

Data File : VV007613.D
Acq On : 18 Sep 2018 20:33
Operator : SY/MD
Sample : J4887-21
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 19 01:48:41 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	117673	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	108311	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58006	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26346	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	23722	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	46142	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.97	46	44099	57.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.02%
24) Chloroform-d	4.41	84	54337	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	28821	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	110597	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.13	67	31973	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	112961	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.67	79	12733	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.15	63	23313	44.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19913	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	48218	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

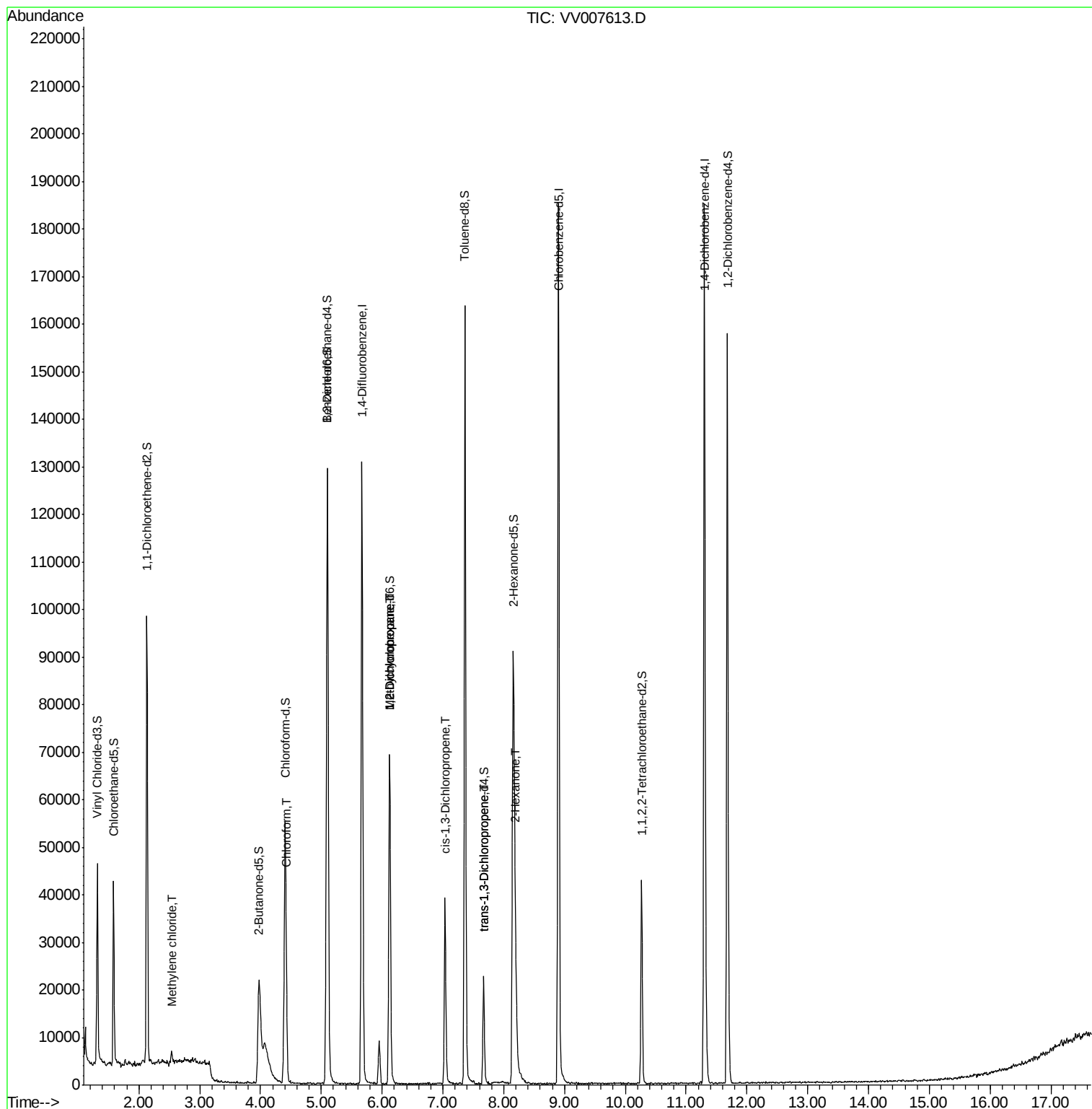
					Qvalue
16) Methylene chloride	2.54	84	1080	0.125 ug/L	87
25) Chloroform	4.43	83	1631	0.120 ug/L	93
35) Methylcyclohexane	6.13	83	8571	0.640 ug/L #	32
37) 1,2-Dichloropropane	6.12	63	3789	0.600 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1109	0.106 ug/L #	66
44) trans-1,3-Dichloropropene	7.67	75	744	0.089 ug/L	92
48) 2-Hexanone	8.20	43	15906	5.583 ug/L #	78

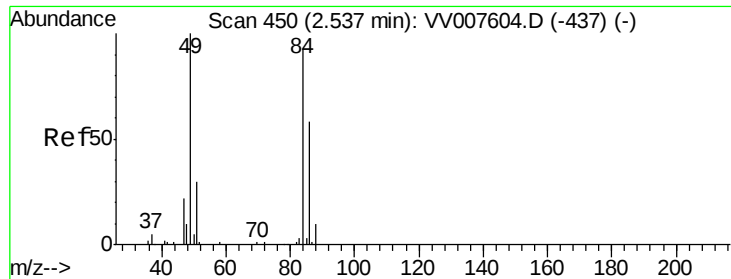
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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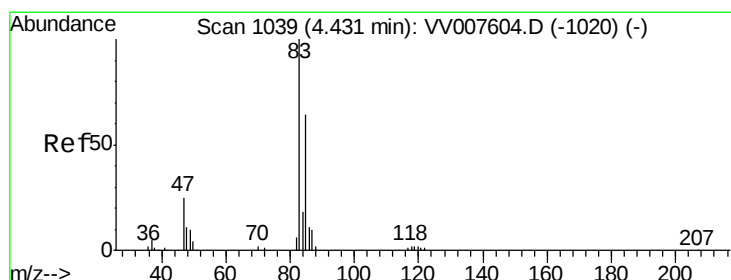
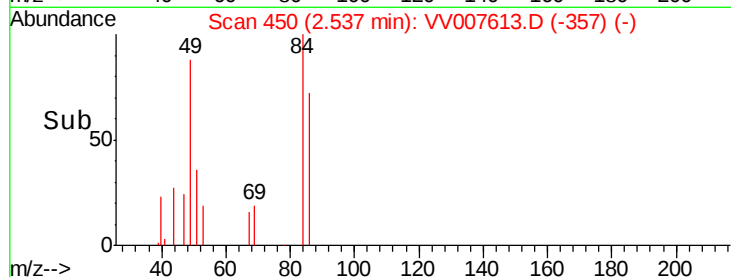
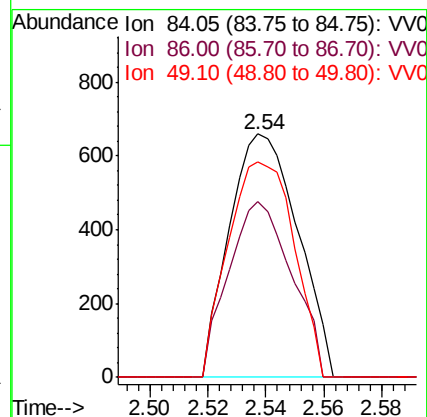
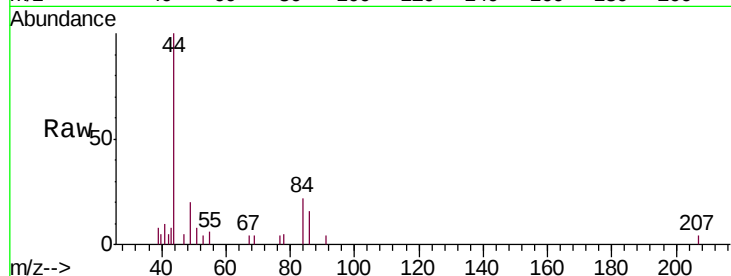




#16
Methylene chloride
Concen: 0.125 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV007613.D
Acq: 18 Sep 2018 20:33

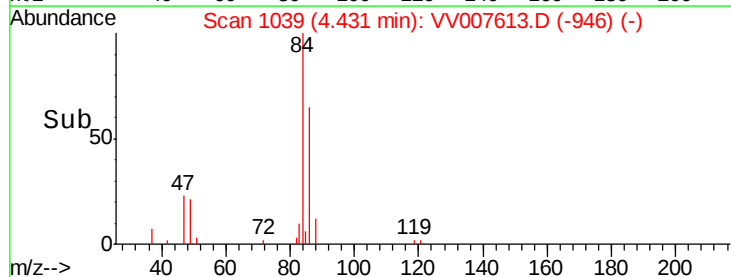
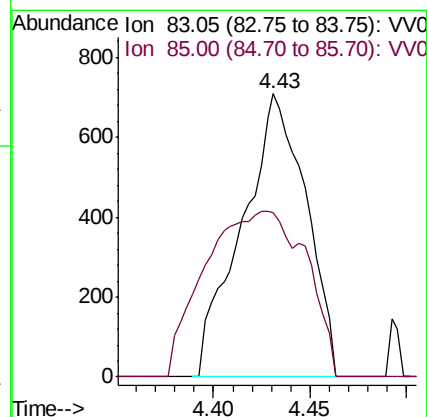
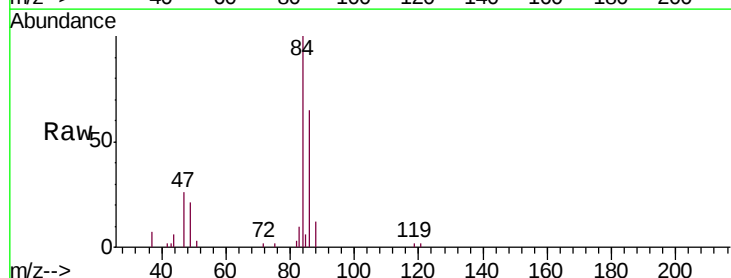
Instrument :
MSVOA_V
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VHBLK01

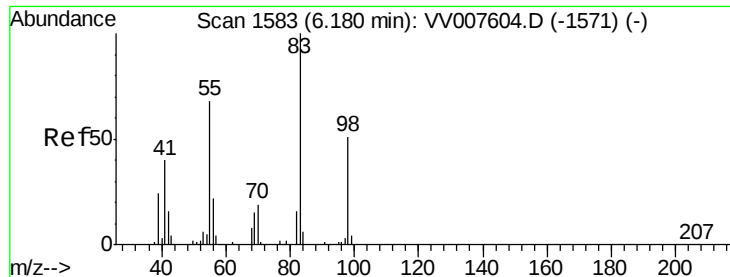
Tgt Ion: 84 Resp: 1080
Ion Ratio Lower Upper
84 100
86 72.4 44.4 82.4
49 88.5 72.3 134.3



#25
Chloroform
Concen: 0.120 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV007613.D
Acq: 18 Sep 2018 20:33

Tgt Ion: 83 Resp: 1631
Ion Ratio Lower Upper
83 100
85 58.3 44.5 82.7

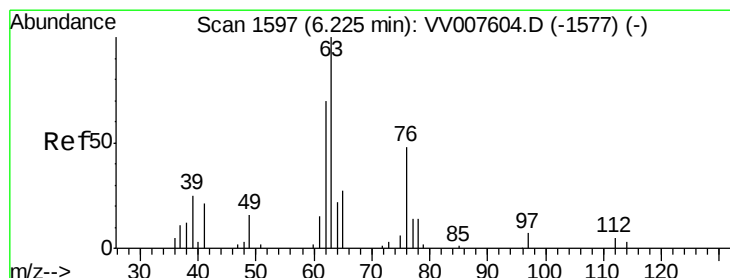
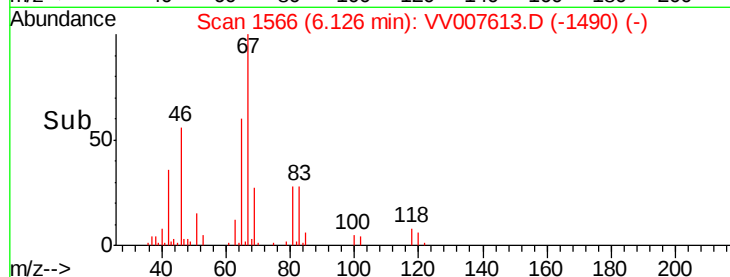
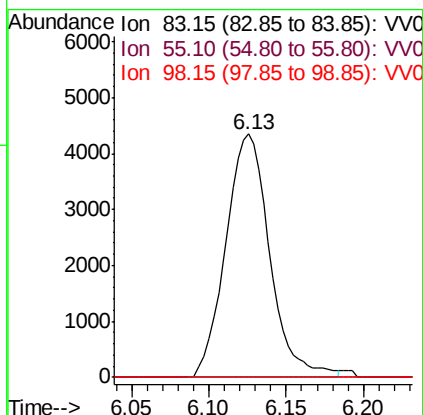
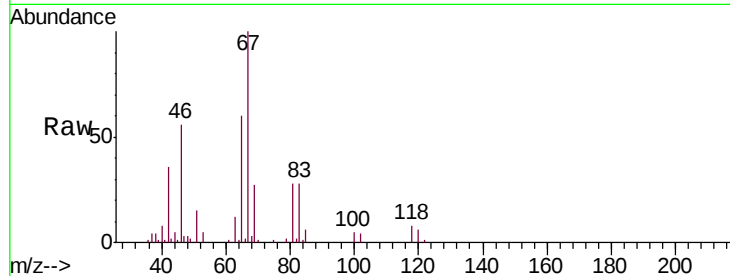




#35
Methylcyclohexane
Concen: 0.640 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007613.D
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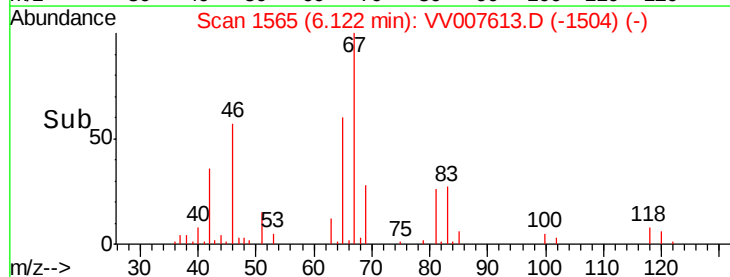
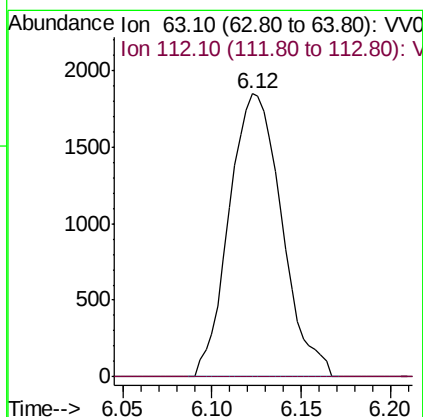
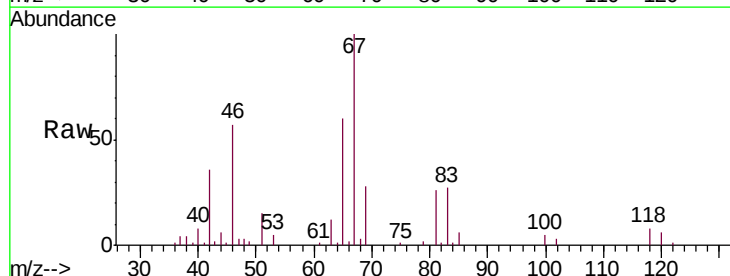
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

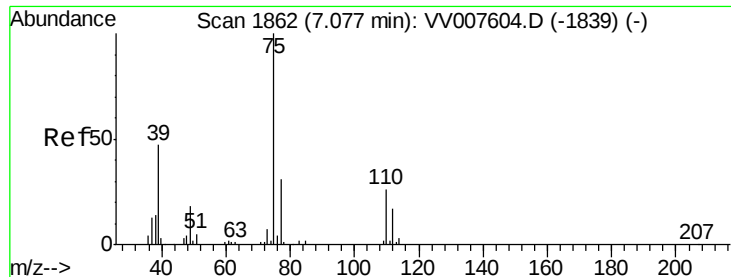
Tgt Ion: 83 Resp: 8571
Ion Ratio Lower Upper
83 100
55 0.0 54.6 82.0#
98 18.6 39.8 59.6#



#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007613.D
Acq: 18 Sep 2018 20:33

Tgt Ion: 63 Resp: 3789
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV007613.D

Acq: 18 Sep 2018 20:33

Instrument :

MSVOA_V

ClientSampleId :

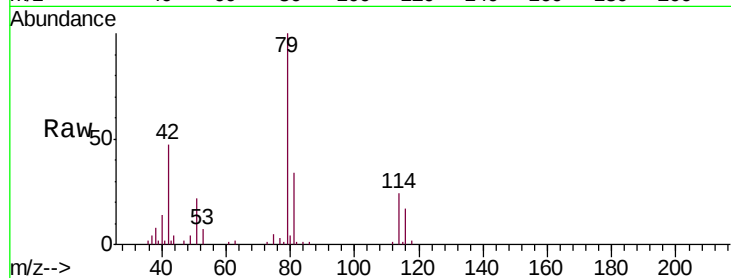
VHBLK01

Tgt Ion: 75 Resp: 1109

Ion Ratio Lower Upper

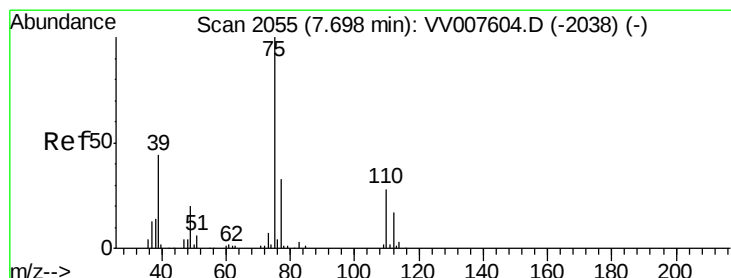
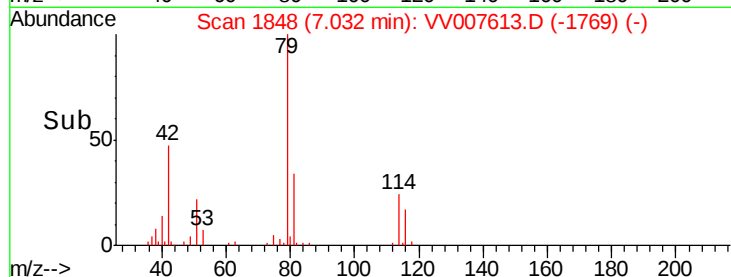
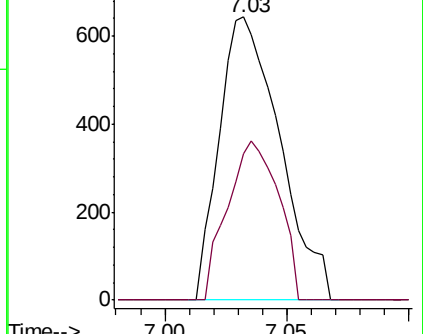
75 100

77 51.9 23.0 42.8#



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: 0.089 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007613.D

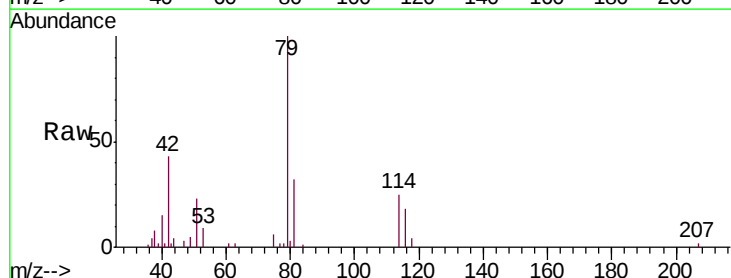
Acq: 18 Sep 2018 20:33

Tgt Ion: 75 Resp: 744

Ion Ratio Lower Upper

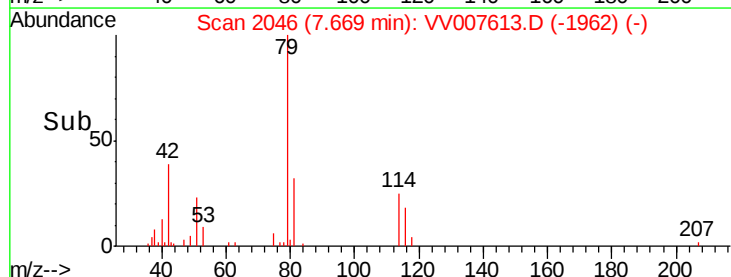
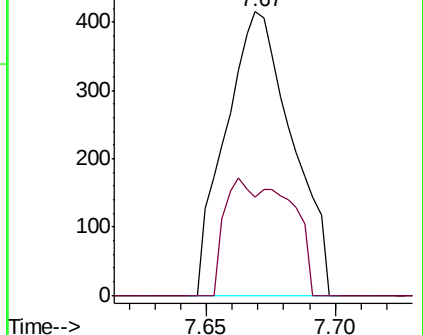
75 100

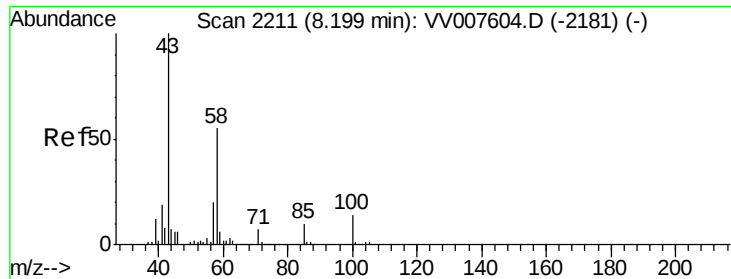
77 34.7 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48
 2-Hexanone
 Concen: 5.583 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VV007613.D
 Acq: 18 Sep 2018 20:33

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 15906
 Ion Ratio Lower Upper
 43 100
 58 36.1 45.5 68.3#
 57 23.3 16.3 24.5
 100 5.1 10.7 16.1#

