

Data File : VV011750.D
Acq On : 25 Jun 2019 15:14
Operator : SY/MD
Sample : K3462-07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 26 01:44:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 26 01:40:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	175180	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	160013	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66367	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67461	5.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.00%
7) Chloroethane-d5	1.58	69	49787	6.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.80%
11) 1,1-Dichloroethene-d2	2.12	63	101869	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	3.96	46	170628	55.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.42%
24) Chloroform-d	4.40	84	121538	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
26) 1,2-Dichloroethane-d4	5.08	65	72248	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.10	84	265571	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.00%
36) 1,2-Dichloropropane-d6	6.12	67	80794	5.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.60%
41) Toluene-d8	7.36	98	229600	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
43) trans-1,3-Dichloropropene-	7.66	79	23946	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.13	63	128315	56.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52304	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	73394	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

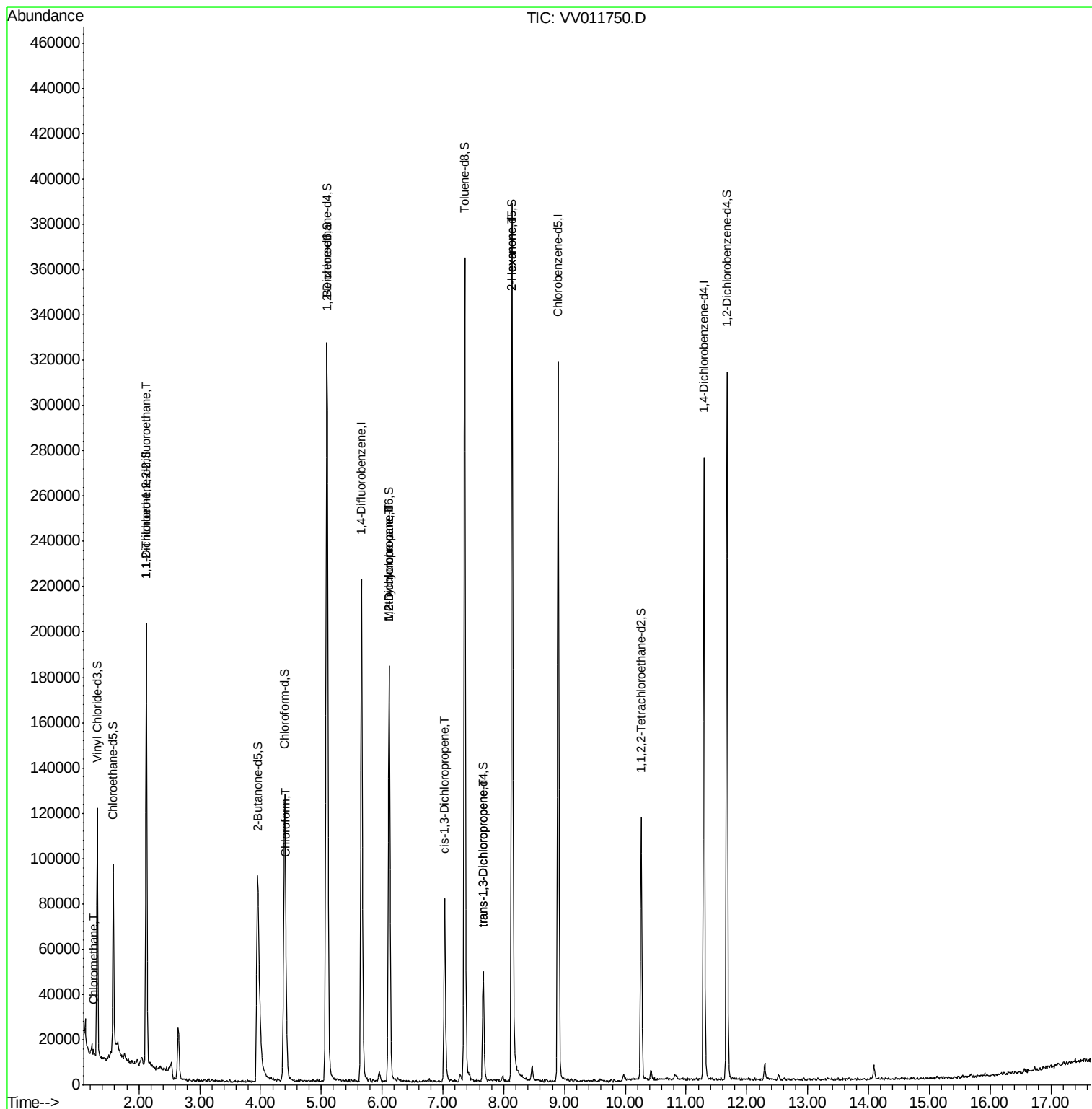
					Qvalue	
3) Chloromethane	1.25	50	1345	0.081	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1003	0.084	ug/L #	25
25) Chloroform	4.42	83	10267	0.369	ug/L	99
35) Methylcyclohexane	6.12	83	19516	0.859	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	10262	0.762	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2246	0.127	ug/L #	71
44) trans-1,3-Dichloropropene	7.66	75	1446	0.110	ug/L	96
48) 2-Hexanone	8.14	43	17913	3.016	ug/L #	70

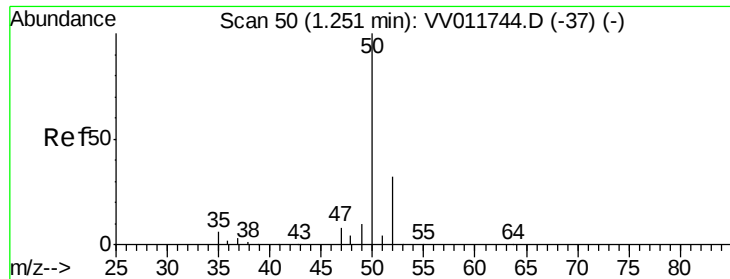
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.081 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV011750.D

Acq: 25 Jun 2019 15:14

Instrument :

MSVOA_V

ClientSampleId :

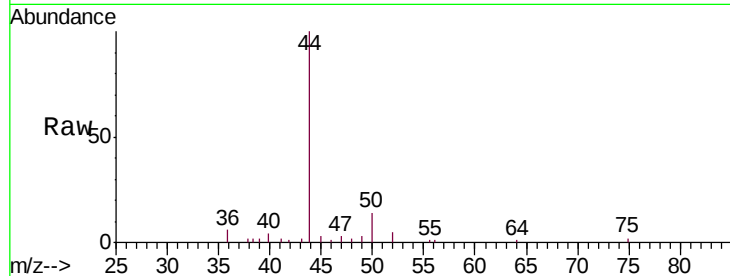
VHBLK01

Tgt Ion: 50 Resp: 1345

Ion Ratio Lower Upper

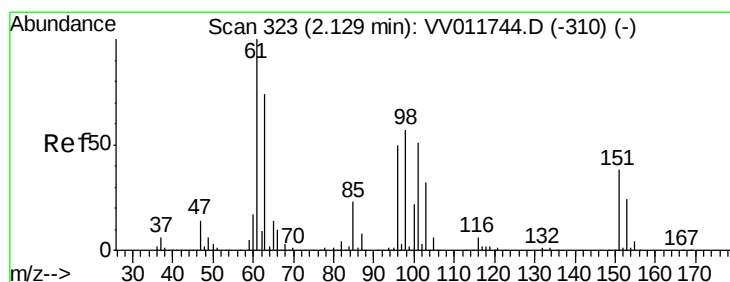
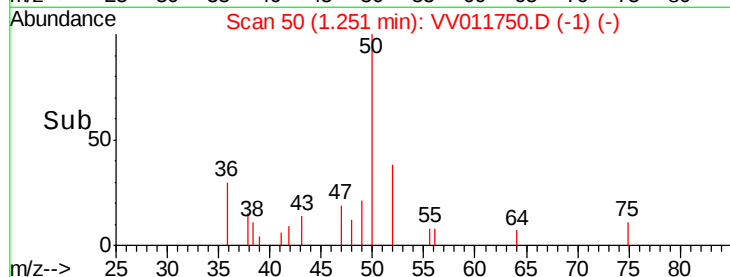
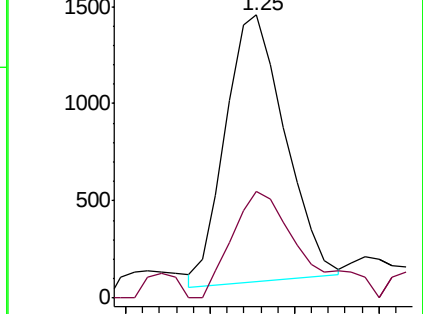
50 100

52 37.6 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV011744.D (-37) (-)

Ion 52.05 (51.75 to 52.75): VV011744.D (-37) (-)



#10

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

Concen: 0.084 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011750.D

Acq: 25 Jun 2019 15:14

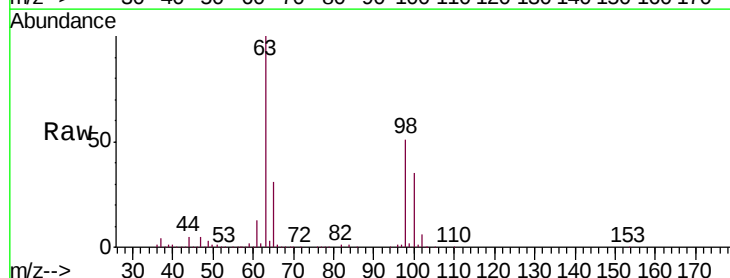
Tgt Ion: 101 Resp: 1003

Ion Ratio Lower Upper

101 100

85 7.9 35.9 53.9#

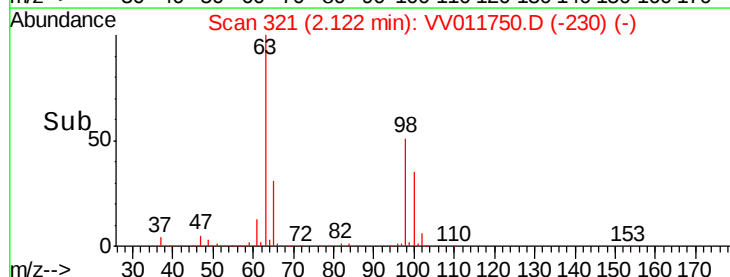
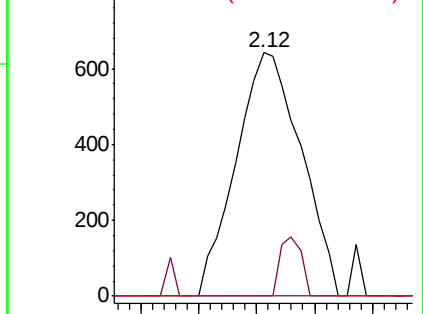
151 0.0 57.4 86.2#

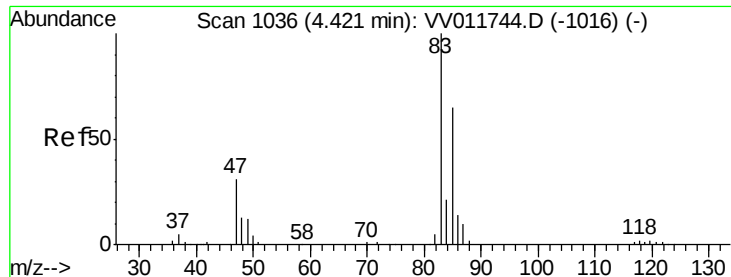


Abundance Ion 101.00 (100.70 to 101.70): VV011744.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV011744.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV011744.D (-310) (-)

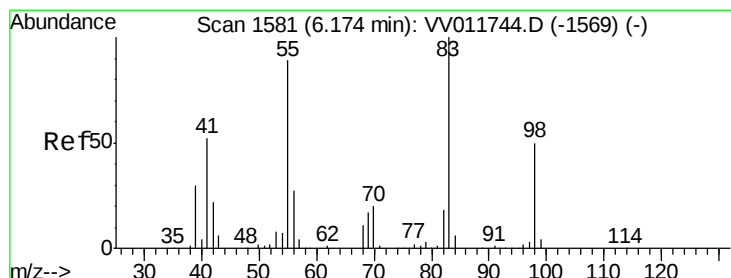
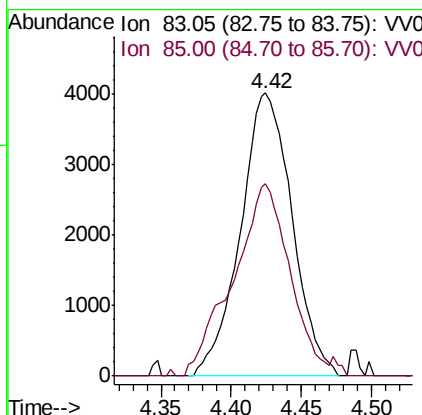
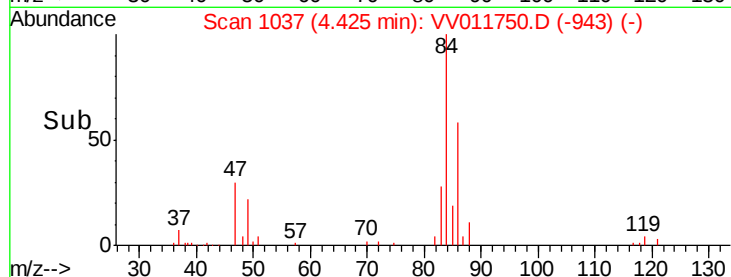
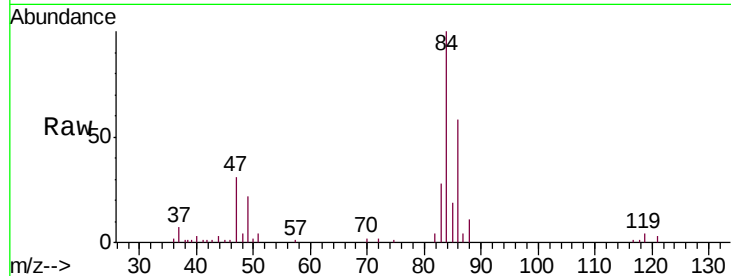




#25
Chloroform
Concen: 0.369 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011750.D
Acq: 25 Jun 2019 15:14

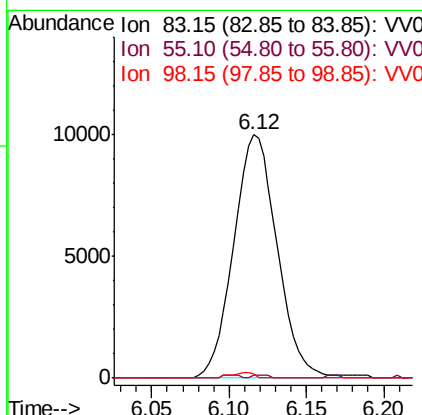
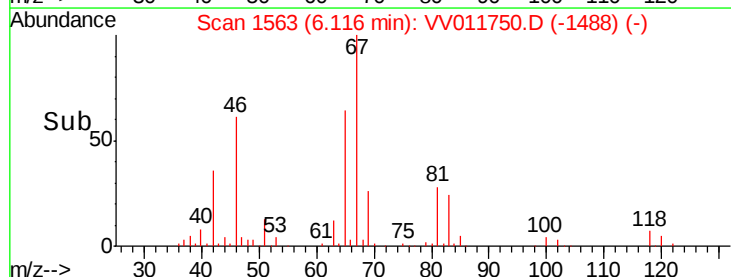
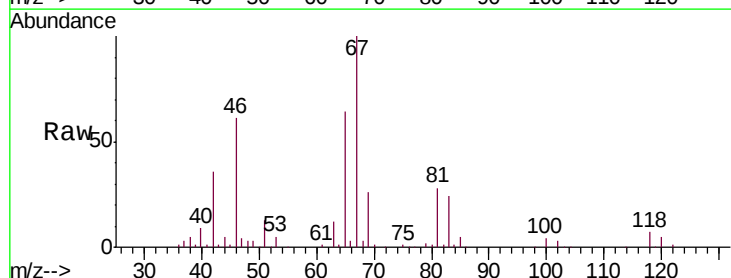
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

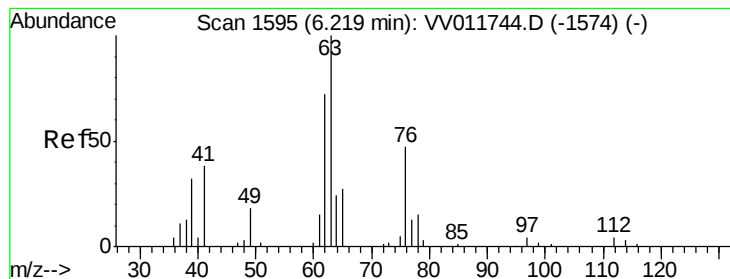
Tgt Ion: 83 Resp: 10267
Ion Ratio Lower Upper
83 100
85 68.2 47.0 87.2



#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011750.D
Acq: 25 Jun 2019 15:14

Tgt Ion: 83 Resp: 19516
Ion Ratio Lower Upper
83 100
55 0.5 69.4 104.2#
98 1.2 40.2 60.4#





#37

1,2-Dichloropropane

Concen: 0.762 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV011750.D

Acq: 25 Jun 2019 15:14

Instrument :

MSVOA_V

ClientSampleId :

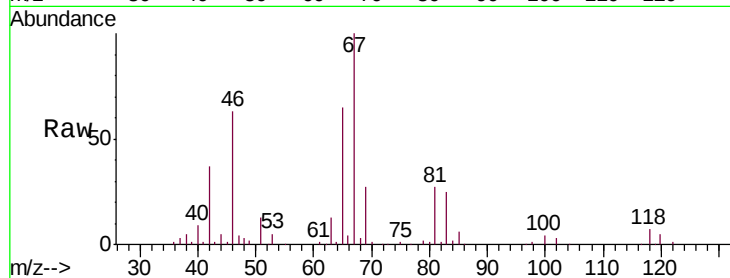
VHBLK01

Tgt Ion: 63 Resp: 10262

Ion Ratio Lower Upper

63 100

112 0.7 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV011744.D (-1574) (-)

Ion 112.10 (111.80 to 112.80): VV011744.D (-1574) (-)

6.12

5000

4000

3000

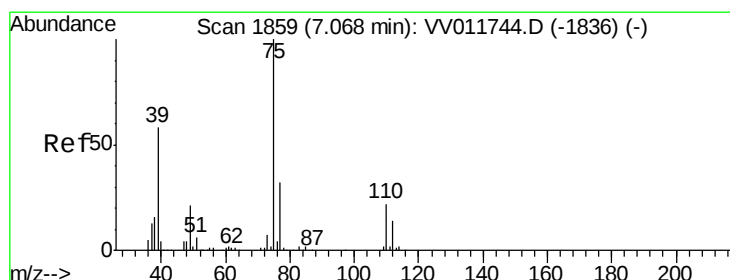
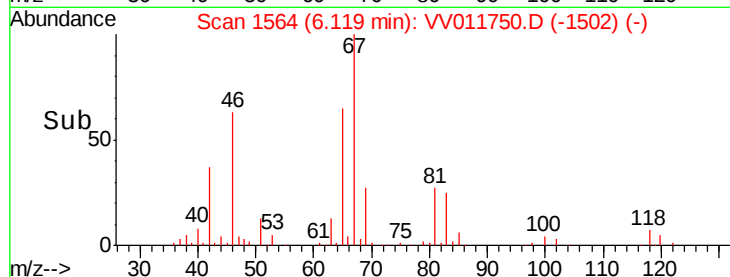
2000

1000

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6.05 6.10 6.15 6.20

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011750.D

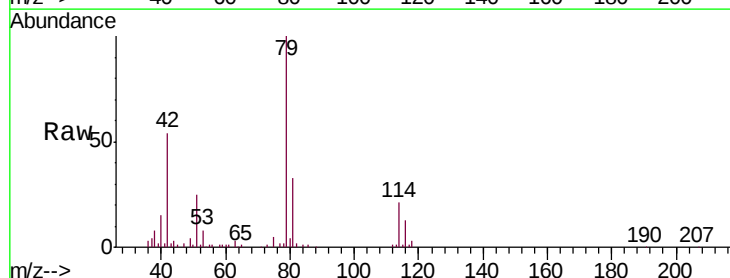
Acq: 25 Jun 2019 15:14

Tgt Ion: 75 Resp: 2246

Ion Ratio Lower Upper

75 100

77 48.3 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VV011744.D (-1836) (-)

Ion 77.05 (76.75 to 77.75): VV011744.D (-1836) (-)

7.03

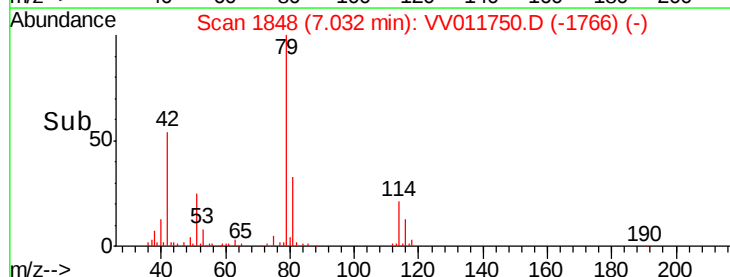
1000

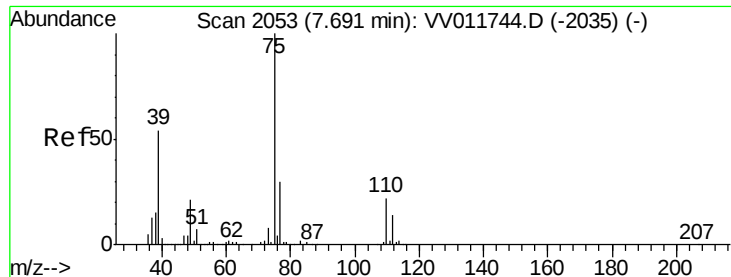
500

0

7.00 7.05 7.10

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV011750.D

Acq: 25 Jun 2019 15:14

Instrument :

MSVOA_V

ClientSampleId :

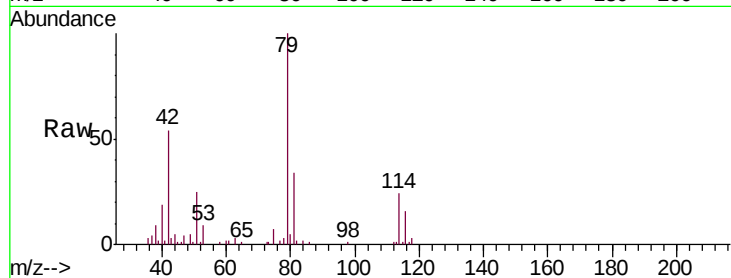
VHBLK01

Tgt Ion: 75 Resp: 1446

Ion Ratio Lower Upper

75 100

77 34.5 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VV011744.D (-2035) (-)

Ion 77.05 (76.75 to 77.75): VV011744.D (-2035) (-)

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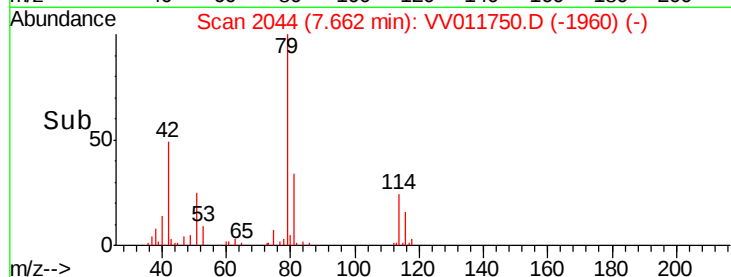
7.66

7.66

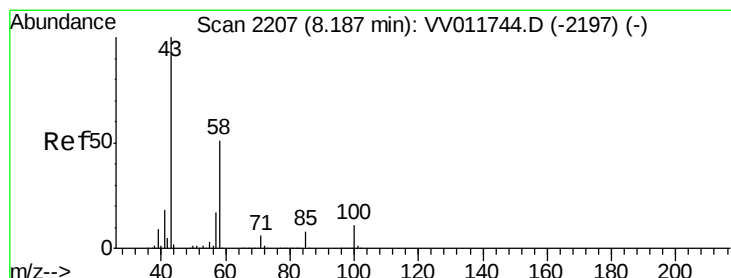
7.66

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7.66



Time-->



#48

2-Hexanone

Concen: 3.016 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011750.D

Acq: 25 Jun 2019 15:14

Tgt Ion: 43 Resp: 17913

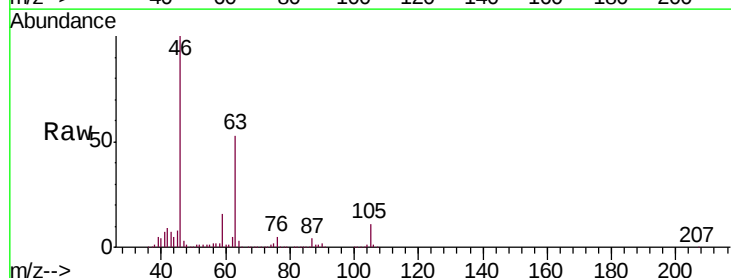
Ion Ratio Lower Upper

43 100

58 26.3 40.1 60.1#

57 26.2 14.4 21.6#

100 0.9 8.6 12.8#



Abundance Ion 43.05 (42.75 to 43.75): VV011744.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV011744.D (-2197) (-)

Ion 57.20 (56.90 to 57.90): VV011744.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV011744.D (-2197) (-)

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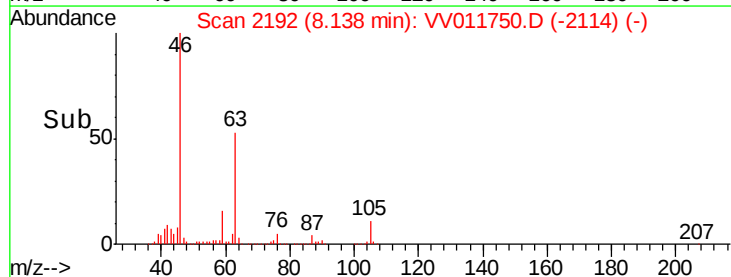
8.14

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8.14



Time-->