

Data File : VV012047.D
Acq On : 26 Jul 2019 12:36
Operator : SY/MD
Sample : K3958-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Jul 26 23:23:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 23:19:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	131766	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	127727	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60612	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26833	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.59	69	25225	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.13	63	44948	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.97	46	111256	55.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.16%
24) Chloroform-d	4.40	84	84726	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	48537	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.10	84	164621	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	50345	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	142668	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.66	79	17980	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	86782	52.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36778	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	59320	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

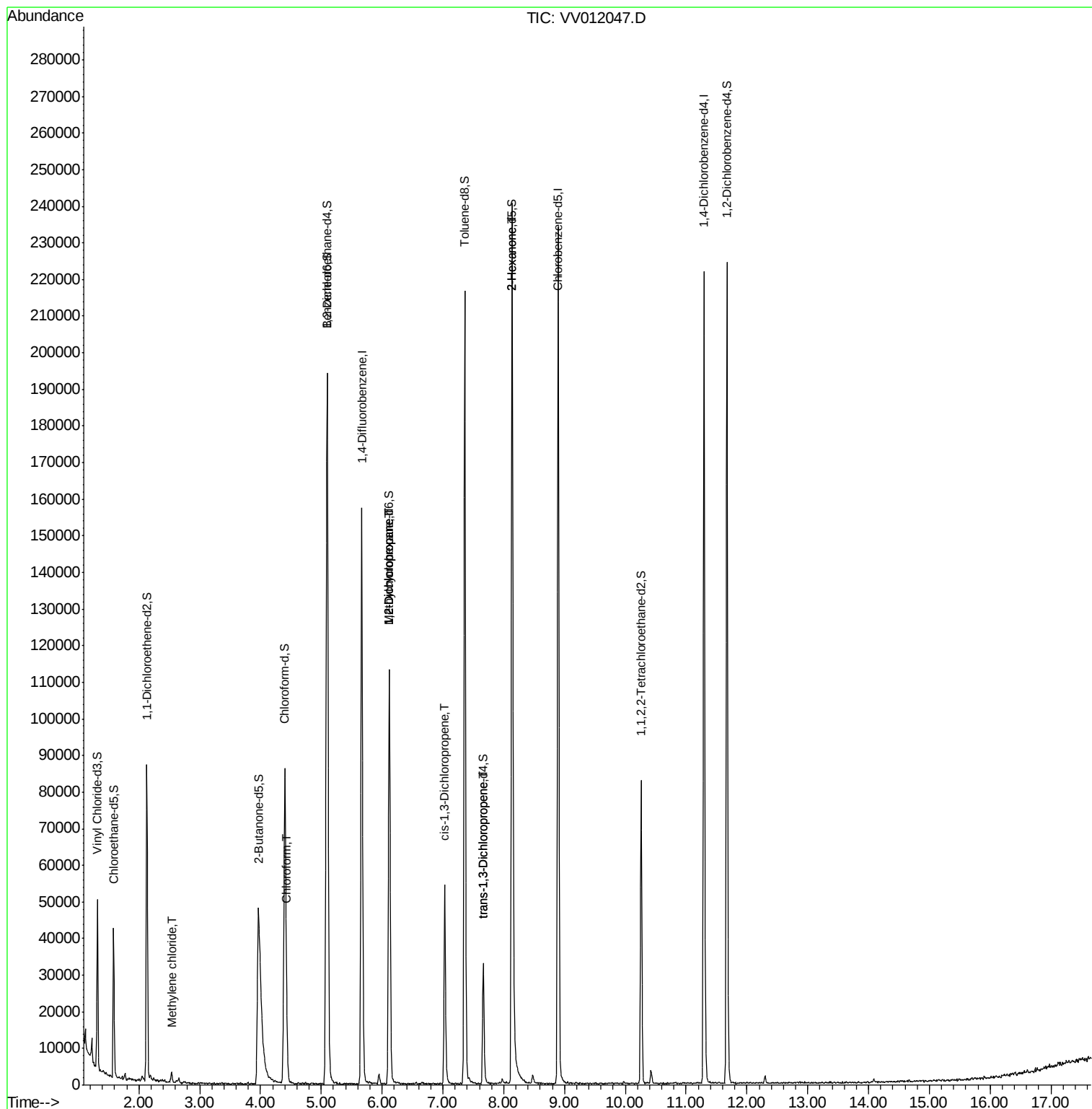
					Qvalue
16) Methylene chloride	2.54	84	1256	0.187 ug/L #	70
25) Chloroform	4.43	83	7227	0.363 ug/L	93
35) Methylcyclohexane	6.12	83	13461	0.829 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5962	0.660 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1499	0.112 ug/L #	71
44) trans-1,3-Dichloropropene	7.66	75	943	0.089 ug/L #	81
48) 2-Hexanone	8.14	43	10479	2.960 ug/L #	69

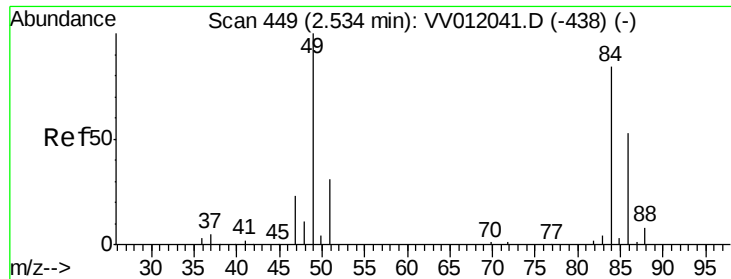
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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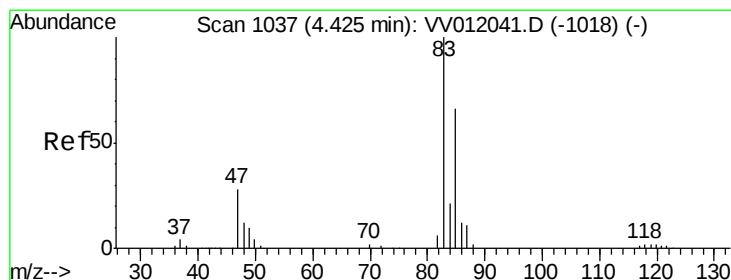
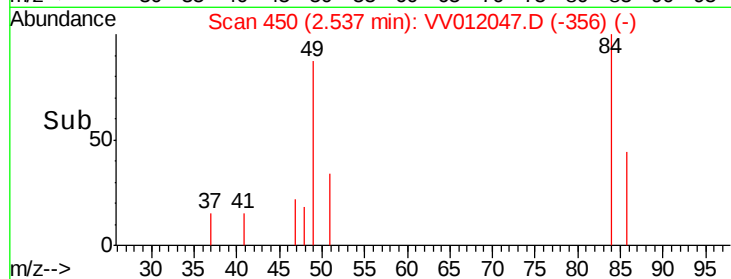
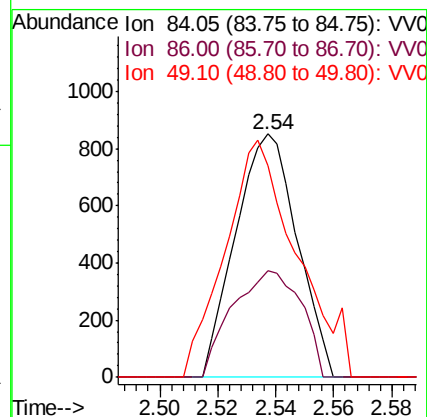
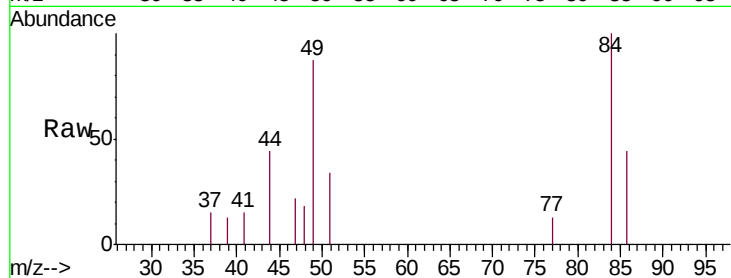




#16
Methylene chloride
Concen: 0.187 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012047.D
Acq: 26 Jul 2019 12:36

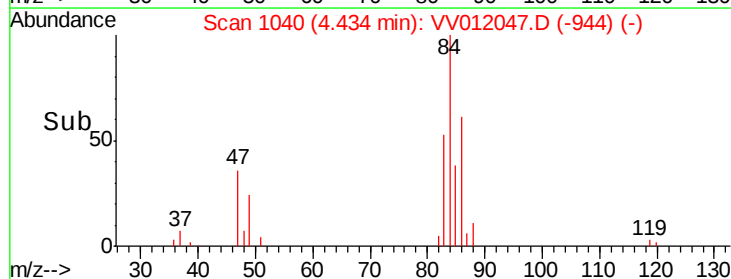
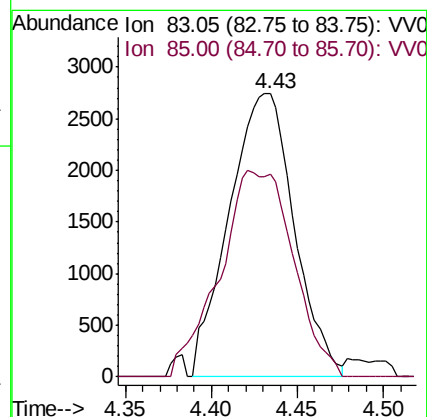
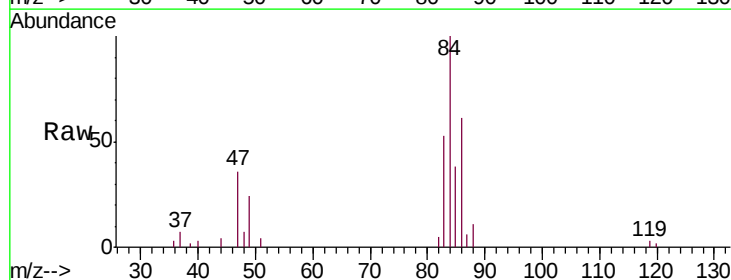
Instrument :
MSVOA_V
ClientSampled :
VHBLK01

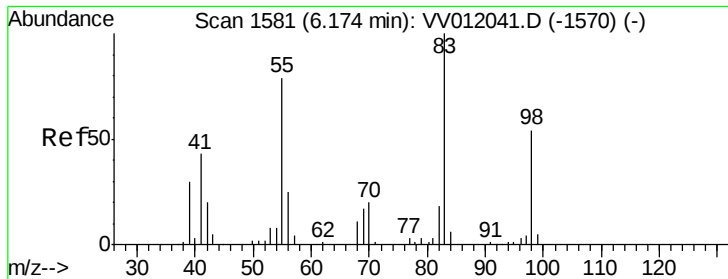
Tgt Ion: 84 Resp: 1256
Ion Ratio Lower Upper
84 100
86 43.8 47.6 88.4#
49 87.1 84.3 156.5



#25
Chloroform
Concen: 0.363 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV012047.D
Acq: 26 Jul 2019 12:36

Tgt Ion: 83 Resp: 7227
Ion Ratio Lower Upper
83 100
85 71.8 46.5 86.3

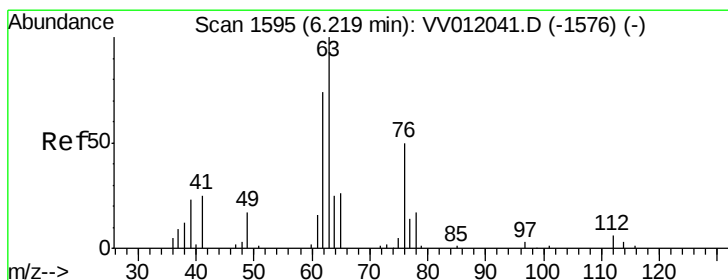
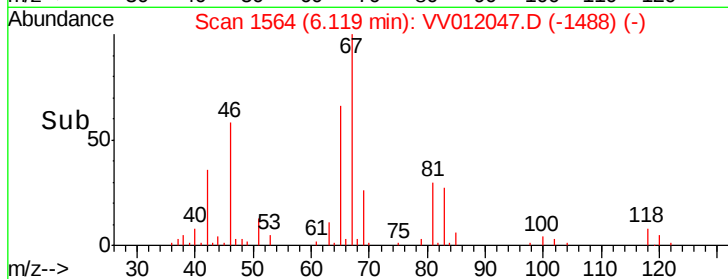
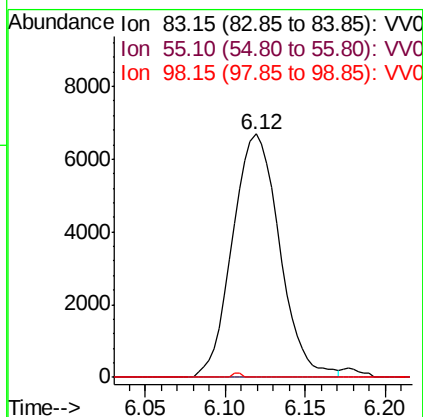
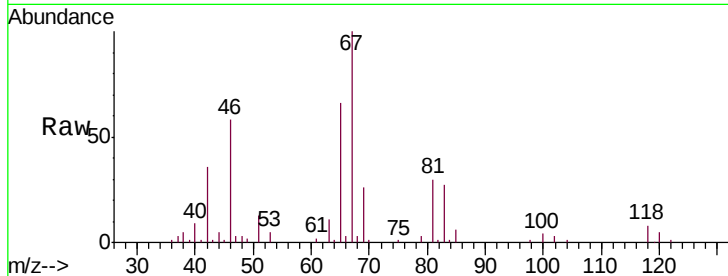




#35
Methylcyclohexane
Concen: 0.829 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012047.D
Acq: 26 Jul 2019 12:36

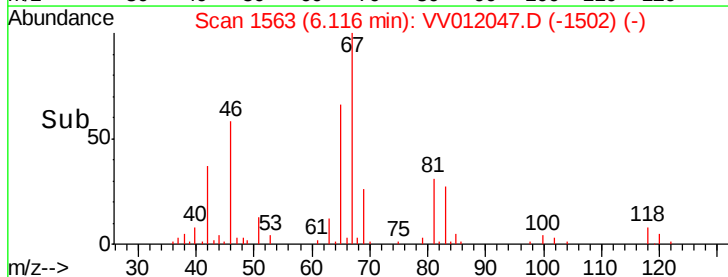
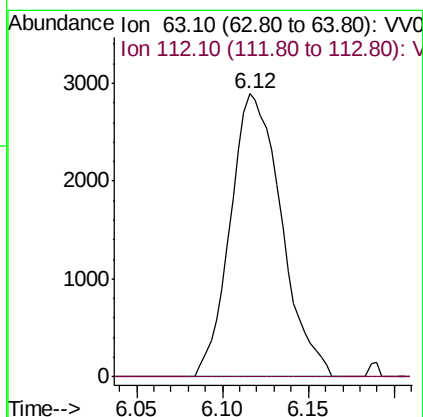
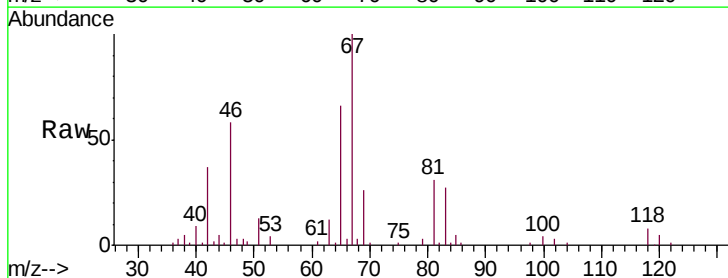
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

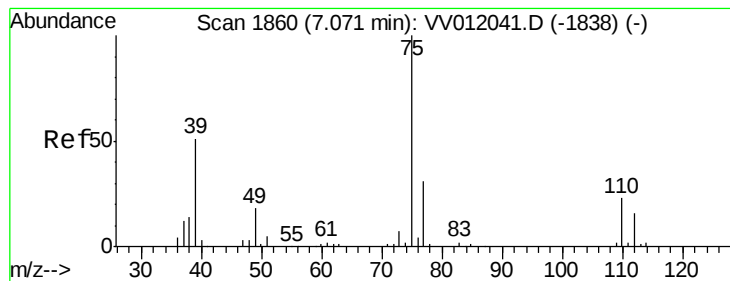
Tgt Ion: 83 Resp: 13461
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 0.3 41.4 62.0#



#37
1,2-Dichloropropane
Concen: 0.660 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012047.D
Acq: 26 Jul 2019 12:36

Tgt Ion: 63 Resp: 5962
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



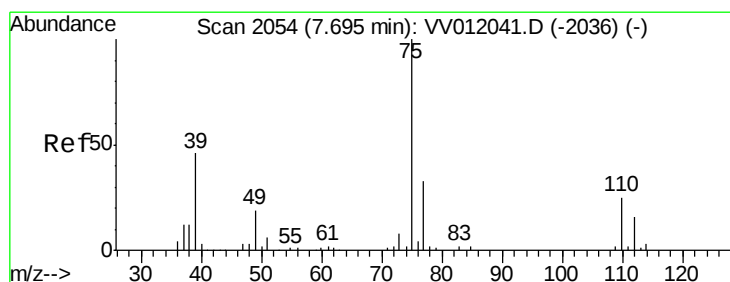
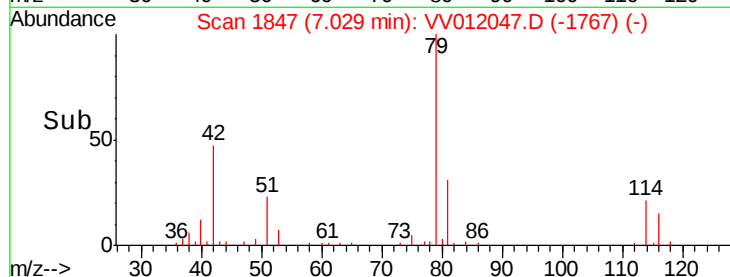
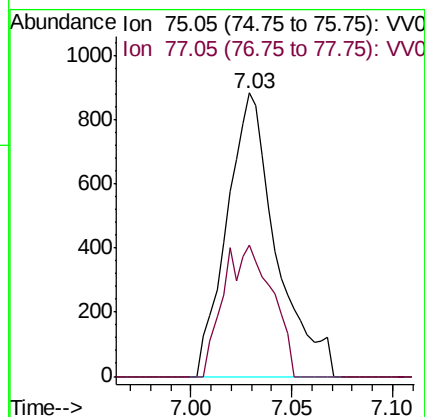
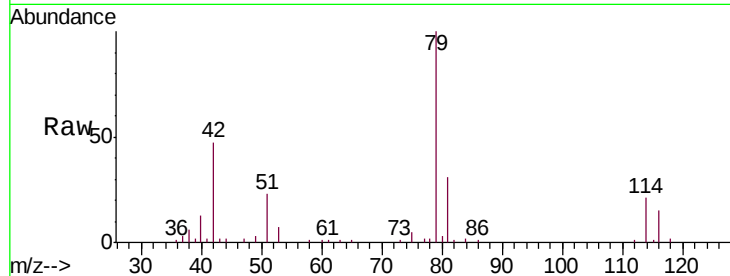


#39

cis-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012047.D
Acq: 26 Jul 2019 12:36

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

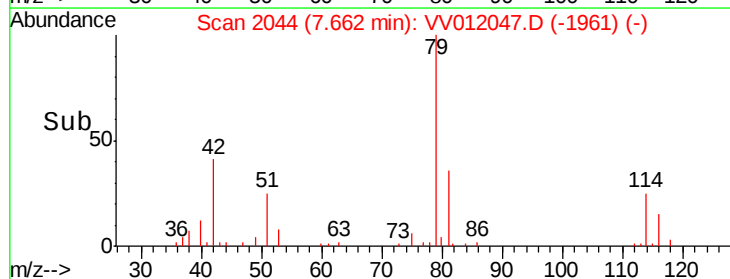
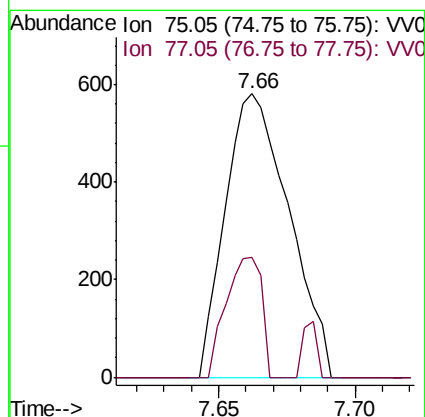
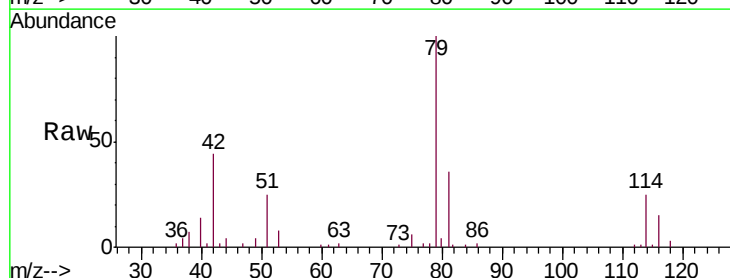
Tgt Ion: 75 Resp: 1499
Ion Ratio Lower Upper
75 100
77 46.1 21.3 39.6#

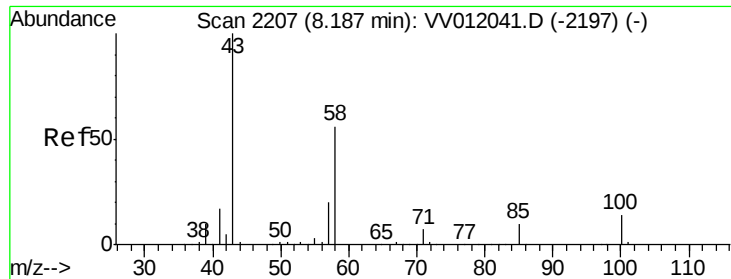


#44

trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012047.D
Acq: 26 Jul 2019 12:36

Tgt Ion: 75 Resp: 943
Ion Ratio Lower Upper
75 100
77 42.2 22.0 40.8#





#48

2-Hexanone

Concen: 2.960 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV012047.D

Acq: 26 Jul 2019 12:36

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 10479

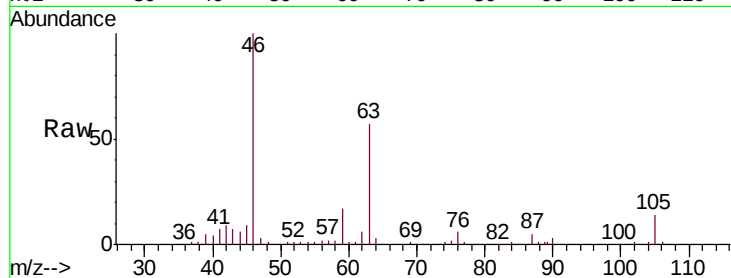
Ion Ratio Lower Upper

43 100

58 29.9 43.7 65.5#

57 29.8 16.0 24.0#

100 1.7 10.5 15.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

