

Data File : VV011718.D
Acq On : 22 Jun 2019 06:20
Operator : SY/MD
Sample : K3462-11 100X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCP7

Quant Time: Jun 24 05:50:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153470	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139659	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	55107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40934	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.58	69	30923	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.12	63	61486	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	3.95	46	166778	62.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.32%
24) Chloroform-d	4.40	84	90598	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.08	65	56901	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.10	84	184665	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	60668	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	147564	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.66	79	16610	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.14	63	123826	62.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46047	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	50416	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

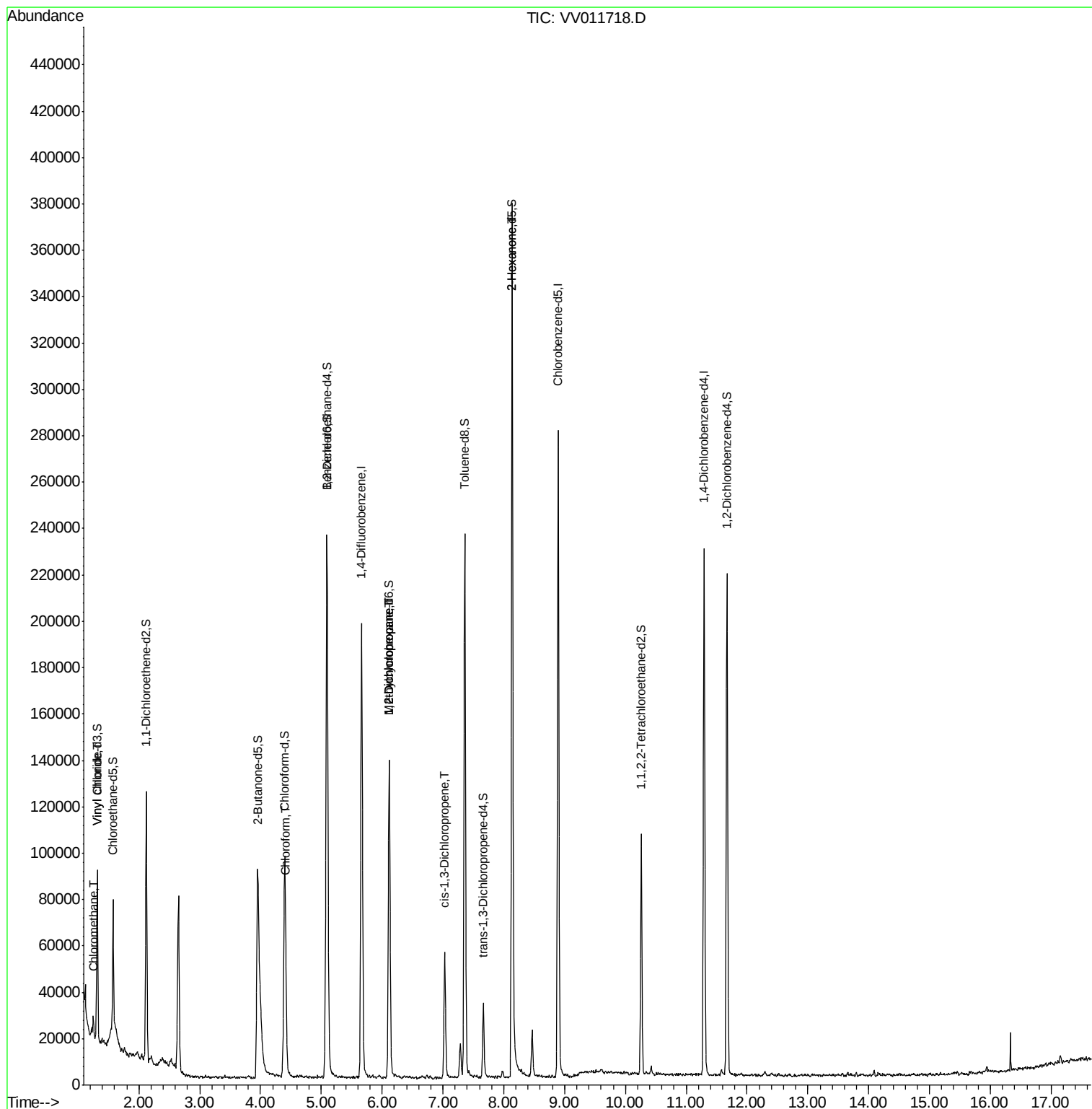
						Qvalue
3) Chloromethane	1.25	50	5859	0.405	ug/L	99
5) Vinyl chloride	1.32	62	3716	0.262	ug/L #	76
25) Chloroform	4.42	83	5662	0.232	ug/L	93
35) Methylcyclohexane	6.12	83	14434	0.728	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7702	0.655	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1533	0.099	ug/L	95
48) 2-Hexanone	8.14	43	15815	3.050	ug/L #	71

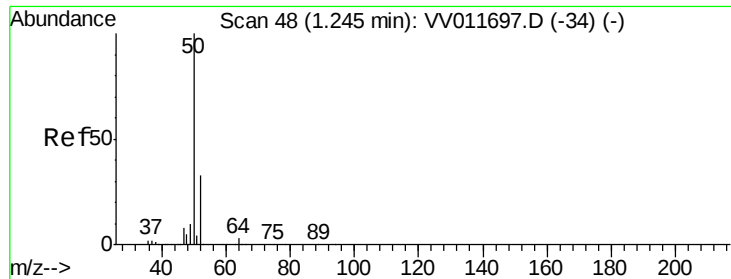
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.405 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

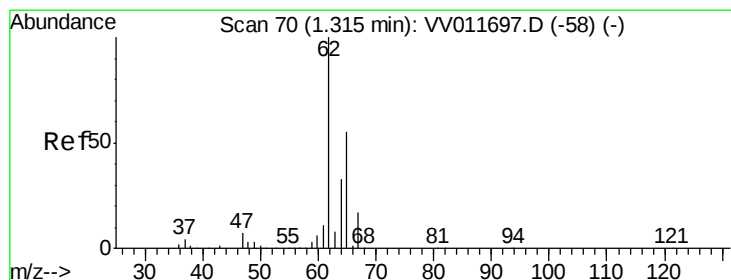
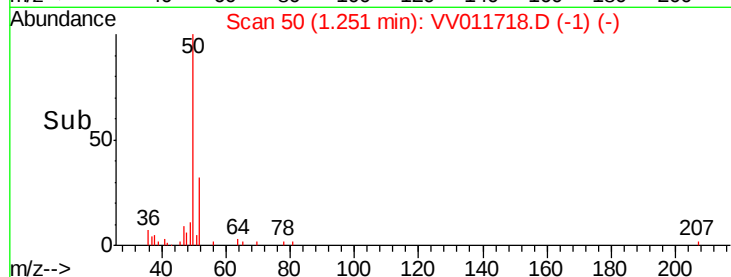
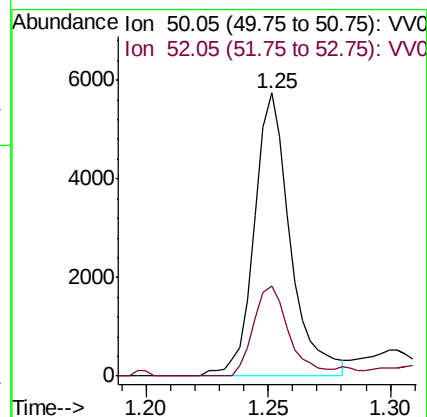
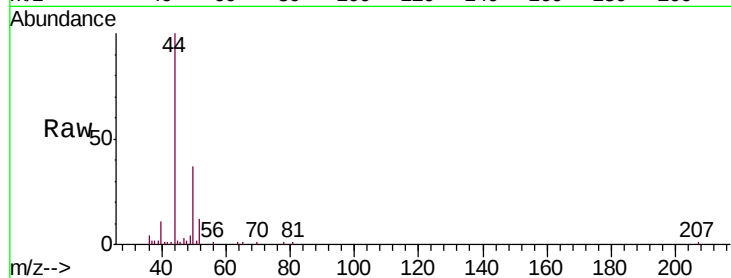
BFCP7

Tgt Ion: 50 Resp: 5859

Ion Ratio Lower Upper

50 100

52 31.9 22.0 40.8



#5

Vinyl chloride

Concen: 0.262 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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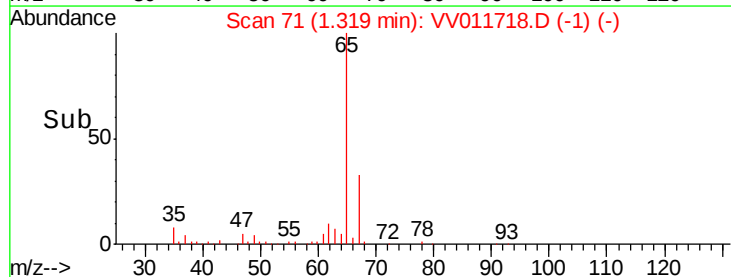
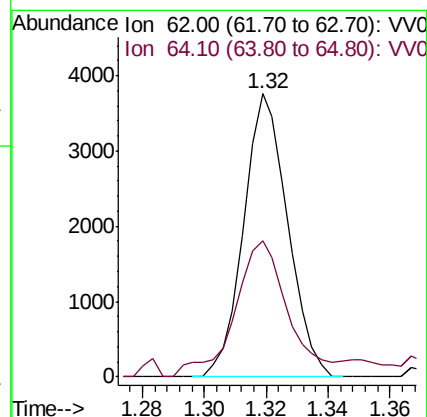
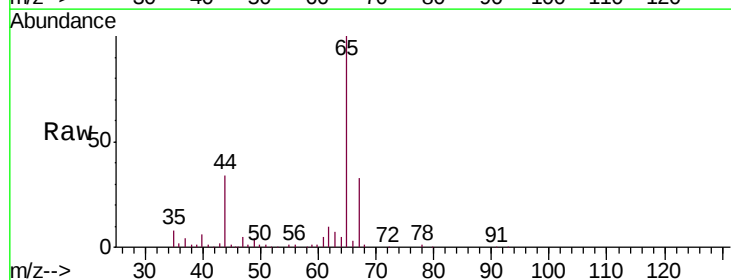
Acq: 22 Jun 2019 06:20

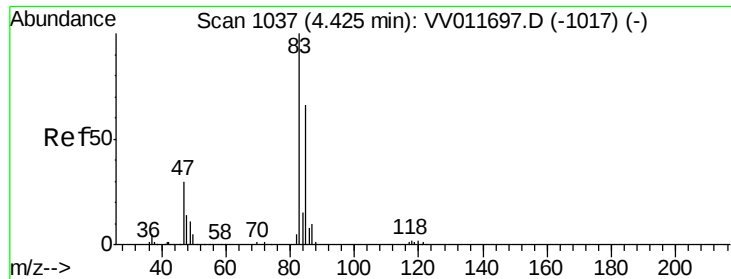
Tgt Ion: 62 Resp: 3716

Ion Ratio Lower Upper

62 100

64 48.2 24.1 44.7#





#25

Chloroform

Concen: 0.232 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

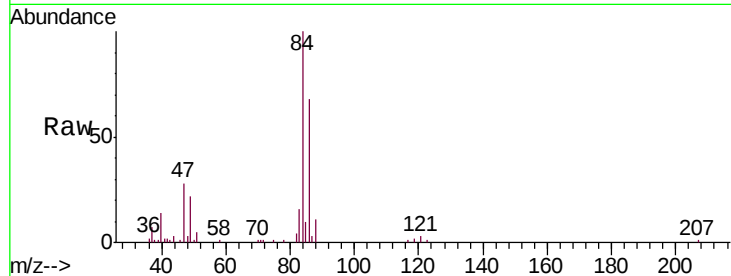
BFCP7

Tgt Ion: 83 Resp: 5662

Ion Ratio Lower Upper

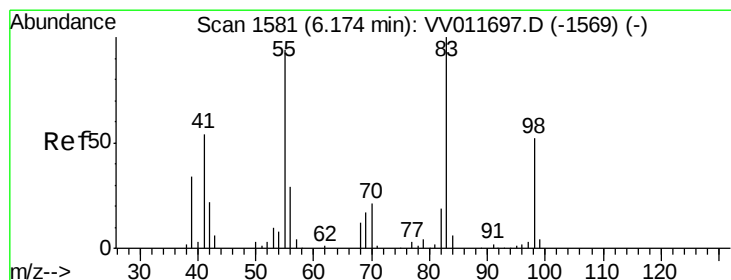
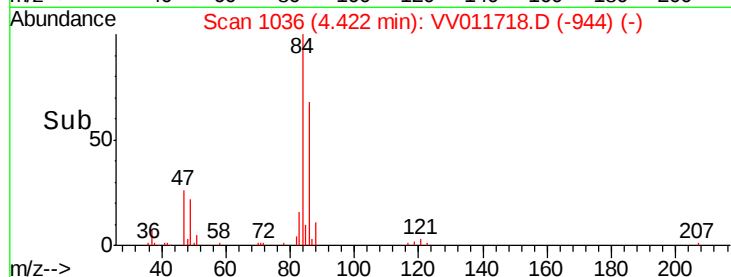
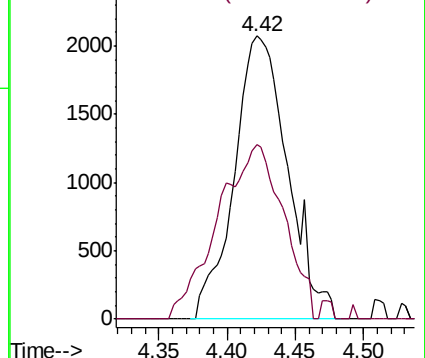
83 100

85 61.8 47.0 87.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.728 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV011718.D

Acq: 22 Jun 2019 06:20

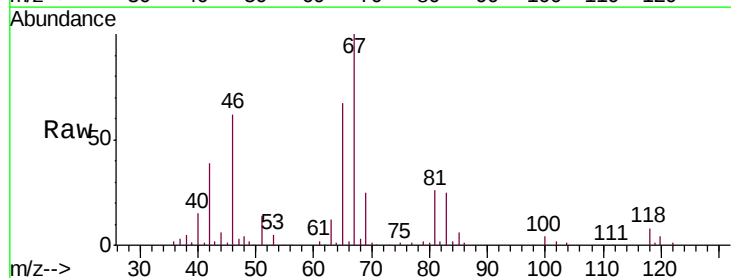
Tgt Ion: 83 Resp: 14434

Ion Ratio Lower Upper

83 100

55 1.7 69.4 104.2#

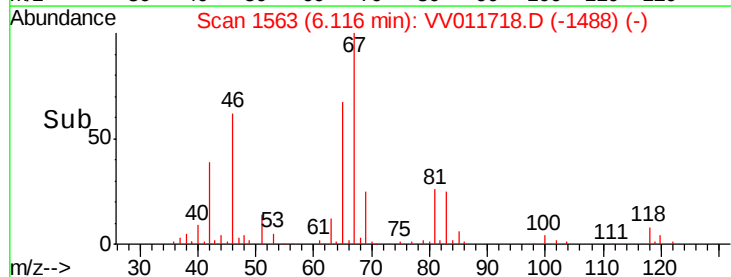
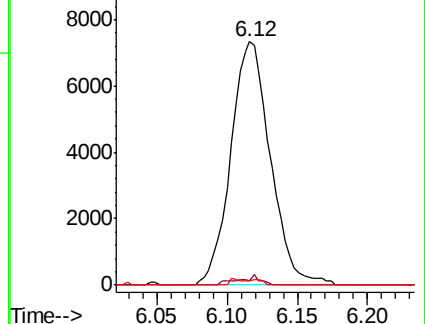
98 0.8 40.2 60.4#

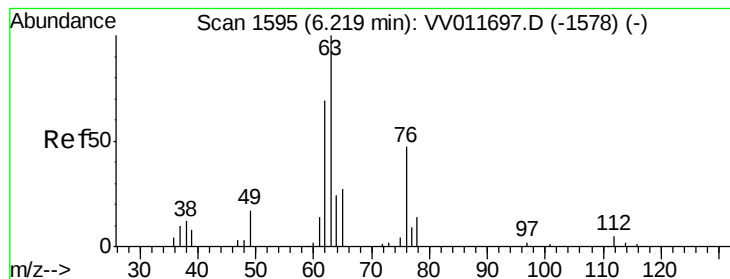


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.655 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011718.D

Acq: 22 Jun 2019 06:20

Instrument :

MSVOA_V

ClientSampleId :

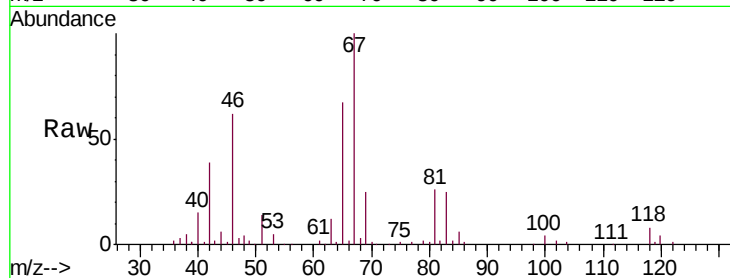
BFCP7

Tgt Ion: 63 Resp: 7702

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#

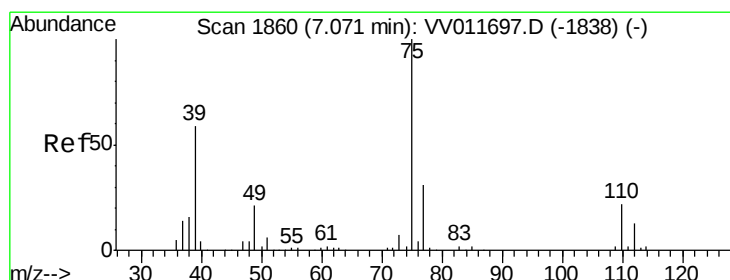
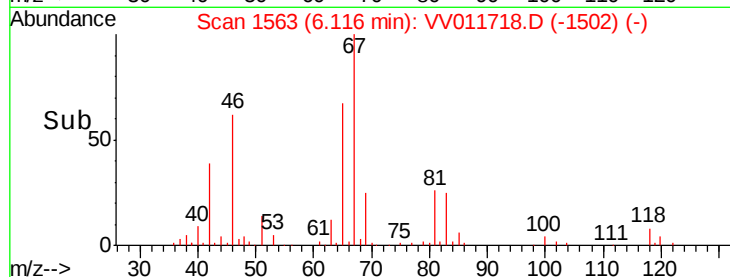


Abundance Ion 63.10 (62.80 to 63.80): VV011697.D (-1578) (-)

Ion 112.10 (111.80 to 112.80): VV011697.D (-1578) (-)

Time-->

6.12



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV011718.D

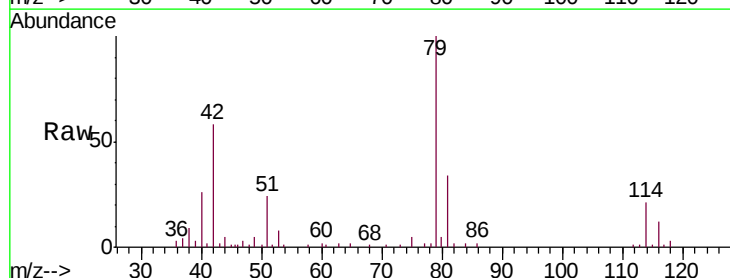
Acq: 22 Jun 2019 06:20

Tgt Ion: 75 Resp: 1533

Ion Ratio Lower Upper

75 100

77 34.9 22.4 41.6

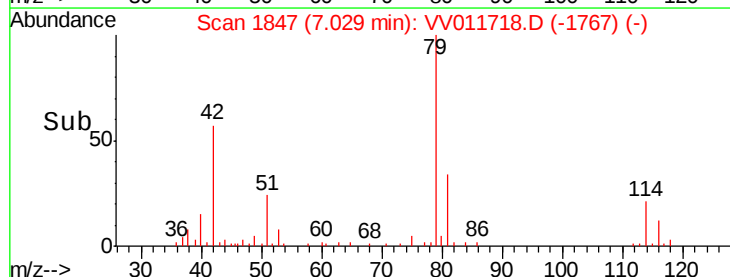


Abundance Ion 75.05 (74.75 to 75.75): VV011697.D (-1838) (-)

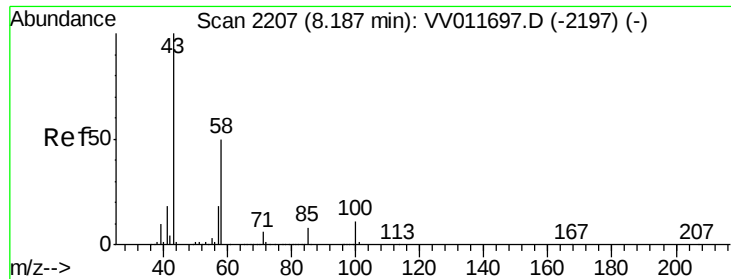
Ion 77.05 (76.75 to 77.75): VV011697.D (-1838) (-)

Time-->

7.03



Time-->



#48
 2-Hexanone
 Concen: 3.050 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011718.D
 Acq: 22 Jun 2019 06:20

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP7

Tgt Ion:	43	Resp:	15815
Ion	Ratio	Lower	Upper
43	100		
58	28.2	40.1	60.1#
57	29.5	14.4	21.6#
100	1.5	8.6	12.8#

