

Data File : VV008945.D
Acq On : 14 Dec 2018 21:28
Operator : SY/MD
Sample : J6369-12
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL96

Quant Time: Dec 14 23:46:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 23:39:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	206977	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189036	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82470	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51184	42.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.70%
7) Chloroethane-d5	1.57	69	40159	52.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.58%
11) 1,1-Dichloroethene-d2	2.13	63	106515	37.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.62%
21) 2-Butanone-d5	3.93	46	88652	109.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.85%
24) Chloroform-d	4.41	84	123690	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	5.08	65	83633	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.82%
32) Benzene-d6	5.10	84	257304	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
36) 1,2-Dichloropropane-d6	6.12	67	77738	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.56%
41) Toluene-d8	7.36	98	237607	49.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.38%
43) trans-1,3-Dichloropropene-	7.67	79	36786	47.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.76%
47) 2-Hexanone-d5	8.14	63	61296	108.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.19%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	94812	47.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	84760	49.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.66%

Target Compounds

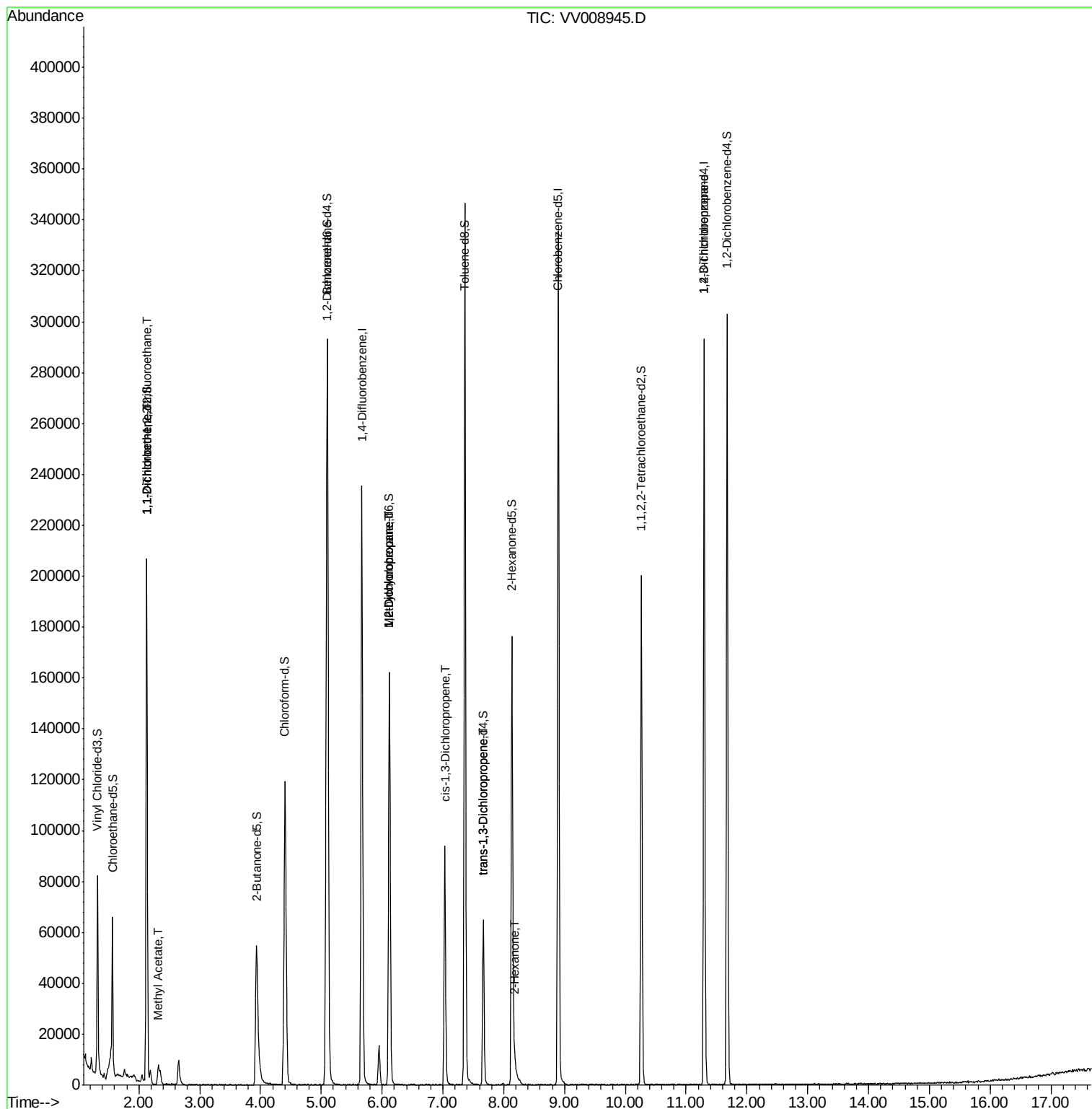
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1101	0.779	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	827	0.643	ug/L #	1
15) Methyl Acetate	2.32	43	901	0.686	ug/L #	49
35) Methylcyclohexane	6.12	83	19830	8.889	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8747	6.493	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2302	1.071	ug/L #	53
44) trans-1,3-Dichloropropene	7.67	75	1429	0.714	ug/L	85
48) 2-Hexanone	8.18	43	3734	2.881	ug/L #	45
59) 1,2,3-Trichloropropane	11.30	75	8038	4.738	ug/L #	86

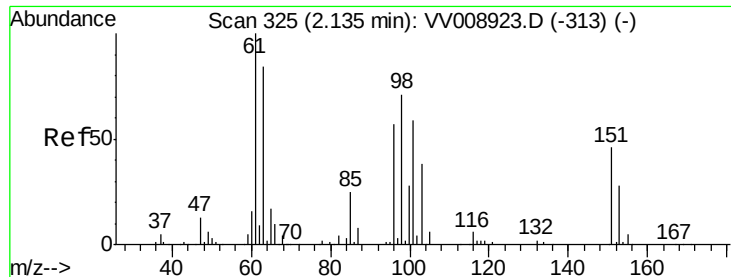
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.779 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008945.D

Acq: 14 Dec 2018 21:28

Instrument :

MSVOA_V

ClientSampleId :

COL96

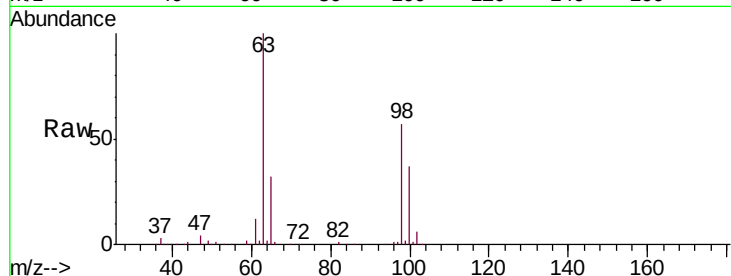
Tgt Ion: 101 Resp: 1101

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

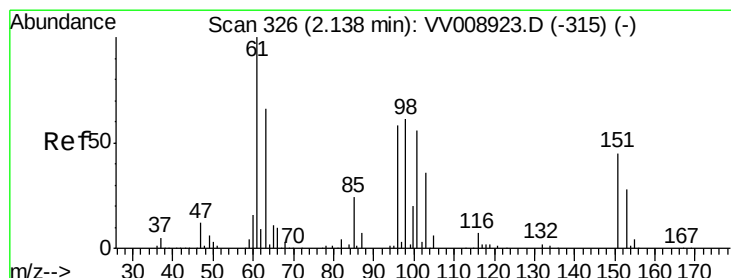
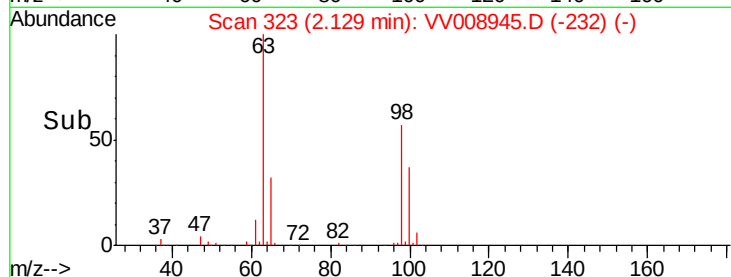
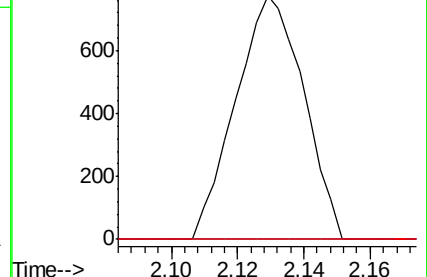
151 0.0 63.8 95.8#



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: 0.643 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008945.D

Acq: 14 Dec 2018 21:28

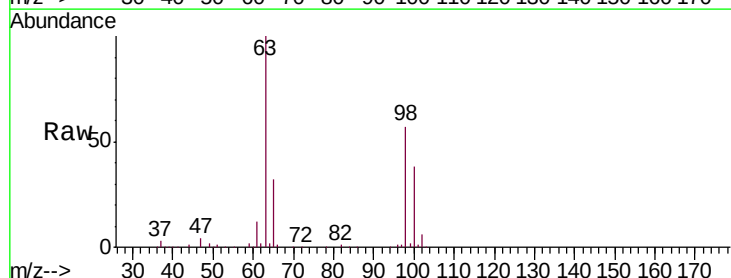
Tgt Ion: 96 Resp: 827

Ion Ratio Lower Upper

96 100

61 1385.4 119.1 221.3#

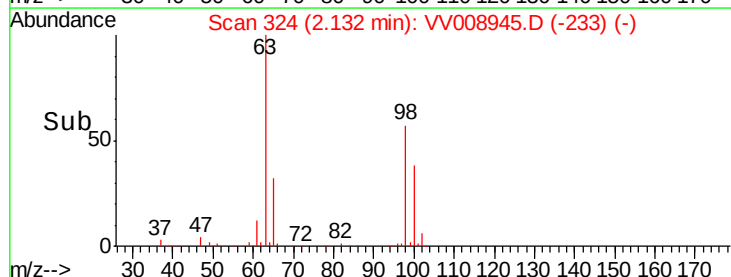
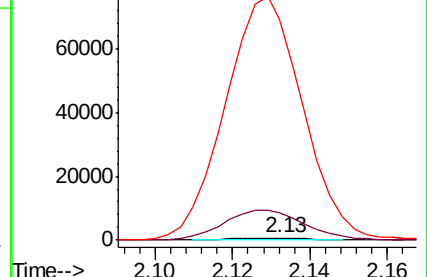
63 11375.0 96.0 178.2#

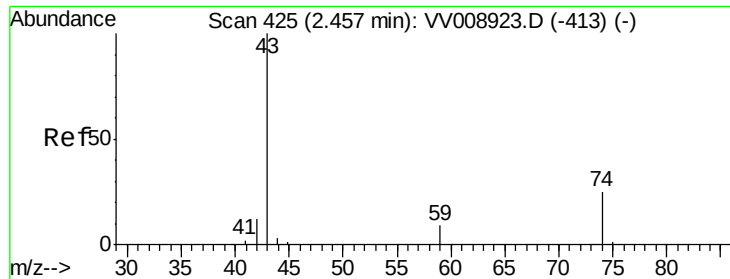


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#15

Methyl Acetate

Concen: 0.686 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.14 min

Lab File: VV008945.D

Acq: 14 Dec 2018 21:28

Instrument :

MSVOA_V

ClientSampled :

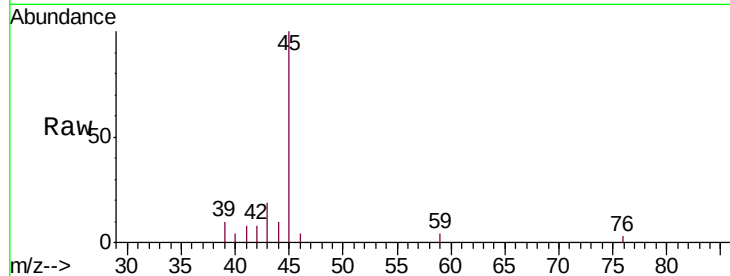
COL96

Tgt Ion: 43 Resp: 901

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.6#

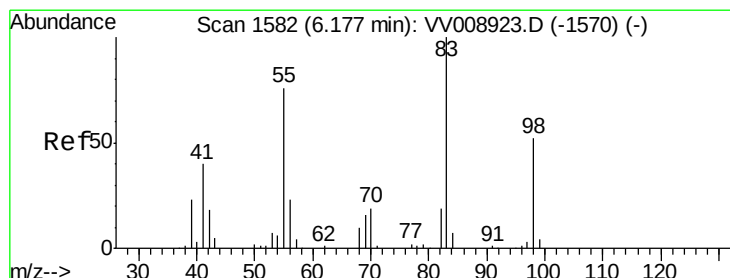
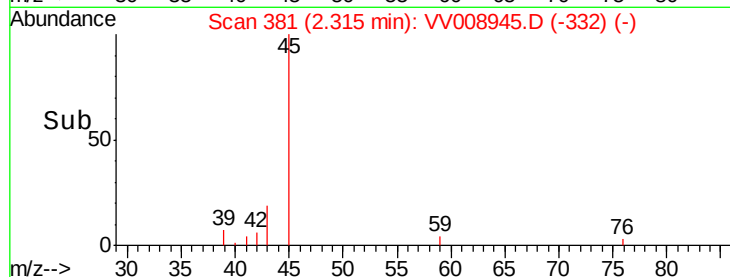


Abundance Ion 43.00 (42.70 to 43.70): VV008923.D (-413) (-)

Ion 74.00 (73.70 to 74.70): VV008923.D (-413) (-)

2.32

Time-->



#35

Methylcyclohexane

Concen: 8.889 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008945.D

Acq: 14 Dec 2018 21:28

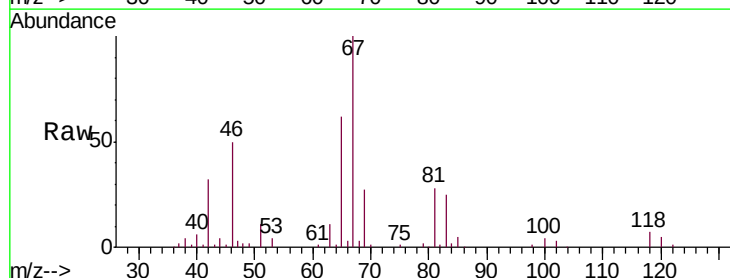
Tgt Ion: 83 Resp: 19830

Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 1.1 39.0 58.4#



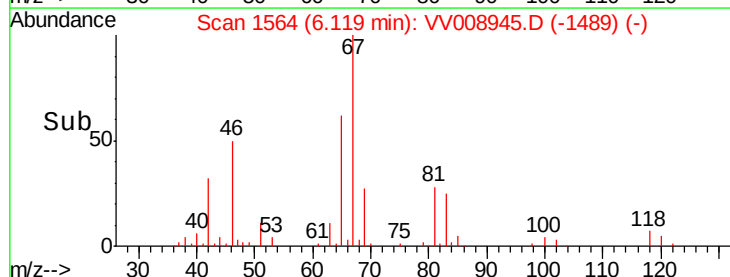
Abundance Ion 83.00 (82.70 to 83.70): VV008923.D (-1570) (-)

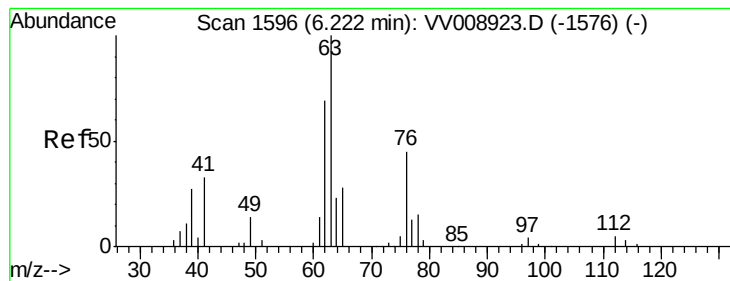
Ion 55.00 (54.70 to 55.70): VV008923.D (-1570) (-)

Ion 98.00 (97.70 to 98.70): VV008923.D (-1570) (-)

6.12

Time-->





#37

1,2-Dichloropropane

Concen: 6.493 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV008945.D

Acq: 14 Dec 2018 21:28

Instrument :

MSVOA_V

ClientSampleId :

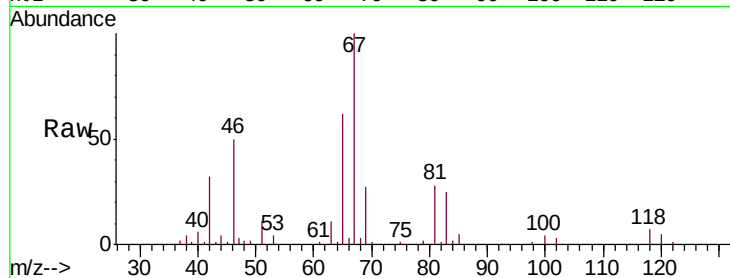
COL96

Tgt Ion: 63 Resp: 8747

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV008923.D (-1576) (-)

Ion 112.00 (111.70 to 112.70): VV008923.D (-1576) (-)

6.12

4000

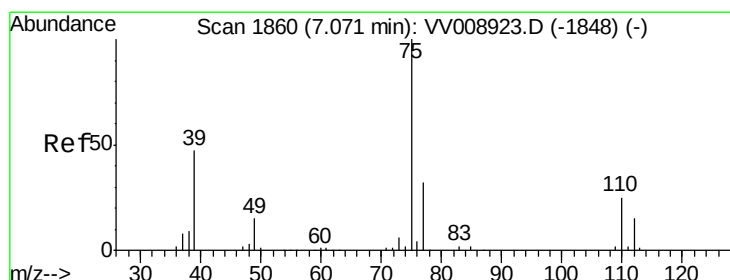
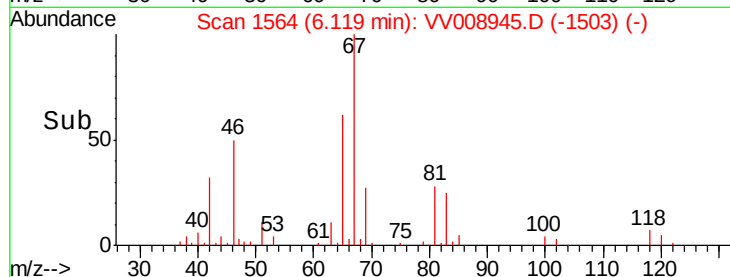
3000

2000

1000

0

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.071 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008945.D

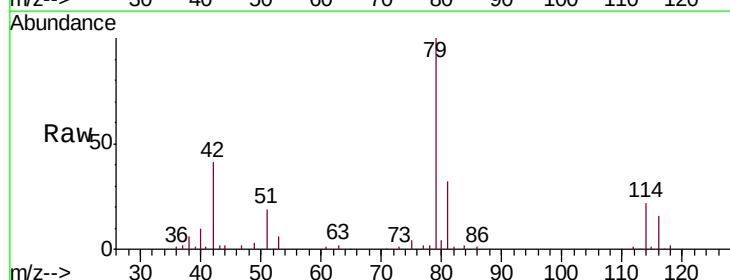
Acq: 14 Dec 2018 21:28

Tgt Ion: 75 Resp: 2302

Ion Ratio Lower Upper

75 100

77 57.1 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008923.D (-1848) (-)

Ion 77.00 (76.70 to 77.70): VV008923.D (-1848) (-)

7.03

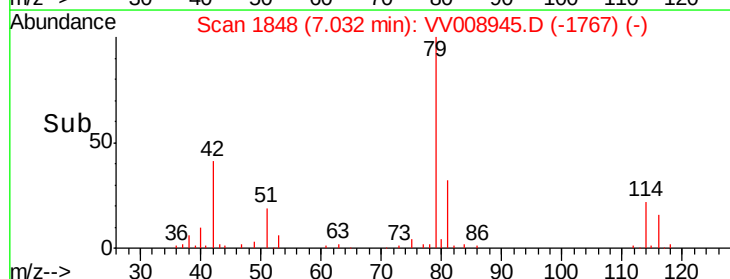
1500

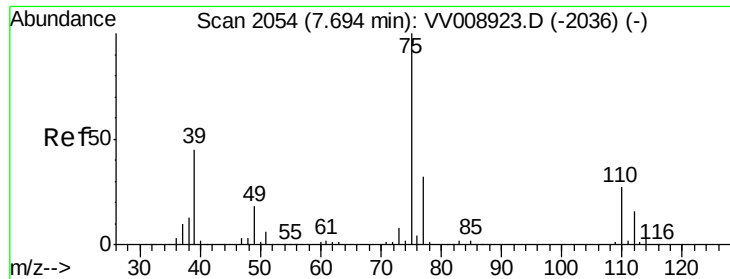
1000

500

0

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.714 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008945.D

Acq: 14 Dec 2018 21:28

Instrument :

MSVOA_V

ClientSampled :

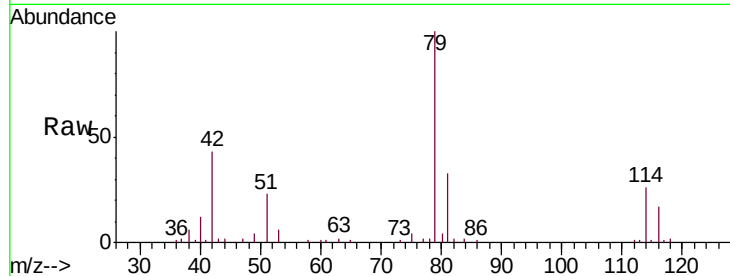
COL96

Tgt Ion: 75 Resp: 1429

Ion Ratio Lower Upper

75 100

77 39.1 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV008923.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV008923.D (-2036) (-)

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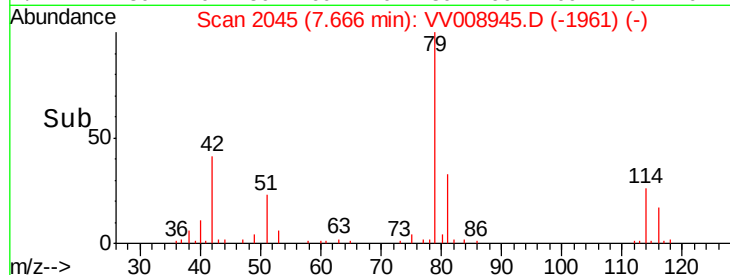
7.67

7.67

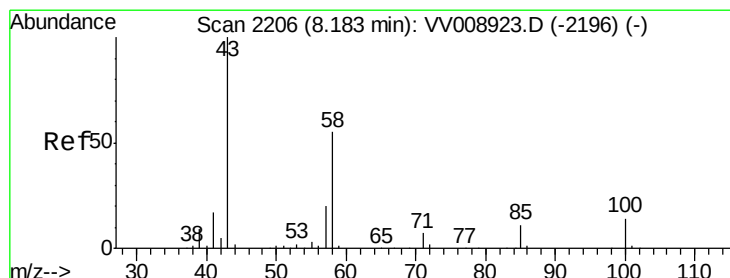
7.67

7.67

7.67



Time-->



#48

2-Hexanone

Concen: 2.881 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV008945.D

Acq: 14 Dec 2018 21:28

Tgt Ion: 43 Resp: 3734

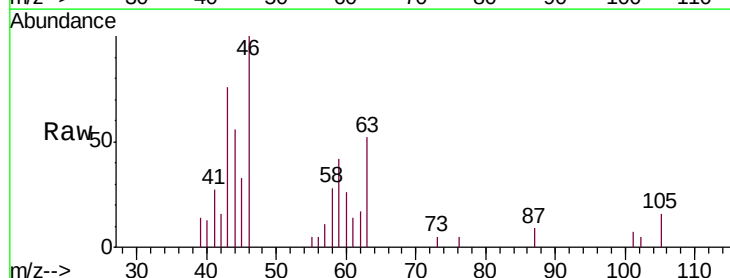
Ion Ratio Lower Upper

43 100

58 0.0 42.7 64.1#

57 8.7 15.7 23.5#

100 5.1 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VV008923.D (-2196) (-)

Ion 58.00 (57.70 to 58.70): VV008923.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV008923.D (-2196) (-)

Ion 100.00 (99.70 to 100.70): VV008923.D (-2196) (-)

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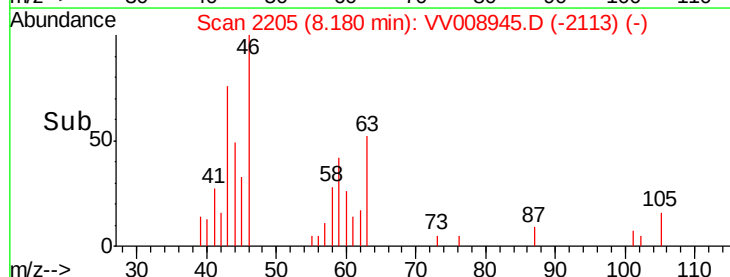
8.18

8.18

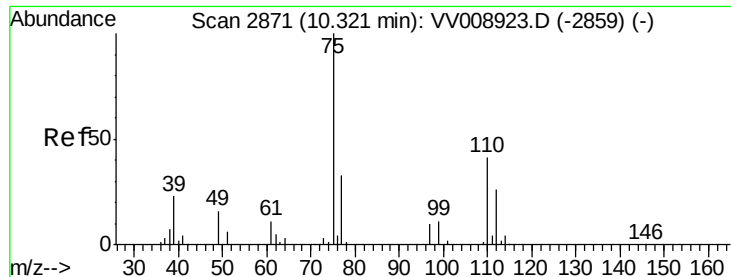
8.18

8.18

8.18



Time-->



#59

1,2,3-Trichloropropane

Concen: 4.738 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008945.D

Acq: 14 Dec 2018 21:28

Instrument :

MSVOA_V

ClientSampleId :

COL96

Tgt Ion: 75 Resp: 8038

Ion Ratio Lower Upper

75 100

77 40.0 25.8 38.8#

