

Data File : VV009392.D
Acq On : 27 Feb 2019 12:21
Operator : SY/MD
Sample : K1553-12
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Feb 28 04:35:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	179565	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	163121	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73554	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53177	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
7) Chloroethane-d5	1.57	69	74070	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.88%
10) 1,1-Dichloroethene-d2	2.13	63	111682	18.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.76%
20) 2-Butanone-d5	3.95	46	32001	47.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.04%
24) Chloroform-d	4.40	84	105133	24.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	5.08	65	62485	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.72%
29) Benzene-d6	5.10	84	216766	25.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.00%
33) 1,2-Dichloropropane-d6	6.12	67	66907	26.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.32%
37) Toluene-d8	7.36	98	210500	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.24%
38) trans-1,3-Dichloropropene-	7.67	79	29968	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.36%
39) 2-Hexanone-d5	8.14	63	27859	51.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61388	24.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	69585	25.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.16%

Target Compounds

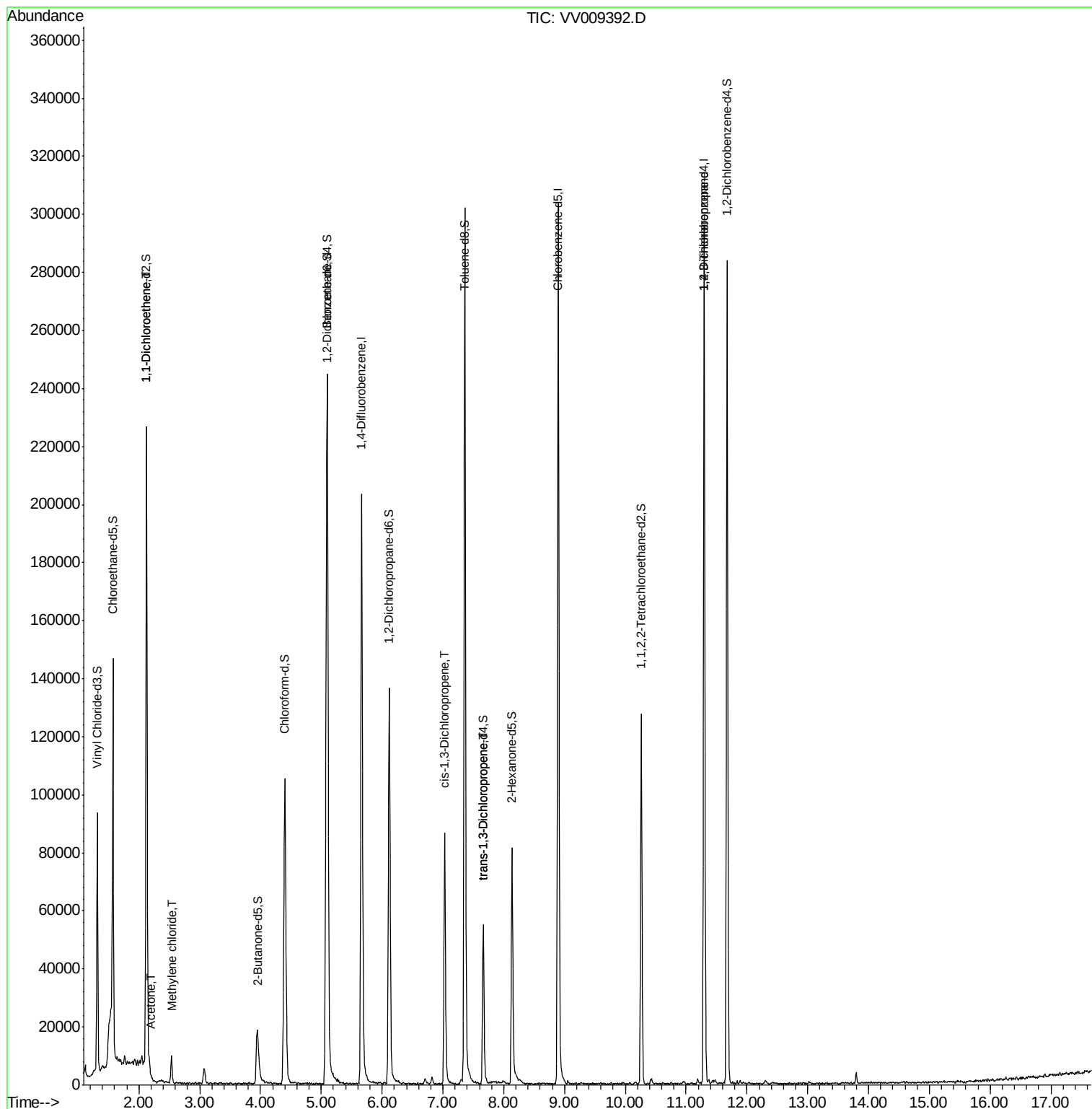
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1365	0.529 ug/L #	1
13) Acetone	2.20	43	717	0.921 ug/L	81
16) Methylene chloride	2.53	84	3535	1.453 ug/L	92
42) cis-1,3-Dichloropropene	7.03	75	2526	0.704 ug/L #	65
45) trans-1,3-Dichloropropene	7.66	75	1643	0.505 ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	10761	5.953 ug/L	91

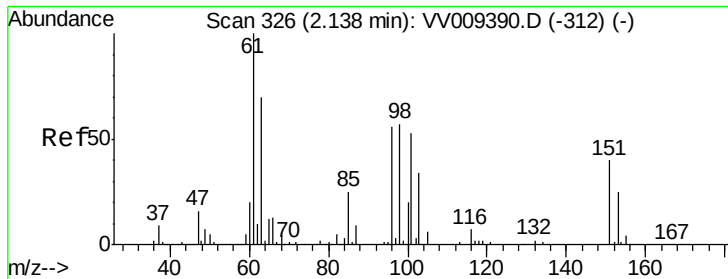
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.529 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

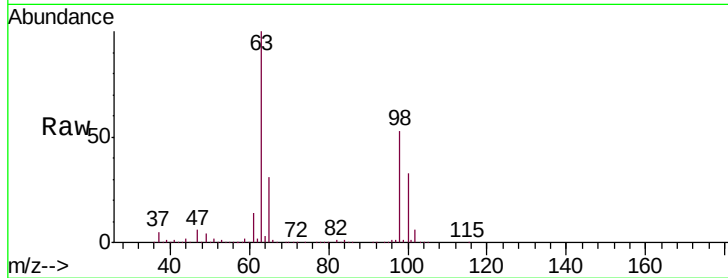
Tgt Ion: 96 Resp: 1365

Ion Ratio Lower Upper

96 100

61 1354.3 136.9 254.3#

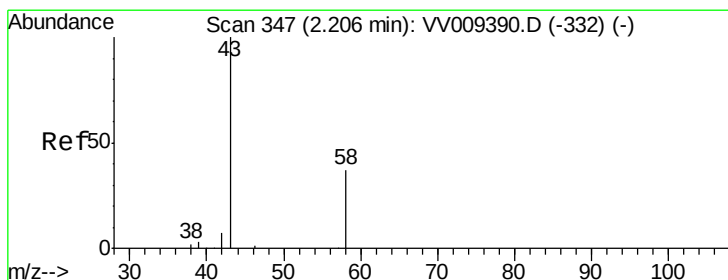
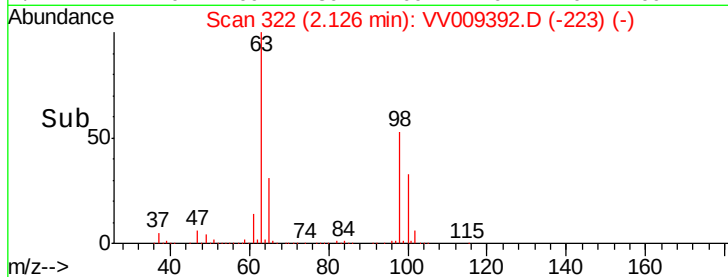
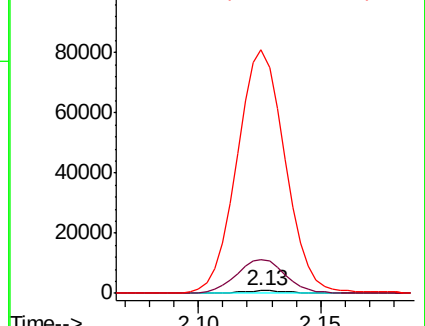
63 9611.4 108.7 201.9#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 0.921 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

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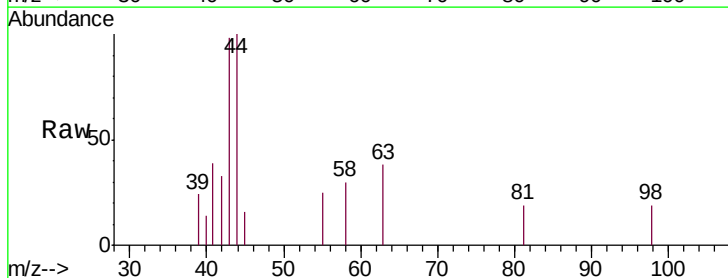
Acq: 27 Feb 2019 12:21

Tgt Ion: 43 Resp: 717

Ion Ratio Lower Upper

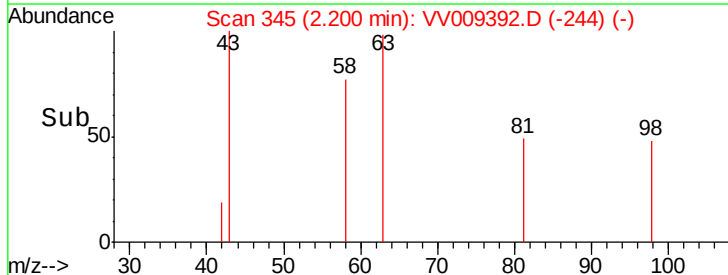
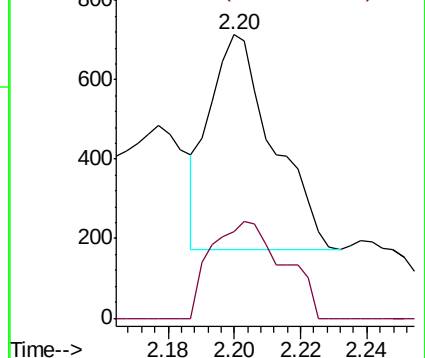
43 100

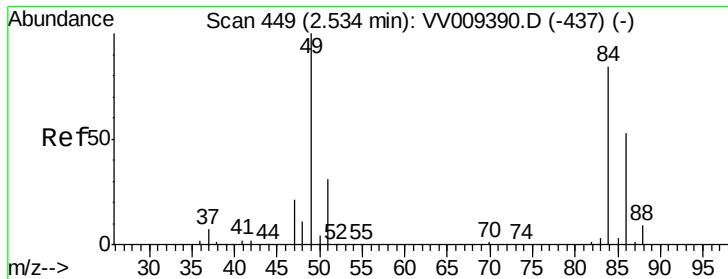
58 45.2 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

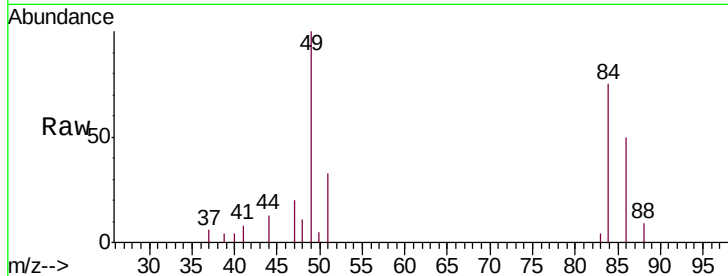




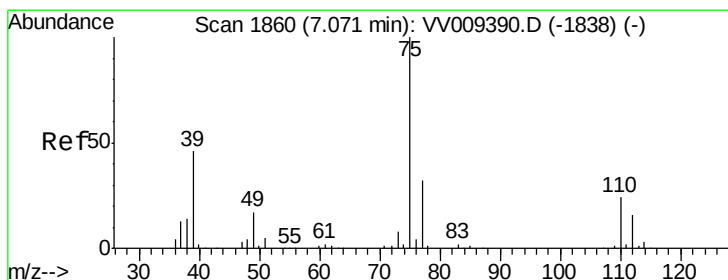
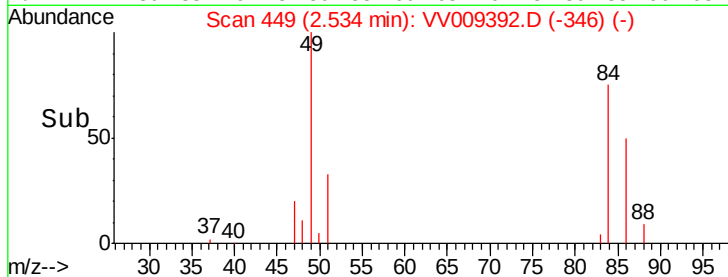
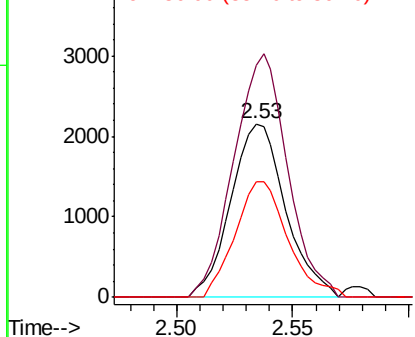
#16
Methylene chloride
Concen: 1.453 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
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MSVOA_V
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VHBLK01

Tgt Ion: 84 Resp: 3535
Ion Ratio Lower Upper
84 100
49 133.6 84.6 157.0
86 66.6 46.1 85.7

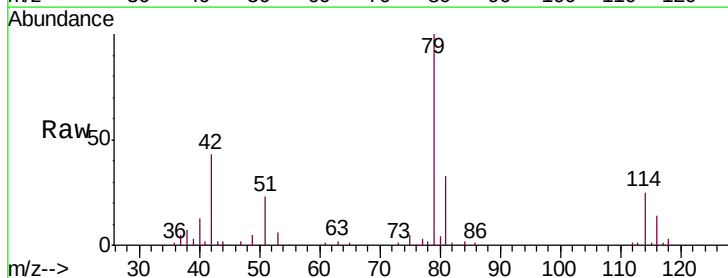


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

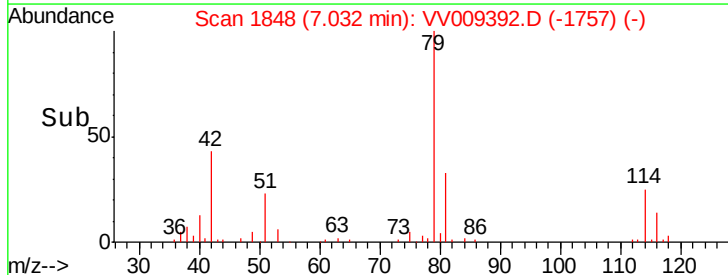
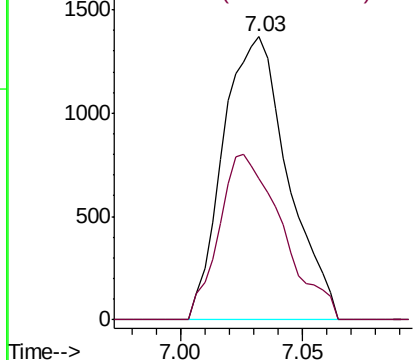


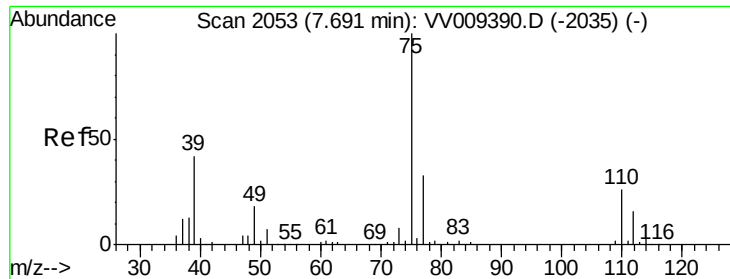
#42
cis-1,3-Dichloropropene
Concen: 0.704 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009392.D
Acq: 27 Feb 2019 12:21

Tgt Ion: 75 Resp: 2526
Ion Ratio Lower Upper
75 100
77 50.0 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: 0.505 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009392.D

Acq: 27 Feb 2019 12:21

Instrument :

MSVOA_V

ClientSampleId :

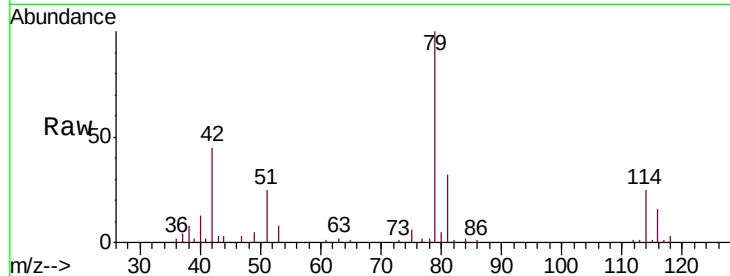
VHBLK01

Tgt Ion: 75 Resp: 1643

Ion Ratio Lower Upper

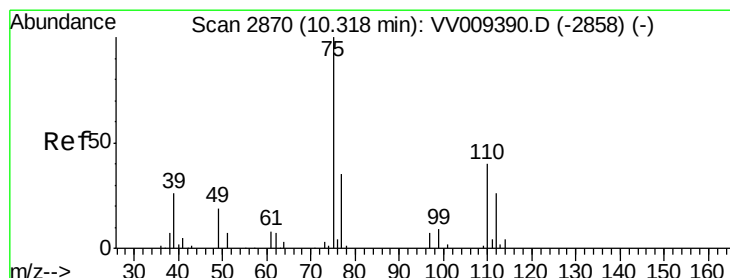
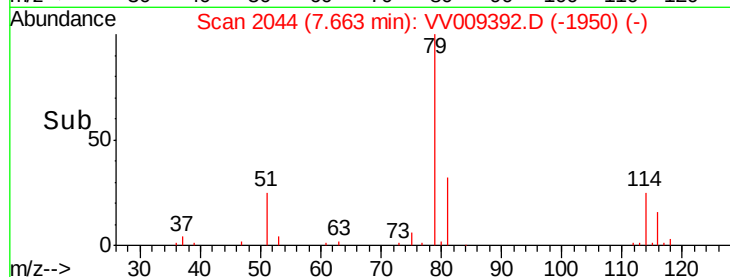
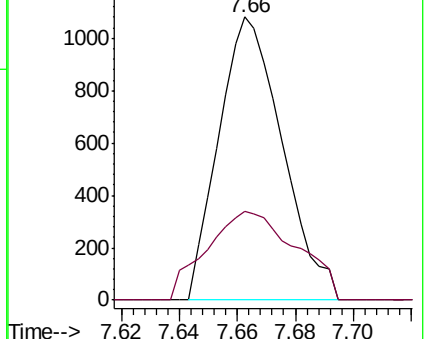
75 100

77 31.4 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VV009390.D (-2035) (-)

Ion 77.00 (76.70 to 77.70): VV009390.D (-2035) (-)



#59

1,2,3-Trichloropropane

Concen: 5.953 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009392.D

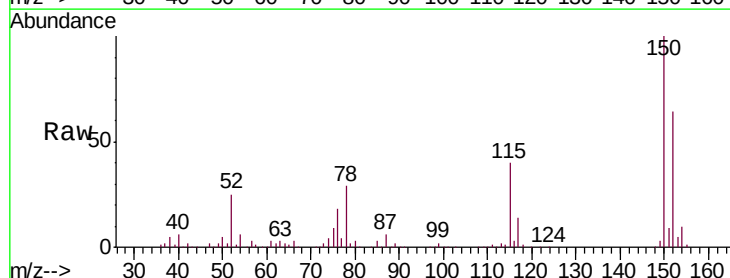
Acq: 27 Feb 2019 12:21

Tgt Ion: 75 Resp: 10761

Ion Ratio Lower Upper

75 100

77 37.4 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV009390.D (-2858) (-)

Ion 77.00 (76.70 to 77.70): VV009390.D (-2858) (-)

