

Data File : VV011696.D
Acq On : 21 Jun 2019 20:17
Operator : SY/MD
Sample : K3415-21
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jun 22 04:16:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154517	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146521	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58059	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45052	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.57	69	31327	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.12	63	71779	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.95	46	157095	58.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.30%
24) Chloroform-d	4.40	84	81373	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.08	65	58736	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.09	84	199011	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	63646	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	167982	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.67	79	18434	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.14	63	115569	55.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44620	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	56906	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

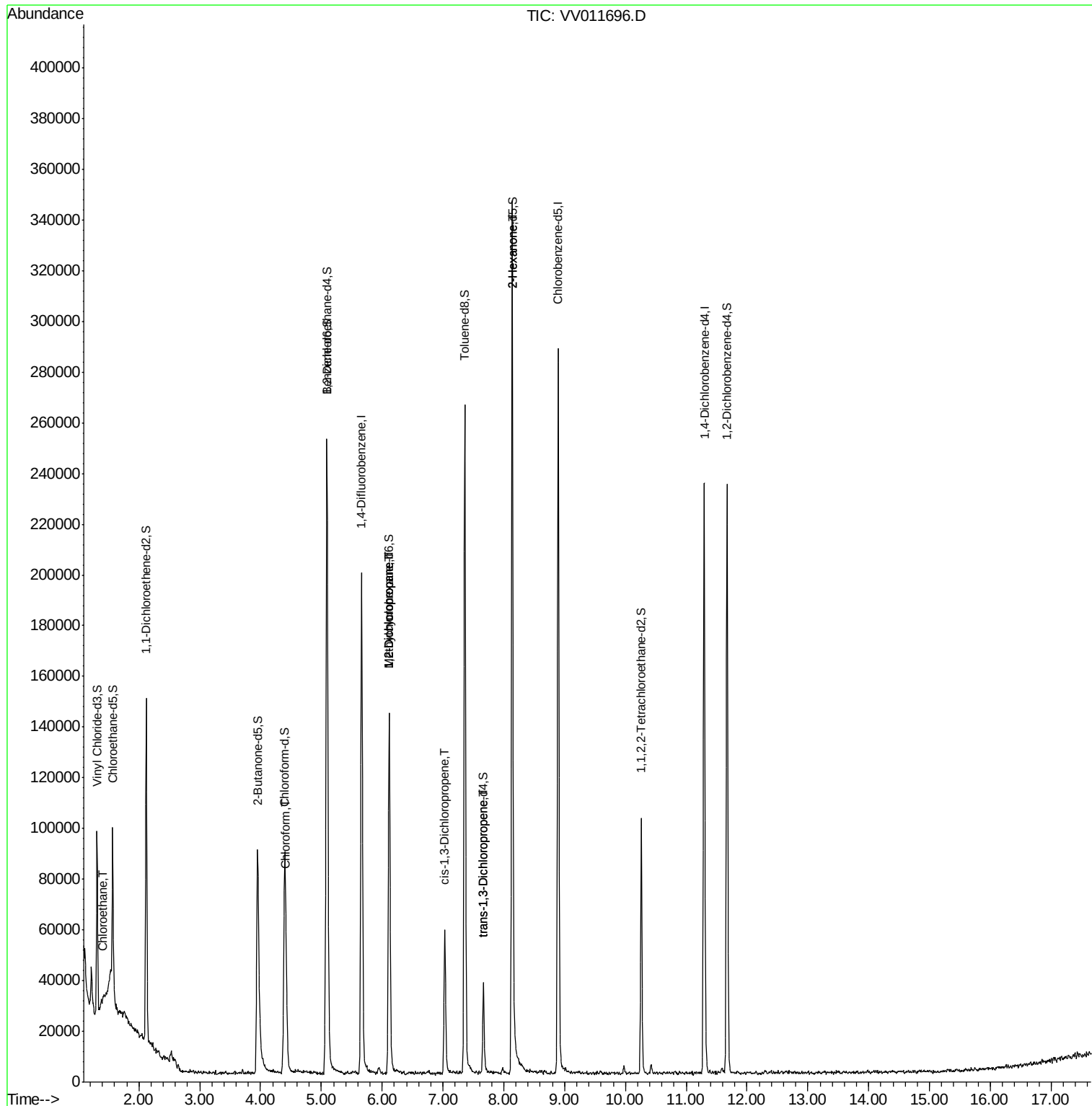
					Qvalue	
8) Chloroethane	1.41	64	25068	3.357	ug/L #	57
25) Chloroform	4.42	83	20001	0.815	ug/L	96
35) Methylcyclohexane	6.12	83	14537	0.699	ug/L #	14
37) 1,2-Dichloropropane	6.12	63	7514	0.609	ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	1591	0.098	ug/L #	57
44) trans-1,3-Dichloropropene	7.67	75	1048	0.087	ug/L #	58
48) 2-Hexanone	8.14	43	15528	2.855	ug/L #	71

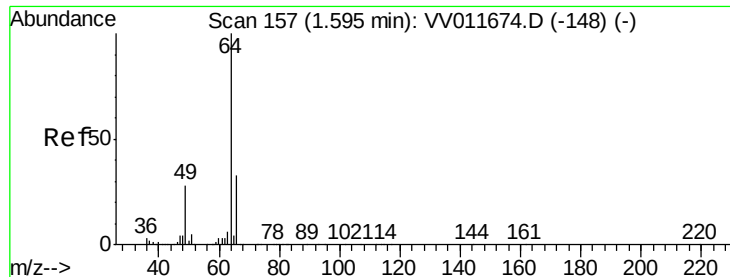
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 3.357 ug/L

RT: 1.41 min Scan# 98

Delta R.T. -0.19 min

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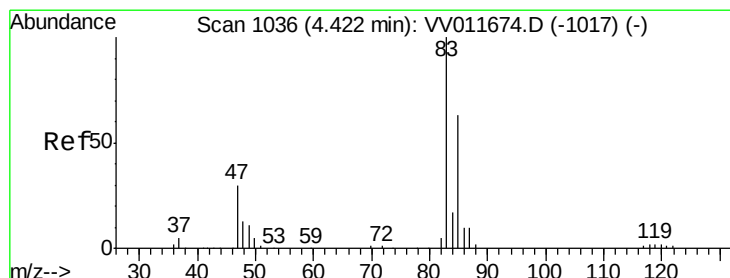
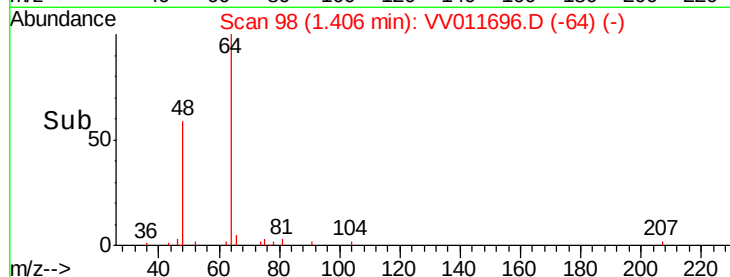
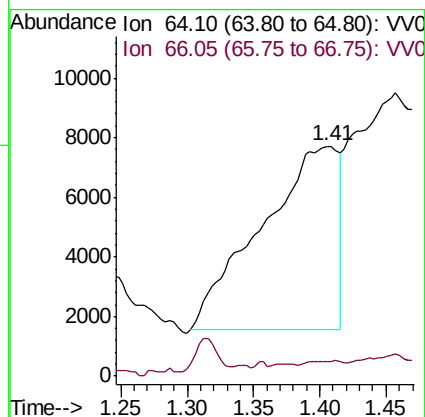
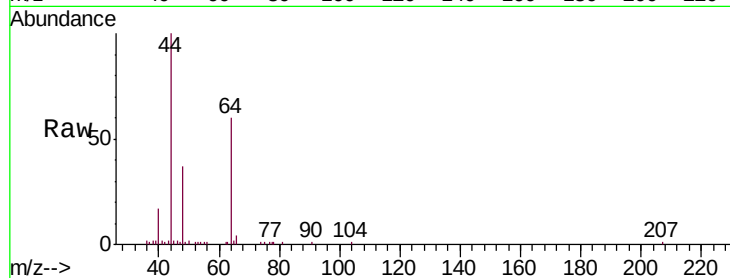
VHBLK01

Tgt Ion: 64 Resp: 25068

Ion Ratio Lower Upper

64 100

66 6.3 20.6 38.4#



#25

Chloroform

Concen: 0.815 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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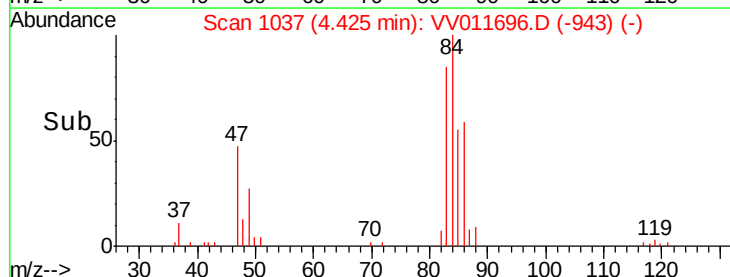
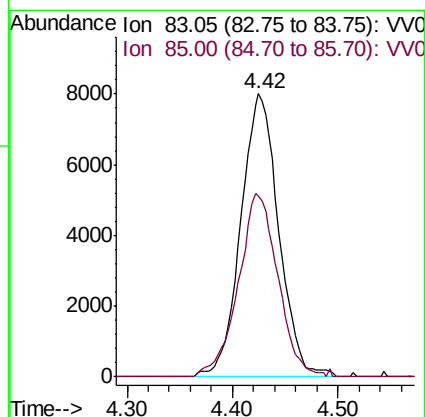
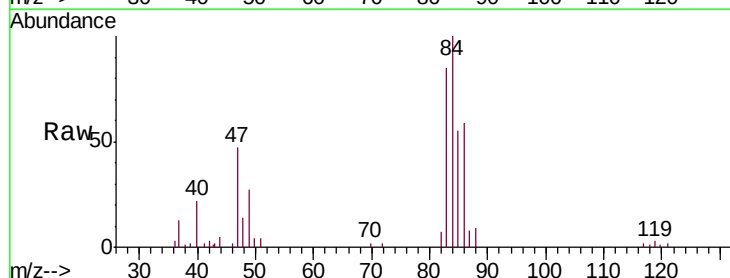
Acq: 21 Jun 2019 20:17

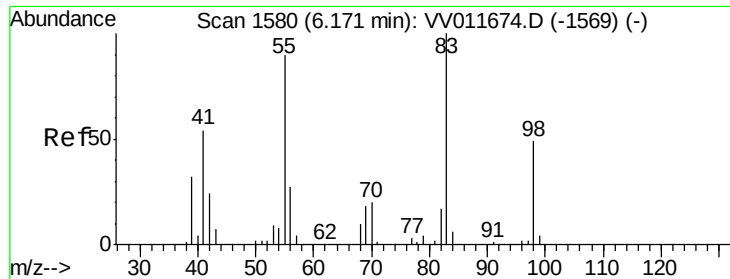
Tgt Ion: 83 Resp: 20001

Ion Ratio Lower Upper

83 100

85 64.0 47.0 87.2

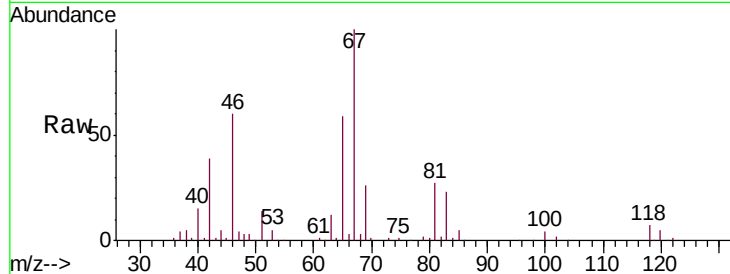




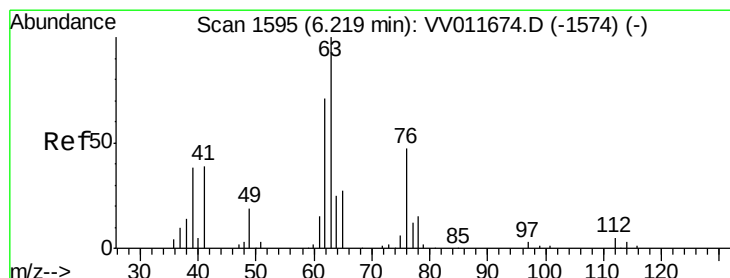
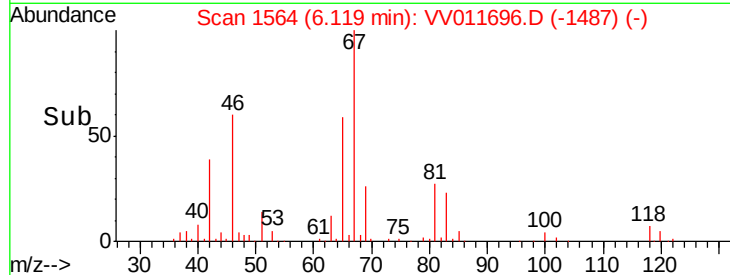
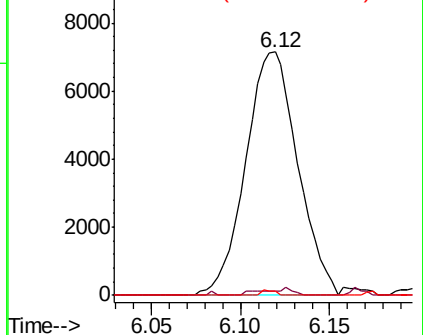
#35
Methylcyclohexane
Concen: 0.699 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
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Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 14537
Ion Ratio Lower Upper
83 100
55 1.0 69.4 104.2#
98 0.0 40.2 60.4#

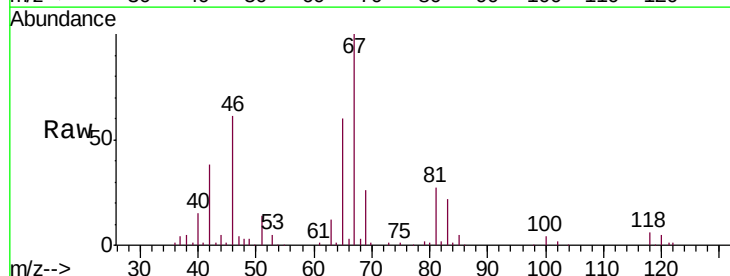


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

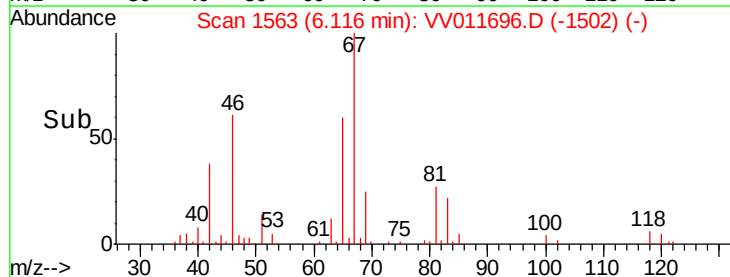
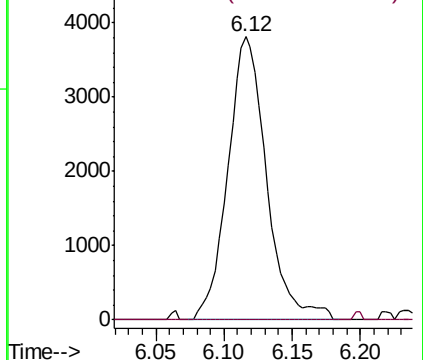


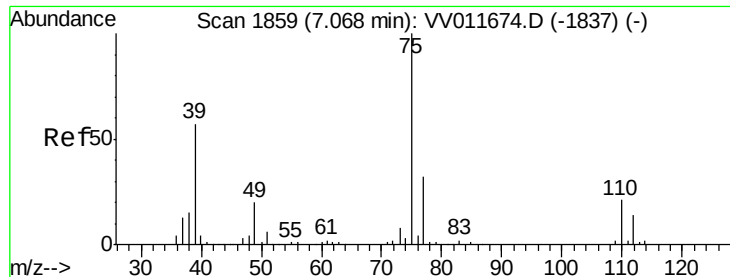
#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011696.D
Acq: 21 Jun 2019 20:17

Tgt Ion: 63 Resp: 7514
Ion Ratio Lower Upper
63 100
112 0.6 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.03 min

Lab File: VV011696.D

Acq: 21 Jun 2019 20:17

Instrument :

MSVOA_V

ClientSampleId :

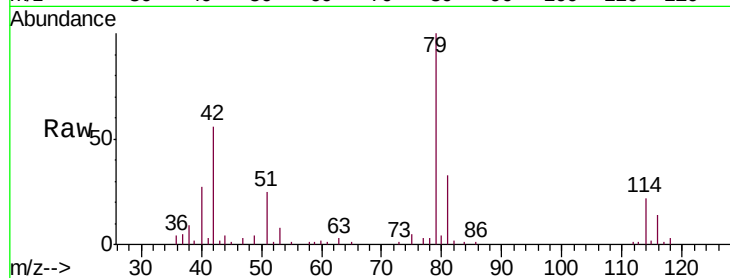
VHBLK01

Tgt Ion: 75 Resp: 1591

Ion Ratio Lower Upper

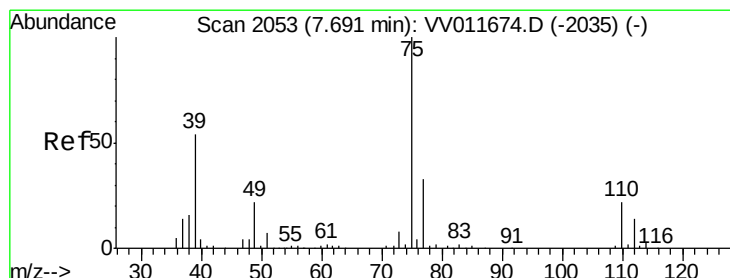
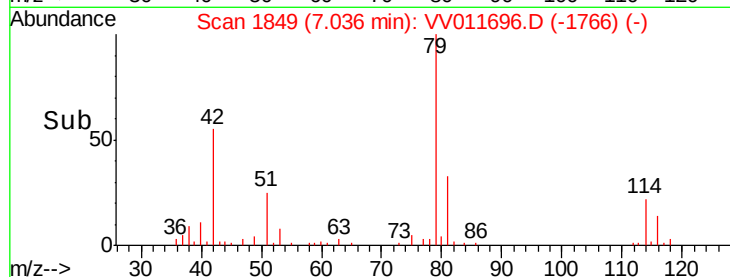
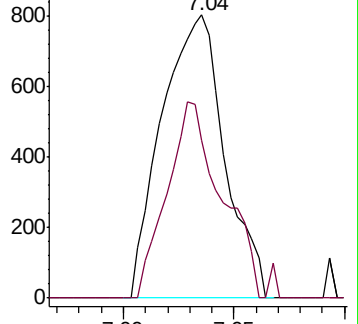
75 100

77 55.9 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011696.D

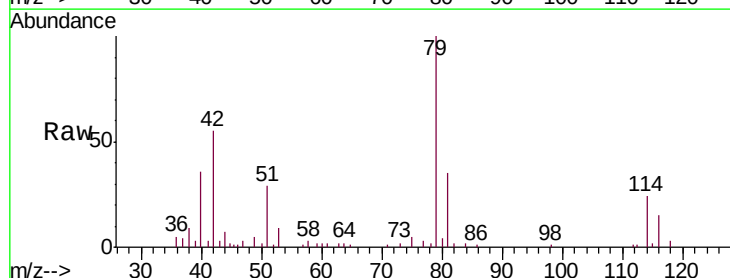
Acq: 21 Jun 2019 20:17

Tgt Ion: 75 Resp: 1048

Ion Ratio Lower Upper

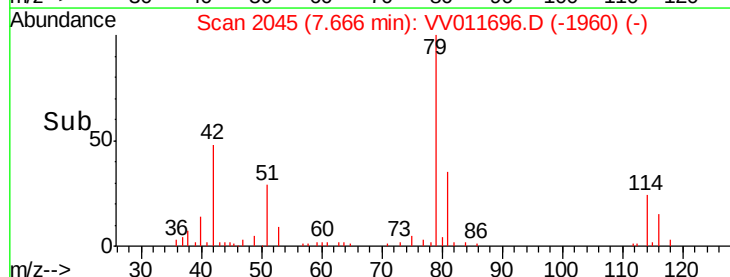
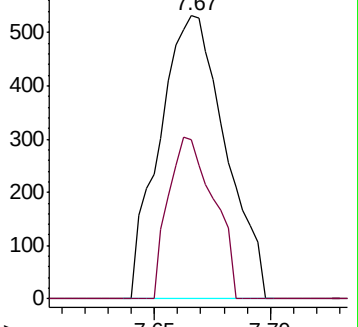
75 100

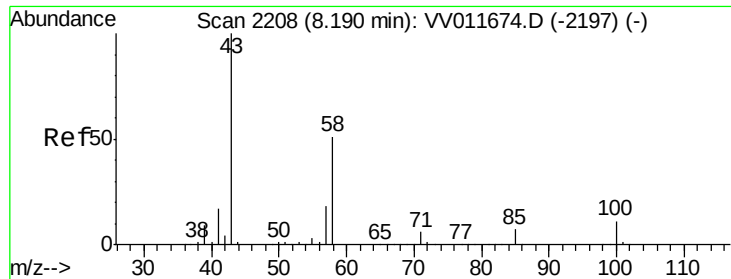
77 56.2 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 2.855 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011696.D

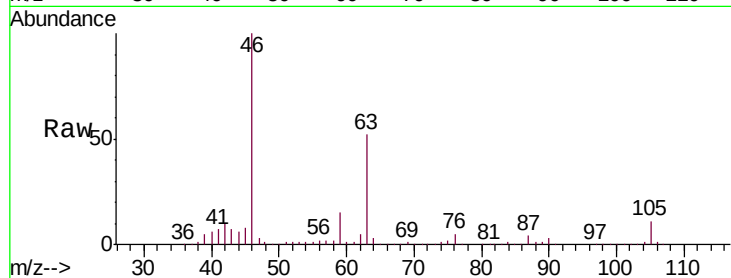
Acq: 21 Jun 2019 20:17

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01



Tgt Ion:	43	Resp:	15528
Ion	Ratio	Lower	Upper
43	100		
58	28.0	40.1	60.1#
57	27.9	14.4	21.6#
100	2.2	8.6	12.8#

