

Data File : VV009370.D
Acq On : 26 Feb 2019 16:51
Operator : SY/MD
Sample : K1579-11
Misc : 7.25G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB608

Quant Time: Feb 27 04:47:31 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	5.67	114	164736	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	136736	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44470	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60866	29.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.48%
7) Chloroethane-d5	1.58	69	86618	32.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.56%
10) 1,1-Dichloroethene-d2	2.13	63	116310	21.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.88%
20) 2-Butanone-d5	3.96	46	26682	42.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.46%
24) Chloroform-d	4.40	84	111107	27.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.24%
26) 1,2-Dichloroethane-d4	5.08	65	64826	29.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.32%
29) Benzene-d6	5.10	84	224126	30.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.32%
33) 1,2-Dichloropropane-d6	6.12	67	70166	32.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.76%#
37) Toluene-d8	7.36	98	204832	29.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.52%
38) trans-1,3-Dichloropropene-	7.67	79	29014	27.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.00%
39) 2-Hexanone-d5	8.14	63	23425	51.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57445	27.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	43938	26.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.68%

Target Compounds

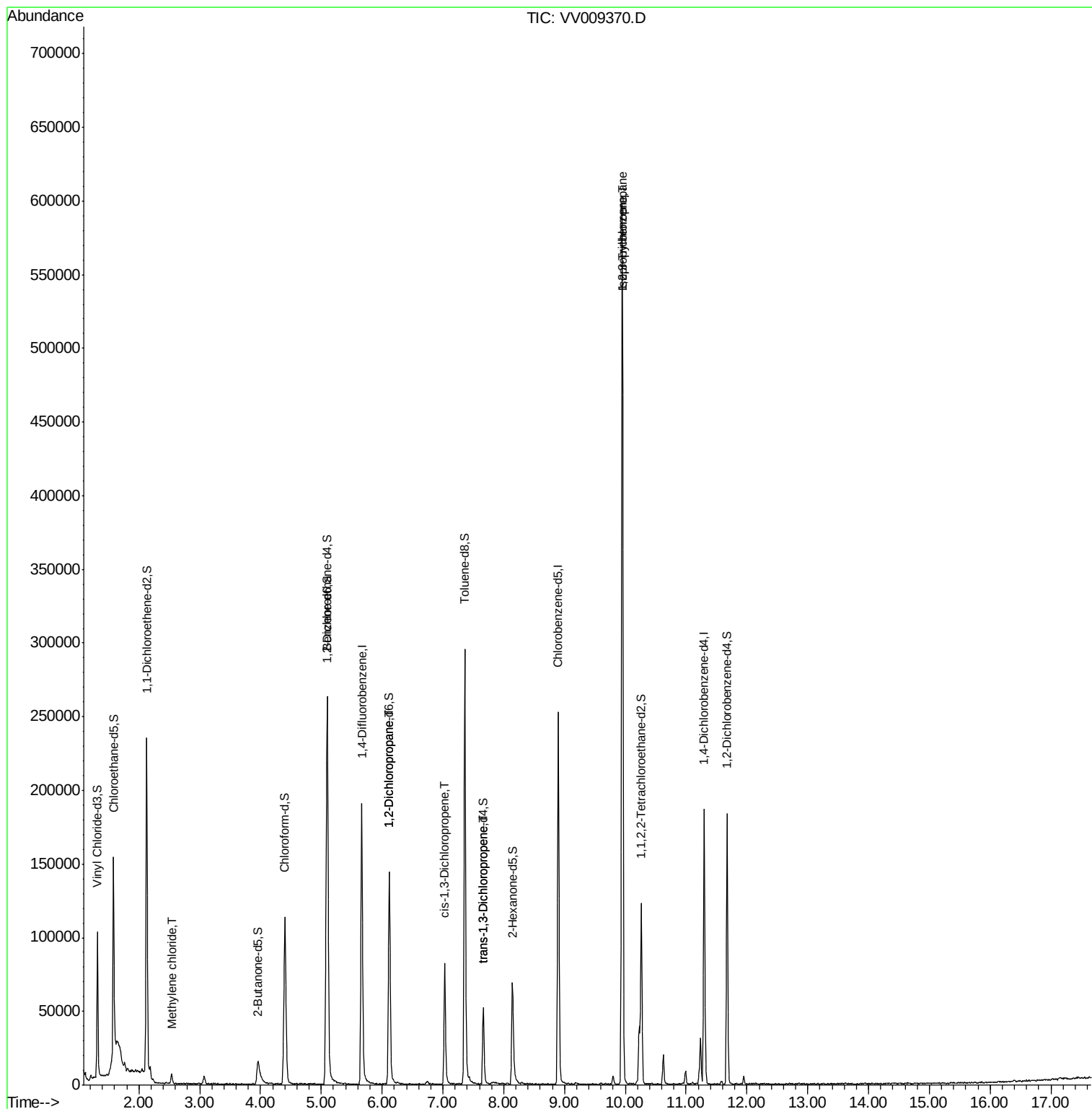
					Qvalue
16) Methylene chloride	2.53	84	1674	0.750 ug/L	86
40) 1,2-Dichloropropane	6.12	63	8437	4.455 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	2501	0.831 ug/L #	70
45) trans-1,3-Dichloropropene	7.67	75	1526	0.559 ug/L #	79
57) Isopropylbenzene	9.95	105	25130	2.554 ug/L #	1
59) 1,2,3-Trichloropropane	9.95	75	489	0.323 ug/L #	1

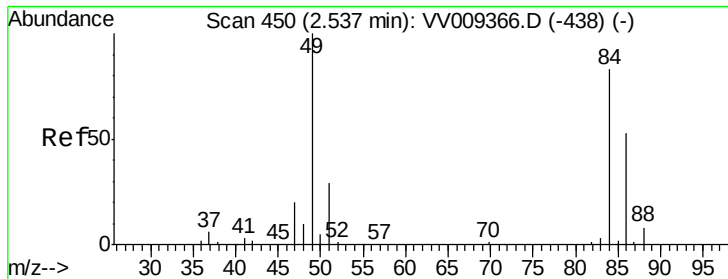
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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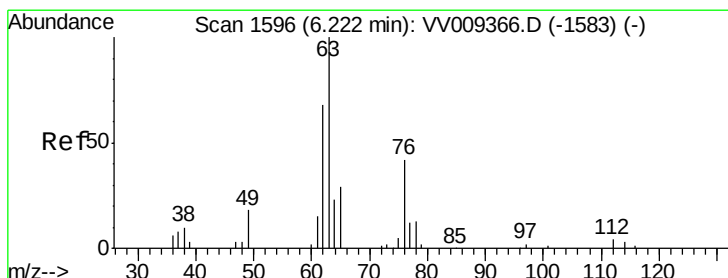
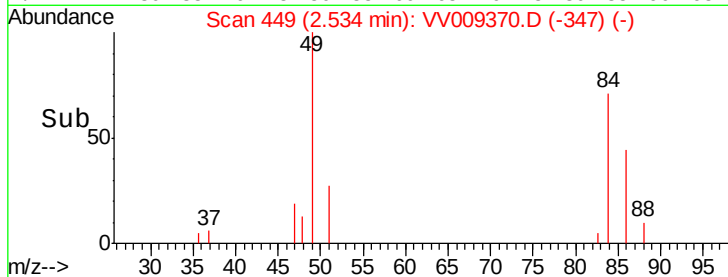
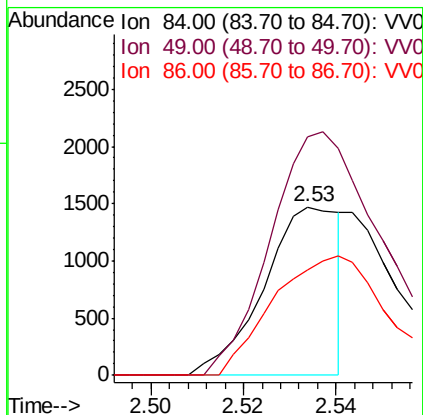
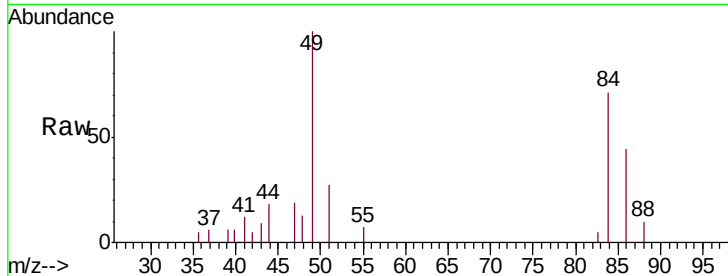




#16
Methylene chloride
Concen: 0.750 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
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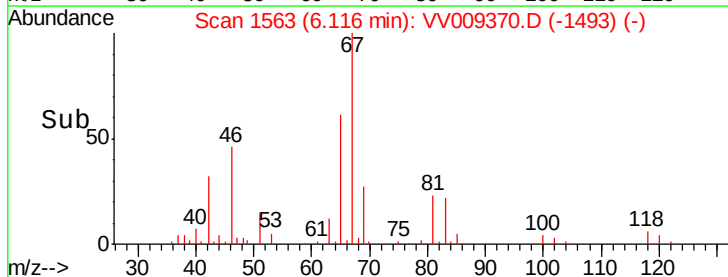
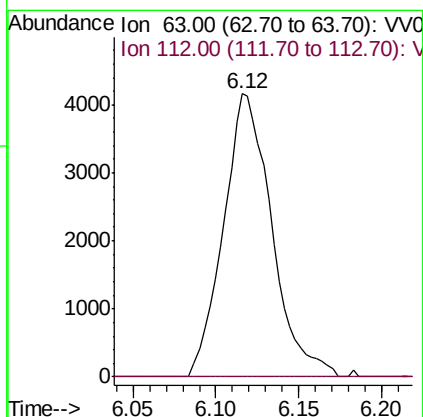
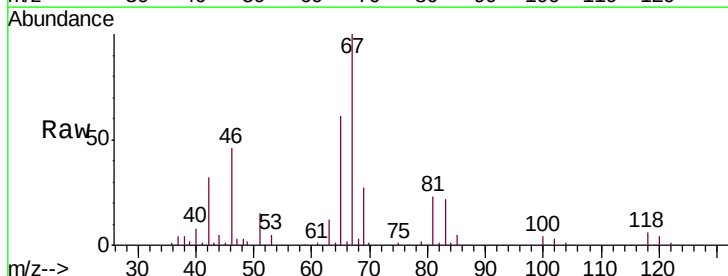
Instrument :
MSVOA_V
ClientSampled :
DB608

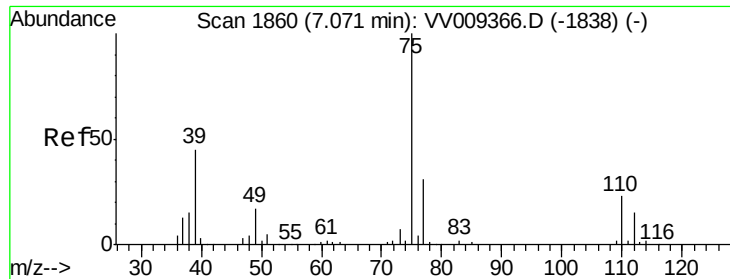
Tgt Ion: 84 Resp: 1674
Ion Ratio Lower Upper
84 100
49 141.4 84.6 157.0
86 62.4 46.1 85.7



#40
1,2-Dichloropropane
Concen: 4.455 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009370.D
Acq: 26 Feb 2019 16:51

Tgt Ion: 63 Resp: 8437
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



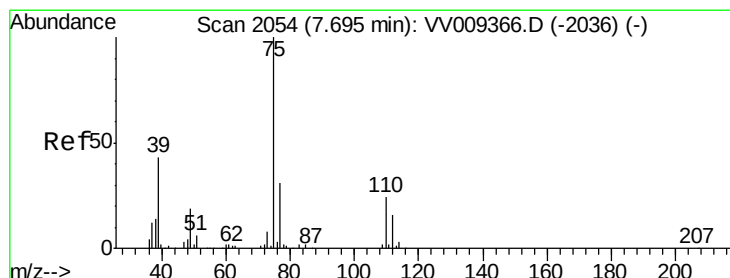
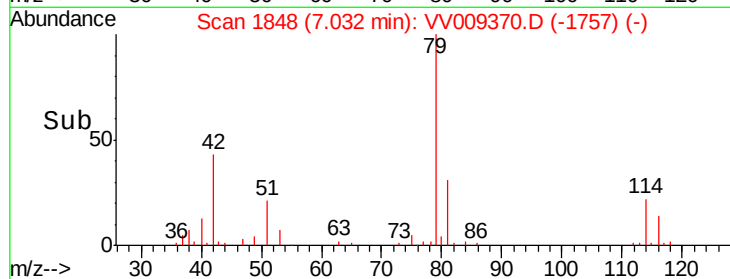
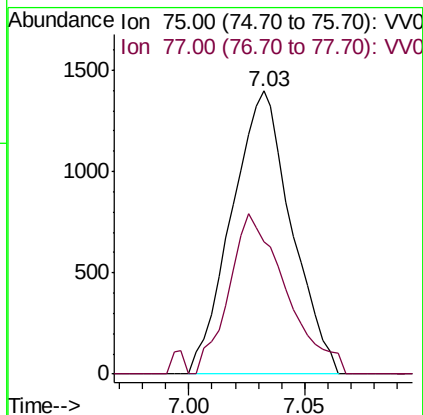
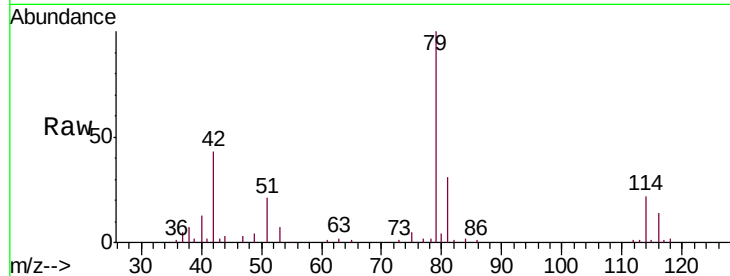


#42

cis-1,3-Dichloropropene
Concen: 0.831 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
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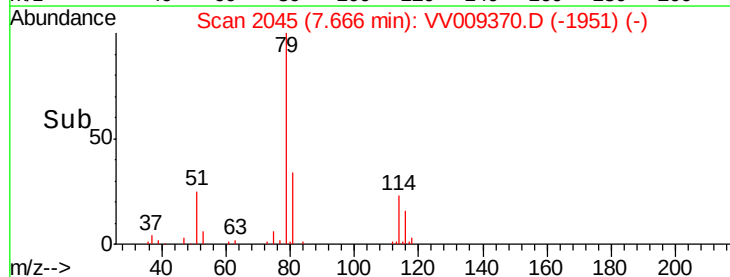
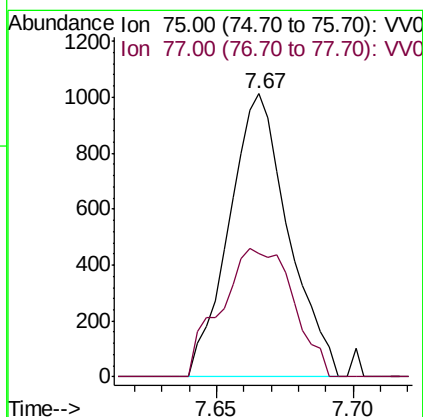
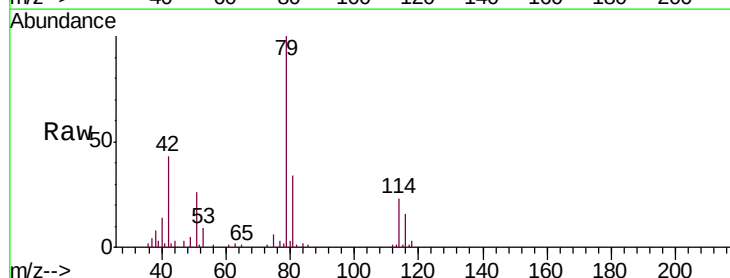
Tgt Ion: 75 Resp: 2501
Ion Ratio Lower Upper
75 100
77 46.9 21.4 39.8#

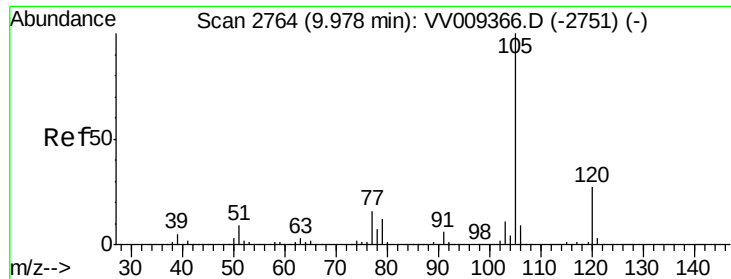


#45

trans-1,3-Dichloropropene
Concen: 0.559 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009370.D
Acq: 26 Feb 2019 16:51

Tgt Ion: 75 Resp: 1526
Ion Ratio Lower Upper
75 100
77 43.7 22.5 41.7#





#57

Isopropylbenzene

Concen: 2.554 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.03 min

Lab File: VV009370.D

Acq: 26 Feb 2019 16:51

Instrument :

MSVOA_V

ClientSampleId :

DB608

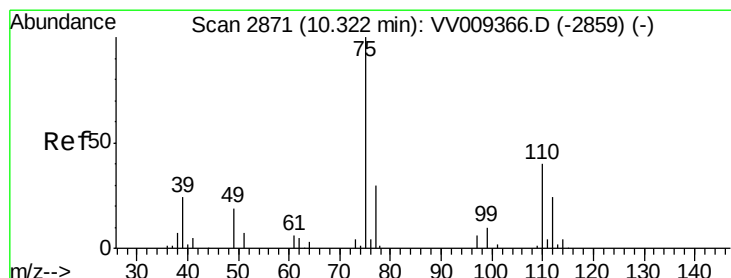
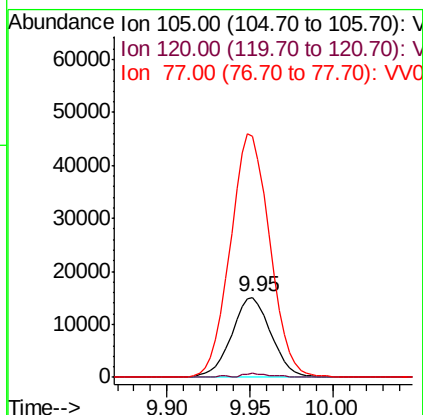
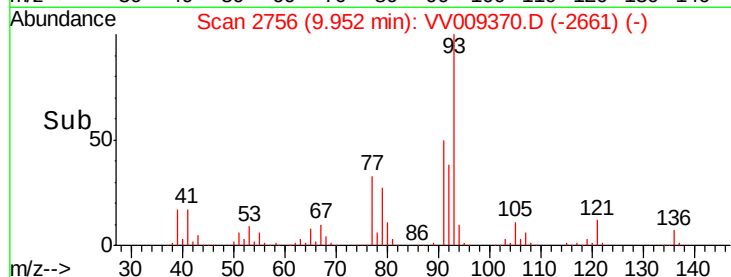
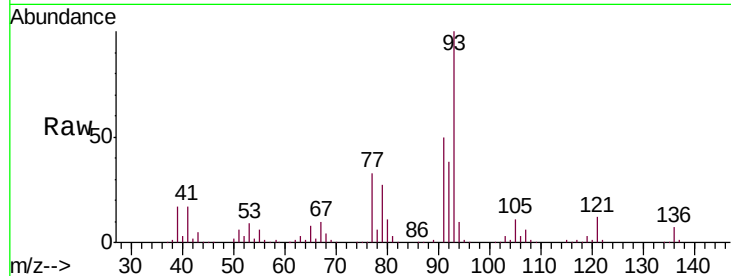
Tgt Ion: 105 Resp: 25130

Ion Ratio Lower Upper

105 100

120 3.5 21.4 32.2#

77 302.8 12.8 19.2#



#59

1,2,3-Trichloropropane

Concen: 0.323 ug/L

RT: 9.95 min Scan# 2754

Delta R.T. -0.38 min

Lab File: VV009370.D

Acq: 26 Feb 2019 16:51

Tgt Ion: 75 Resp: 489

Ion Ratio Lower Upper

75 100

77 15560.7 25.9 38.9#

