

Data File : VV009585.D
Acq On : 11 Mar 2019 10:30
Operator : SY/MD
Sample : VV0311SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK70

Quant Time: Mar 11 12:01:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	149883	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	141097	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63420	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42900	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.12%
7) Chloroethane-d5	1.57	69	43736	16.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.04%
10) 1,1-Dichloroethene-d2	2.13	63	88793	18.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.64%
20) 2-Butanone-d5	3.93	46	26415	42.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.92%
24) Chloroform-d	4.40	84	93011	26.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.08	65	53946	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.24%
29) Benzene-d6	5.10	84	183954	26.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.28%
33) 1,2-Dichloropropane-d6	6.12	67	56837	27.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.24%
37) Toluene-d8	7.36	98	177578	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.28%
38) trans-1,3-Dichloropropene-	7.66	79	23436	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.80%
39) 2-Hexanone-d5	8.13	63	22080	45.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52855	24.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.20%
61) 1,2-Dichlorobenzene-d4	11.68	152	63318	27.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.40%

Target Compounds

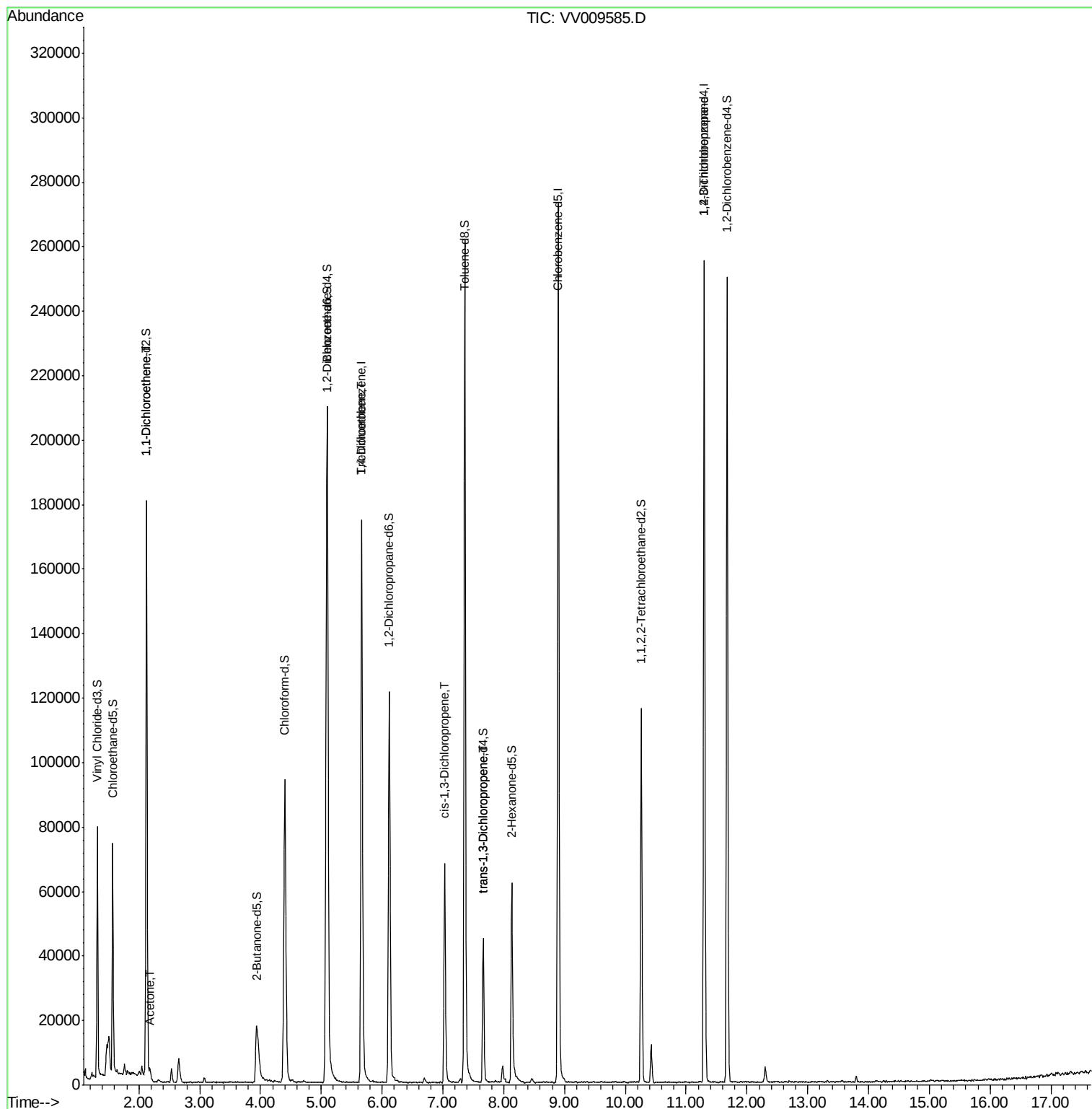
					Qvalue
12) 1,1-Dichloroethene	2.13	96	935	0.469 ug/L #	1
13) Acetone	2.19	43	727	1.163 ug/L	79
35) Trichloroethene	5.66	95	3861	1.843 ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	2221	0.761 ug/L #	64
45) trans-1,3-Dichloropropene	7.67	75	1282	0.503 ug/L	93
59) 1,2,3-Trichloropropane	11.30	75	9528	5.994 ug/L	92

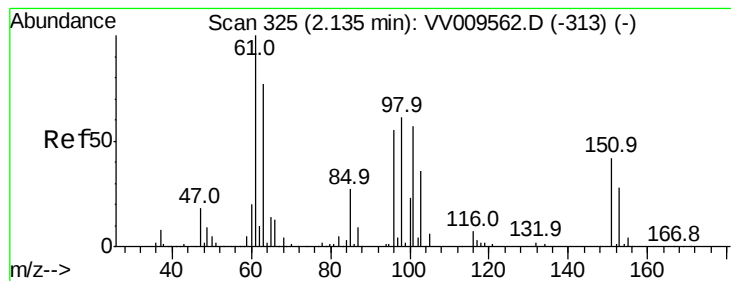
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.469 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV009585.D

Acq: 11 Mar 2019 10:30

Instrument :

MSVOA_V

ClientSampled :

VBLK70

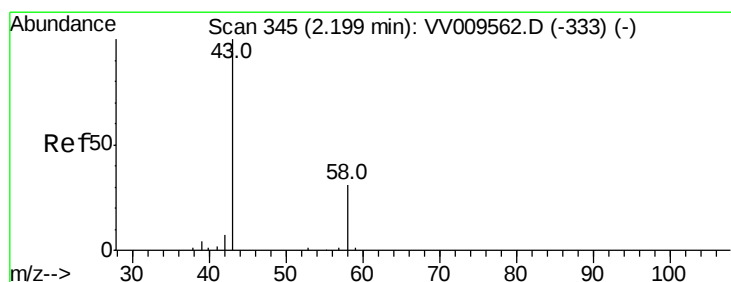
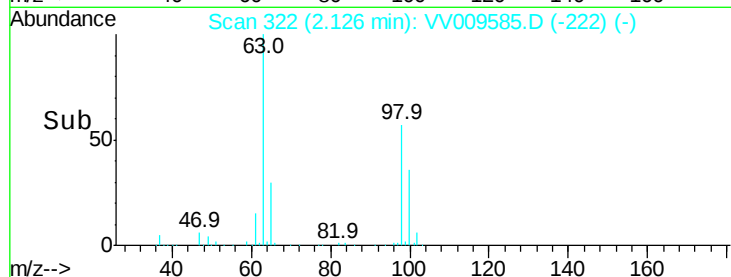
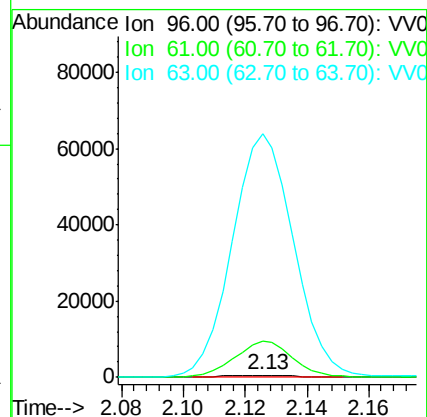
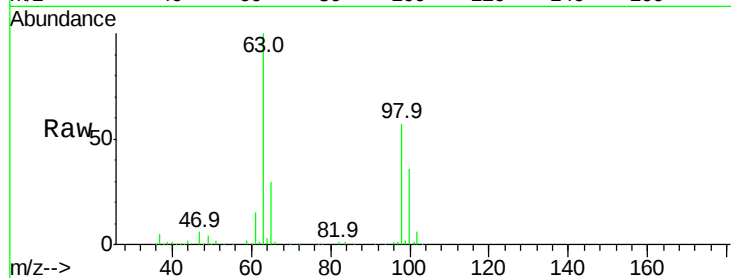
Tgt Ion: 96 Resp: 935

Ion Ratio Lower Upper

96 100

61 1572.7 136.9 254.3#

63 10625.0 108.7 201.9#



#13

Acetone

Concen: 1.163 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV009585.D

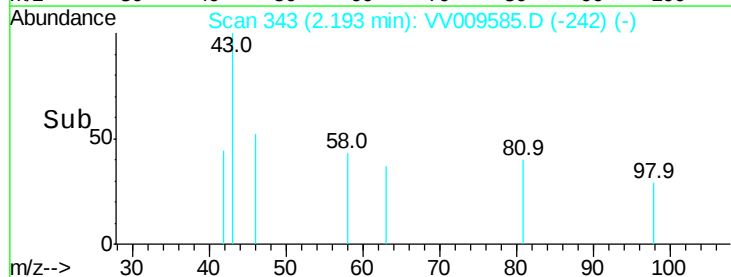
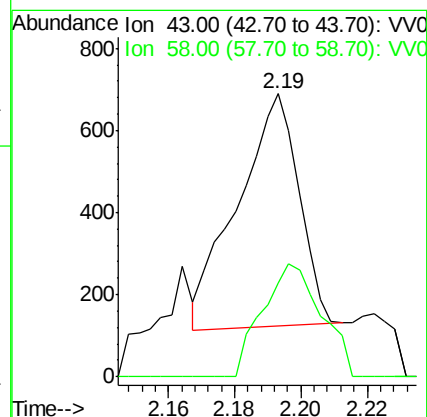
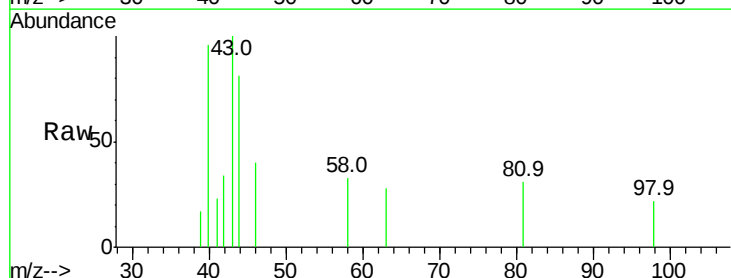
Acq: 11 Mar 2019 10:30

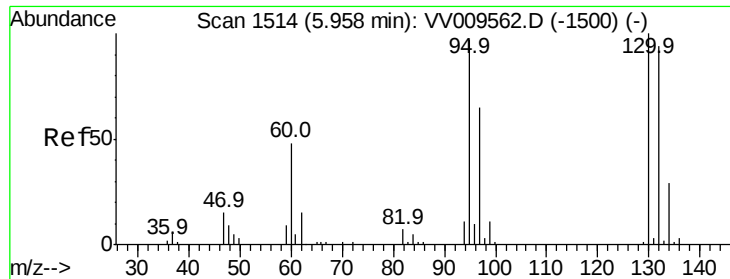
Tgt Ion: 43 Resp: 727

Ion Ratio Lower Upper

43 100

58 46.8 0.0 68.8





#35

Trichloroethene

Concen: 1.843 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

Lab File: VV009585.D

Acq: 11 Mar 2019 10:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK70

Tgt Ion: 95 Resp: 3861

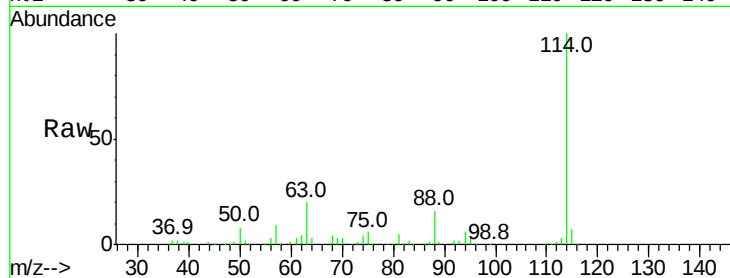
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 64.4 119.6#

130 0.0 69.4 128.8#

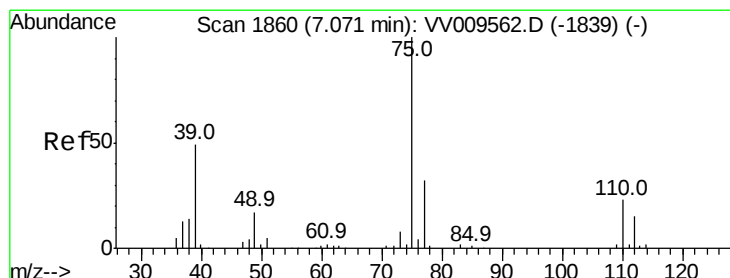
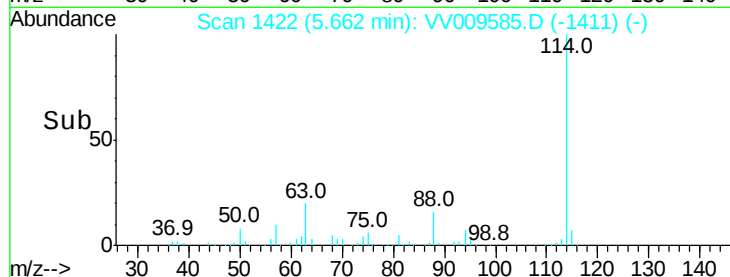
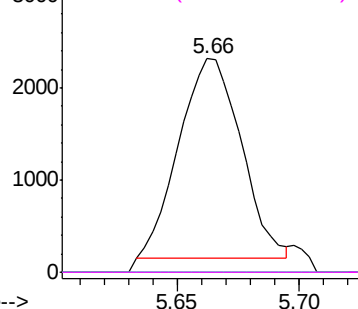


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#42

cis-1,3-Dichloropropene

Concen: 0.761 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV009585.D

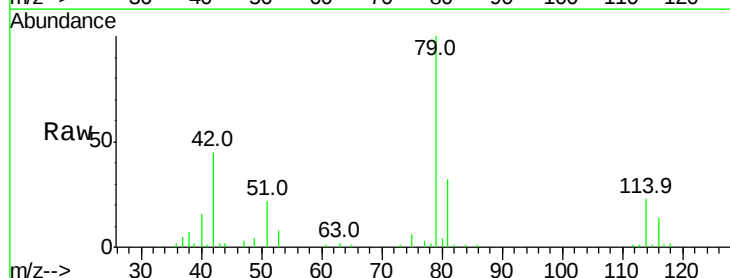
Acq: 11 Mar 2019 10:30

Tgt Ion: 75 Resp: 2221

Ion Ratio Lower Upper

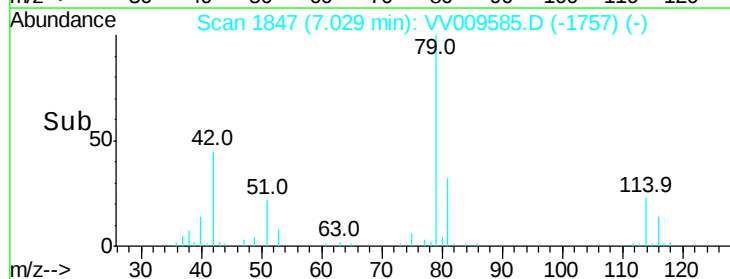
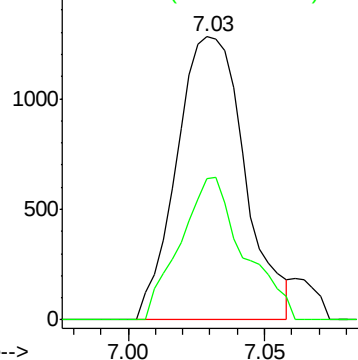
75 100

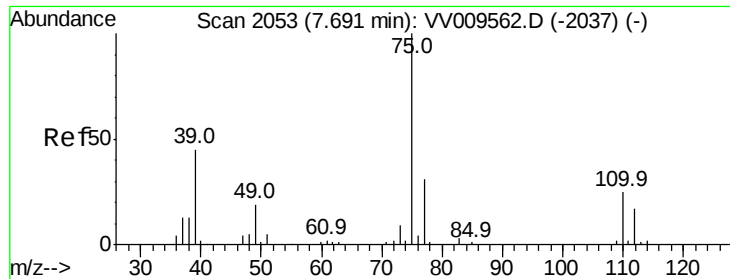
77 50.1 21.4 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#45

trans-1,3-Dichloropropene

Concen: 0.503 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009585.D

Acq: 11 Mar 2019 10:30

Instrument :

MSVOA_V

ClientSampleId :

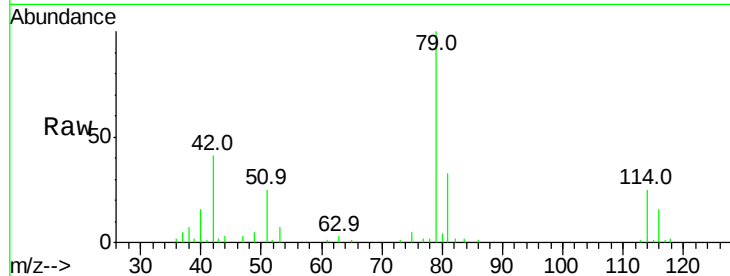
VBLK70

Tgt Ion: 75 Resp: 1282

Ion Ratio Lower Upper

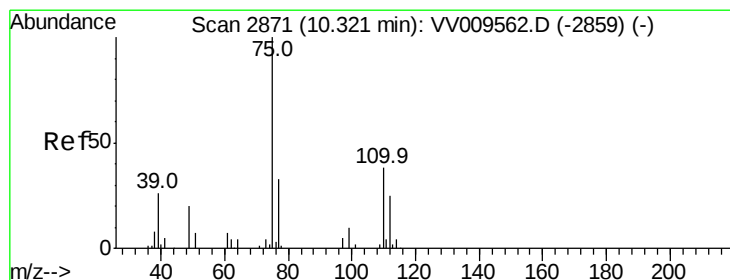
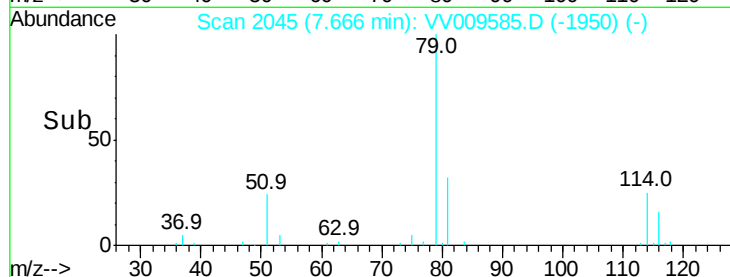
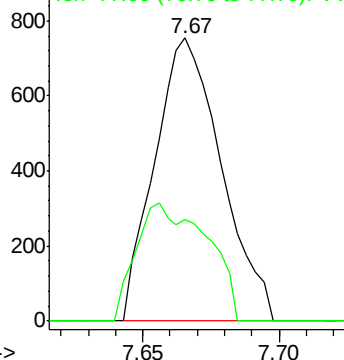
75 100

77 35.8 22.5 41.7



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: 5.994 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009585.D

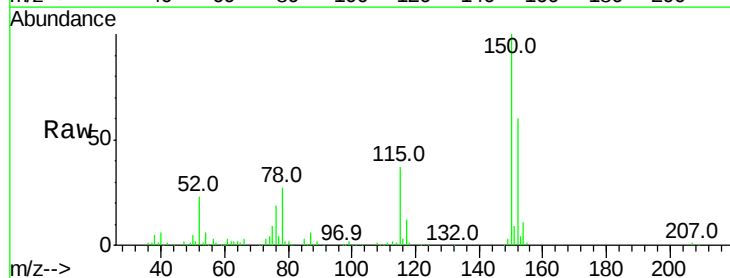
Acq: 11 Mar 2019 10:30

Tgt Ion: 75 Resp: 9528

Ion Ratio Lower Upper

75 100

77 36.7 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

