

Data File : VV009446.D
Acq On : 01 Mar 2019 11:06
Operator : SY/MD
Sample : K1599-19
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 02 00:09:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 02 00:06:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	118046	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114250	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53656	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20522	3.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.60%
7) Chloroethane-d5	1.58	69	18260	3.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.60%
11) 1,1-Dichloroethene-d2	2.13	63	41029	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	3.98	46	40188	34.37	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.74%
24) Chloroform-d	4.40	84	38950	3.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.60%#
26) 1,2-Dichloroethane-d4	5.08	65	20457	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.80%#
32) Benzene-d6	5.09	84	81203	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.80%#
36) 1,2-Dichloropropane-d6	6.12	67	24873	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.40%
41) Toluene-d8	7.36	98	80799	3.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.20%#
43) trans-1,3-Dichloropropene-	7.66	79	9531	2.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.20%
46) 2-Hexanone-d5	8.14	63	37213	35.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	17745	3.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	61.80%#
64) 1,2-Dichlorobenzene-d4	11.68	152	29029	3.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	67.20%#

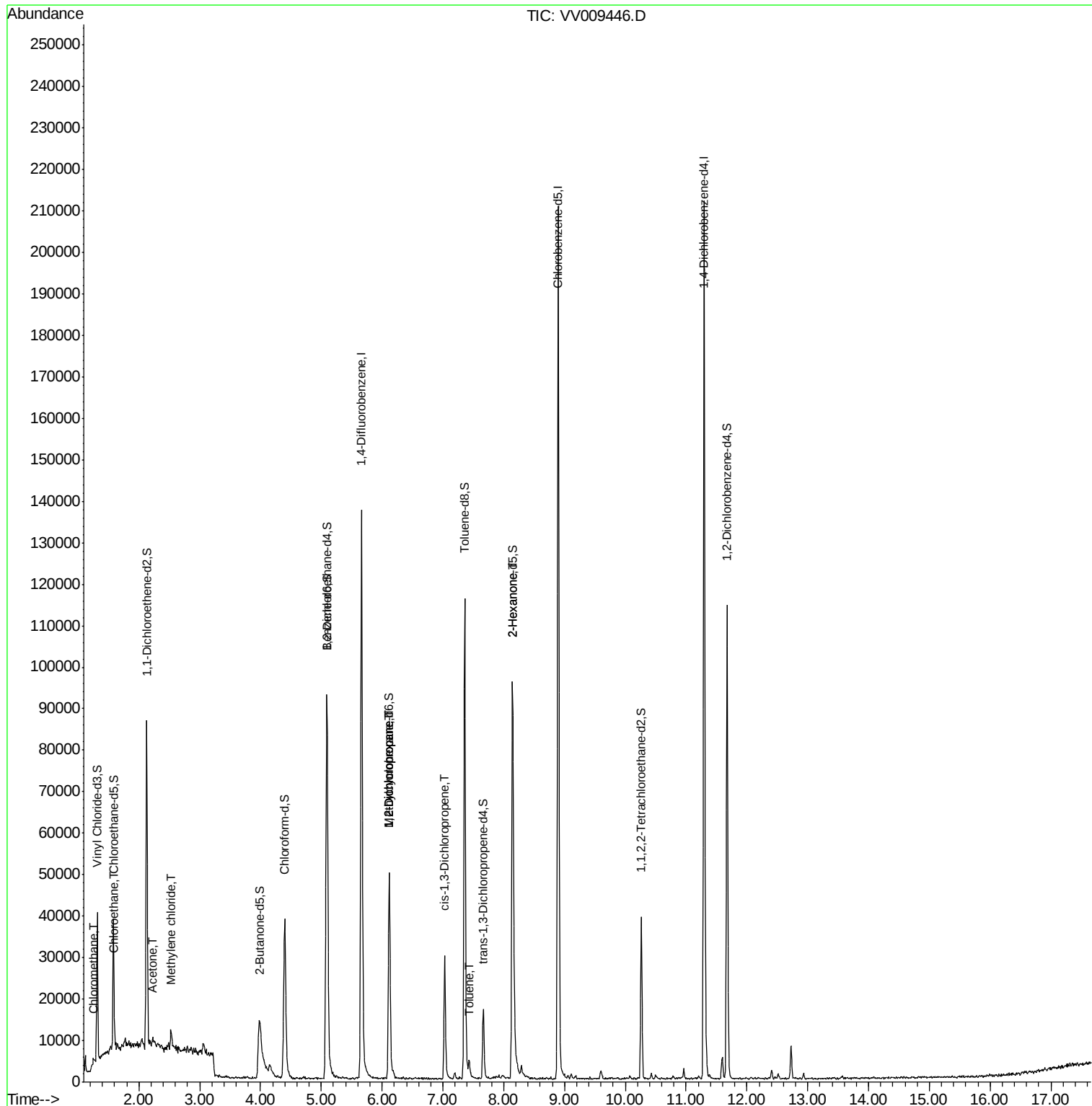
Target Compounds

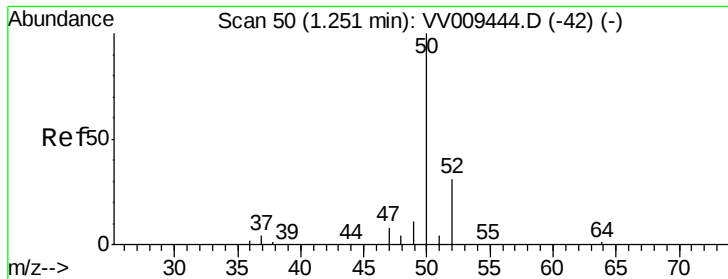
					Qvalue
3) Chloromethane	1.25	50	1160	0.151 ug/L	83
8) Chloroethane	1.60	64	1809	0.323 ug/L #	55
13) Acetone	2.23	43	1919	1.728 ug/L	99
16) Methylene chloride	2.53	84	1746	0.203 ug/L	88
35) Methylcyclohexane	6.12	83	5845	0.425 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	2975	0.410 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	923	0.081 ug/L	84
42) Toluene	7.43	91	2420	0.072 ug/L	88
48) 2-Hexanone	8.14	43	4540	1.740 ug/L #	58

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

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#3

Chloromethane

Concen: 0.151 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV009446.D

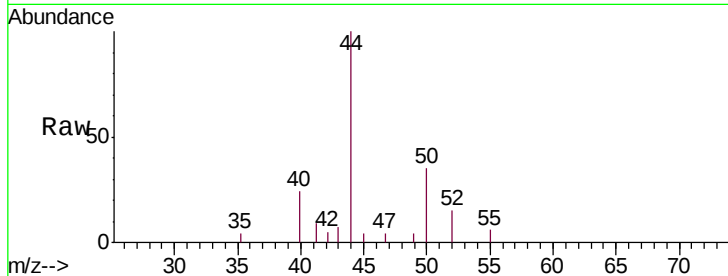
Acq: 01 Mar 2019 11:06

Tgt Ion: 50 Resp: 1160

Ion Ratio Lower Upper

50 100

52 43.5 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

1.25

1000

800

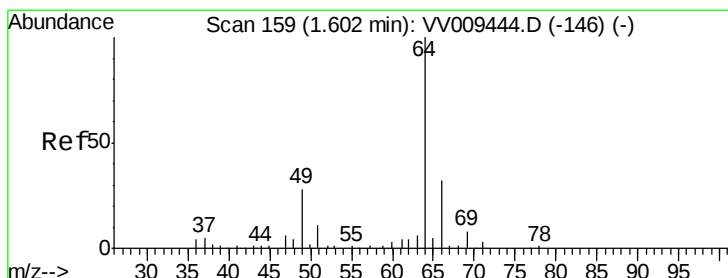
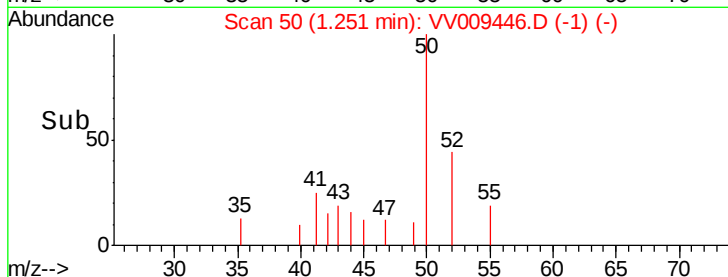
600

400

200

0

Time--> 1.20 1.25 1.30



#8

Chloroethane

Concen: 0.323 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV009446.D

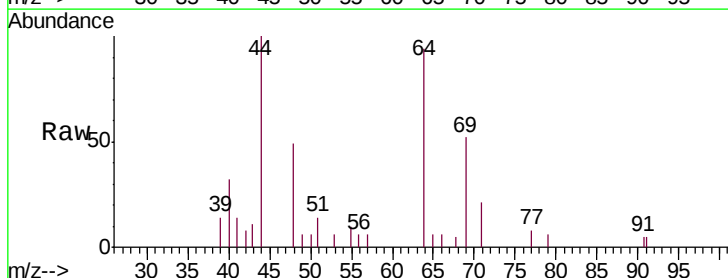
Acq: 01 Mar 2019 11:06

Tgt Ion: 64 Resp: 1809

Ion Ratio Lower Upper

64 100

66 6.0 21.3 39.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.60

2000

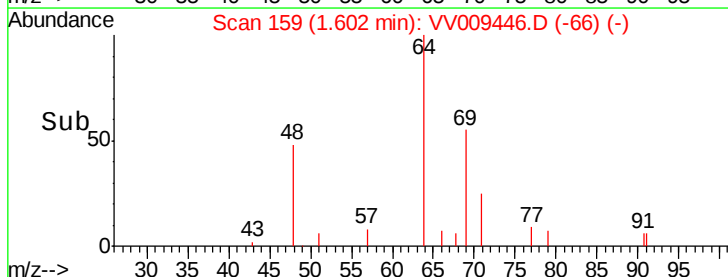
1500

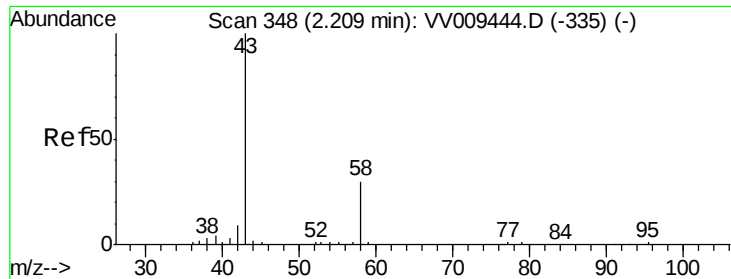
1000

500

0

Time--> 1.58 1.60 1.62 1.64





#13

Acetone

Concen: 1.728 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.02 min

Lab File: VV009446.D

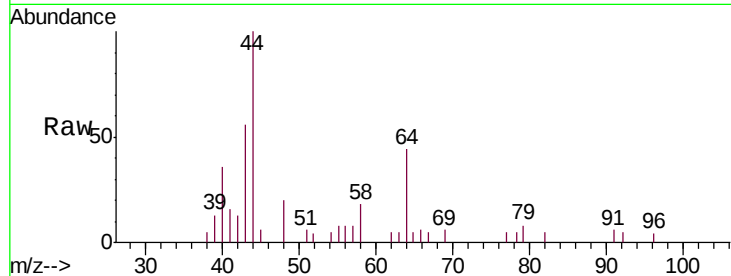
Acq: 01 Mar 2019 11:06

Tgt Ion: 43 Resp: 1919

Ion Ratio Lower Upper

43 100

58 30.5 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV009444.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV009444.D (-335) (-)

Time-->

2.23

1500

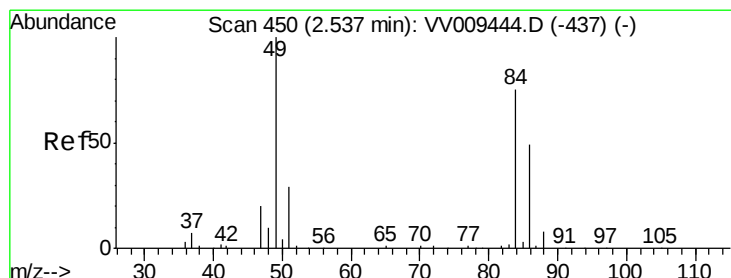
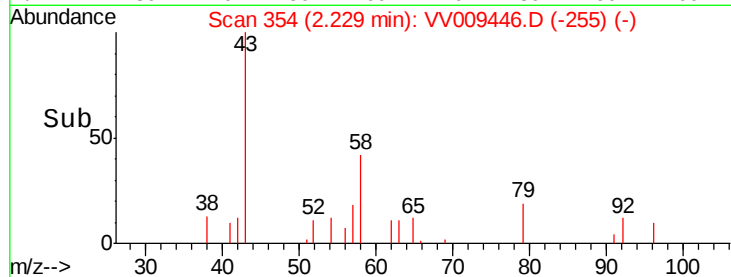
1000

500

0

2.20

2.25



#16

Methylene chloride

Concen: 0.203 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009446.D

Acq: 01 Mar 2019 11:06

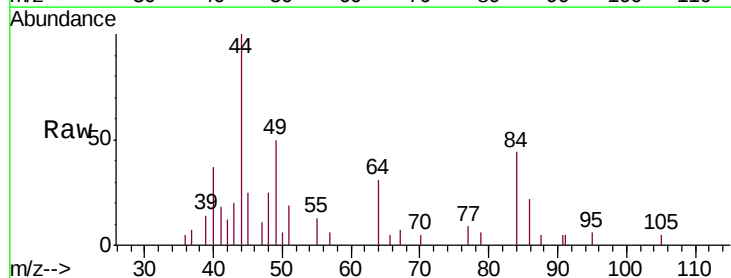
Tgt Ion: 84 Resp: 1746

Ion Ratio Lower Upper

84 100

86 50.3 42.8 79.4

49 115.9 90.6 168.2



Abundance Ion 84.05 (83.75 to 84.75): VV009444.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009444.D (-437) (-)

Ion 49.10 (48.80 to 49.80): VV009444.D (-437) (-)

Time-->

2.53

1500

1000

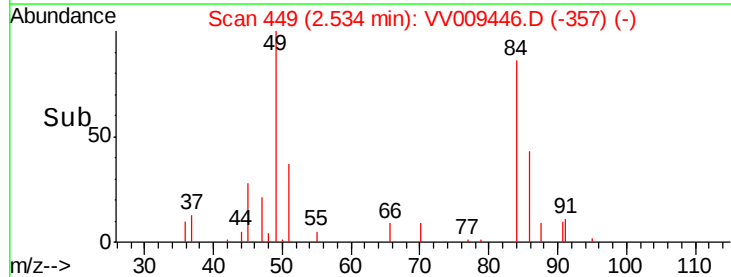
500

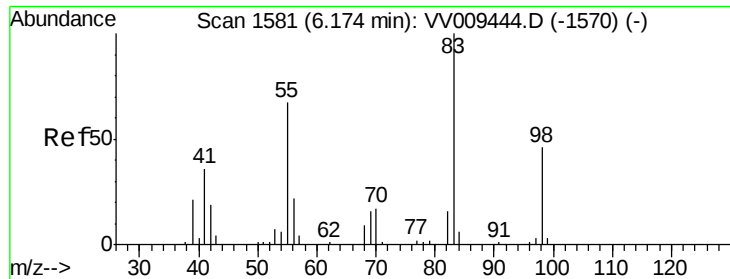
0

2.50

2.55

2.60





#35

Methylcyclohexane

Concen: 0.425 ug/L

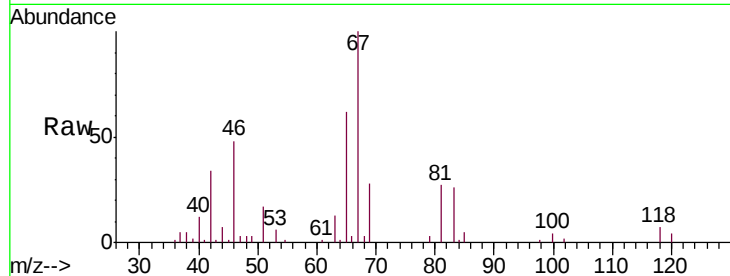
RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV009446.D

Acq: 01 Mar 2019 11:06

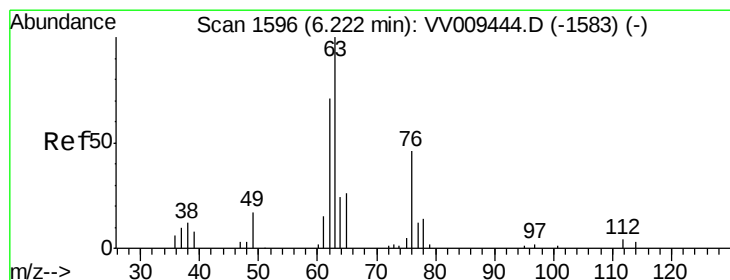
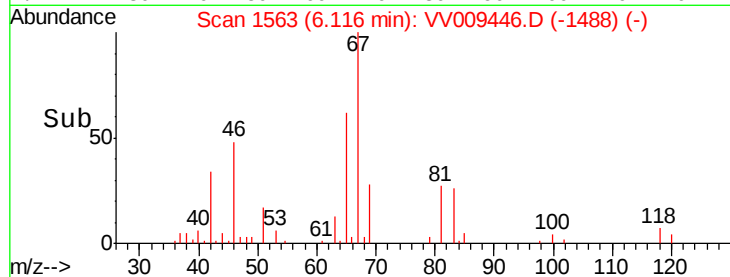
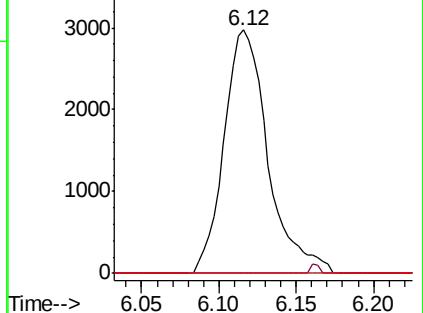
Tgt Ion:	83	Resp:	5845
Ion	Ratio	Lower	Upper
83	100		
55	0.7	59.8	89.8#
98	0.0	39.9	59.9#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.410 ug/L

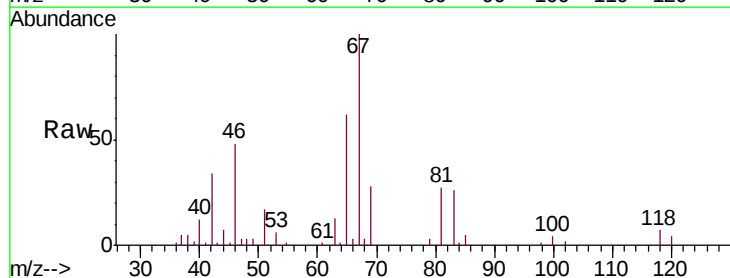
RT: 6.12 min Scan# 1563

Delta R.T. -0.11 min

Lab File: VV009446.D

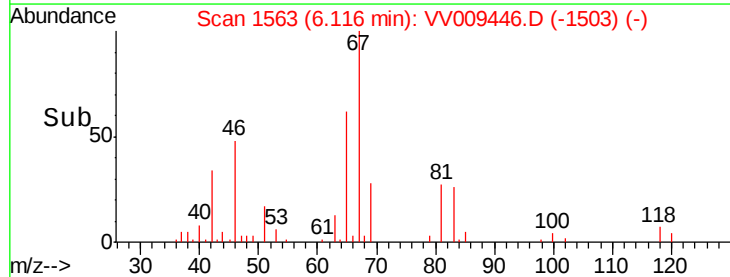
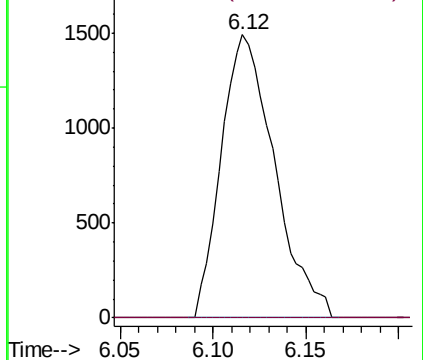
Acq: 01 Mar 2019 11:06

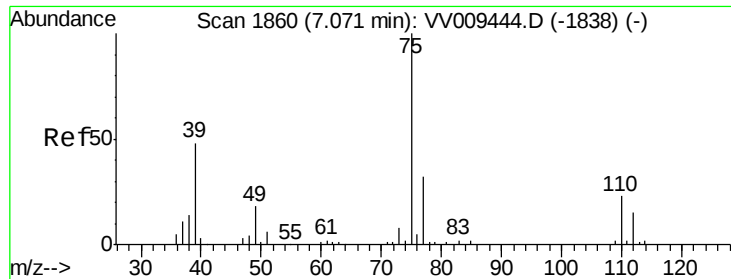
Tgt Ion:	63	Resp:	2975
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0

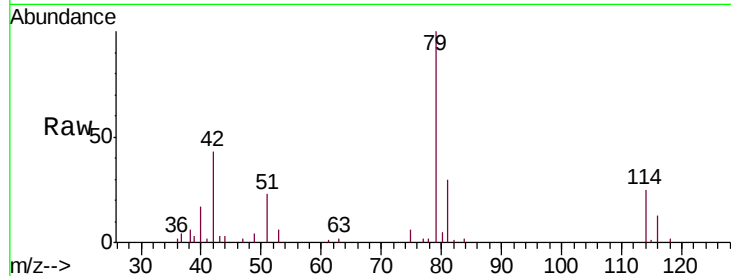
Ion 112.10 (111.80 to 112.80): V



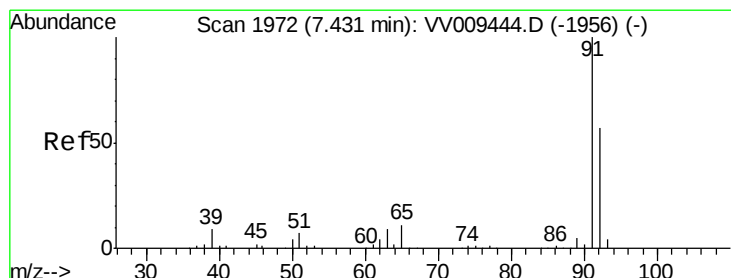
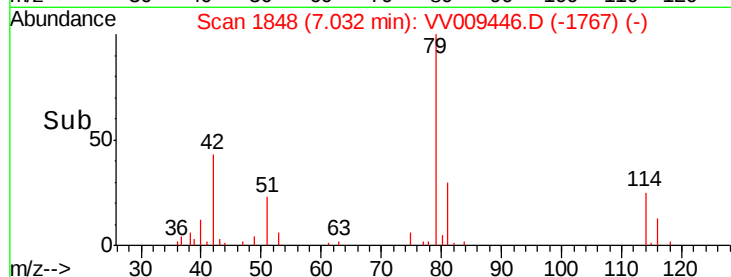
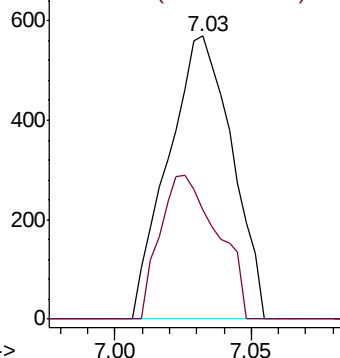


#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV009446.D
 Acq: 01 Mar 2019 11:06

Tgt Ion: 75 Resp: 923
 Ion Ratio Lower Upper
 75 100
 77 38.7 21.1 39.1

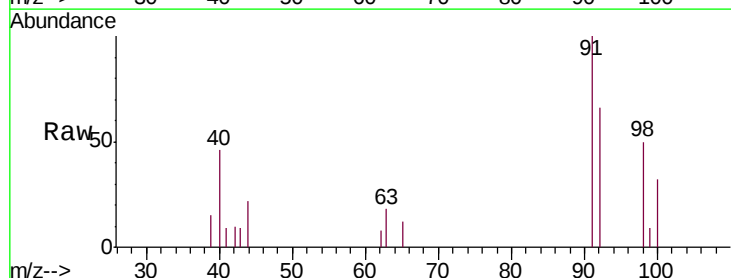


Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 77.05 (76.75 to 77.75): VV0

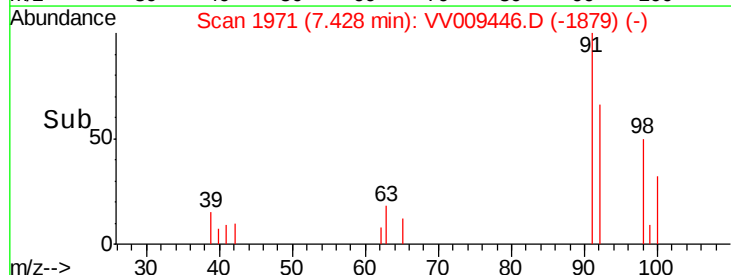
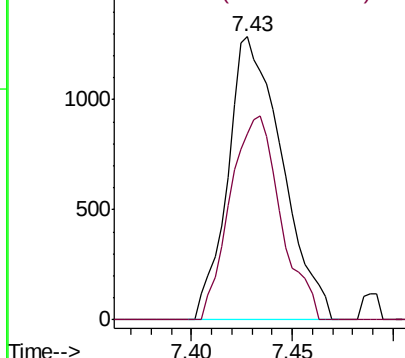


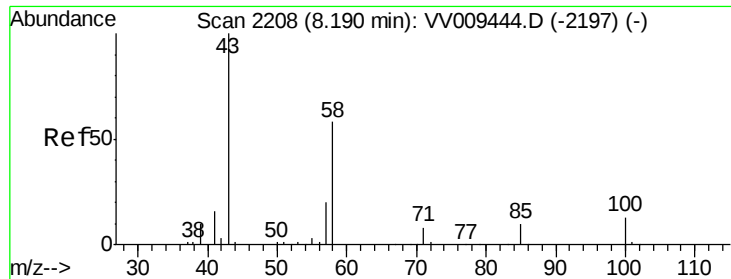
#42
 Toluene
 Concen: 0.072 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VV009446.D
 Acq: 01 Mar 2019 11:06

Tgt Ion: 91 Resp: 2420
 Ion Ratio Lower Upper
 91 100
 92 65.6 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0





#48

2-Hexanone

Concen: 1.740 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV009446.D

Acq: 01 Mar 2019 11:06

Tgt Ion: 43 Resp: 4540

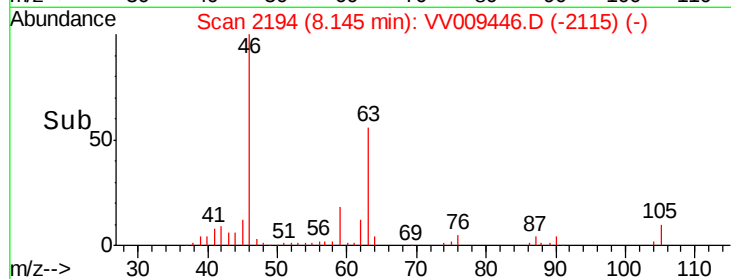
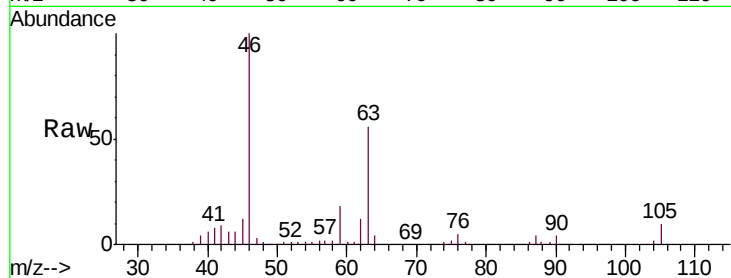
Ion Ratio Lower Upper

43 100

58 18.5 45.2 67.8#

57 29.9 16.0 24.0#

100 0.0 10.2 15.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

