

Data File : VV008161.D
Acq On : 08 Oct 2018 19:18
Operator : SY/MD
Sample : J5281-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYL2

Quant Time: Oct 09 03:39:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 09 03:37:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	80726	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	78977	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25513	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.59	69	21542	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.14	63	37706	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.97	46	63129	52.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.92%
24) Chloroform-d	4.41	84	53420	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.09	65	26858	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.10	84	101233	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	31987	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	91753	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	10420	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.14	63	41038	46.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21387	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	36616	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

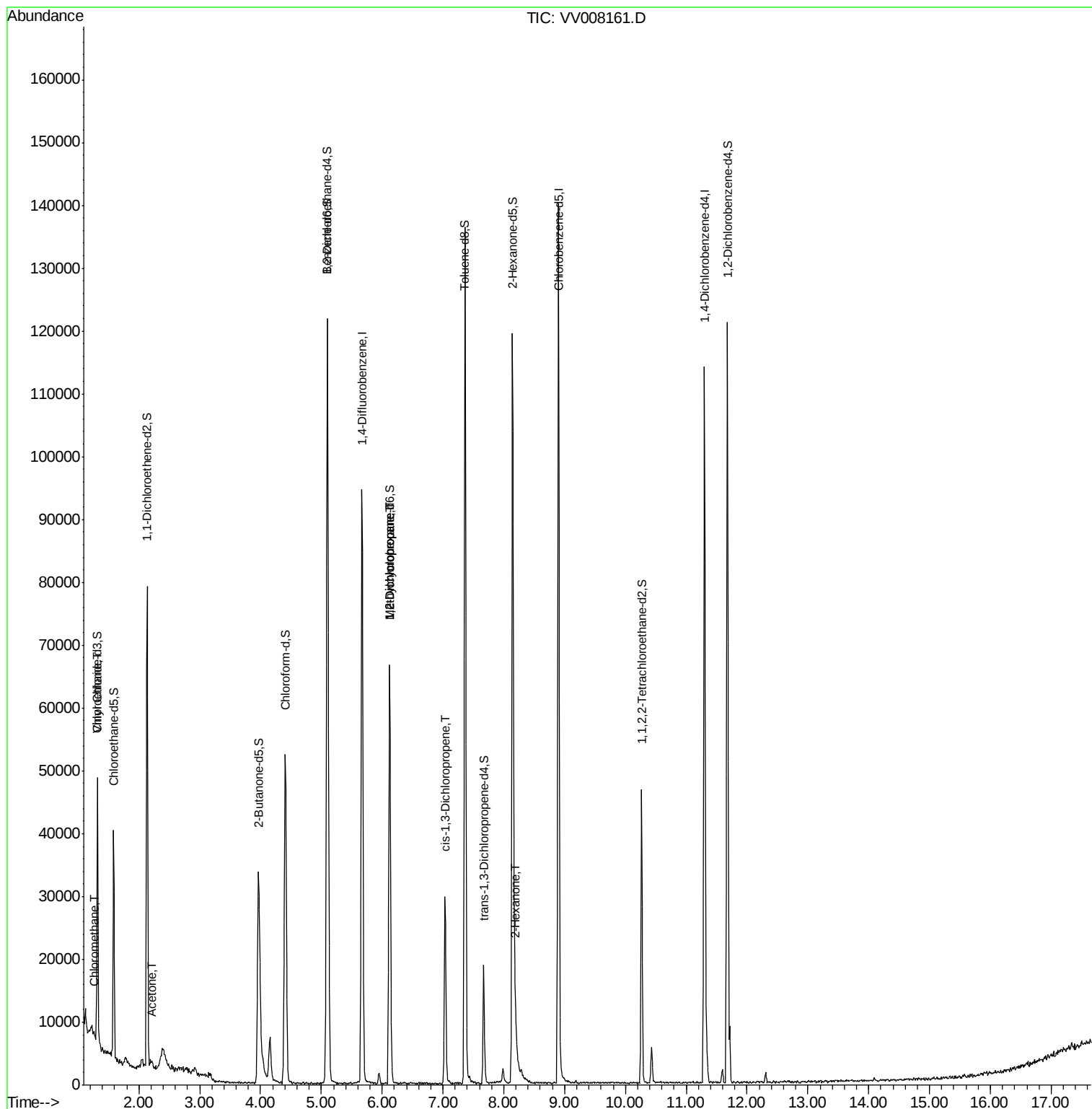
					Qvalue
3) Chloromethane	1.25	50	411	0.089 ug/L	86
8) Chloroethane	1.32	64	409	0.119 ug/L #	1
13) Acetone	2.21	43	1919	2.376 ug/L	90
35) Methylcyclohexane	6.12	83	7707	0.949 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3558	0.662 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	705	0.102 ug/L #	63
48) 2-Hexanone	8.19	43	3721	1.799 ug/L #	94

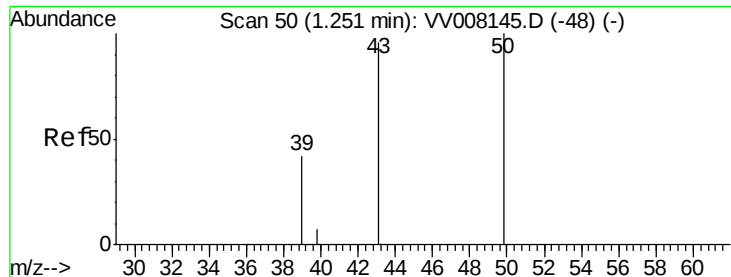
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.089 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV008161.D

Acq: 08 Oct 2018 19:18

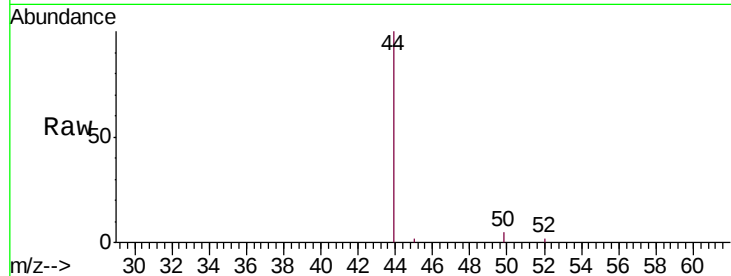
Instrument :
MSVOA_V
ClientSampled :
BEYL2

Tgt Ion: 50 Resp: 411

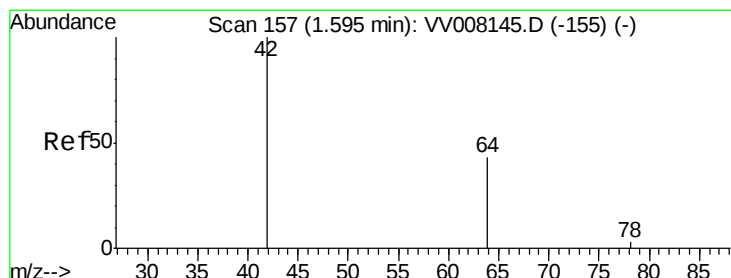
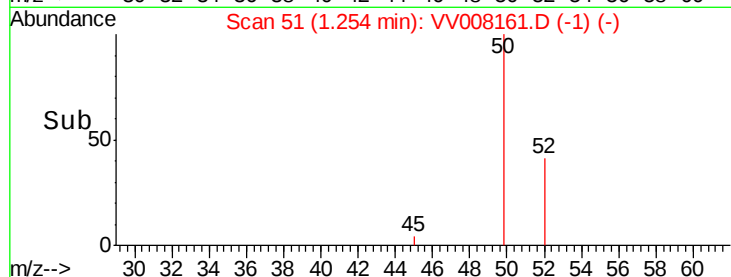
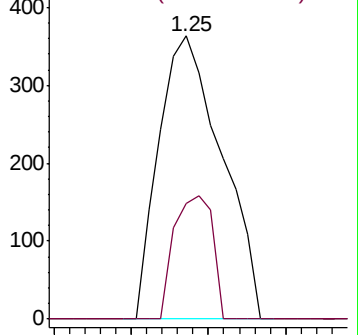
Ion Ratio Lower Upper

50 100

52 40.8 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV008145.D (-48) (-)



#8

Chloroethane

Concen: 0.119 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008161.D

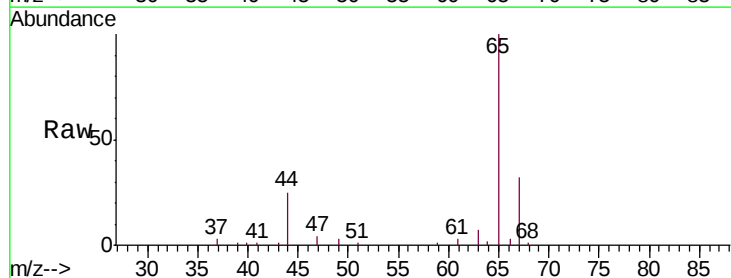
Acq: 08 Oct 2018 19:18

Tgt Ion: 64 Resp: 409

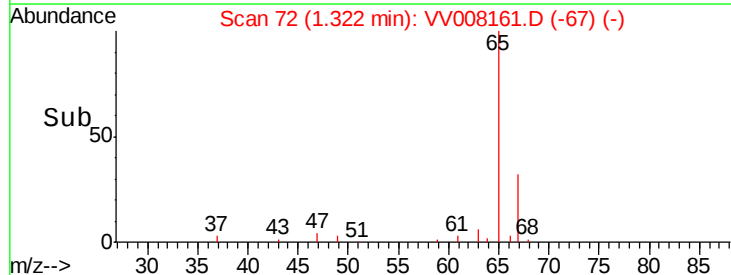
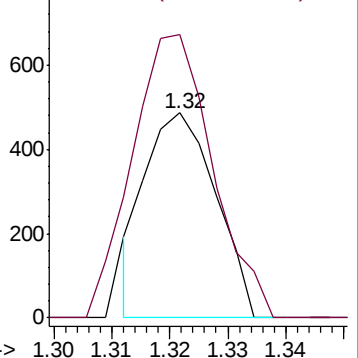
Ion Ratio Lower Upper

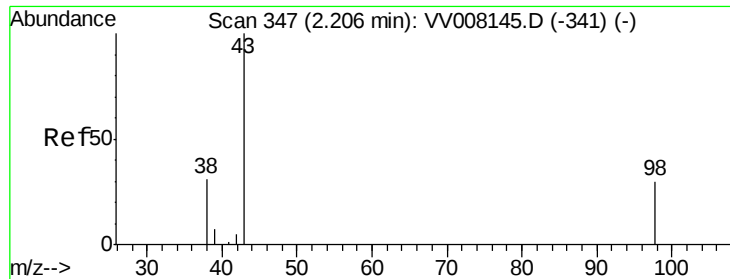
64 100

66 138.0 24.1 44.8#



Abundance Ion 64.10 (63.80 to 64.80): VV008145.D (-155) (-)





#13

Acetone

Concen: 2.376 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV008161.D

Acq: 08 Oct 2018 19:18

Instrument :

MSVOA_V

ClientSampleId :

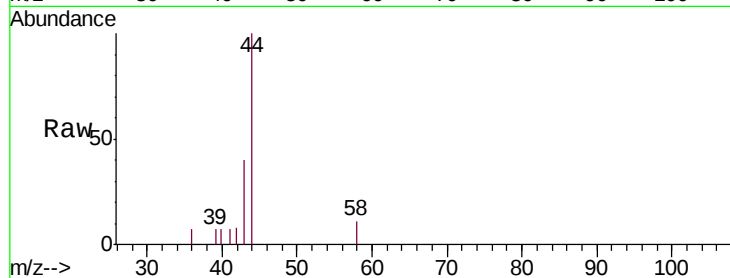
BEYL2

Tgt Ion: 43 Resp: 1919

Ion Ratio Lower Upper

43 100

58 25.7 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008145.D (-341) (-)

Ion 58.05 (57.75 to 58.75): VV008145.D (-341) (-)

2.21

800

600

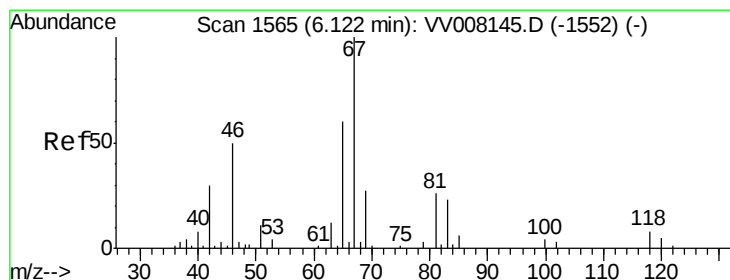
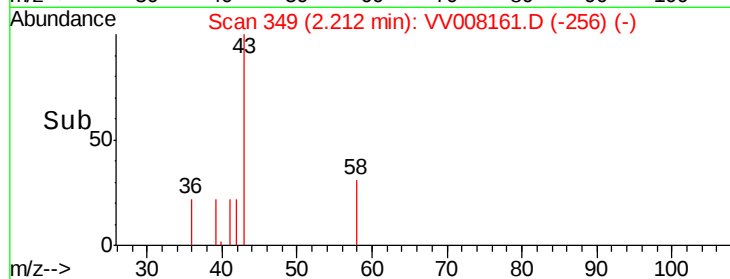
400

200

0

2.15 2.20 2.25 2.30

Time-->



#35

Methylcyclohexane

Concen: 0.949 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV008161.D

Acq: 08 Oct 2018 19:18

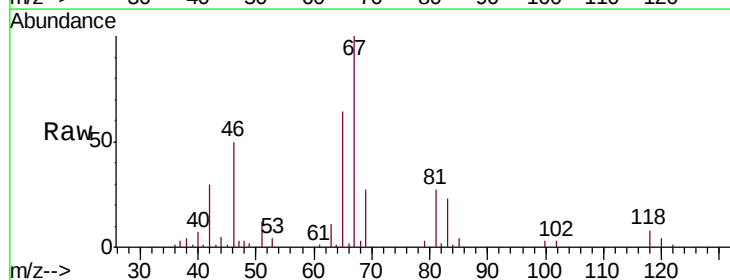
Tgt Ion: 83 Resp: 7707

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

98 1.3 38.3 57.5#



Abundance Ion 83.15 (82.85 to 83.85): VV008145.D (-1552) (-)

Ion 55.10 (54.80 to 55.80): VV008145.D (-1552) (-)

Ion 98.15 (97.85 to 98.85): VV008145.D (-1552) (-)

6.12

5000

4000

3000

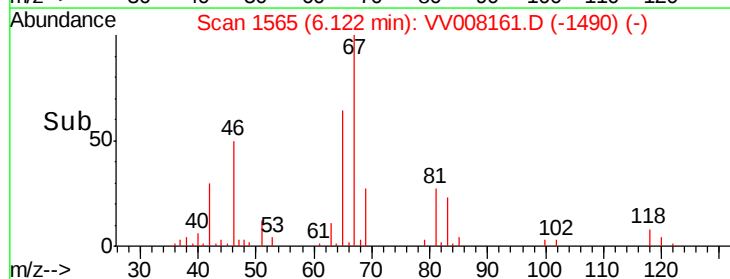
2000

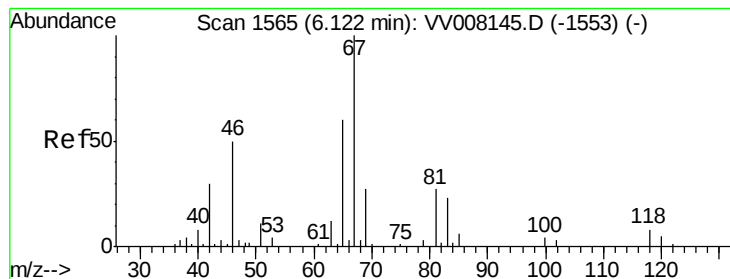
1000

0

6.05 6.10 6.15 6.20

Time-->





#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008161.D

Acq: 08 Oct 2018 19:18

Instrument :

MSVOA_V

ClientSampled :

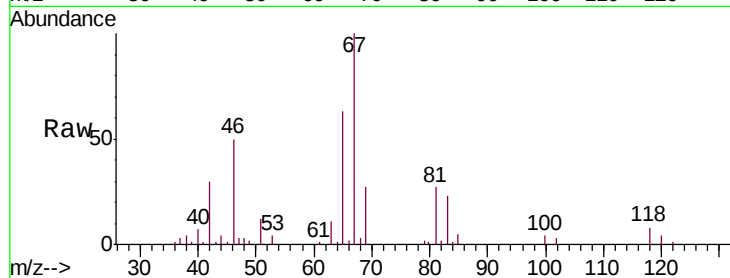
BEYL2

Tgt Ion: 63 Resp: 3558

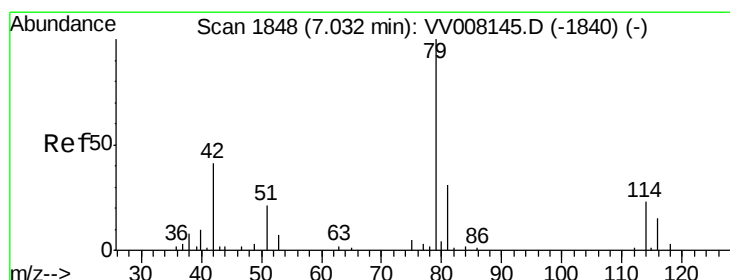
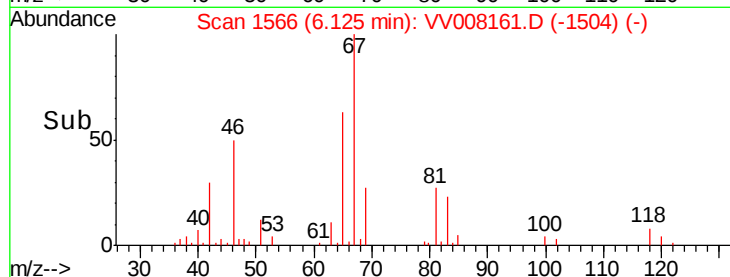
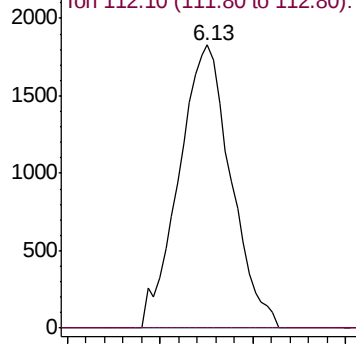
Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008161.D (-1504) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008161.D

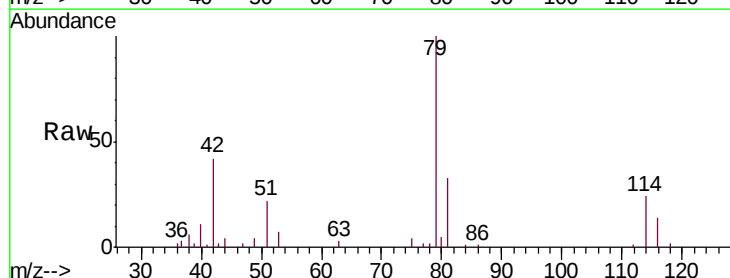
Acq: 08 Oct 2018 19:18

Tgt Ion: 75 Resp: 705

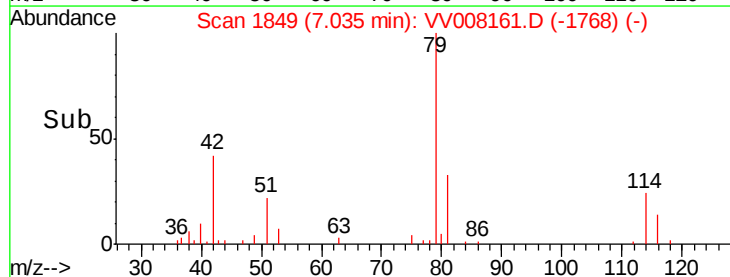
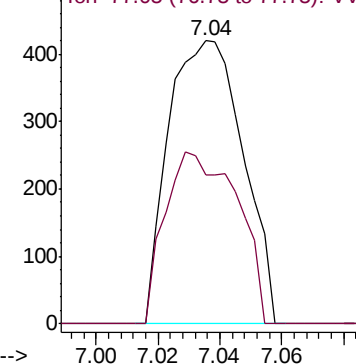
Ion Ratio Lower Upper

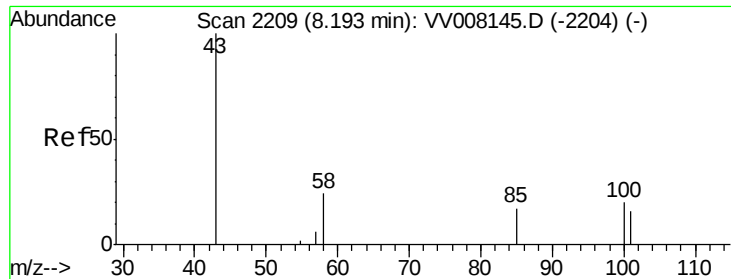
75 100

77 52.4 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008161.D (-1768) (-)





#48
 2-Hexanone
 Concen: 1.799 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VV008161.D
 Acq: 08 Oct 2018 19:18

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYL2

Tgt Ion:	43	Resp:	3721
Ion	Ratio	Lower	Upper
43	100		
58	46.6	40.5	60.7
57	20.0	14.6	22.0
100	8.2	9.3	13.9#

