

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040619\
 Data File : VV010164.D
 Acq On : 06 Apr 2019 19:57
 Operator : SY/MD
 Sample : K2168-14
 Misc : 5.55G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF639

Quant Time: Apr 07 00:54:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 00:49:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	249726	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	241759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111736	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49401	14.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.12%
7) Chloroethane-d5	1.57	69	52518	12.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.60%
10) 1,1-Dichloroethene-d2	2.13	63	108818	12.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.60%
20) 2-Butanone-d5	3.94	46	39464	41.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.96%
24) Chloroform-d	4.40	84	137829	21.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.64%
26) 1,2-Dichloroethane-d4	5.08	65	83037	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.36%
29) Benzene-d6	5.10	84	280359	22.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.44%
33) 1,2-Dichloropropane-d6	6.12	67	87272	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.36%
37) Toluene-d8	7.36	98	265679	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.96%
38) trans-1,3-Dichloropropene-	7.67	79	31130	19.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.72%
39) 2-Hexanone-d5	8.13	63	28961	39.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77239	21.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	103615	23.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.24%

Target Compounds

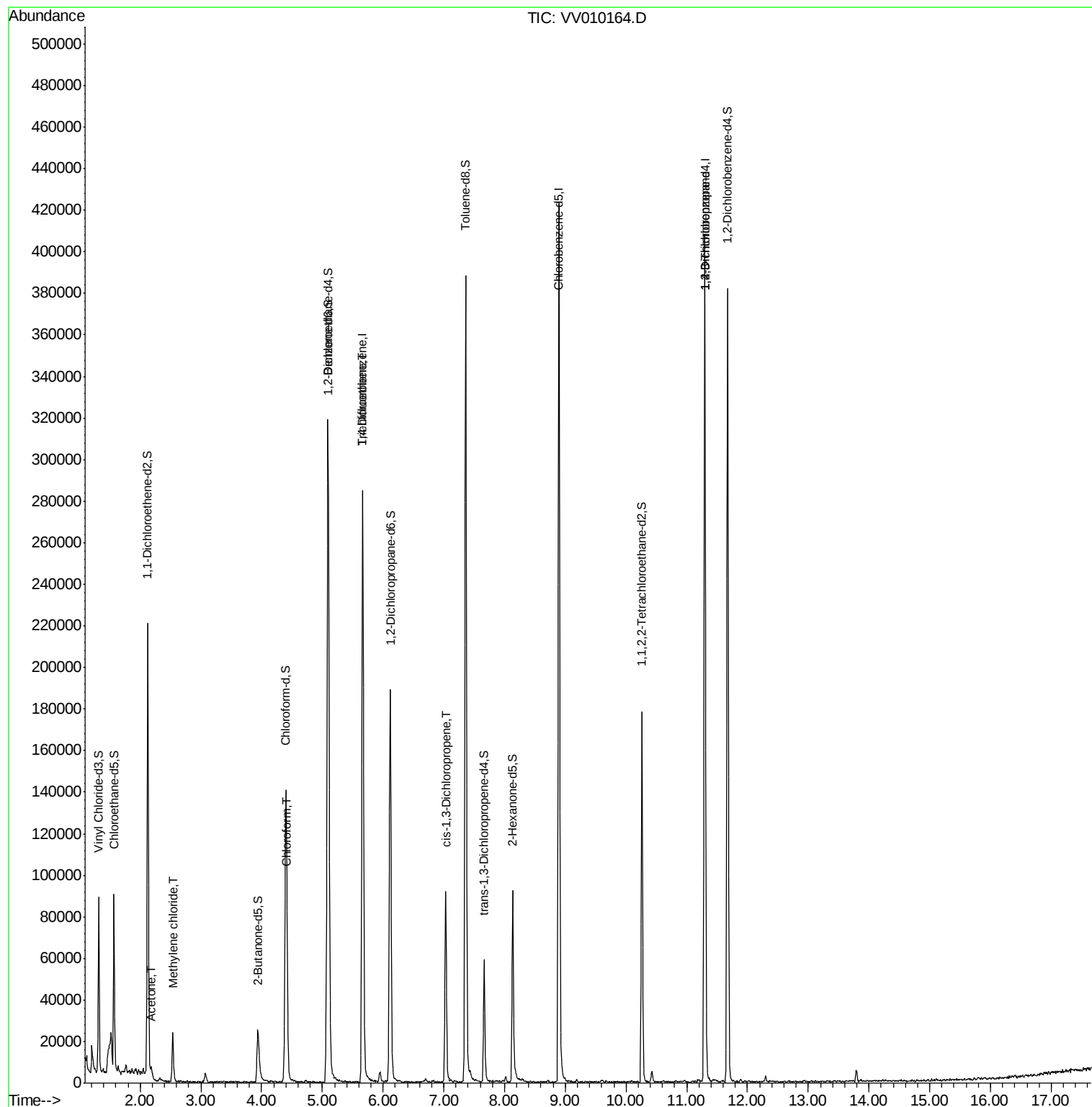
					Qvalue
13) Acetone	2.19	43	2071	2.202 ug/L	85
16) Methylene chloride	2.54	84	9423	2.148 ug/L	96
25) Chloroform	4.43	83	4179	0.736 ug/L	98
35) Trichloroethene	5.67	95	7337	2.156 ug/L #	3
42) cis-1,3-Dichloropropene	7.03	75	2707	0.626 ug/L #	71
59) 1,2,3-Trichloropropane	11.30	75	13672	5.605 ug/L	91

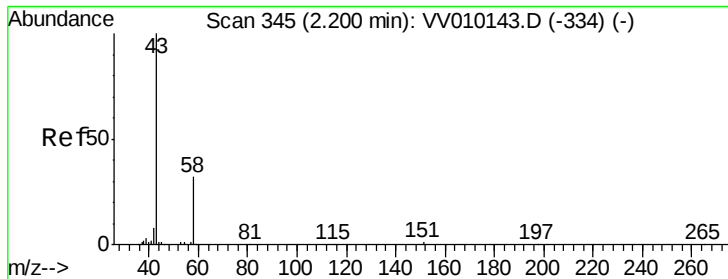
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.202 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

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Acq: 06 Apr 2019 19:57

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MSVOA_V

ClientSampleId :

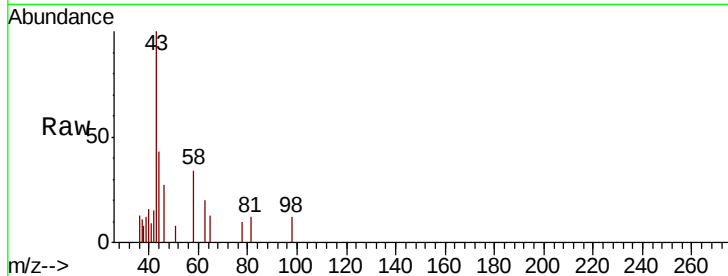
BF639

Tgt Ion: 43 Resp: 2071

Ion Ratio Lower Upper

43 100

58 40.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010143.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV010143.D (-334) (-)

2.19

1500

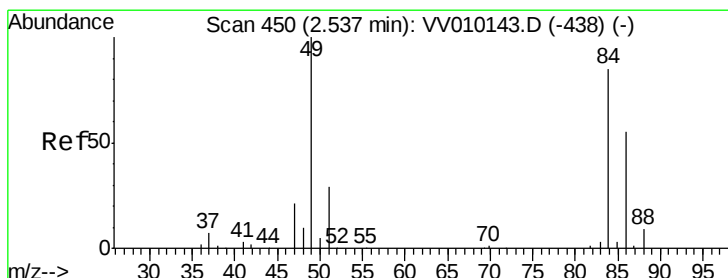
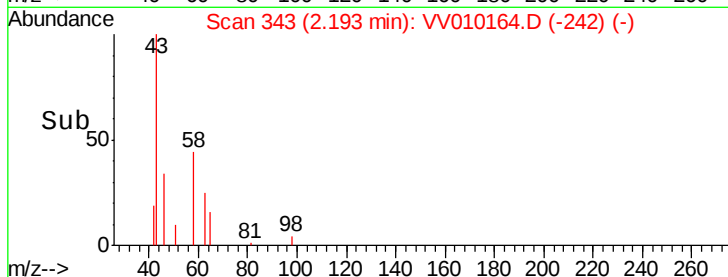
1000

500

0

2.16 2.18 2.20 2.22

Time-->



#16

Methylene chloride

Concen: 2.148 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV010164.D

Acq: 06 Apr 2019 19:57

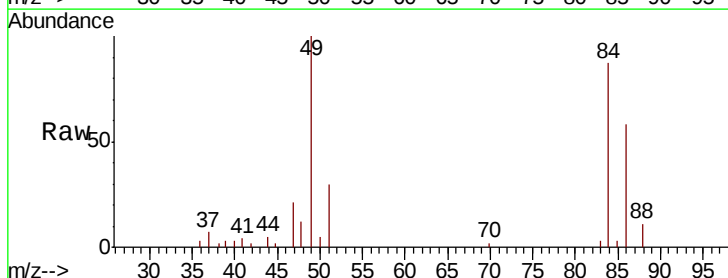
Tgt Ion: 84 Resp: 9423

Ion Ratio Lower Upper

84 100

49 114.9 84.3 156.5

86 66.9 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010143.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010143.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010143.D (-438) (-)

2.54

8000

6000

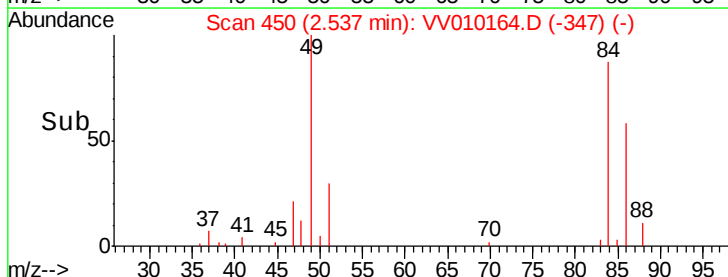
4000

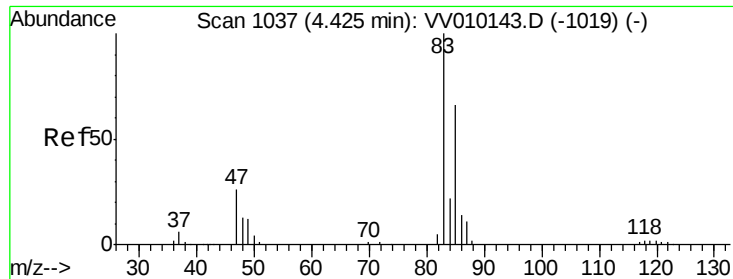
2000

0

2.50 2.55 2.60

Time-->





#25

Chloroform

Concen: 0.736 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

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ClientSampleId :

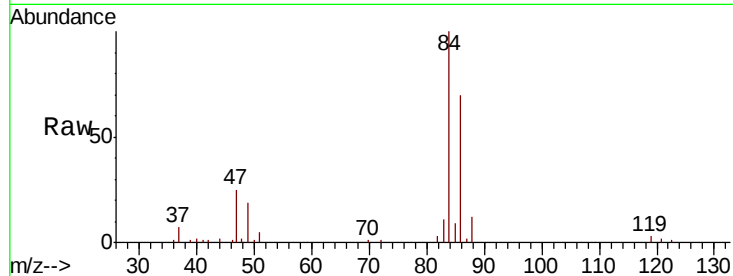
BF639

Tgt Ion: 83 Resp: 4179

Ion Ratio Lower Upper

83 100

85 64.5 46.4 86.2



Abundance Ion 83.00 (82.70 to 83.70): VV010143.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV010143.D (-1019) (-)

4.43

1500

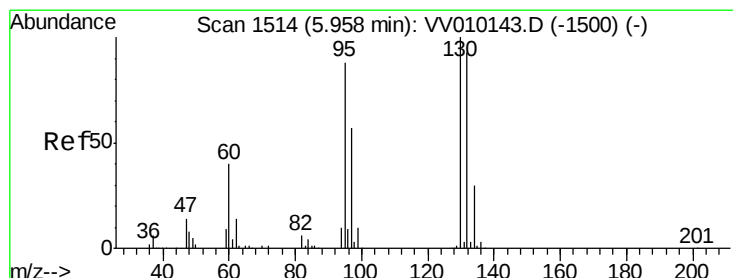
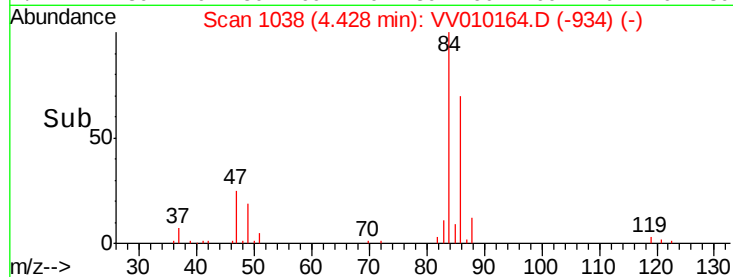
1000

500

0

4.35 4.40 4.45 4.50

Time-->



#35

Trichloroethene

Concen: 2.156 ug/L

RT: 5.67 min Scan# 1424

Delta R.T. -0.29 min

Lab File: VV010164.D

Acq: 06 Apr 2019 19:57

Tgt Ion: 95 Resp: 7337

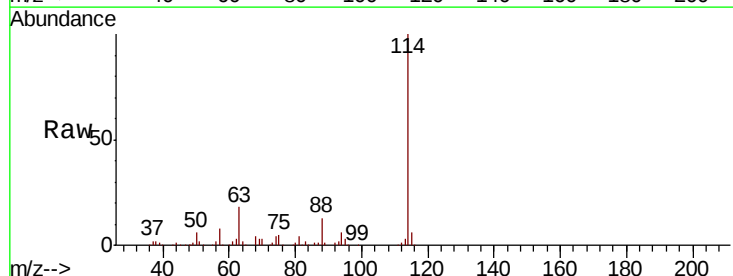
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.2#

132 0.0 70.6 131.0#

130 0.0 76.1 141.3#



Abundance Ion 95.00 (94.70 to 95.70): VV010143.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV010143.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV010143.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV010143.D (-1500) (-)

6000

5000

4000

3000

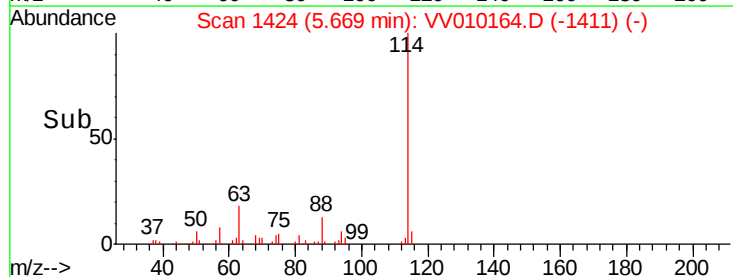
2000

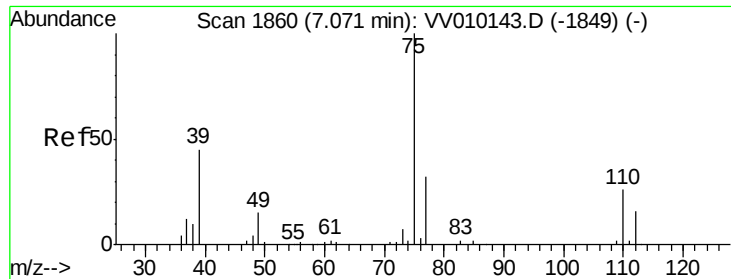
1000

0

5.60 5.65 5.70

Time-->



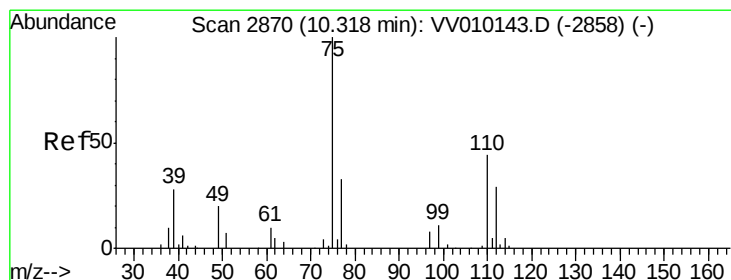
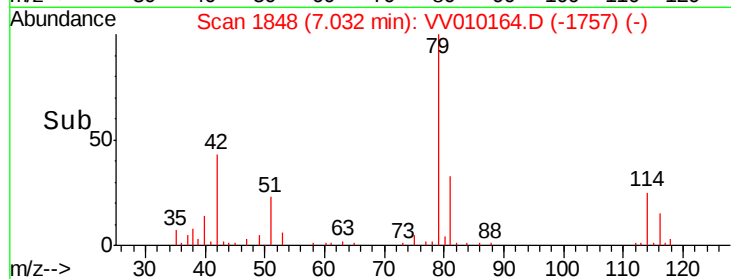
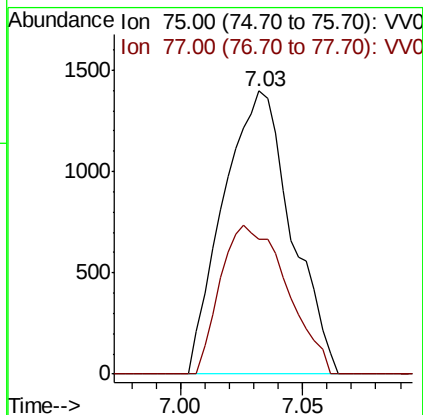
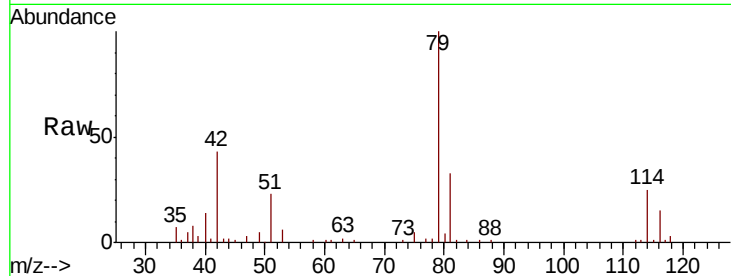


#42

cis-1,3-Dichloropropene
 Concen: 0.626 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010164.D
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 BF639

Tgt Ion: 75 Resp: 2707
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.1 41.1#



#59

1,2,3-Trichloropropane
 Concen: 5.605 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010164.D
 Acq: 06 Apr 2019 19:57

Tgt Ion: 75 Resp: 13672
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.8 38.8

