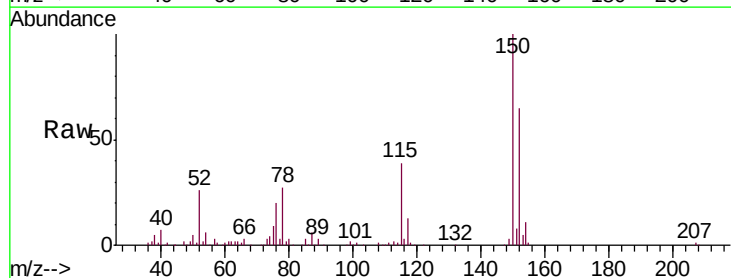
Acq: 11 Mar 2019 16:43

Tgt Ion: 75 Resp: 9056

Ion Ratio Lower Upper

75 100

77 38.1 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

