

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017216.D
 Acq On : 27 Jun 2020 05:49
 Operator : SY/MD
 Sample : L3133-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 07:01:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	348213	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	328609	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152348	50.00	ug/L	0.00

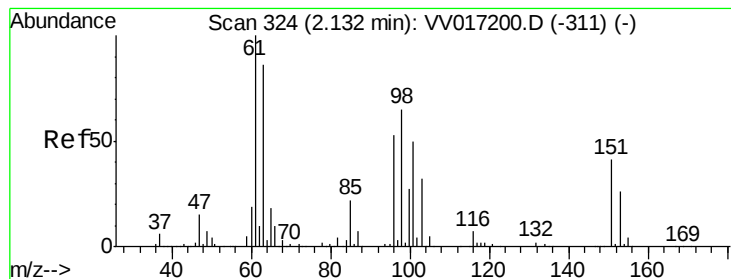
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94786	38.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.16%
7) Chloroethane-d5	1.58	69	61618	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.58%
11) 1,1-Dichloroethene-d2	2.12	63	150106	36.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.76%
21) 2-Butanone-d5	3.90	46	154499	84.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.96%
24) Chloroform-d	4.38	84	223008	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	5.05	65	163769	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
32) Benzene-d6	5.07	84	418460	44.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.36%
36) 1,2-Dichloropropane-d6	6.09	67	126907	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.96%
41) Toluene-d8	7.34	98	388303	44.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.34%
43) trans-1,3-Dichloropropene-	7.64	79	63197	41.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.18%
47) 2-Hexanone-d5	8.11	63	101345	78.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.73%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168720	43.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	158801	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1509	0.815 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1387	0.803 ug/L #	1
13) Acetone	2.19	43	59668	49.798 ug/L	97
22) 2-Butanone	4.01	43	3209	1.737 ug/L	76
34) Trichloroethene	5.94	95	89856	34.460 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	4711	1.199 ug/L	95
40) 4-Methyl-2-pentanone	7.26	43	3722	1.039 ug/L #	85
44) trans-1,3-Dichloropropene	7.64	75	3662	0.959 ug/L	92

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



#10

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

Concen: 0.815 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017216.D

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Instrument :

MSVOA_V

ClientSampleId :

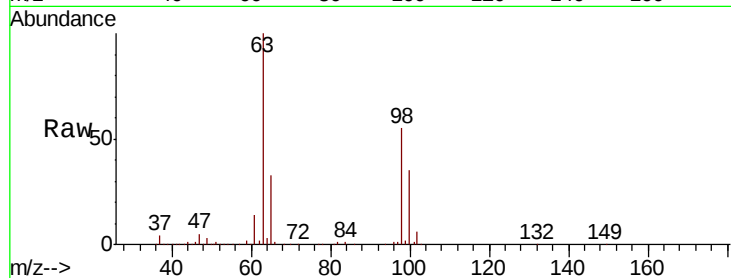
Tot Ion:101 Resp: 1509

Ion Ratio Lower Upper

101 100

85 2.9 35.5 53.3#

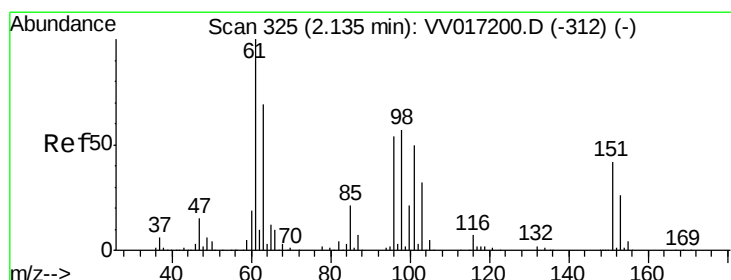
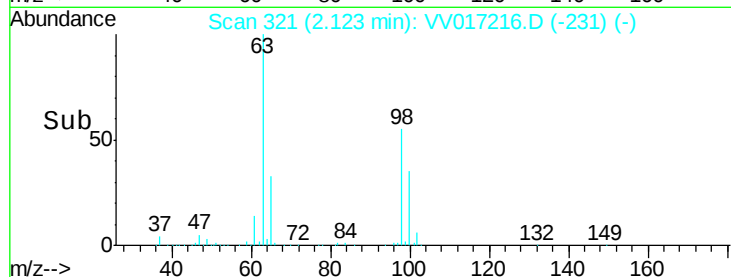
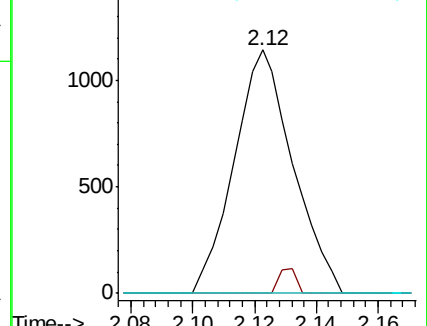
151 0.0 63.9 95.9#



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



#12

1,1-Dichloroethene

Concen: 0.803 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017216.D

Acq: 27 Jun 2020 05:49

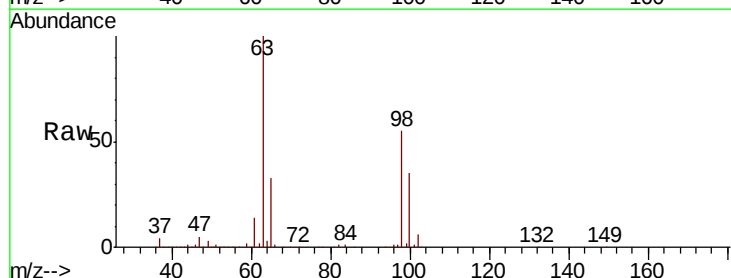
Tgt Ion: 96 Resp: 1387

Ion Ratio Lower Upper

96 100

61 1605.5 130.4 242.2#

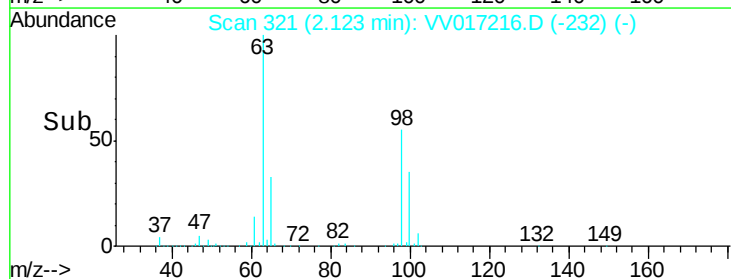
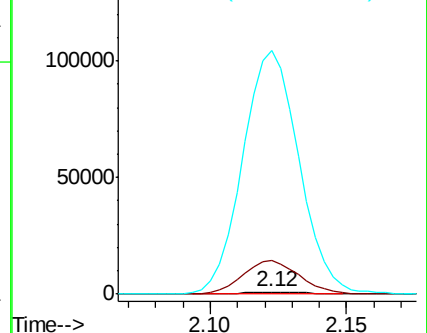
63 11717.2 103.3 191.9#

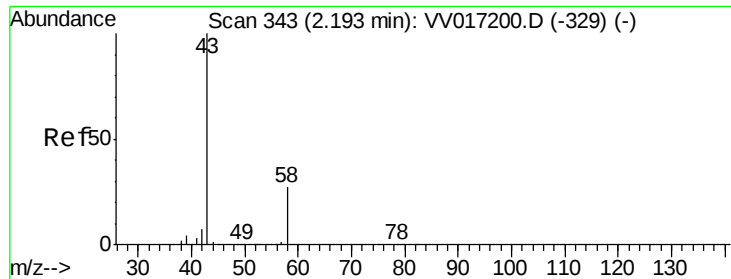


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 49.798 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV017216.D

Acq: 27 Jun 2020 05:49

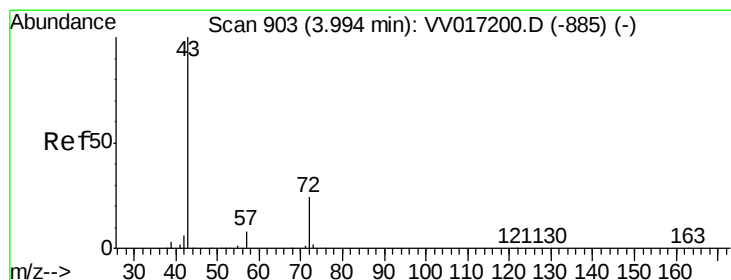
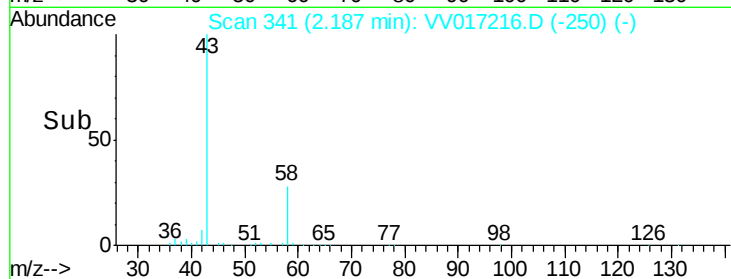
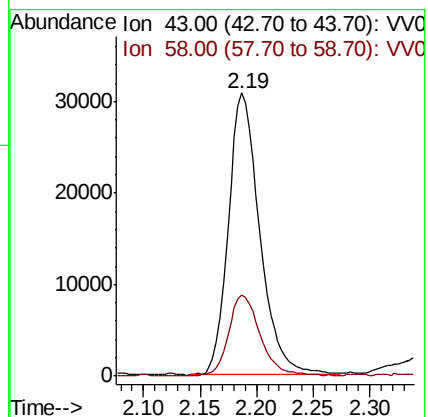
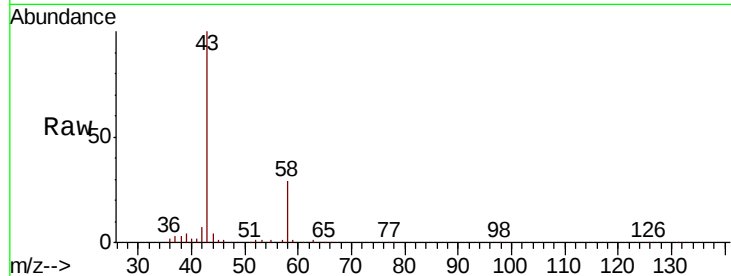
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 59668

Ion Ratio Lower Upper

43 100

58 29.3 0.0 55.2



#22

2-Butanone

Concen: 1.737 ug/L

RT: 4.01 min Scan# 907

Delta R.T. 0.01 min

Lab File: VV017216.D

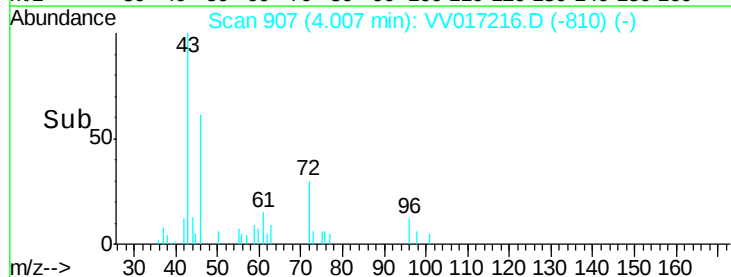
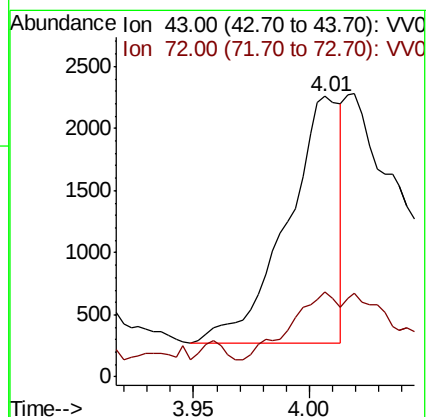
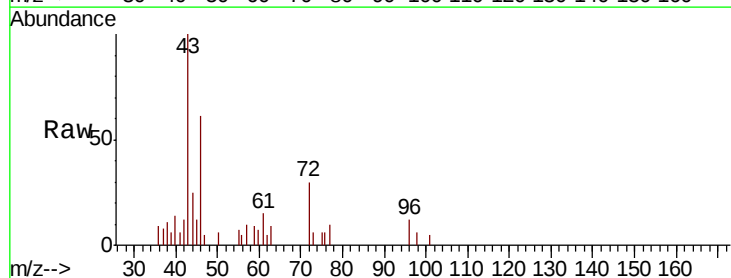
Acq: 27 Jun 2020 05:49

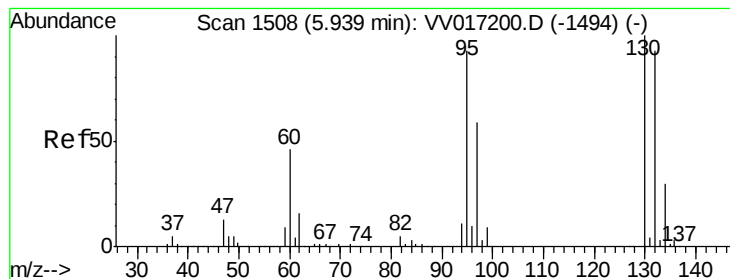
Tgt Ion: 43 Resp: 3209

Ion Ratio Lower Upper

43 100

72 12.7 12.4 37.4





#34

Trichloroethene

Concen: 34.460 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017216.D

Acq: 27 Jun 2020 05:49

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 89856

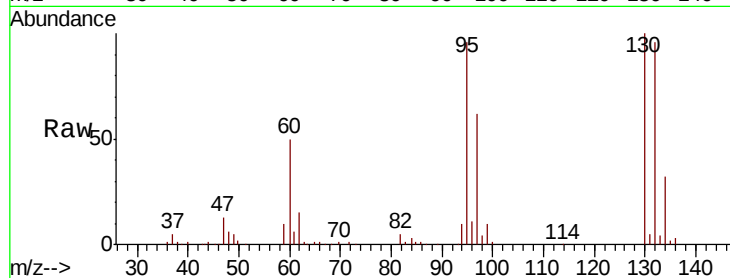
Ion Ratio Lower Upper

95 100

97 64.8 44.3 82.3

132 99.9 67.9 126.1

130 103.9 72.2 134.2

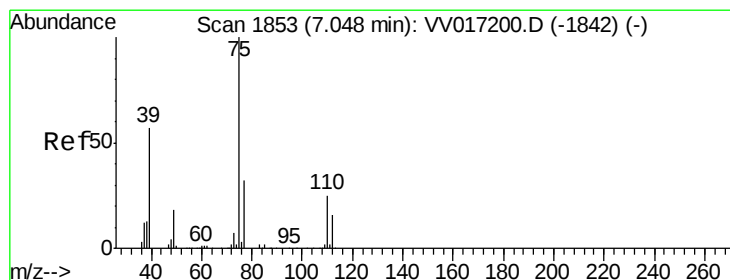
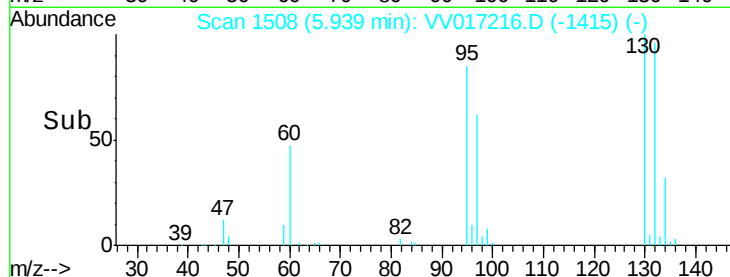
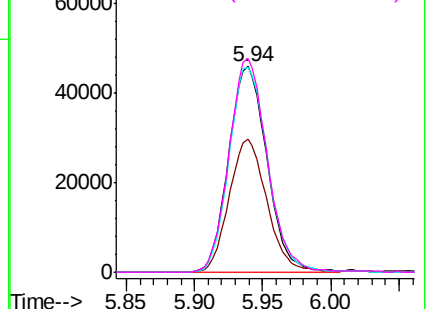


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.199 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017216.D

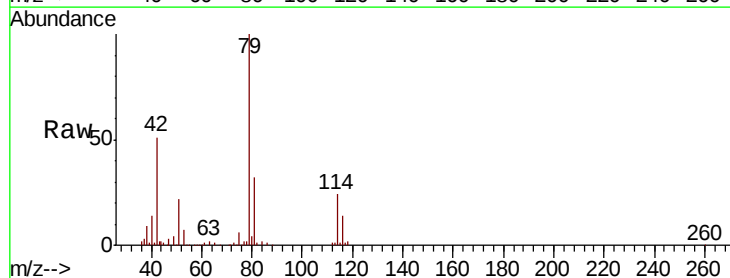
Acq: 27 Jun 2020 05:49

Tgt Ion: 75 Resp: 4711

Ion Ratio Lower Upper

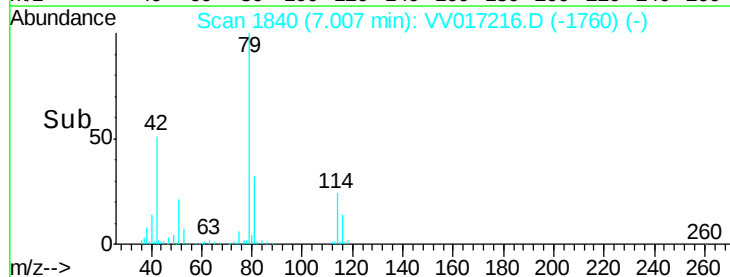
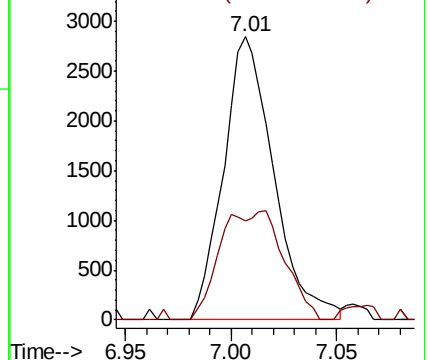
75 100

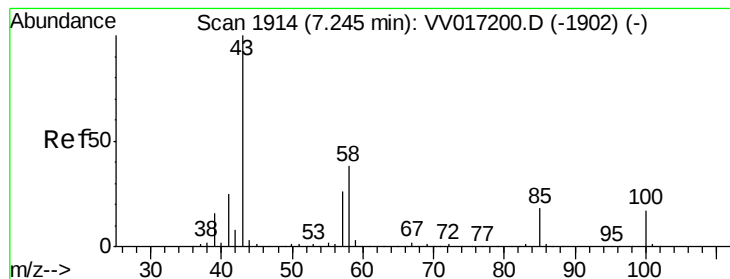
77 35.0 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#40

4-Methyl-2-pentanone

Concen: 1.039 ug/L

RT: 7.26 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VV017216.D

Acq: 27 Jun 2020 05:49

Instrument :

MSVOA_V

ClientSampleId :

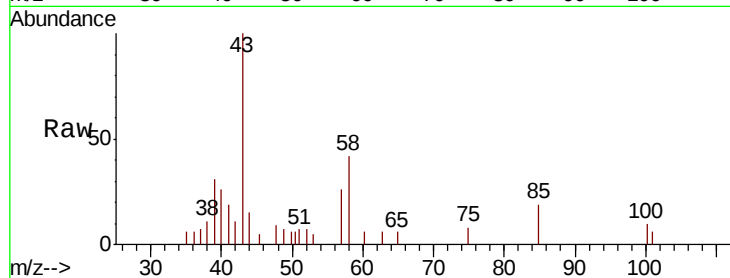
Tot Ion: 43 Resp: 3722

Ion Ratio Lower Upper

43 100

58 42.6 30.2 45.4

100 1.7 12.3 18.5#



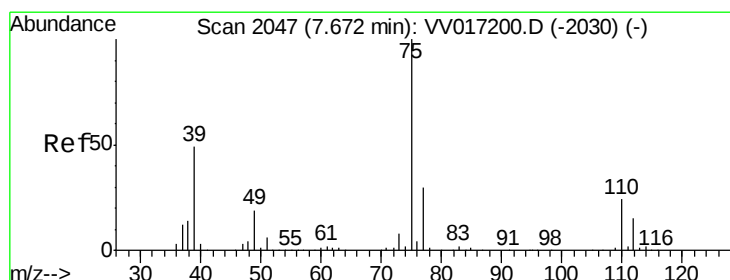
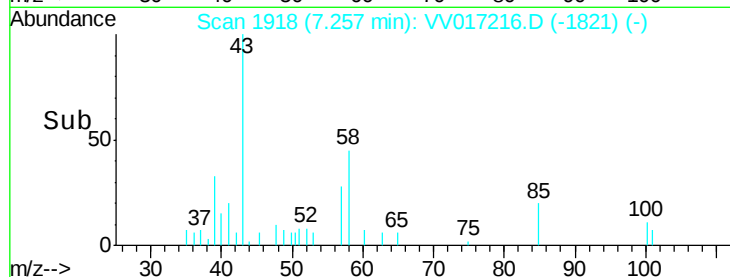
Abundance Ion 43.00 (42.70 to 43.70): VV017216.D (-1954) (-)

Ion 58.00 (57.70 to 58.70): VV017216.D (-1954) (-)

Ion 100.00 (99.70 to 100.70): VV017216.D (-1954) (-)

7.26

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.959 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017216.D

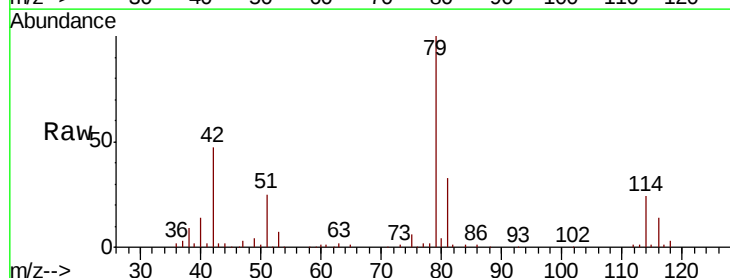
Acq: 27 Jun 2020 05:49

Tgt Ion: 75 Resp: 3662

Ion Ratio Lower Upper

75 100

77 26.4 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV017216.D (-1954) (-)

Ion 77.00 (76.70 to 77.70): VV017216.D (-1954) (-)

7.64

Time-->

