

Data File : VV008058.D
Acq On : 04 Oct 2018 13:03
Operator : SY/MD
Sample : J5185-13
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Oct 05 05:21:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 05 05:20:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89243	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84220	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42122	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22288	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.59	69	20729	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	35423	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.99	46	76473	53.14	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.28%
24) Chloroform-d	4.41	84	56539	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.09	65	29258	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	106030	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.12	67	34536	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.36	98	98561	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	11882	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.14	63	56630	52.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24655	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	42368	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

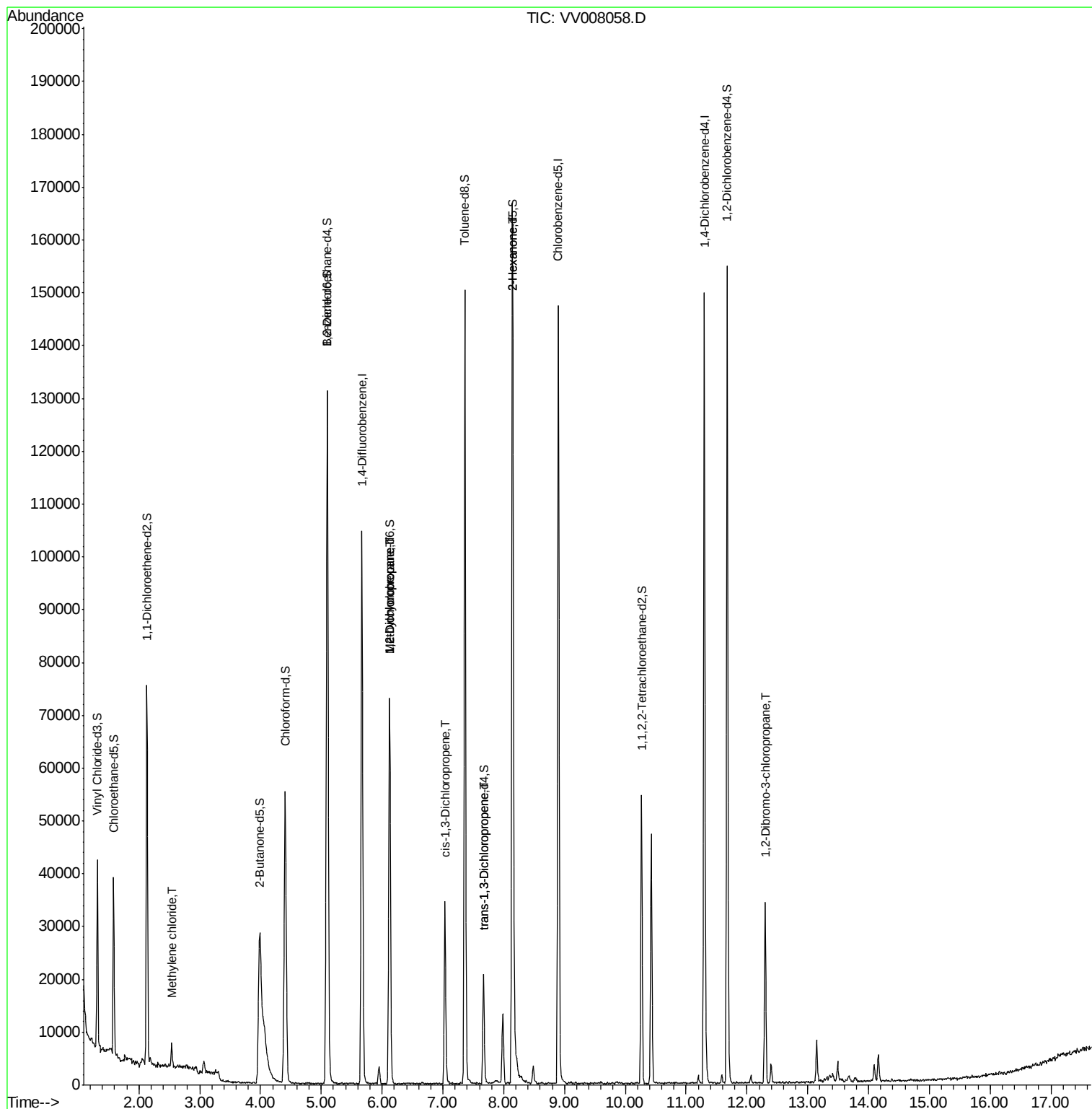
					Qvalue
16) Methylene chloride	2.54	84	1710	0.261 ug/L	97
35) Methylcyclohexane	6.13	83	8558	0.826 ug/L #	22
37) 1,2-Dichloropropane	6.13	63	3876	0.629 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	762	0.092 ug/L #	61
44) trans-1,3-Dichloropropene	7.67	75	575	0.084 ug/L #	37
48) 2-Hexanone	8.14	43	8028	2.985 ug/L #	69
66) 1,2-Dibromo-3-chloropropan	12.30	75	801	1.199 ug/L #	10

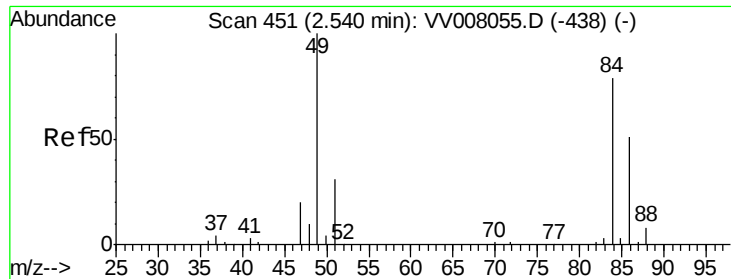
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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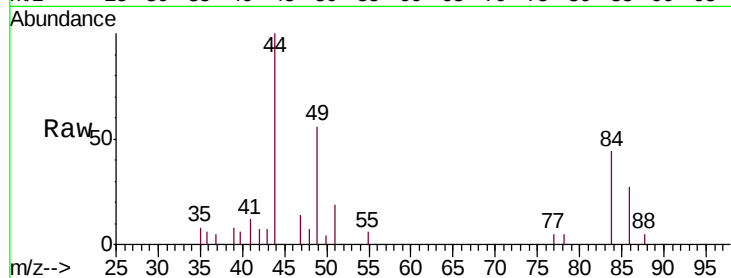




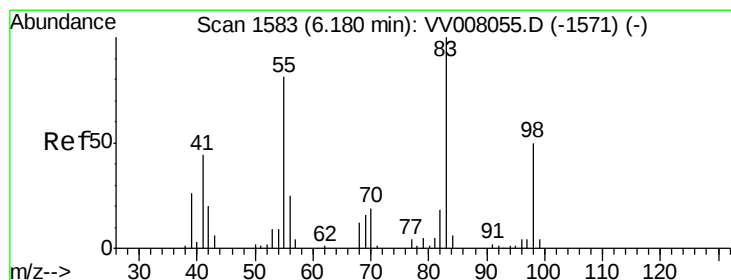
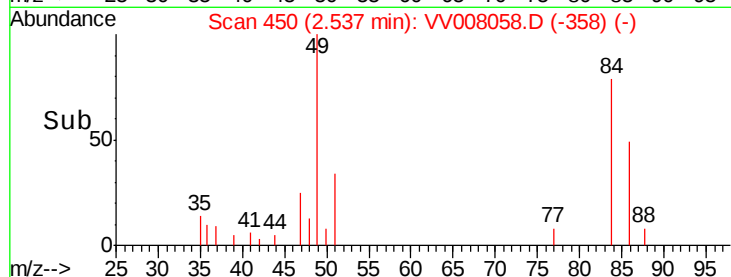
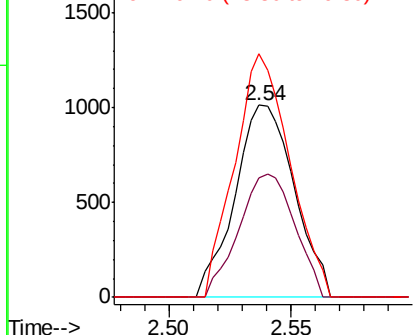
#16
Methylene chloride
Concen: 0.261 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008058.D
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Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 84 Resp: 1710
Ion Ratio Lower Upper
84 100
86 62.4 47.3 87.8
49 126.8 90.0 167.2

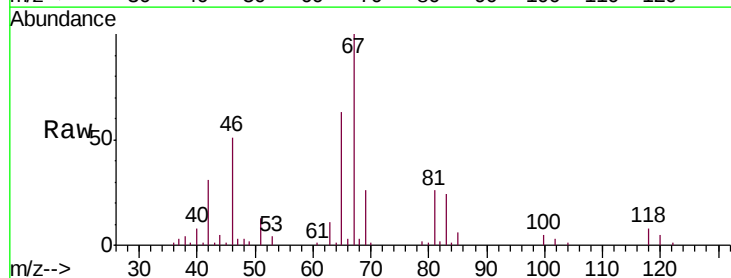


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

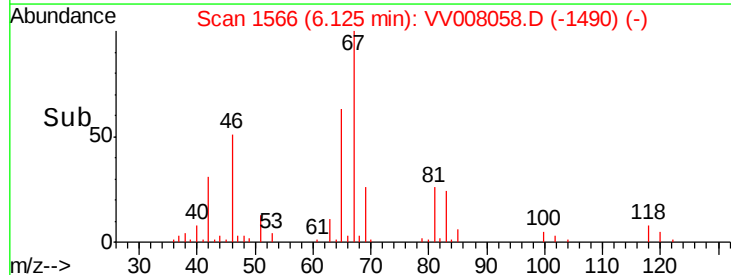
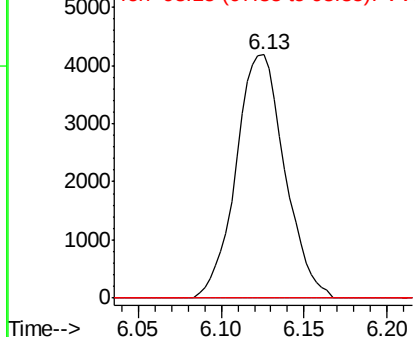


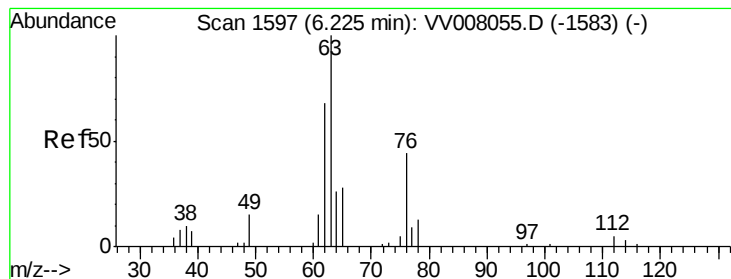
#35
Methylcyclohexane
Concen: 0.826 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008058.D
Acq: 04 Oct 2018 13:03

Tgt Ion: 83 Resp: 8558
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 7.4 38.0 57.0#



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: 0.629 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008058.D

Acq: 04 Oct 2018 13:03

Instrument :

MSVOA_V

ClientSampleId :

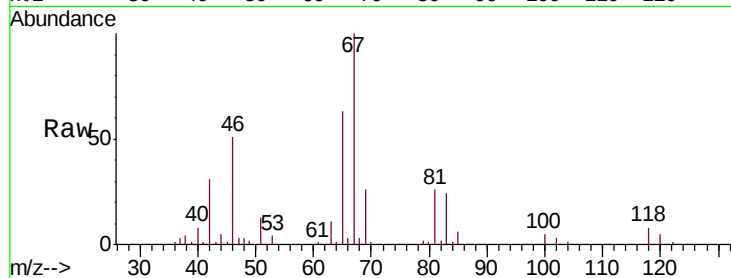
VHBLK01

Tgt Ion: 63 Resp: 3876

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV008055.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV008055.D (-1583) (-)

6.13

2000

1500

1000

500

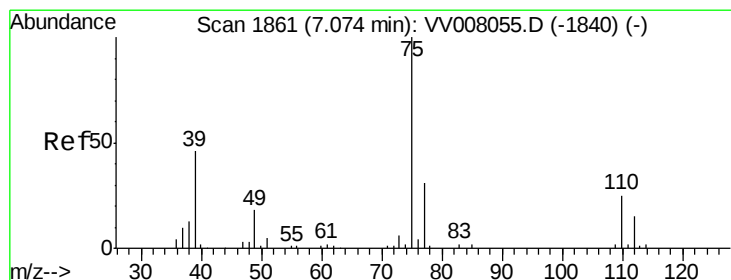
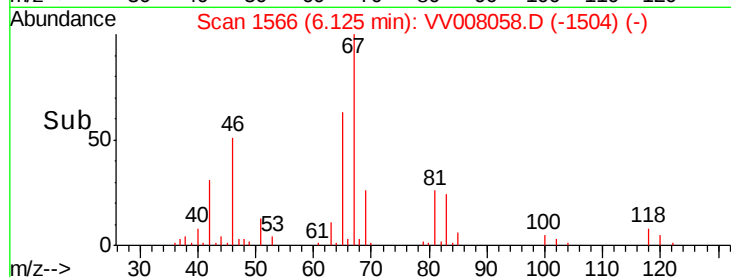
0

6.05

6.10

6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008058.D

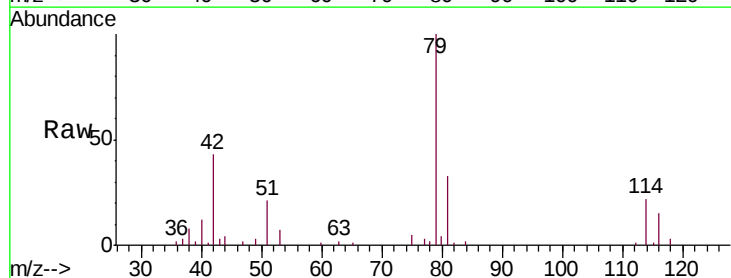
Acq: 04 Oct 2018 13:03

Tgt Ion: 75 Resp: 762

Ion Ratio Lower Upper

75 100

77 54.9 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008055.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV008055.D (-1840) (-)

7.04

600

500

400

300

200

100

0

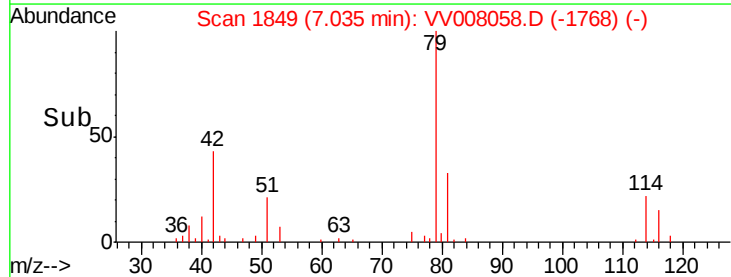
7.00

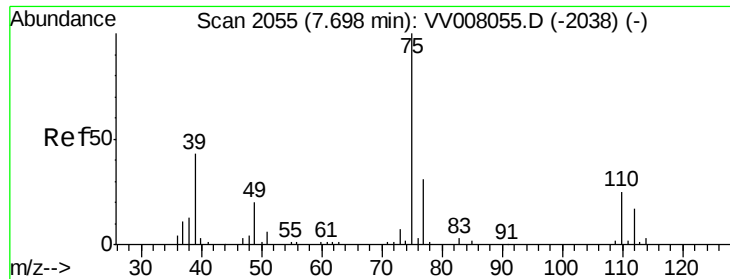
7.02

7.04

7.06

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008058.D

Acq: 04 Oct 2018 13:03

Instrument :

MSVOA_V

ClientSampleId :

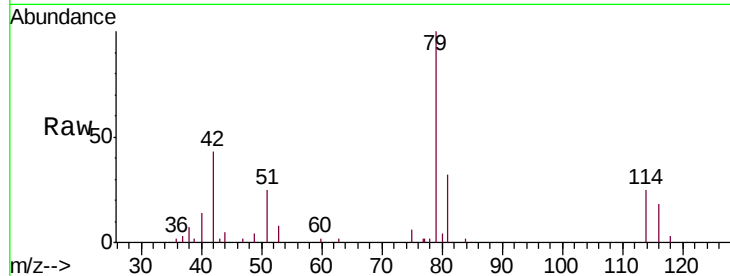
VHBLK01

Tgt Ion: 75 Resp: 575

Ion Ratio Lower Upper

75 100

77 66.9 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

400

300

200

100

0

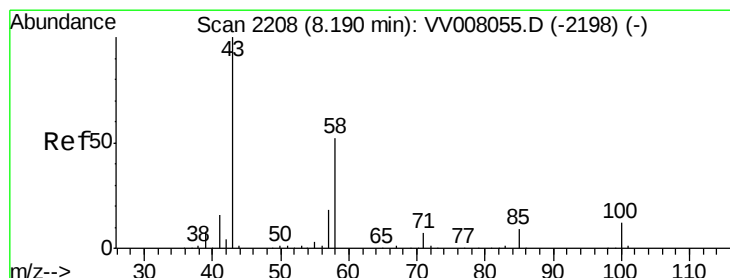
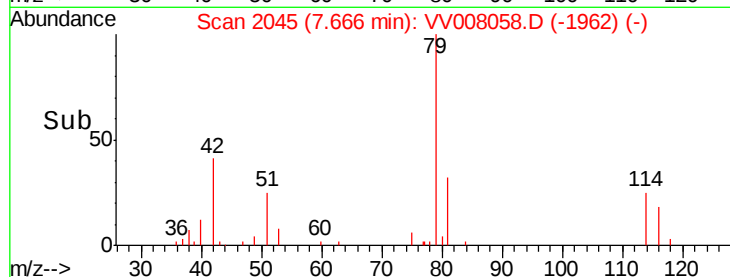
7.64

7.66

7.68

7.70

Time-->



#48

2-Hexanone

Concen: 2.985 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.04 min

Lab File: VV008058.D

Acq: 04 Oct 2018 13:03

Tgt Ion: 43 Resp: 8028

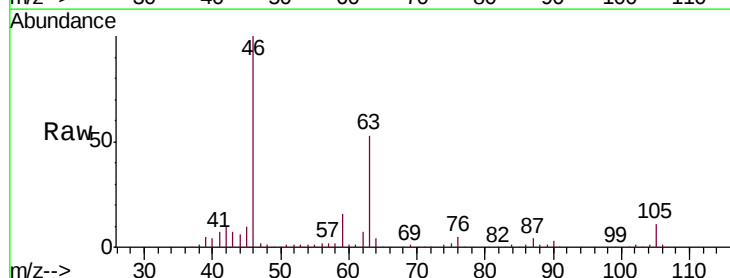
Ion Ratio Lower Upper

43 100

58 30.4 41.9 62.9#

57 31.9 14.3 21.5#

100 0.0 9.2 13.8#



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

6000

5000

4000

3000

2000

1000

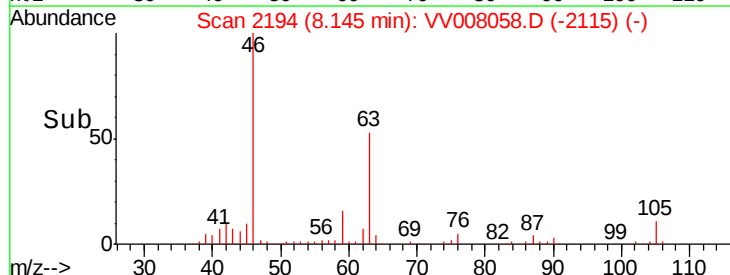
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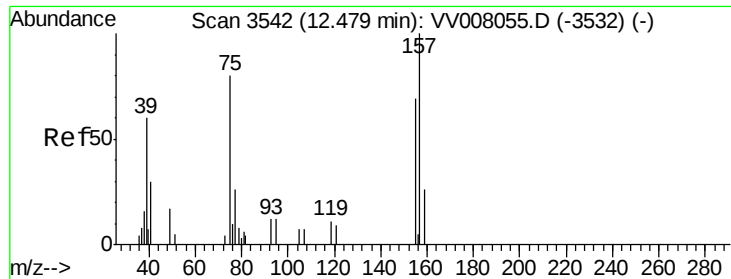
8.10

8.15

8.20

Time-->





#66

1,2-Dibromo-3-chloropropane

Concen: 1.199 ug/L

RT: 12.30 min Scan# 3486

Delta R.T. -0.18 min

Lab File: VV008058.D

Acq: 04 Oct 2018 13:03

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 801

Ion Ratio Lower Upper

75 100

155 30.8 83.4 125.2#

157 0.0 93.9 140.9#

