

Data File : VV014603.D
Acq On : 18 Feb 2020 11:38
Operator : SY/MD
Sample : L1489-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Feb 19 01:20:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 19 01:18:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	273272	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	255140	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	122100	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40645	38.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.46%
7) Chloroethane-d5	1.59	69	32047	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.84%
11) 1,1-Dichloroethene-d2	2.13	63	59089	33.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.48%
21) 2-Butanone-d5	3.92	46	93488	107.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.43%
24) Chloroform-d	4.40	84	146725	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	5.08	65	97395	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
32) Benzene-d6	5.10	84	296232	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
36) 1,2-Dichloropropane-d6	6.11	67	90878	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.90%
41) Toluene-d8	7.36	98	276915	47.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.34%
43) trans-1,3-Dichloropropene-	7.66	79	49121	48.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.94%
47) 2-Hexanone-d5	8.13	63	73387	99.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.93%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	128129	51.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.74%
64) 1,2-Dichlorobenzene-d4	11.67	152	110753	51.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.68%

Target Compounds

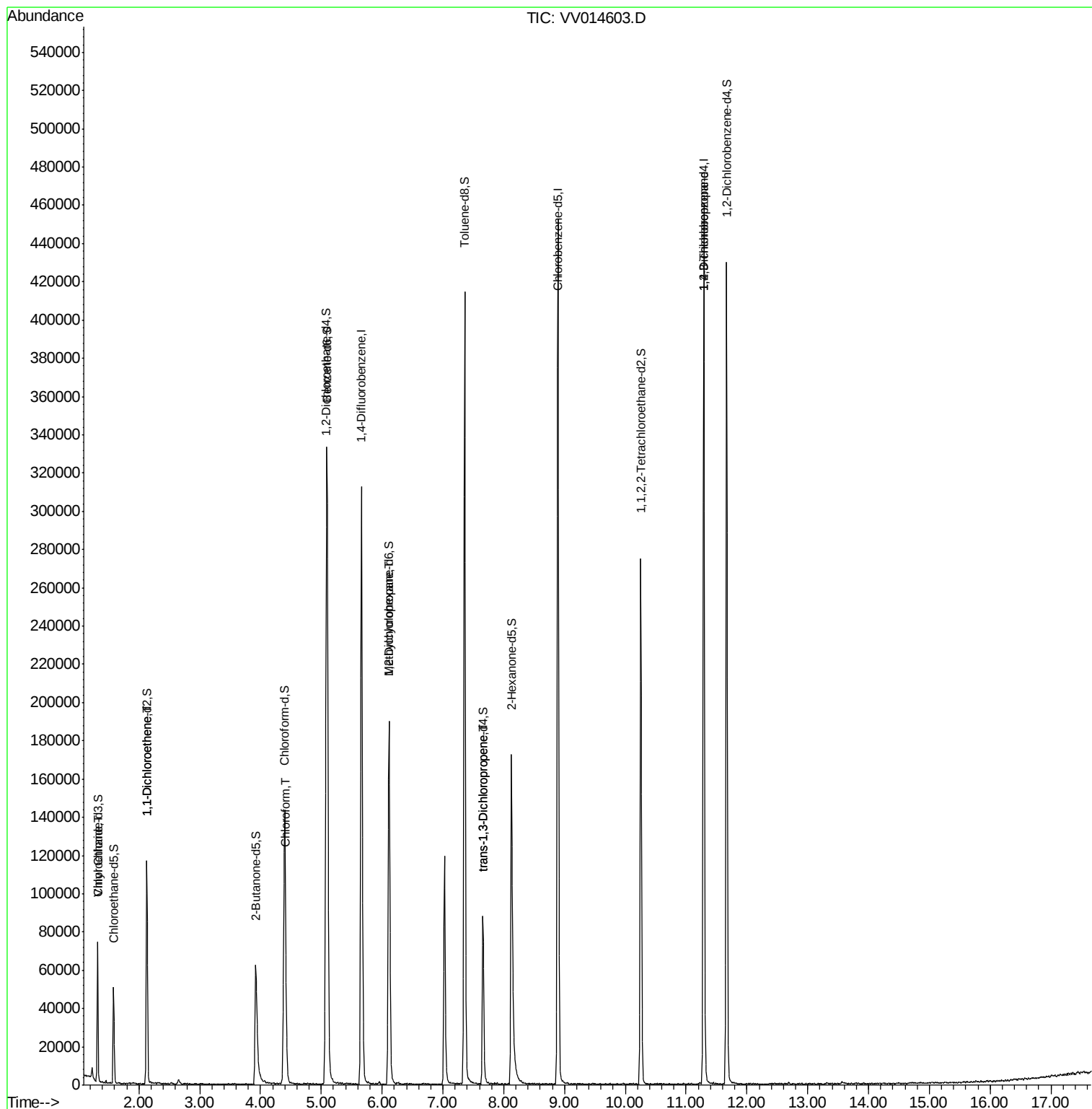
					Qvalue
8) Chloroethane	1.32	64	585	0.951 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	639	0.762 ug/L #	1
25) Chloroform	4.42	83	4205	1.311 ug/L	95
35) Methylcyclohexane	6.11	83	23541	8.318 ug/L #	20
44) trans-1,3-Dichloropropene	7.66	75	2381	0.903 ug/L #	79
59) 1,2,3-Trichloropropane	11.29	75	13194	6.198 ug/L	91

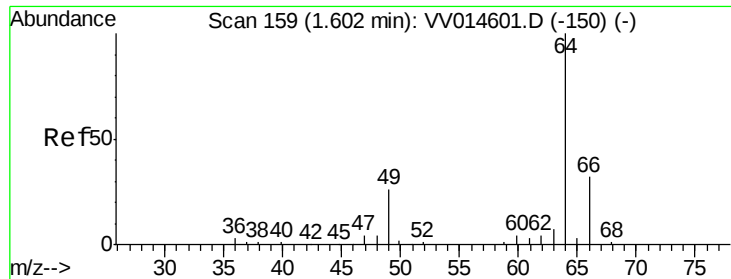
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.951 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

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Instrument :

MSVOA_V

ClientSampleId :

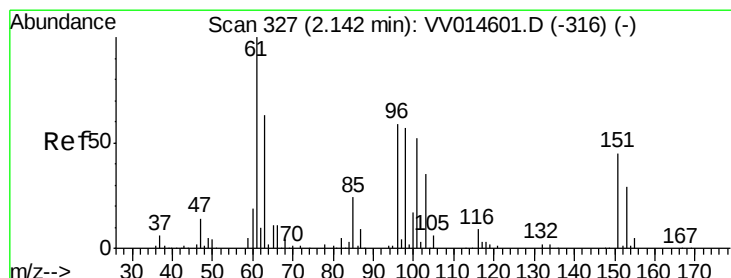
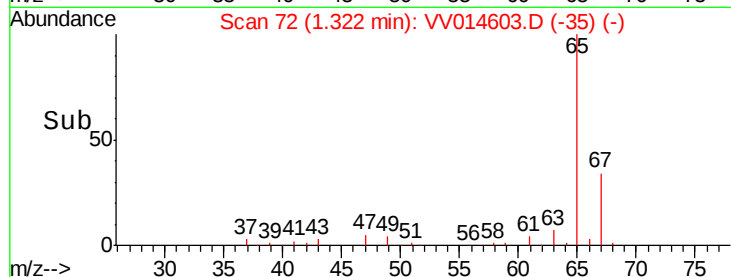
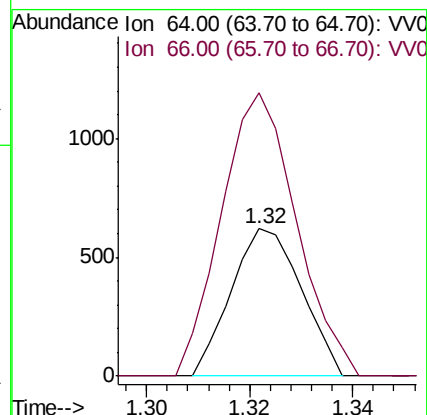
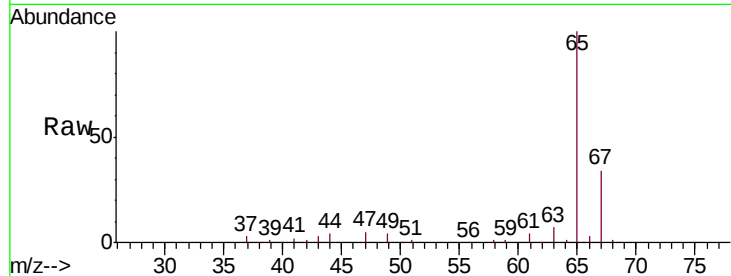
VHBLK01

Tgt Ion: 64 Resp: 585

Ion Ratio Lower Upper

64 100

66 192.1 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 0.762 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

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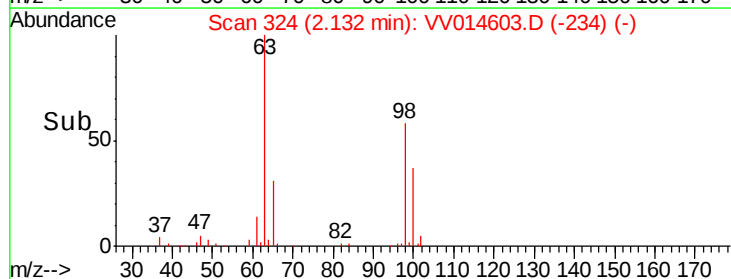
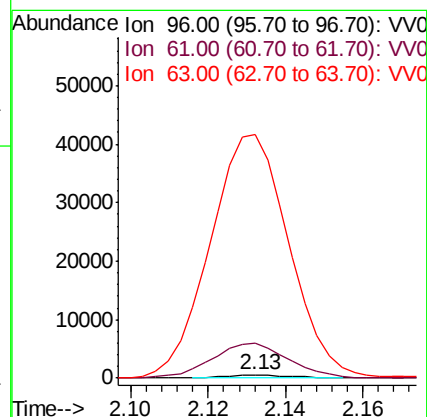
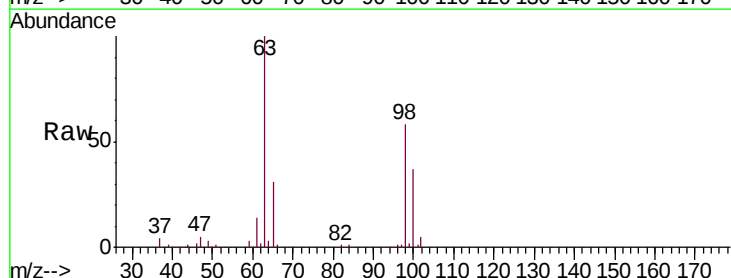
Tgt Ion: 96 Resp: 639

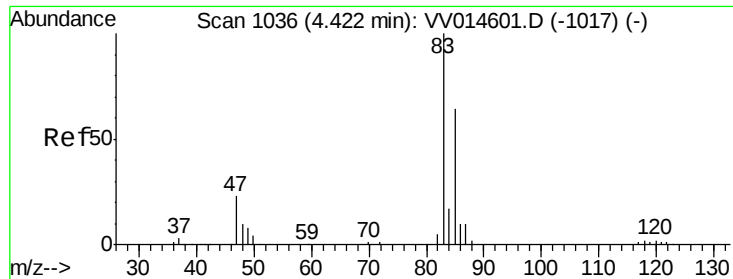
Ion Ratio Lower Upper

96 100

61 1158.8 124.2 230.6#

63 8213.0 89.2 165.8#

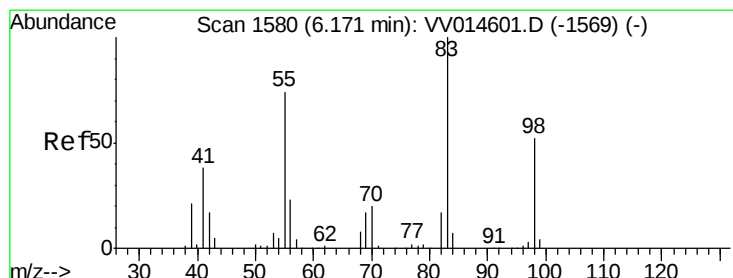
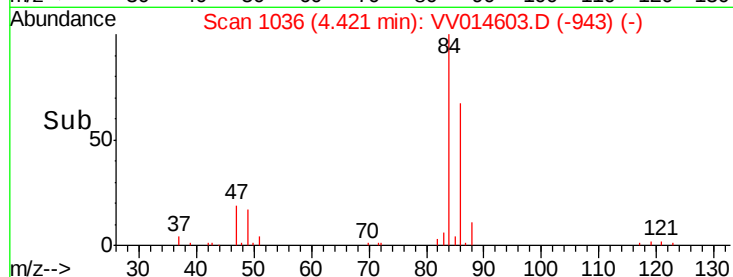
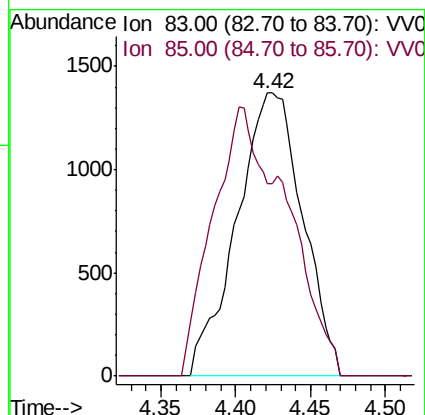
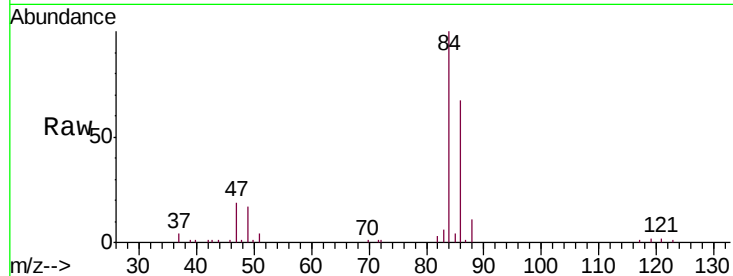




#25
Chloroform
Concen: 1.311 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
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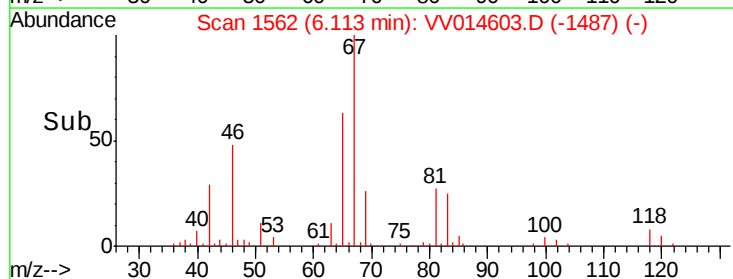
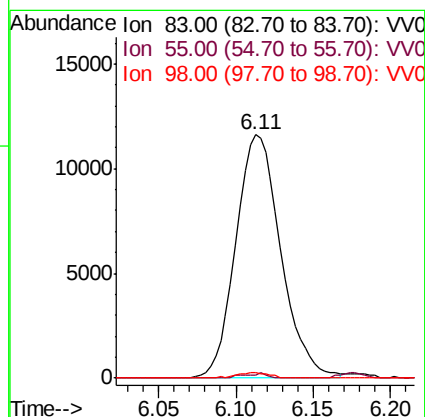
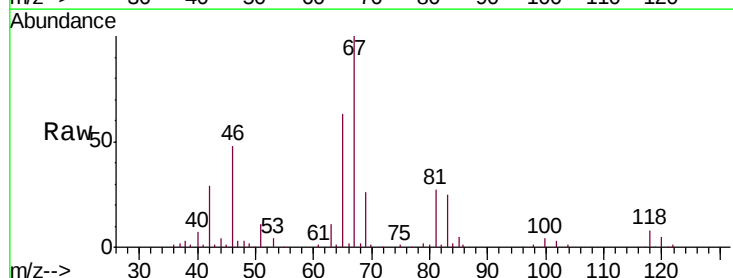
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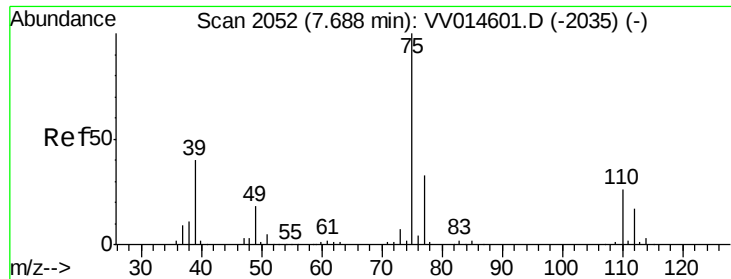
Tgt Ion: 83 Resp: 4205
Ion Ratio Lower Upper
83 100
85 68.0 45.0 83.6



#35
Methylcyclohexane
Concen: 8.318 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014603.D
Acq: 18 Feb 2020 11:38

Tgt Ion: 83 Resp: 23541
Ion Ratio Lower Upper
83 100
55 0.5 57.8 86.6#
98 1.5 39.7 59.5#





#44

trans-1,3-Dichloropropene

Concen: 0.903 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014603.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_V

ClientSampleId :

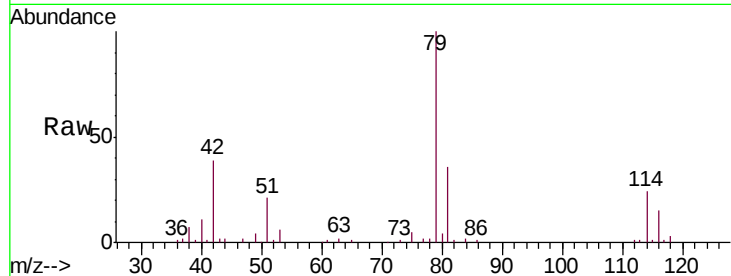
VHBLK01

Tgt Ion: 75 Resp: 2381

Ion Ratio Lower Upper

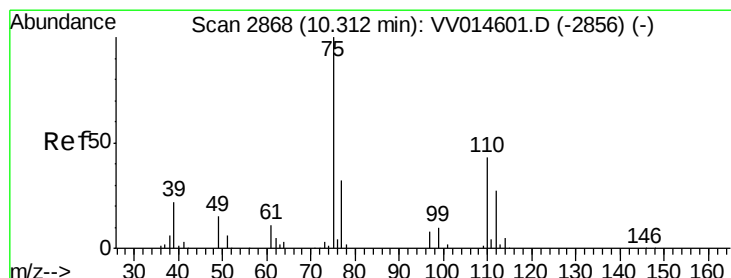
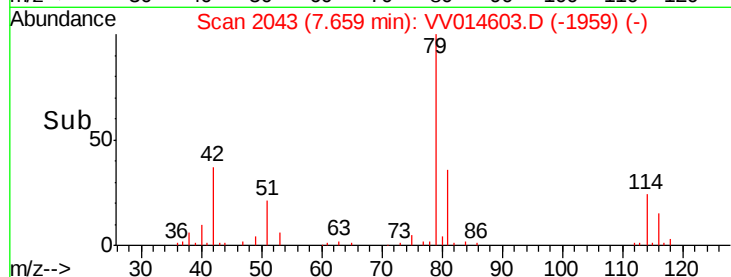
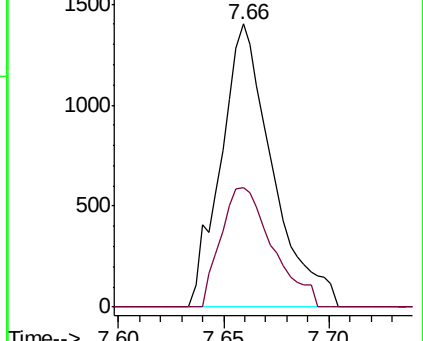
75 100

77 42.3 21.7 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 6.198 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014603.D

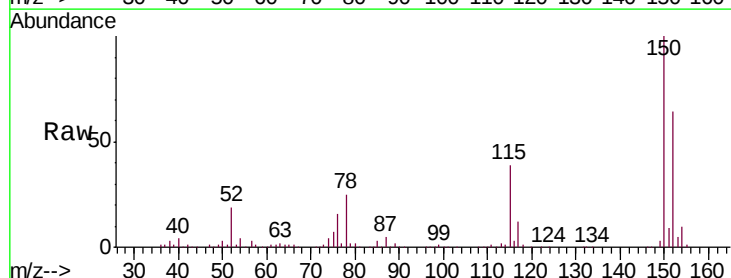
Acq: 18 Feb 2020 11:38

Tgt Ion: 75 Resp: 13194

Ion Ratio Lower Upper

75 100

77 37.6 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

