

Data File : VV009660.D
Acq On : 14 Mar 2019 12:25
Operator : SY/MD
Sample : VV0314SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK72

Quant Time: Mar 15 04:32:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	142211	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	133109	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55480	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41414	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
7) Chloroethane-d5	1.57	69	40817	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.76%
10) 1,1-Dichloroethene-d2	2.13	63	86305	17.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.24%
20) 2-Butanone-d5	3.93	46	27831	58.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.86%
24) Chloroform-d	4.40	84	78157	21.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.24%
26) 1,2-Dichloroethane-d4	5.08	65	52392	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.16%
29) Benzene-d6	5.10	84	176817	25.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.28%
33) 1,2-Dichloropropane-d6	6.12	67	51473	25.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.92%
37) Toluene-d8	7.36	98	168972	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.04%
38) trans-1,3-Dichloropropene-	7.66	79	22110	23.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.32%
39) 2-Hexanone-d5	8.13	63	20731	55.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50348	26.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.24%
61) 1,2-Dichlorobenzene-d4	11.68	152	51840	24.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.48%

Target Compounds

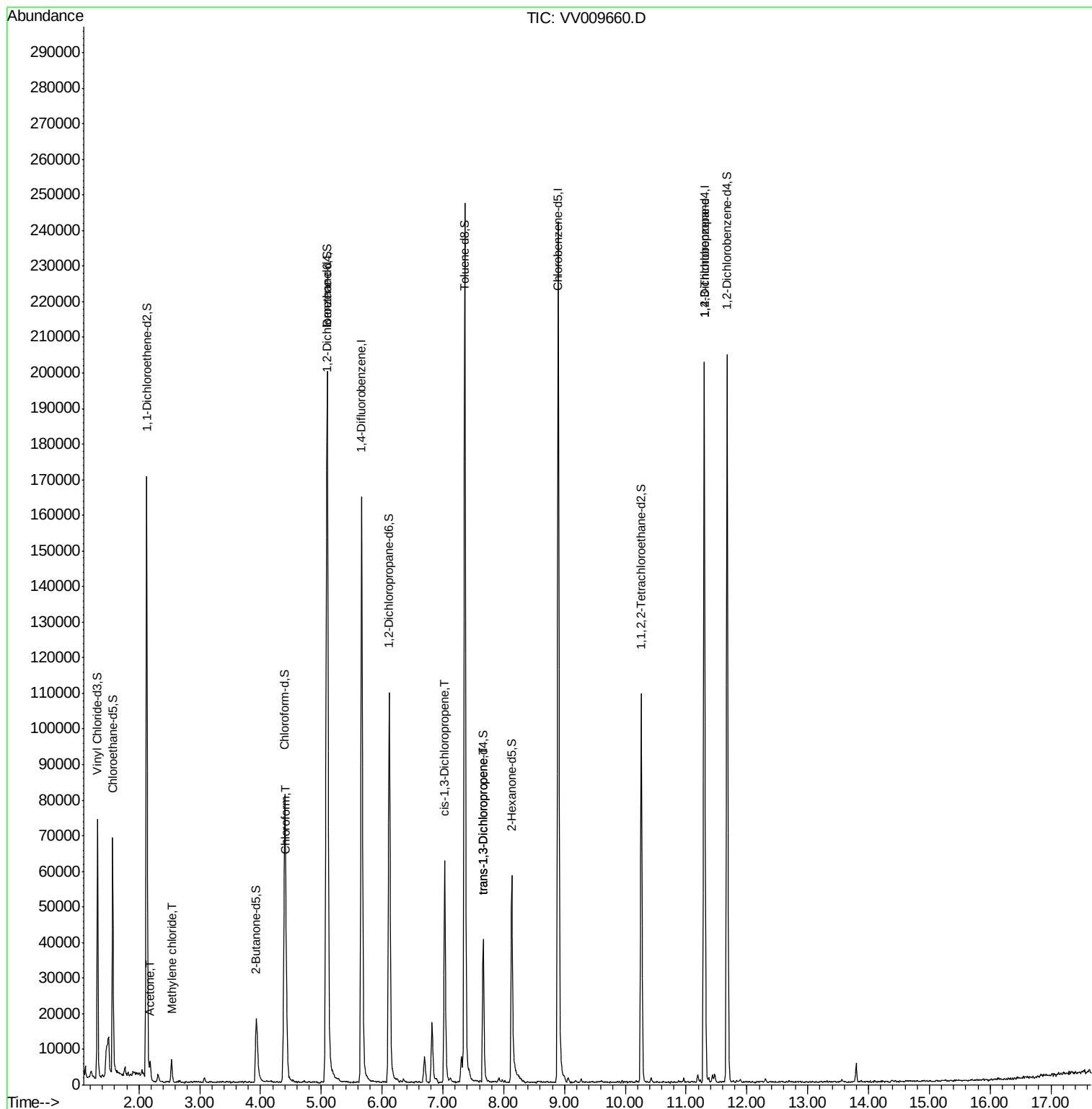
					Qvalue
13) Acetone	2.19	43	1178	2.052 ug/L	79
16) Methylene chloride	2.54	84	2676	1.293 ug/L	90
25) Chloroform	4.43	83	8168	2.211 ug/L	83
42) cis-1,3-Dichloropropene	7.03	75	2006	0.721 ug/L #	74
45) trans-1,3-Dichloropropene	7.66	75	1286	0.535 ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	7653	5.367 ug/L #	88

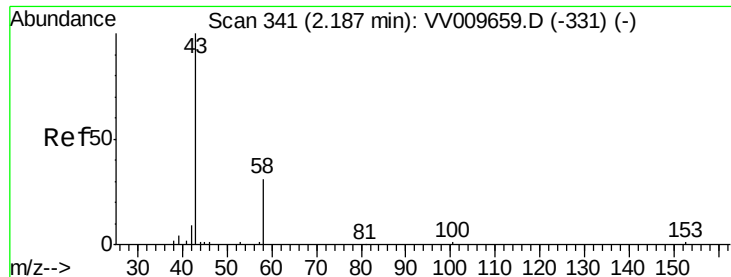
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009660.D
Acq On : 14 Mar 2019 12:25
Operator : SY/MD
Sample : VV0314SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK72

Quant Time: Mar 15 04:32:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.052 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV009660.D

Acq: 14 Mar 2019 12:25

Instrument :

MSVOA_V

ClientSampleId :

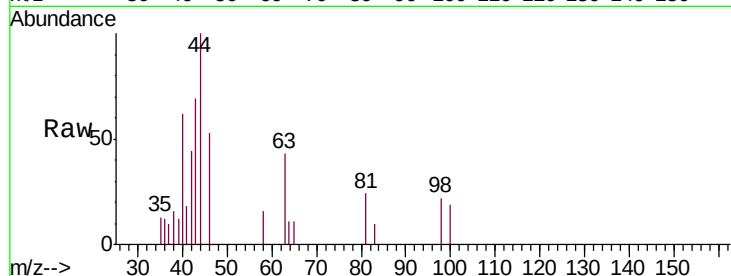
VBLK72

Tgt Ion: 43 Resp: 1178

Ion Ratio Lower Upper

43 100

58 20.8 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VV009659.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009659.D (-331) (-)

2.19

800

600

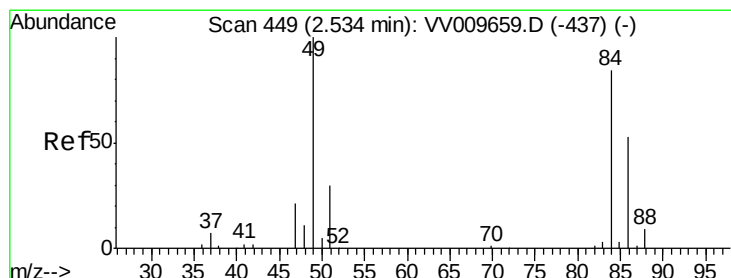
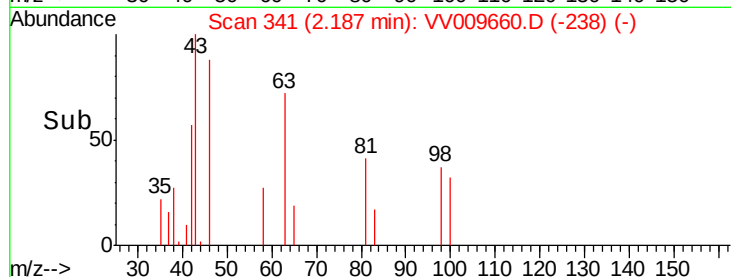
400

200

0

2.14 2.16 2.18 2.20 2.22

Time-->



#16

Methylene chloride

Concen: 1.293 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009660.D

Acq: 14 Mar 2019 12:25

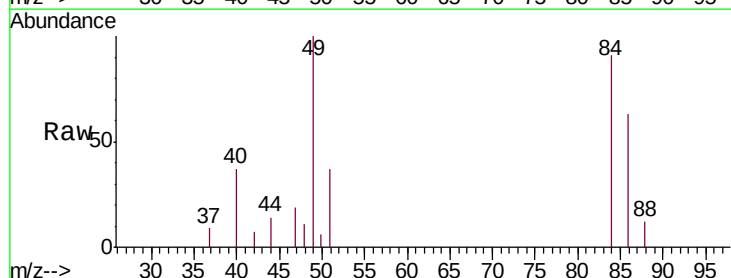
Tgt Ion: 84 Resp: 2676

Ion Ratio Lower Upper

84 100

49 110.4 86.1 159.9

86 69.8 45.2 84.0



Abundance Ion 84.00 (83.70 to 84.70): VV009659.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009659.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009659.D (-437) (-)

2500

2000

1500

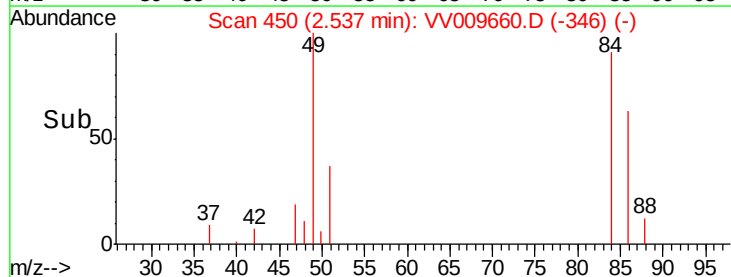
1000

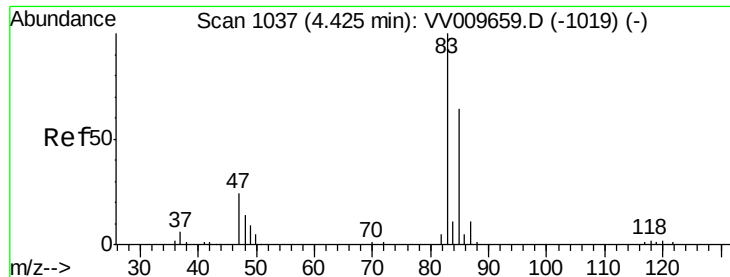
500

0

2.50 2.55

Time-->

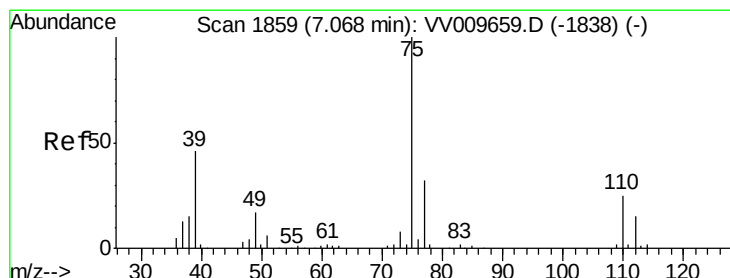
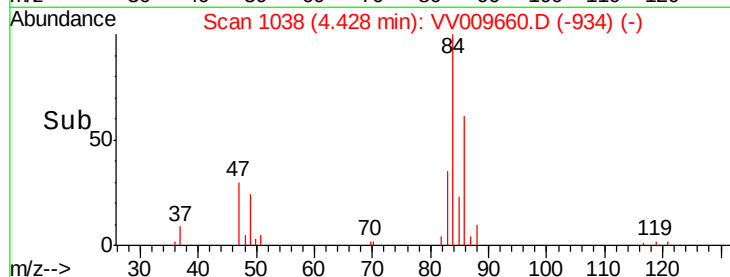
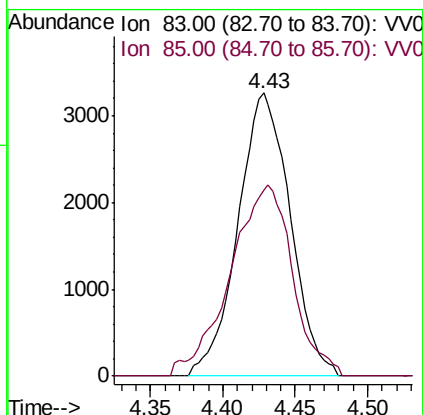
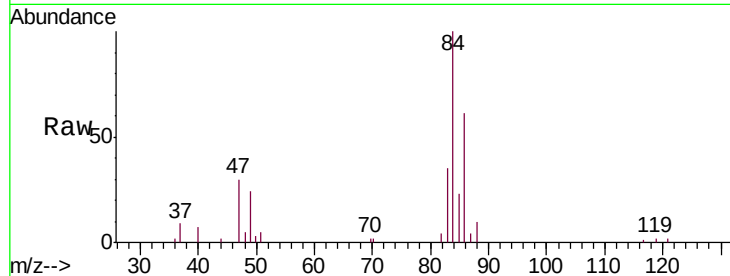




#25
Chloroform
Concen: 2.211 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009660.D
Acq: 14 Mar 2019 12:25

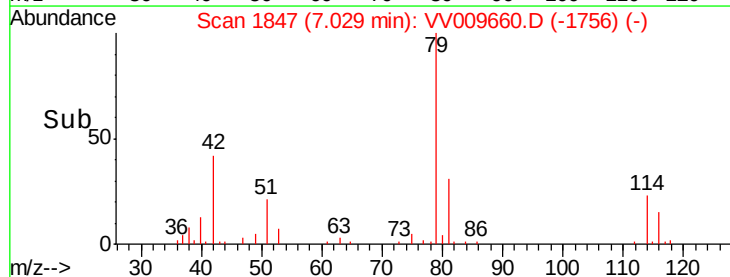
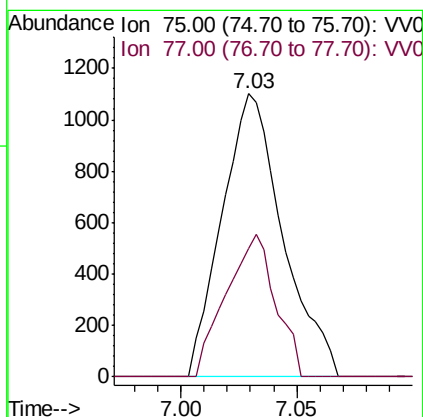
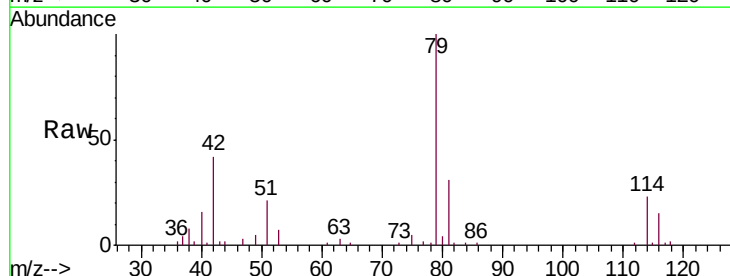
Instrument :
MSVOA_V
ClientSampleId :
VBLK72

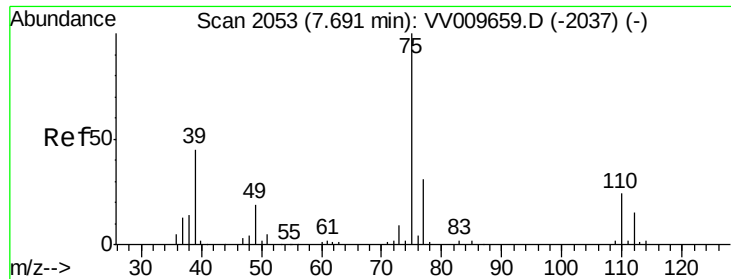
Tgt Ion: 83 Resp: 8168
Ion Ratio Lower Upper
83 100
85 79.5 46.4 86.2



#42
cis-1,3-Dichloropropene
Concen: 0.721 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009660.D
Acq: 14 Mar 2019 12:25

Tgt Ion: 75 Resp: 2006
Ion Ratio Lower Upper
75 100
77 45.6 22.0 40.8#





#45

trans-1,3-Dichloropropene

Concen: 0.535 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009660.D

Acq: 14 Mar 2019 12:25

Instrument :

MSVOA_V

ClientSampleId :

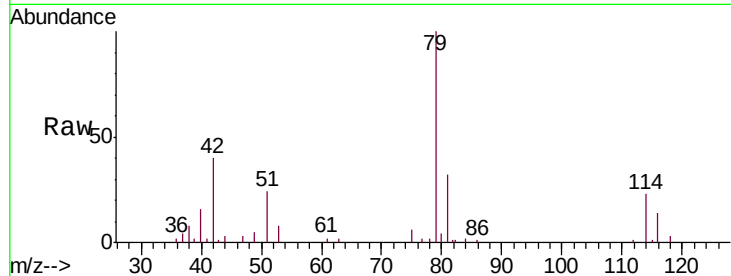
VBLK72

Tgt Ion: 75 Resp: 1286

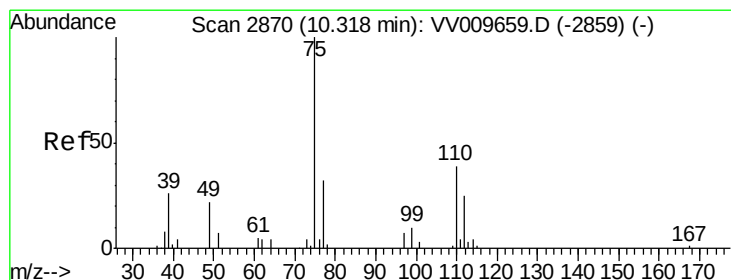
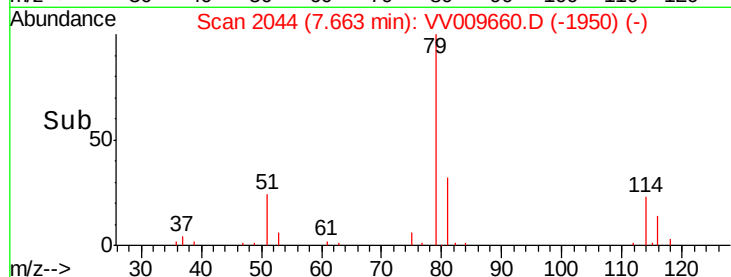
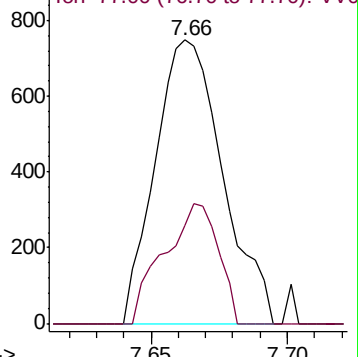
Ion Ratio Lower Upper

75 100

77 34.6 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VV009660.D (-1950) (-)



#59

1,2,3-Trichloropropane

Concen: 5.367 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009660.D

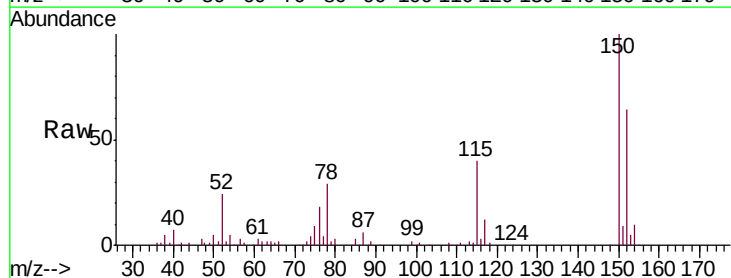
Acq: 14 Mar 2019 12:25

Tgt Ion: 75 Resp: 7653

Ion Ratio Lower Upper

75 100

77 38.3 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VV009660.D (-2248) (-)

