

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102518\
 Data File : VV008409.D
 Acq On : 25 Oct 2018 15:14
 Operator : SY/MD
 Sample : VV1025WBL01
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK75

Quant Time: Oct 25 23:20:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 23:17:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	210418	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	187400	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77640	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64747	55.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.16%
7) Chloroethane-d5	1.57	69	50228	59.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.42%
11) 1,1-Dichloroethene-d2	2.13	63	91933	43.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.38%
21) 2-Butanone-d5	3.93	46	130160	102.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.80%
24) Chloroform-d	4.40	84	152187	52.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.92%
26) 1,2-Dichloroethane-d4	5.08	65	103765	54.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.02%
32) Benzene-d6	5.10	84	315699	59.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.24%
36) 1,2-Dichloropropane-d6	6.12	67	106200	57.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.58%
41) Toluene-d8	7.36	98	282501	58.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.52%
43) trans-1,3-Dichloropropene-	7.66	79	51212	56.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.74%
47) 2-Hexanone-d5	8.13	63	99753	103.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	134231	53.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	90498	56.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.96%

Target Compounds

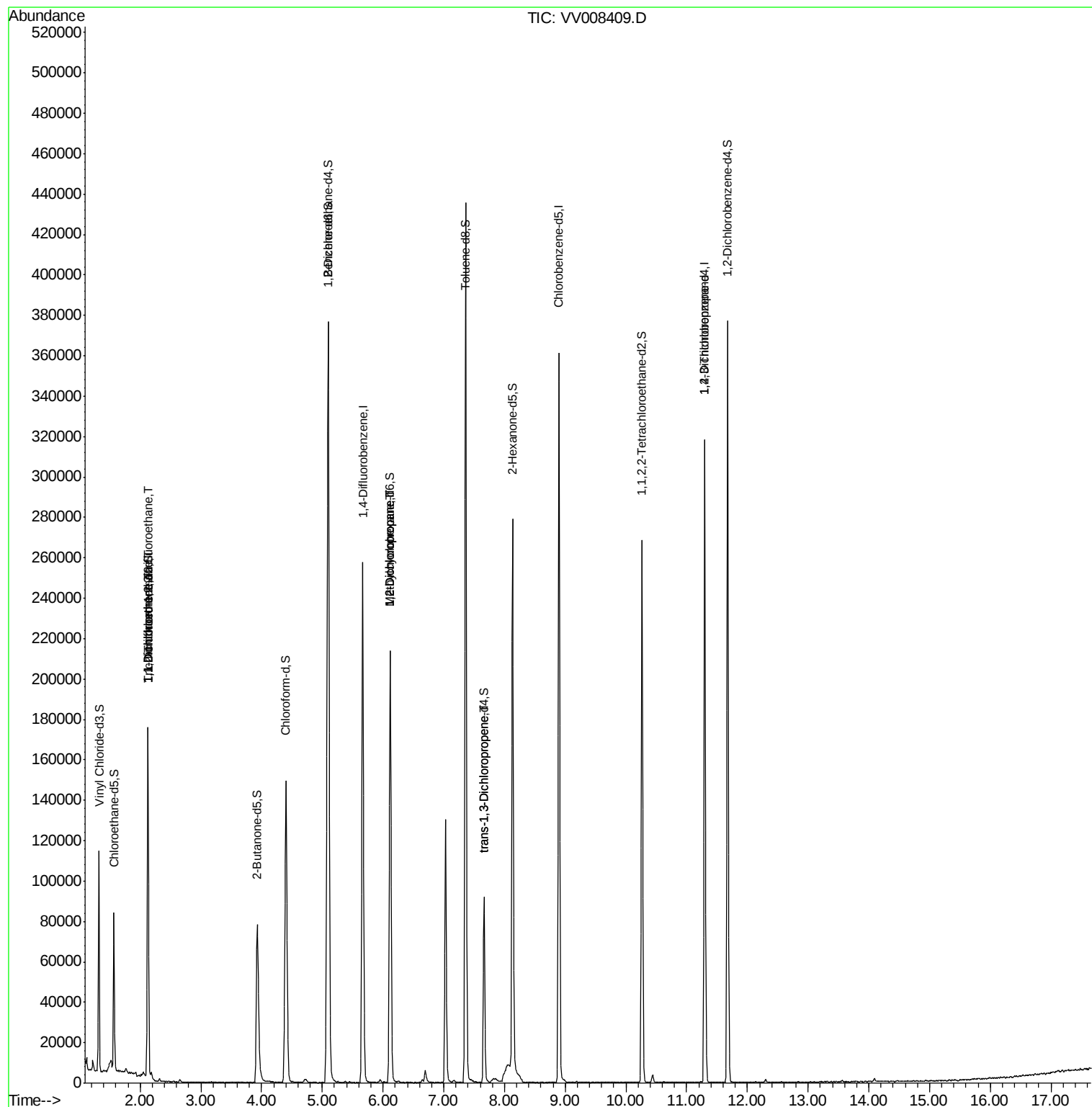
					Qvalue
9) Trichlorofluoromethane	2.13	101	803	0.418 ug/L #	40
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	803	0.801 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	781	0.827 ug/L #	1
35) Methylcyclohexane	6.12	83	24195	9.074 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	11212	6.627 ug/L #	89
44) trans-1,3-Dichloropropene	7.67	75	2330	0.936 ug/L #	76
59) 1,2,3-Trichloropropene	11.30	75	10072	4.750 ug/L	91

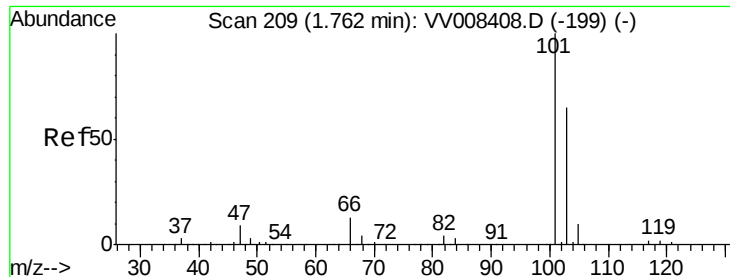
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 25 23:17:12 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.418 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.36 min

Lab File: VV008409.D

Acq: 25 Oct 2018 15:14

Instrument :

MSVOA_V

ClientSampleId :

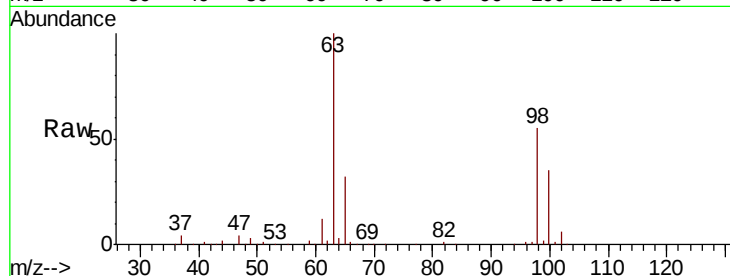
VBLK75

Tgt Ion:101 Resp: 803

Ion Ratio Lower Upper

101 100

103 16.6 51.0 76.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

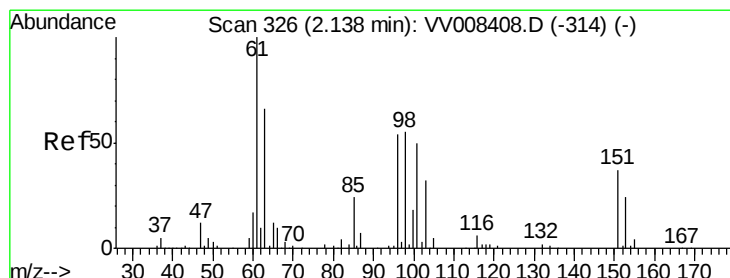
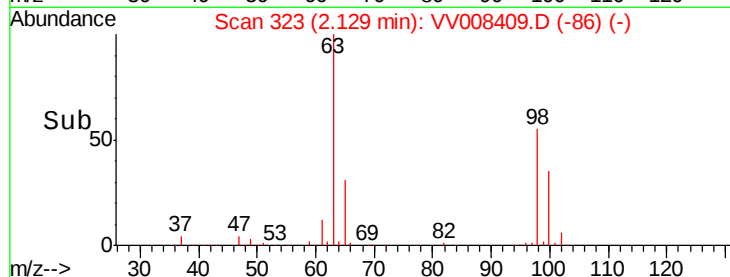
2.13

400

200

0

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.801 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008409.D

Acq: 25 Oct 2018 15:14

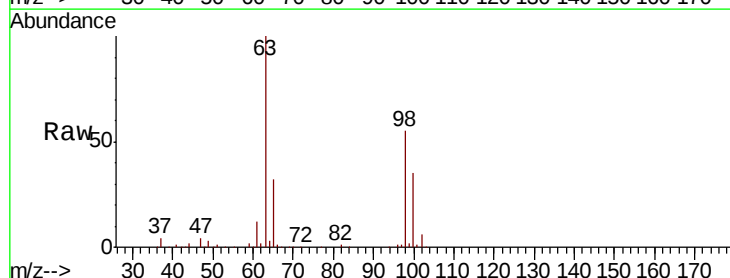
Tgt Ion:101 Resp: 803

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 58.1 87.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.13

800

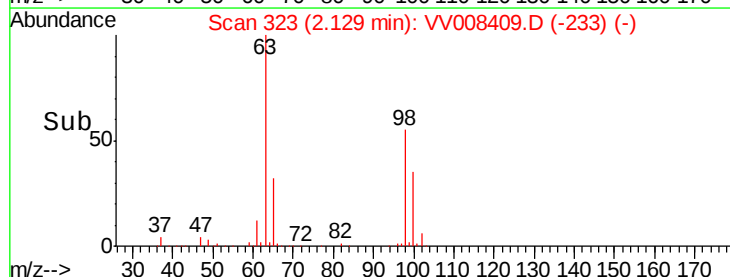
600

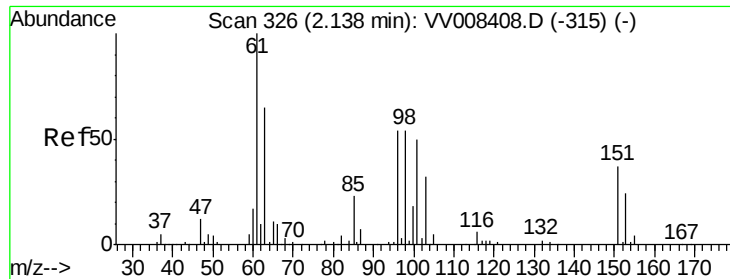
400

200

0

Time-->

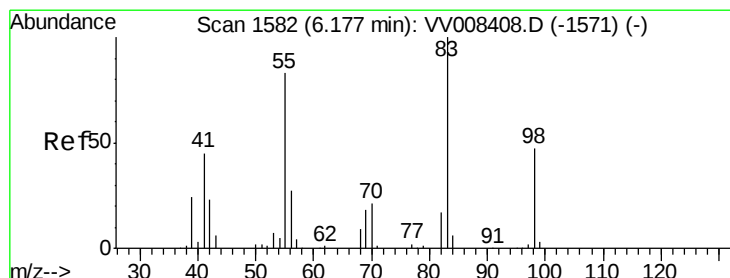
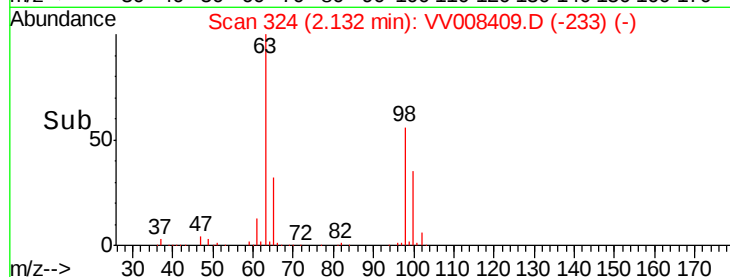
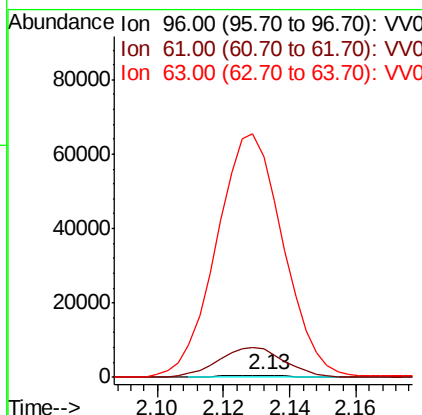
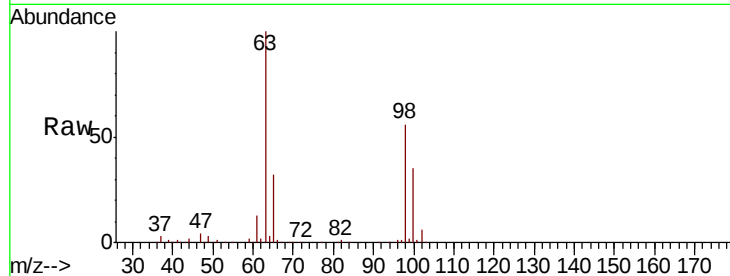




#12
 1,1-Dichloroethene
 Concen: 0.827 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV008409.D
 Acq: 25 Oct 2018 15:14

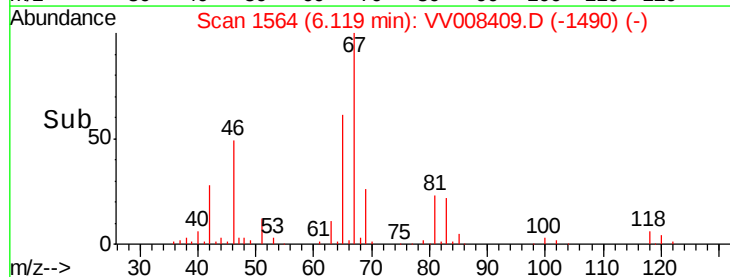
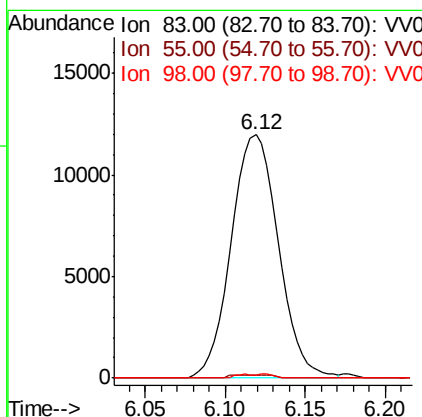
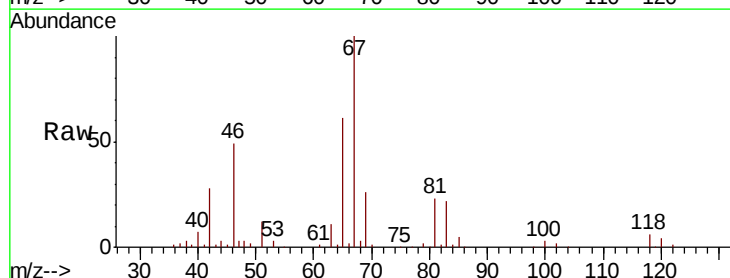
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK75

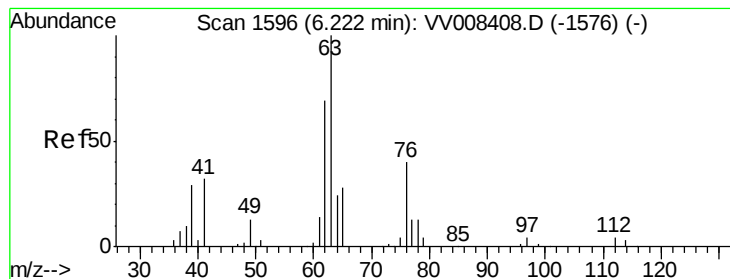
Tgt Ion: 96 Resp: 781
 Ion Ratio Lower Upper
 96 100
 61 1528.5 130.3 242.1#
 63 12060.2 84.4 156.8#



#35
 Methylcyclohexane
 Concen: 9.074 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.06 min
 Lab File: VV008409.D
 Acq: 25 Oct 2018 15:14

Tgt Ion: 83 Resp: 24195
 Ion Ratio Lower Upper
 83 100
 55 0.1 65.0 97.4#
 98 0.5 36.0 54.0#





#37

1,2-Dichloropropane

Concen: 6.627 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008409.D

Acq: 25 Oct 2018 15:14

Instrument :

MSVOA_V

ClientSampleId :

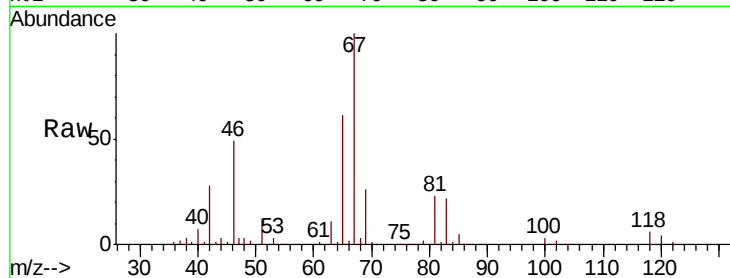
VBLK75

Tgt Ion: 63 Resp: 11212

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VV008409.D (-1504) (-)

Ion 112.00 (111.70 to 112.70): VV008409.D (-1504) (-)

6000

4000

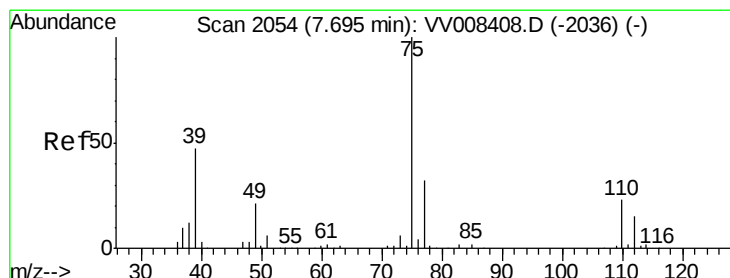
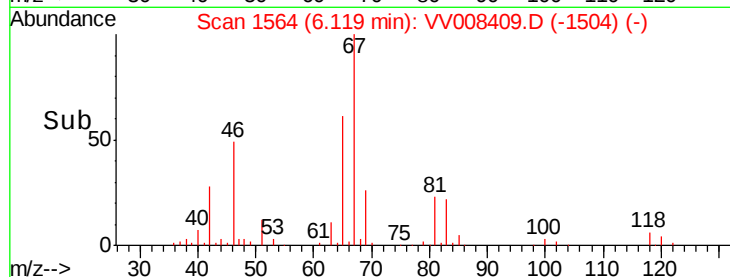
2000

0

6.05 6.10 6.15

6.12

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.936 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008409.D

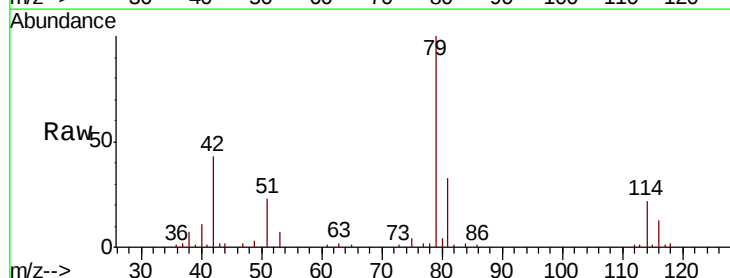
Acq: 25 Oct 2018 15:14

Tgt Ion: 75 Resp: 2330

Ion Ratio Lower Upper

75 100

77 44.3 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008409.D (-1961) (-)

Ion 77.00 (76.70 to 77.70): VV008409.D (-1961) (-)

1500

1000

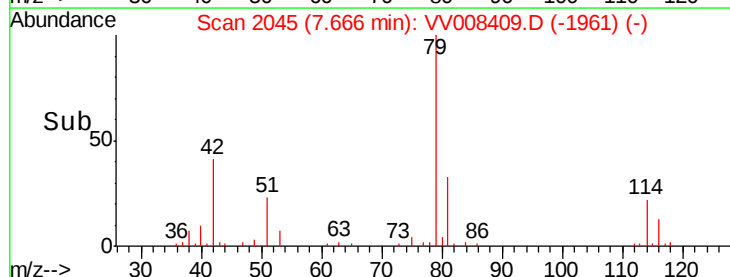
500

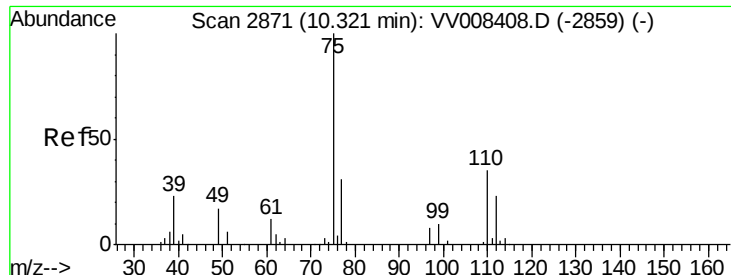
0

7.65 7.70

7.67

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.750 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008409.D

Acq: 25 Oct 2018 15:14

Instrument :

MSVOA_V

ClientSampleId :

VBLK75

Tgt Ion: 75 Resp: 10072

Ion Ratio Lower Upper

75 100

77 37.4 25.8 38.8

