

Data File : VV009369.D
Acq On : 26 Feb 2019 16:25
Operator : SY/MD
Sample : K1579-10
Misc : 6.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB607

Quant Time: Feb 27 04:47:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	190675	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176132	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76850	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64715	26.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.92%
7) Chloroethane-d5	1.58	69	85317	27.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.40%
10) 1,1-Dichloroethene-d2	2.13	63	121310	19.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.48%
20) 2-Butanone-d5	3.96	46	28777	39.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.64%
24) Chloroform-d	4.40	84	117748	25.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.84%
26) 1,2-Dichloroethane-d4	5.08	65	66660	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.24%
29) Benzene-d6	5.10	84	245031	26.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.68%
33) 1,2-Dichloropropane-d6	6.12	67	72839	26.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.20%
37) Toluene-d8	7.36	98	232072	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.36%
38) trans-1,3-Dichloropropene-	7.66	79	31444	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.72%
39) 2-Hexanone-d5	8.14	63	24159	41.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58515	21.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	73131	25.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.76%

Target Compounds

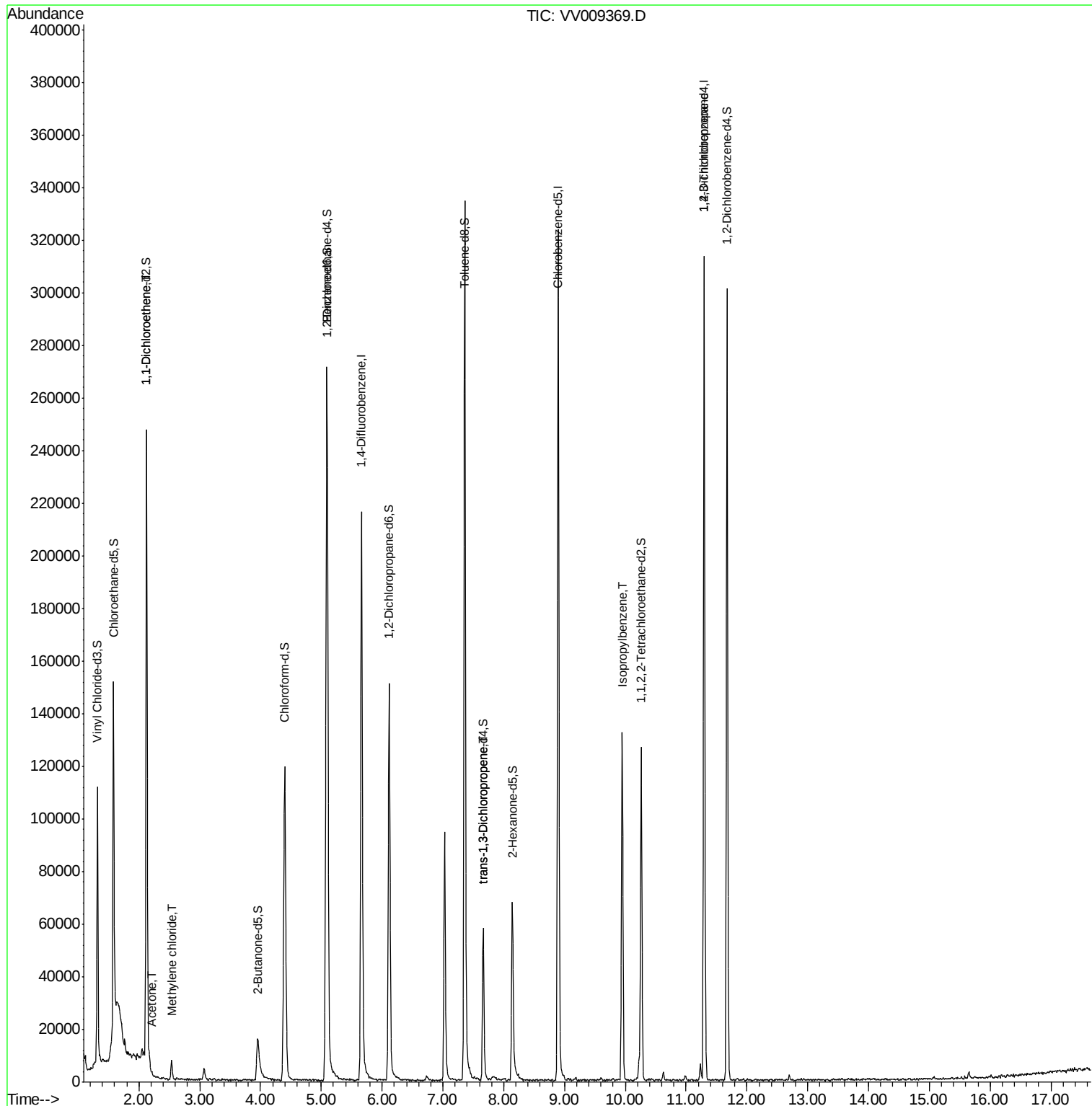
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1382	0.505 ug/L #	1
13) Acetone	2.21	43	662	0.801 ug/L	69
16) Methylene chloride	2.54	84	3204	1.241 ug/L	92
45) trans-1,3-Dichloropropene	7.66	75	1873	0.533 ug/L #	77
57) Isopropylbenzene	9.95	105	5737	0.453 ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	11514	5.899 ug/L	90

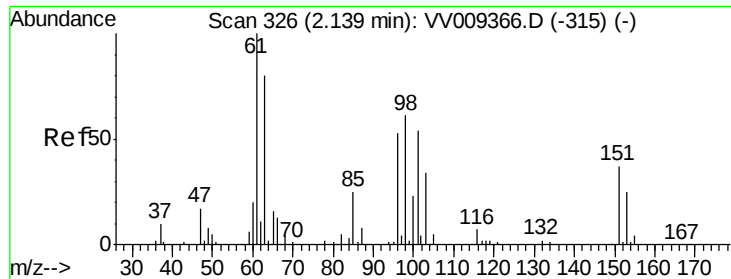
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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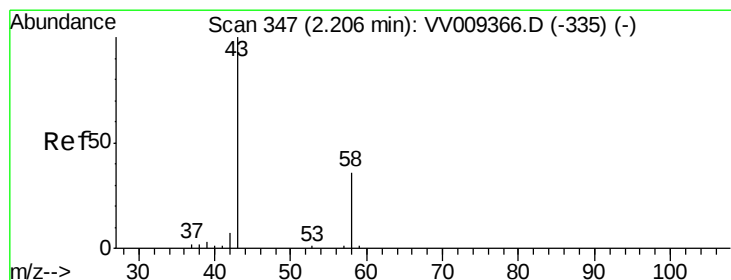
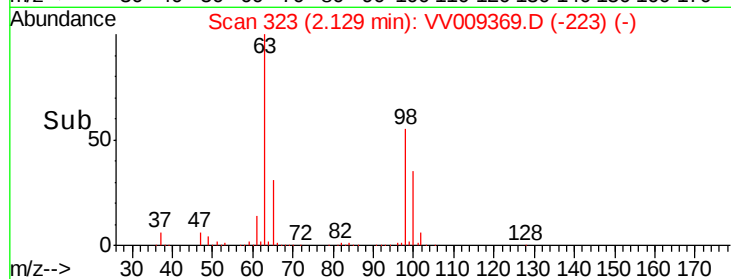
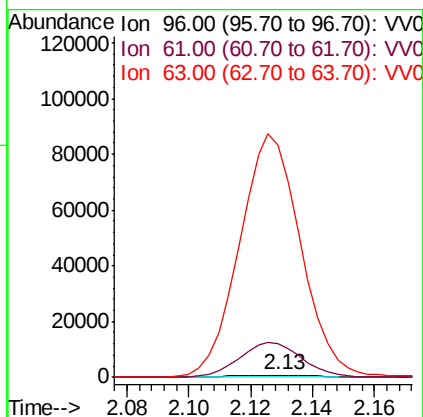
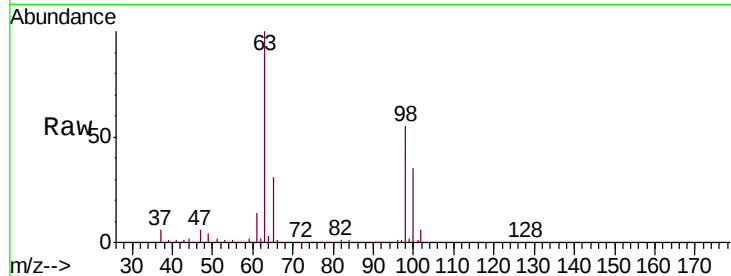




#12
 1,1-Dichloroethene
 Concen: 0.505 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV009369.D
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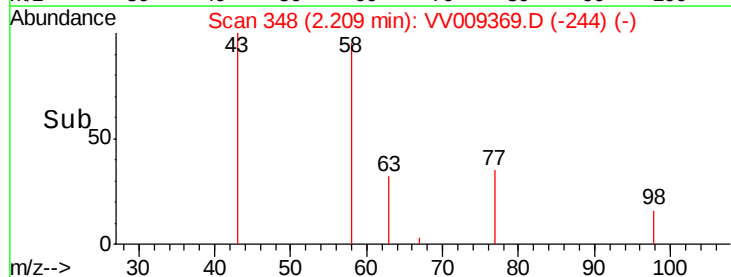
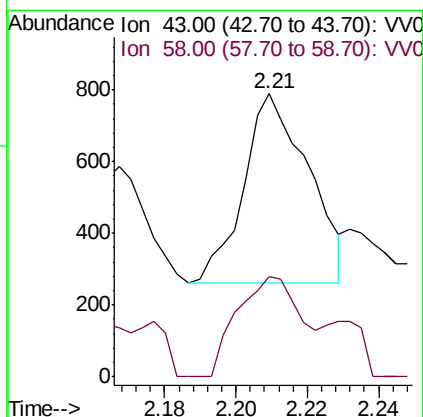
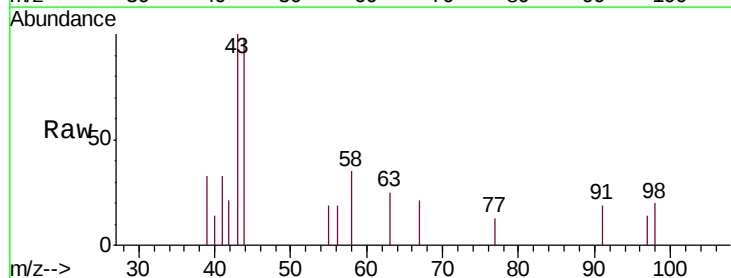
Instrument :
 MSVOA_V
 ClientSampleId :
 DB607

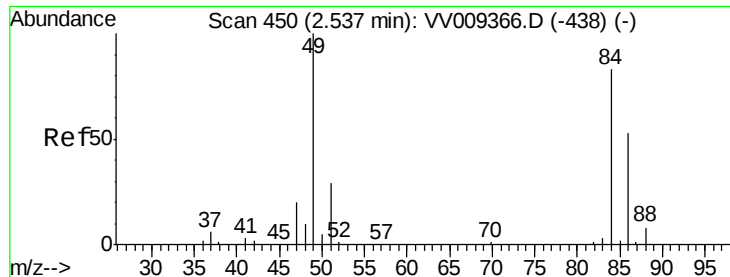
Tgt Ion: 96 Resp: 1382
 Ion Ratio Lower Upper
 96 100
 61 1524.4 136.9 254.3#
 63 10611.7 108.7 201.9#



#13
 Acetone
 Concen: 0.801 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. 0.00 min
 Lab File: VV009369.D
 Acq: 26 Feb 2019 16:25

Tgt Ion: 43 Resp: 662
 Ion Ratio Lower Upper
 43 100
 58 52.1 0.0 68.8

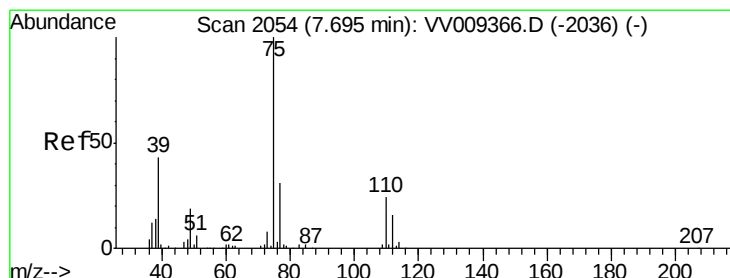
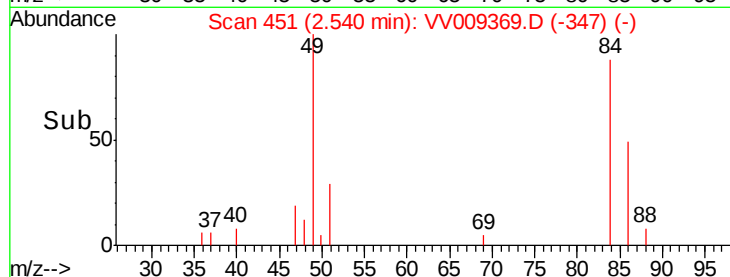
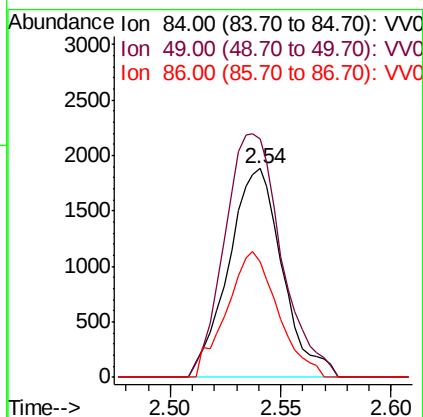
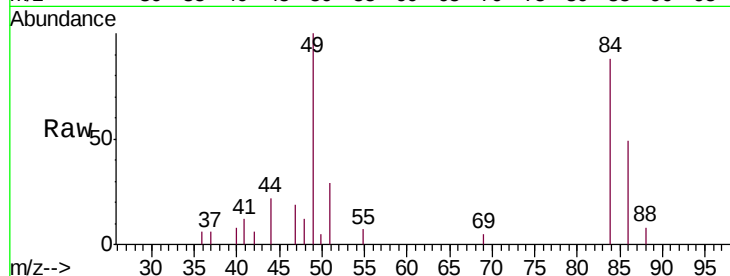




#16
Methylene chloride
Concen: 1.241 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV009369.D
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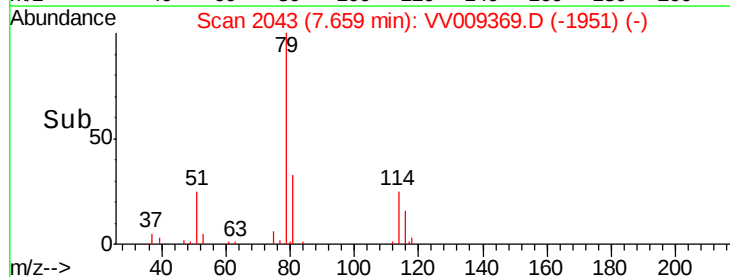
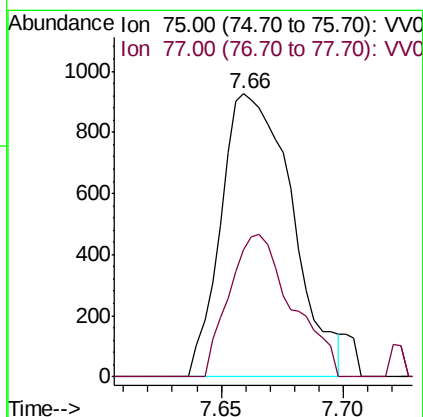
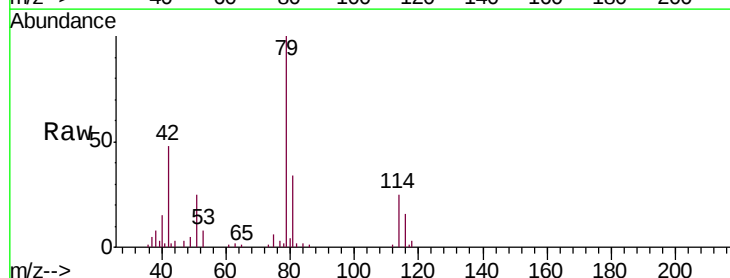
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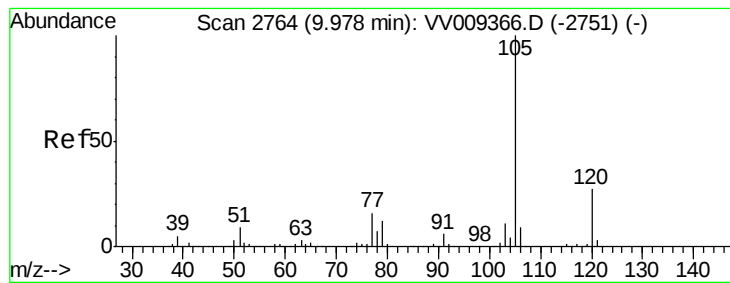
Tgt Ion: 84 Resp: 3204
Ion Ratio Lower Upper
84 100
49 114.1 84.6 157.0
86 55.7 46.1 85.7



#45
trans-1,3-Dichloropropene
Concen: 0.533 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.04 min
Lab File: VV009369.D
Acq: 26 Feb 2019 16:25

Tgt Ion: 75 Resp: 1873
Ion Ratio Lower Upper
75 100
77 44.8 22.5 41.7#





#57

Isopropylbenzene

Concen: 0.453 ug/L

RT: 9.95 min Scan# 2755

Delta R.T. -0.03 min

Lab File: VV009369.D

Acq: 26 Feb 2019 16:25

Instrument :

MSVOA_V

ClientSampleId :

DB607

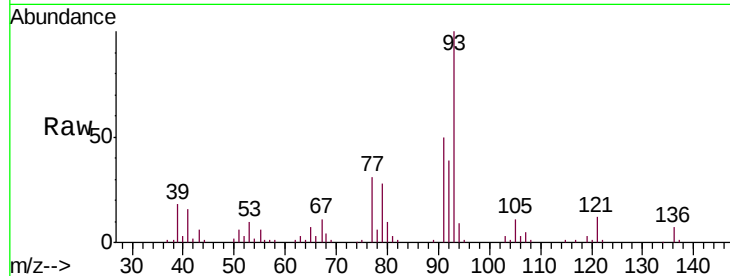
Tgt Ion: 105 Resp: 5737

Ion Ratio Lower Upper

105 100

120 2.5 21.4 32.2#

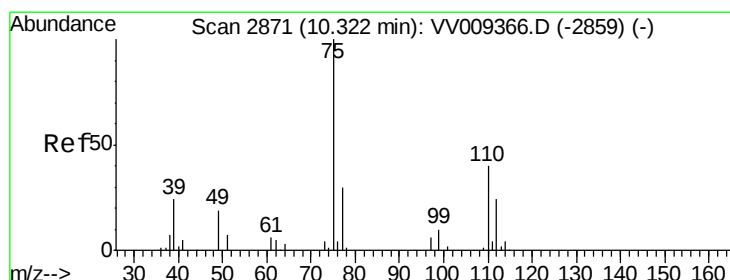
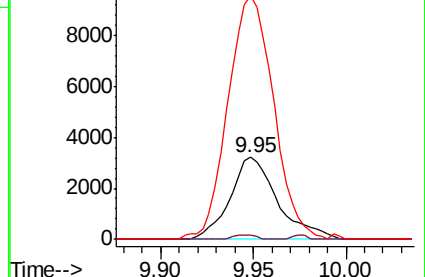
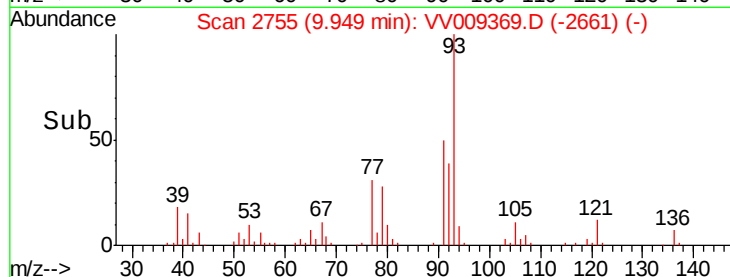
77 283.8 12.8 19.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 5.899 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009369.D

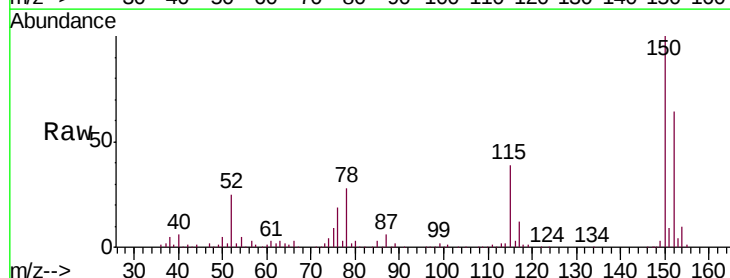
Acq: 26 Feb 2019 16:25

Tgt Ion: 75 Resp: 11514

Ion Ratio Lower Upper

75 100

77 37.9 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 77.00 (76.70 to 77.70): V

