

Data File : VV009409.D
Acq On : 27 Feb 2019 20:02
Operator : SY/MD
Sample : K1601-10
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Feb 28 04:37:46 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	5.67	114	177057	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168251	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76164	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48769	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
7) Chloroethane-d5	1.58	69	76820	26.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.08%
10) 1,1-Dichloroethene-d2	2.13	63	100891	17.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.52%
20) 2-Butanone-d5	3.95	46	34155	50.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.78%
24) Chloroform-d	4.41	84	108377	25.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.96%
26) 1,2-Dichloroethane-d4	5.08	65	62657	26.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.48%
29) Benzene-d6	5.10	84	221189	24.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.92%
33) 1,2-Dichloropropane-d6	6.12	67	68371	26.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.32%
37) Toluene-d8	7.36	98	212107	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.88%
38) trans-1,3-Dichloropropene-	7.66	79	31056	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.80%
39) 2-Hexanone-d5	8.14	63	27167	48.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	64182	25.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.28%
61) 1,2-Dichlorobenzene-d4	11.68	152	73645	26.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.40%

Target Compounds

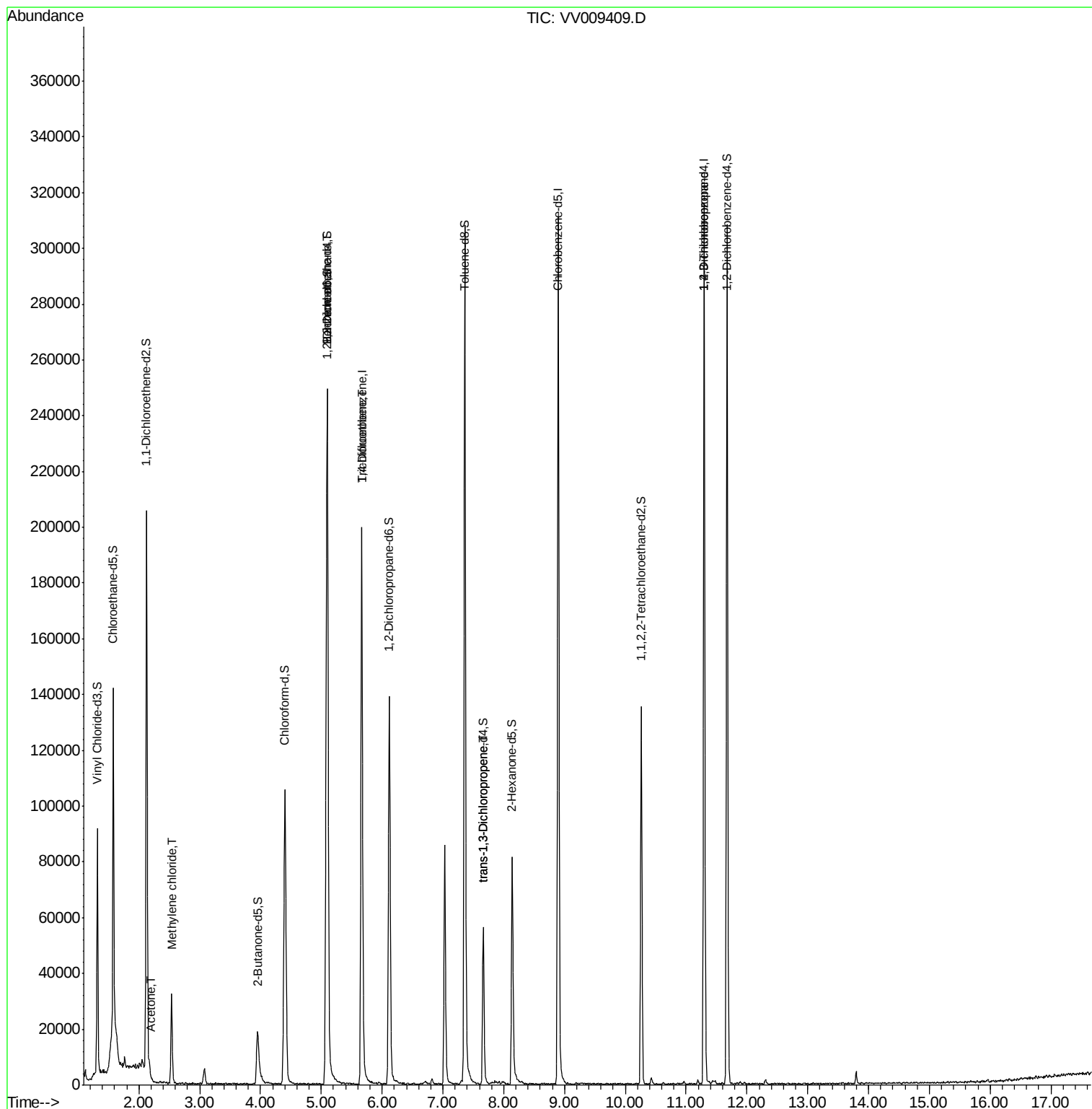
					Qvalue
13) Acetone	2.20	43	605	0.789 ug/L	93
16) Methylene chloride	2.54	84	13347	5.565 ug/L	99
27) 1,2-Dichloroethane	5.10	62	1273	0.431 ug/L #	77
35) Trichloroethene	5.67	95	5031	1.937 ug/L #	6
45) trans-1,3-Dichloropropene	7.66	75	1830	0.545 ug/L #	80
59) 1,2,3-Trichloropropane	11.30	75	10873	5.832 ug/L	91

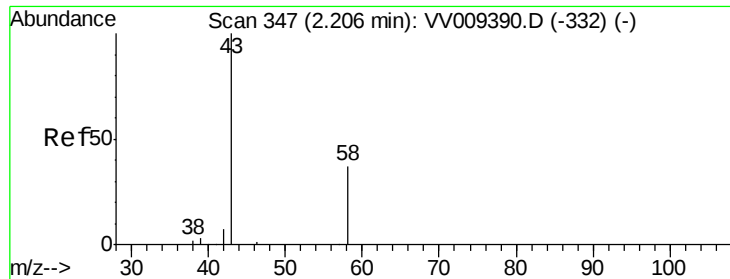
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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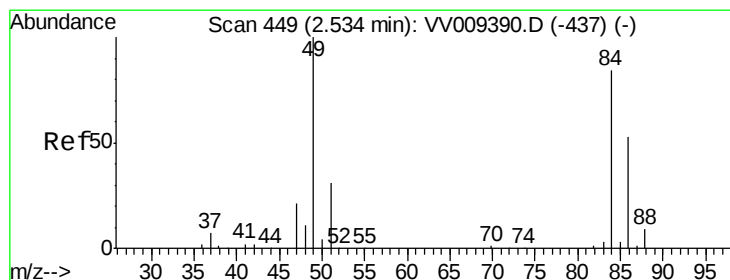
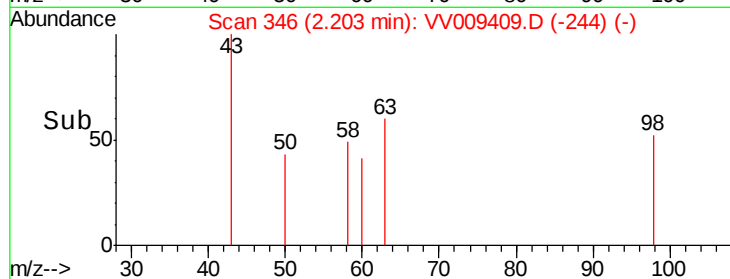
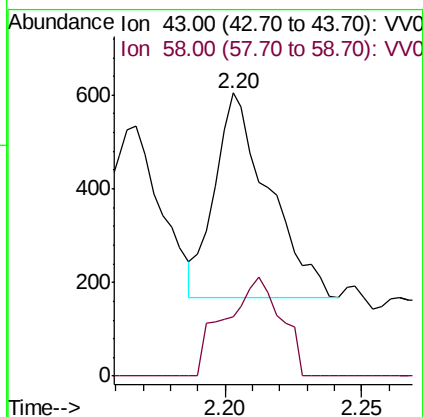
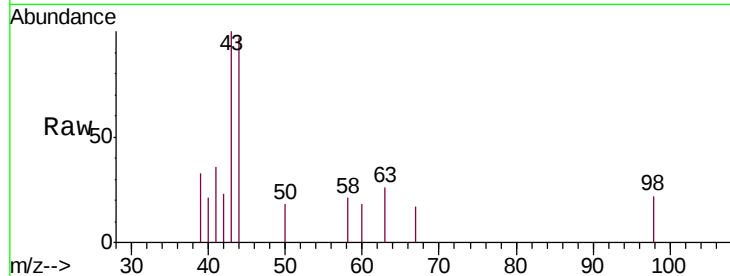




#13
Acetone
Concen: 0.789 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.00 min
Lab File: VV009409.D
Acq: 27 Feb 2019 20:02

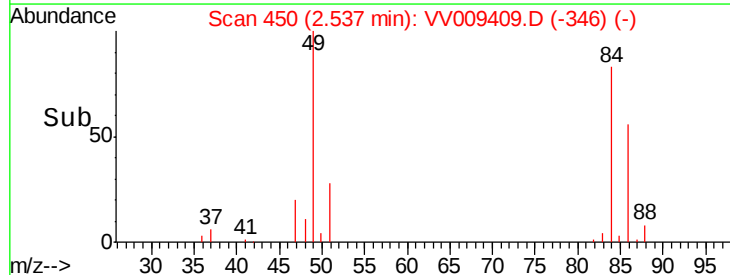
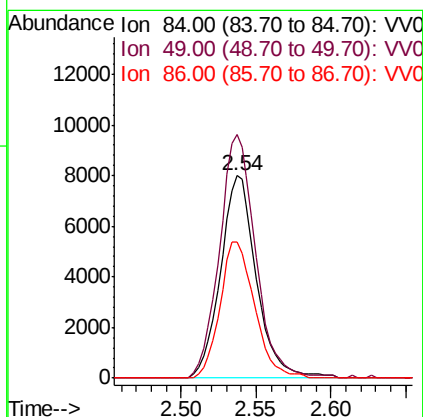
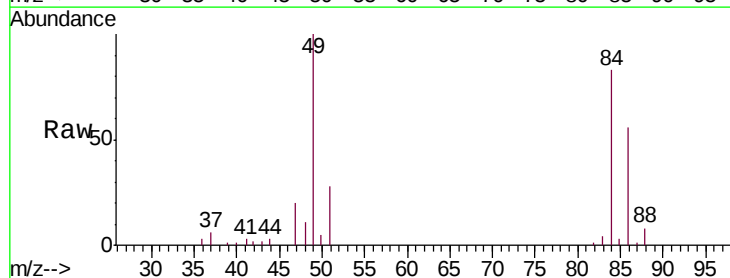
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

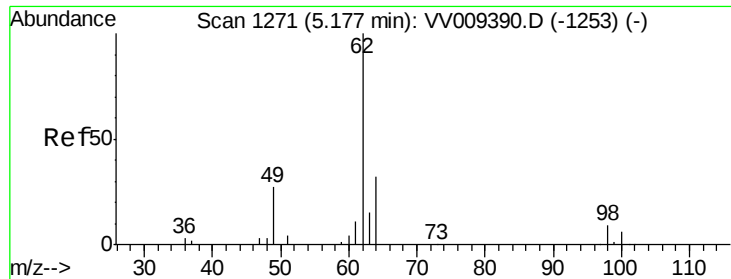
Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 38.3 0.0 68.8



#16
Methylene chloride
Concen: 5.565 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009409.D
Acq: 27 Feb 2019 20:02

Tgt Ion: 84 Resp: 13347
Ion Ratio Lower Upper
84 100
49 120.3 84.6 157.0
86 67.3 46.1 85.7





#27

1,2-Dichloroethane

Concen: 0.431 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV009409.D

Acq: 27 Feb 2019 20:02

Instrument :

MSVOA_V

ClientSampleId :

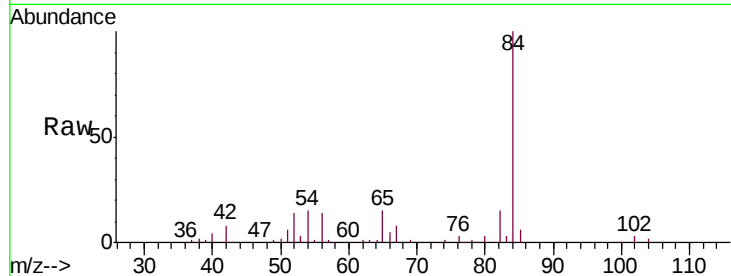
VHBLK01

Tgt Ion: 62 Resp: 1273

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV009390.D (-1253) (-)

Ion 98.00 (97.70 to 98.70): VV009390.D (-1253) (-)

5.10

600

400

200

0

5.05

5.10

5.15

5.20

5.25

5.30

5.35

5.40

5.45

5.50

5.55

5.60

5.65

5.70

5.75

5.80

5.85

5.90

5.95

6.00

6.05

6.10

6.15

6.20

6.25

6.30

6.35

6.40

6.45

6.50

6.55

6.60

6.65

6.70

6.75

6.80

6.85

6.90

6.95

7.00

7.05

7.10

7.15

7.20

7.25

7.30

7.35

7.40

7.45

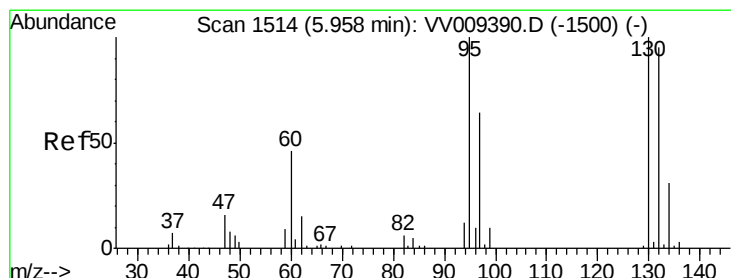
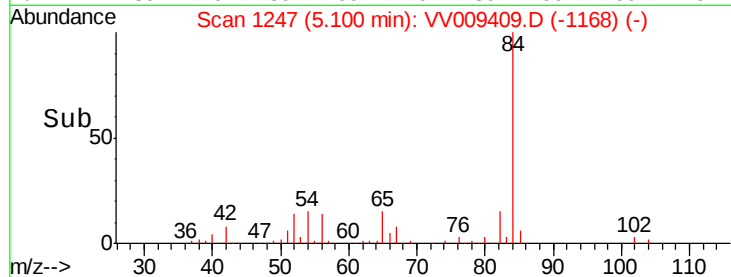
7.50

7.55

7.60

7.65

7.70



#35

Trichloroethene

Concen: 1.937 ug/L

RT: 5.67 min Scan# 1423

Delta R.T. -0.29 min

Lab File: VV009409.D

Acq: 27 Feb 2019 20:02

Tgt Ion: 95 Resp: 5031

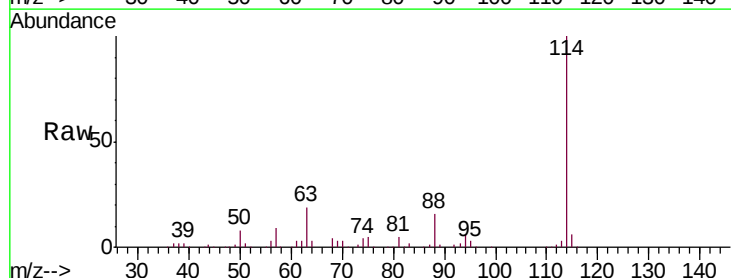
Ion Ratio Lower Upper

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): VV009390.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV009390.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV009390.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV009390.D (-1500) (-)

5.67

3000

2000

1000

0

5.60

5.65

5.70

5.75

5.80

5.85

5.90

5.95

6.00

6.05

6.10

6.15

6.20

6.25

6.30

6.35

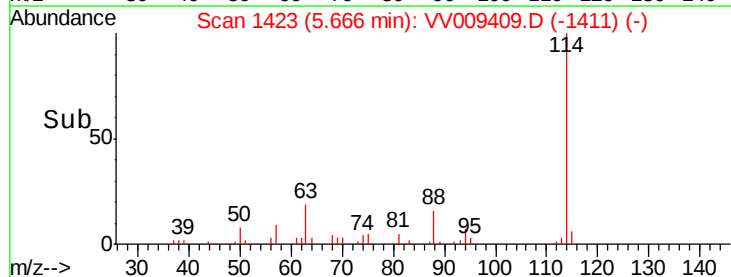
6.40

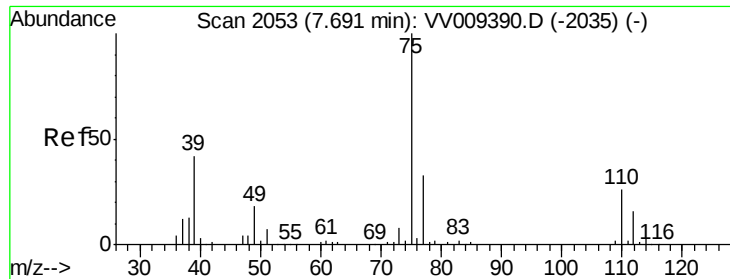
6.45

6.50

6.55

6.60





#45

trans-1,3-Dichloropropene

Concen: 0.545 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009409.D

Acq: 27 Feb 2019 20:02

Instrument :

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ClientSampleId :

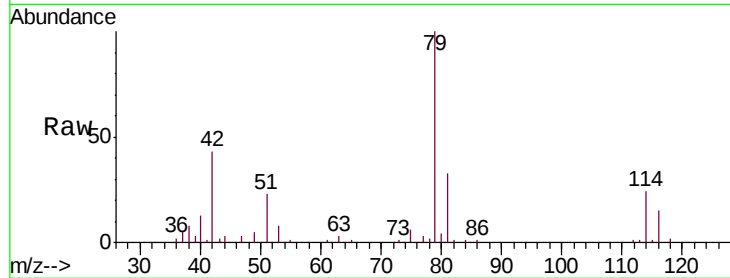
VHBLK01

Tgt Ion: 75 Resp: 1830

Ion Ratio Lower Upper

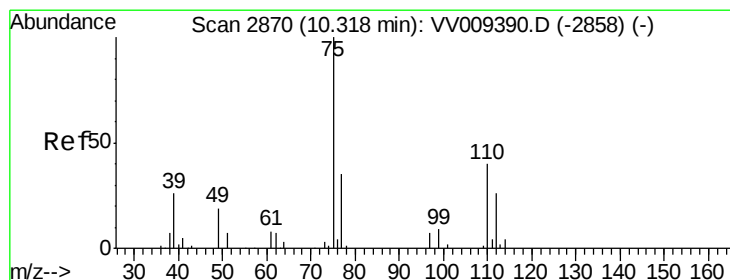
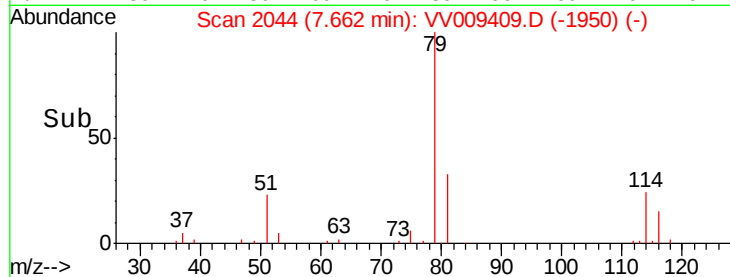
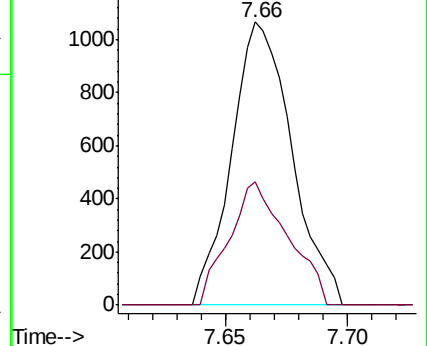
75 100

77 43.5 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: 5.832 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009409.D

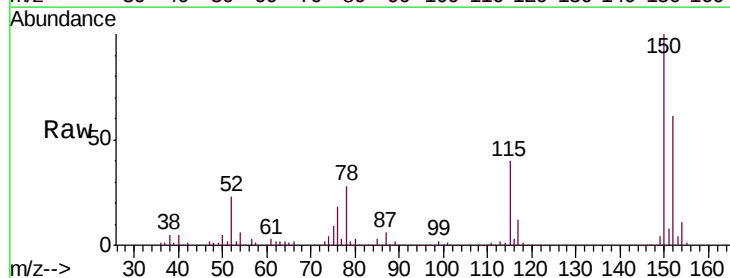
Acq: 27 Feb 2019 20:02

Tgt Ion: 75 Resp: 10873

Ion Ratio Lower Upper

75 100

77 37.2 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) (-)

