

Data File : VV007625.D
Acq On : 19 Sep 2018 01:58
Operator : SY/MD
Sample : J4874-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A3ZB3

Quant Time: Sep 19 02:33:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	112502	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101047	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52890	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26021	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.59	69	24202	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.14	63	46543	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.97	46	56952	77.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	154.04%#
24) Chloroform-d	4.41	84	55858	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.09	65	29477	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	113241	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.13	67	32658	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.36	98	113517	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.67	79	12430	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.15	63	25859	53.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19524	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	47802	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

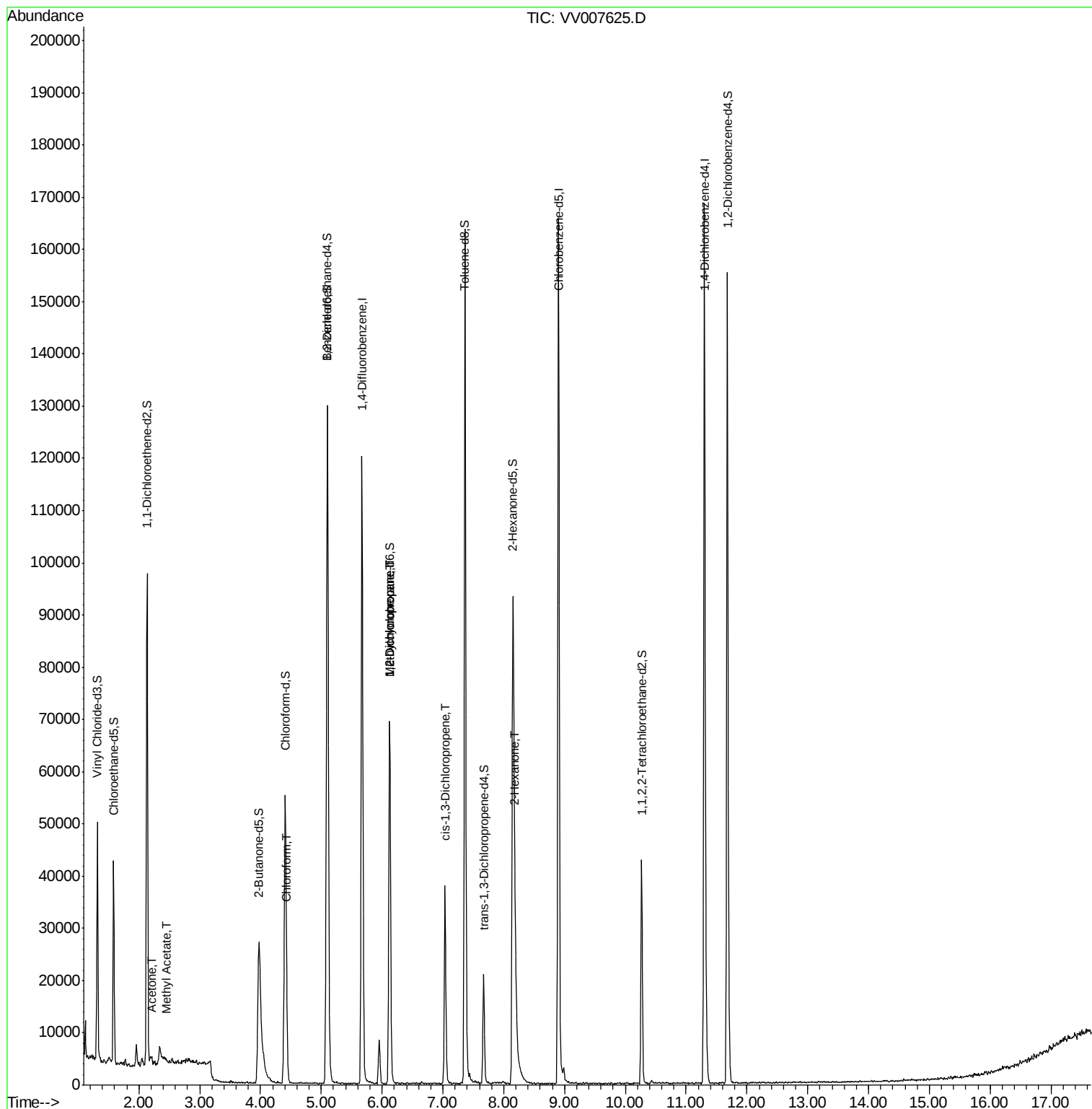
					Qvalue
13) Acetone	2.21	43	1473	2.339 ug/L	71
15) Methyl Acetate	2.45	43	226	0.123 ug/L #	49
25) Chloroform	4.44	83	2470	0.191 ug/L	94
35) Methylcyclohexane	6.12	83	8108	0.649 ug/L #	25
37) 1,2-Dichloropropane	6.12	63	3864	0.656 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	928	0.095 ug/L #	65
48) 2-Hexanone	8.19	43	10557	3.972 ug/L #	78

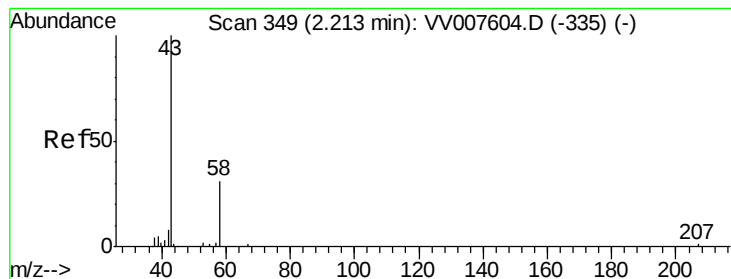
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.339 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

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Acq: 19 Sep 2018 01:58

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MSVOA_V

ClientSampleId :

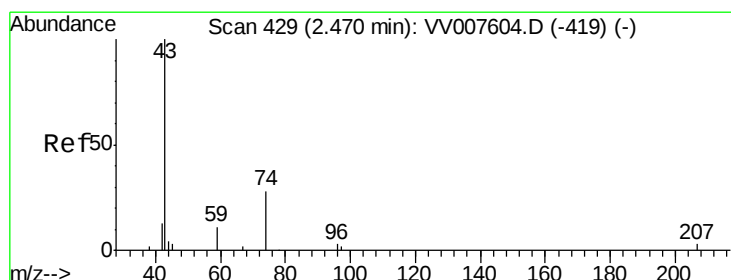
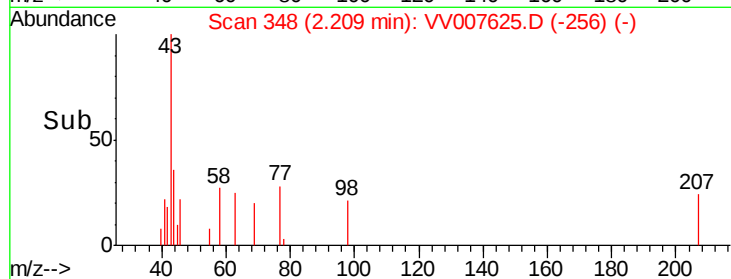
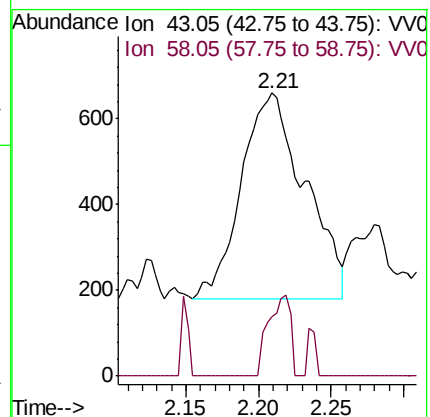
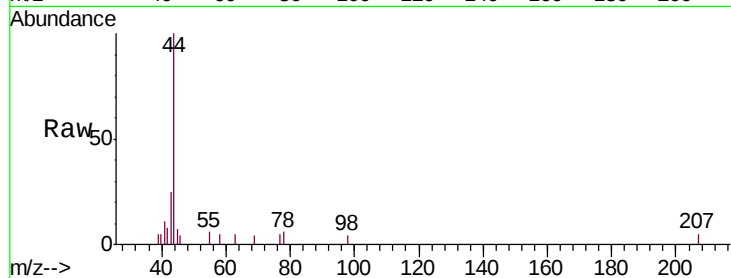
A3ZB3

Tgt Ion: 43 Resp: 1473

Ion Ratio Lower Upper

43 100

58 13.4 0.0 57.2



#15

Methyl Acetate

Concen: 0.123 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.02 min

Lab File: VV007625.D

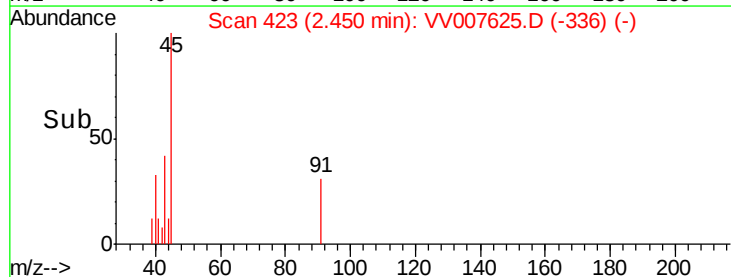
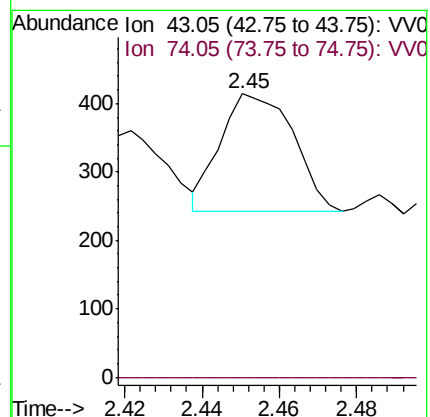
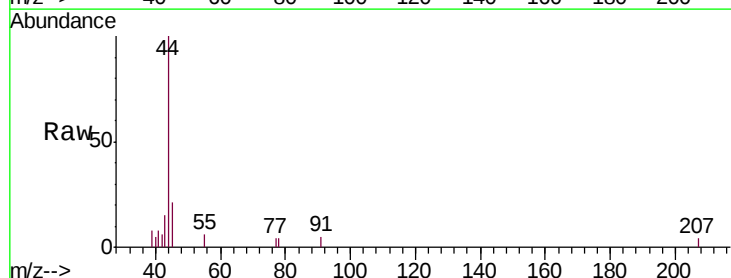
Acq: 19 Sep 2018 01:58

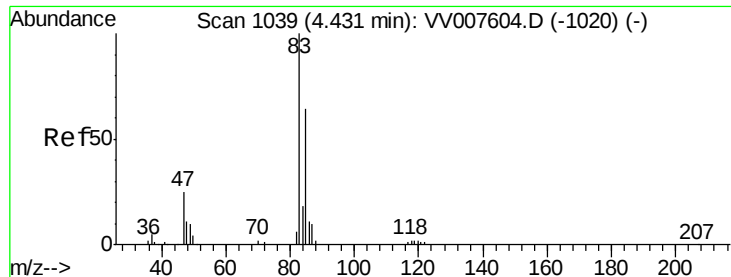
Tgt Ion: 43 Resp: 226

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#





#25

Chloroform

Concen: 0.191 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.01 min

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Acq: 19 Sep 2018 01:58

Instrument :

MSVOA_V

ClientSampled :

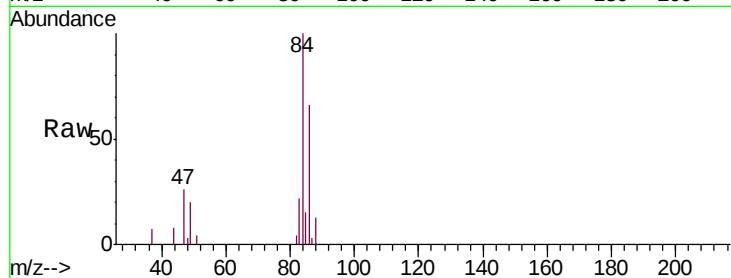
A3ZB3

Tgt Ion: 83 Resp: 2470

Ion Ratio Lower Upper

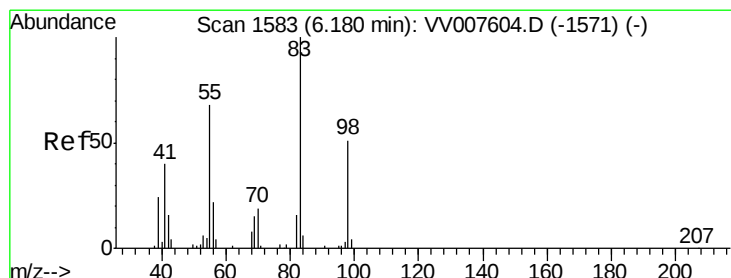
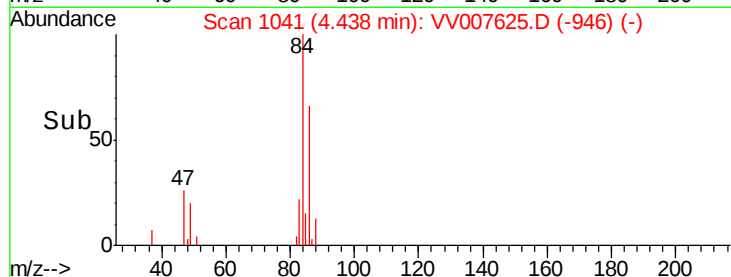
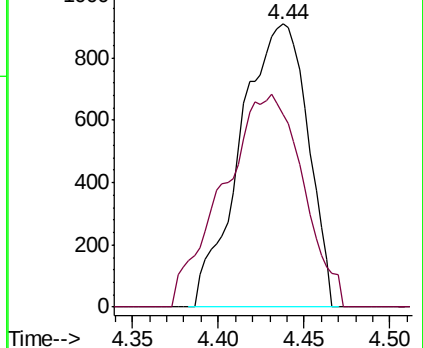
83 100

85 68.0 44.5 82.7



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.649 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007625.D

Acq: 19 Sep 2018 01:58

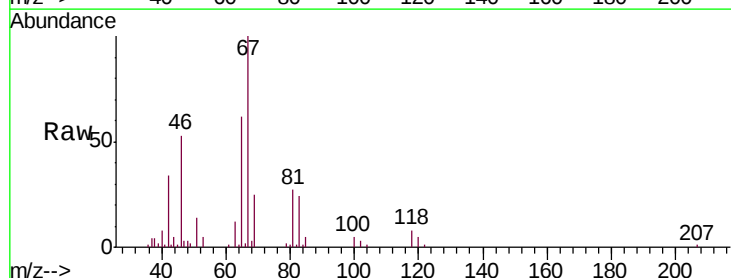
Tgt Ion: 83 Resp: 8108

Ion Ratio Lower Upper

83 100

55 0.0 54.6 82.0#

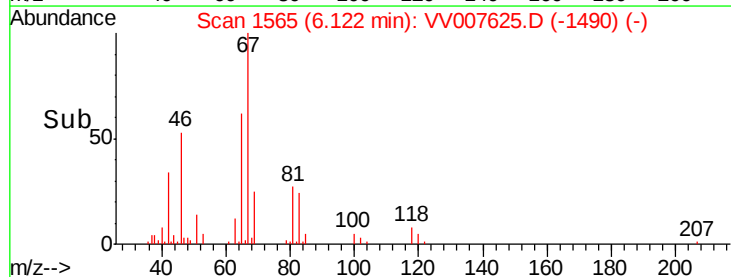
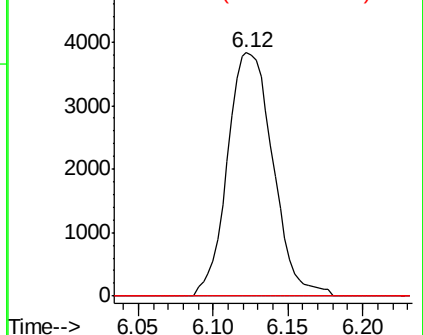
98 7.4 39.8 59.6#

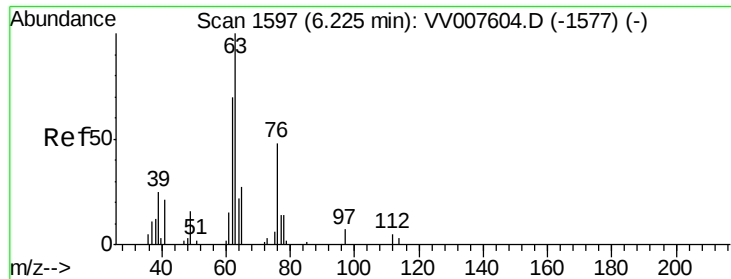


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.656 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV007625.D

Acq: 19 Sep 2018 01:58

Instrument :

MSVOA_V

ClientSampleId :

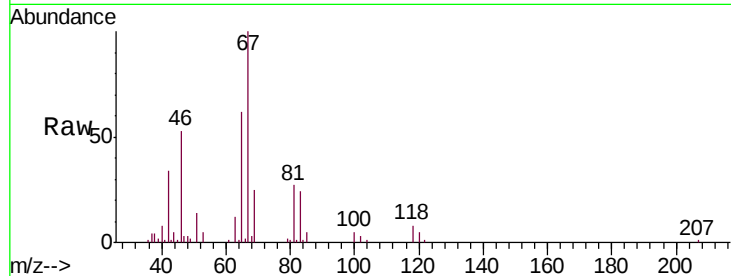
A3ZB3

Tgt Ion: 63 Resp: 3864

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV007604.D (-1577) (-)

Ion 112.10 (111.80 to 112.80): VV007604.D (-1577) (-)

6.12

2000

1500

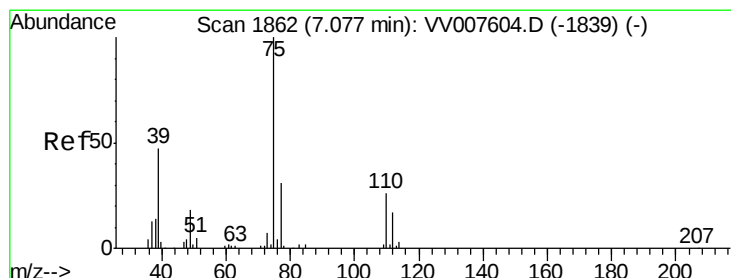
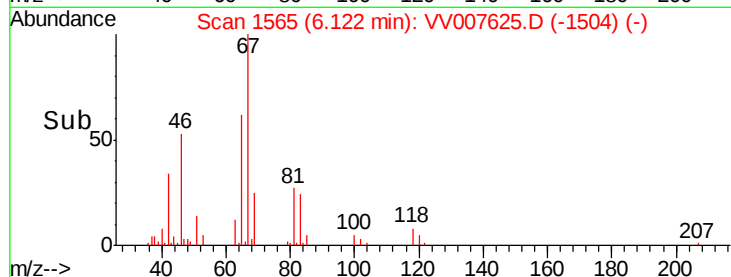
1000

500

0

6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007625.D

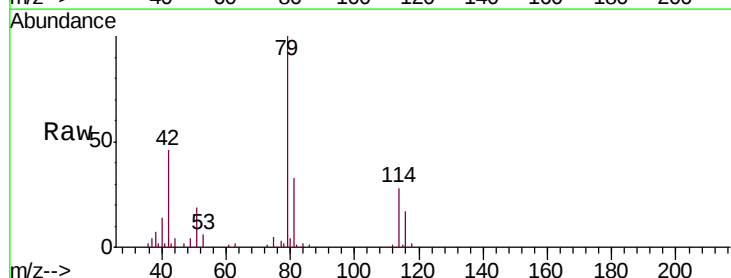
Acq: 19 Sep 2018 01:58

Tgt Ion: 75 Resp: 928

Ion Ratio Lower Upper

75 100

77 52.9 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV007604.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV007604.D (-1839) (-)

7.04

600

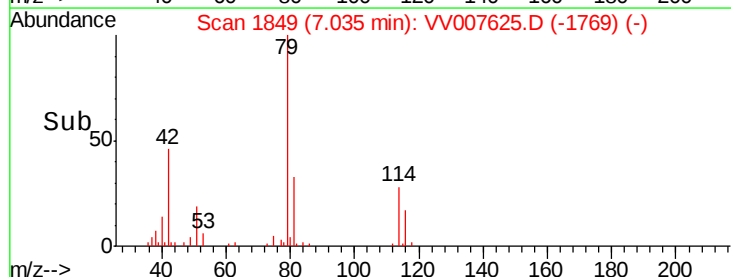
400

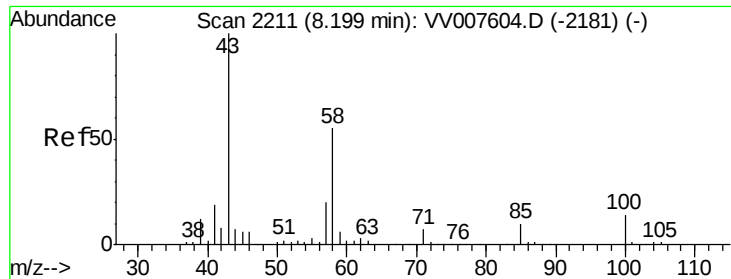
200

0

7.00 7.02 7.04 7.06 7.08

Time-->





#48

2-Hexanone

Concen: 3.972 ug/L

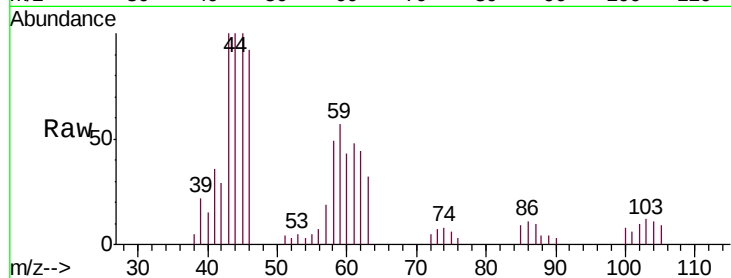
RT: 8.19 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VV007625.D

Acq: 19 Sep 2018 01:58

Instrument :
MSVOA_V
ClientSampleId :
A3ZB3



Tgt Ion:	43	Resp:	10557
Ion	Ratio	Lower	Upper
43	100		
58	45.5	45.5	68.3#
57	0.0	16.3	24.5#
100	6.5	10.7	16.1#

