

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\
 Data File : VV006781.D
 Acq On : 31 Jul 2018 12:44
 Operator : SY/MD
 Sample : J4225-08
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 01 01:45:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 01 01:43:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	178266	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165793	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46484	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.58	69	40996	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.60%
11) 1,1-Dichloroethene-d2	2.13	63	65336	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.95	46	147919	51.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.06%
24) Chloroform-d	4.41	84	95129	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.09	65	48610	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	5.10	84	185151	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.12	67	63067	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.36	98	148640	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.67	79	18200	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.14	63	102433	43.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	47879	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	55810	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

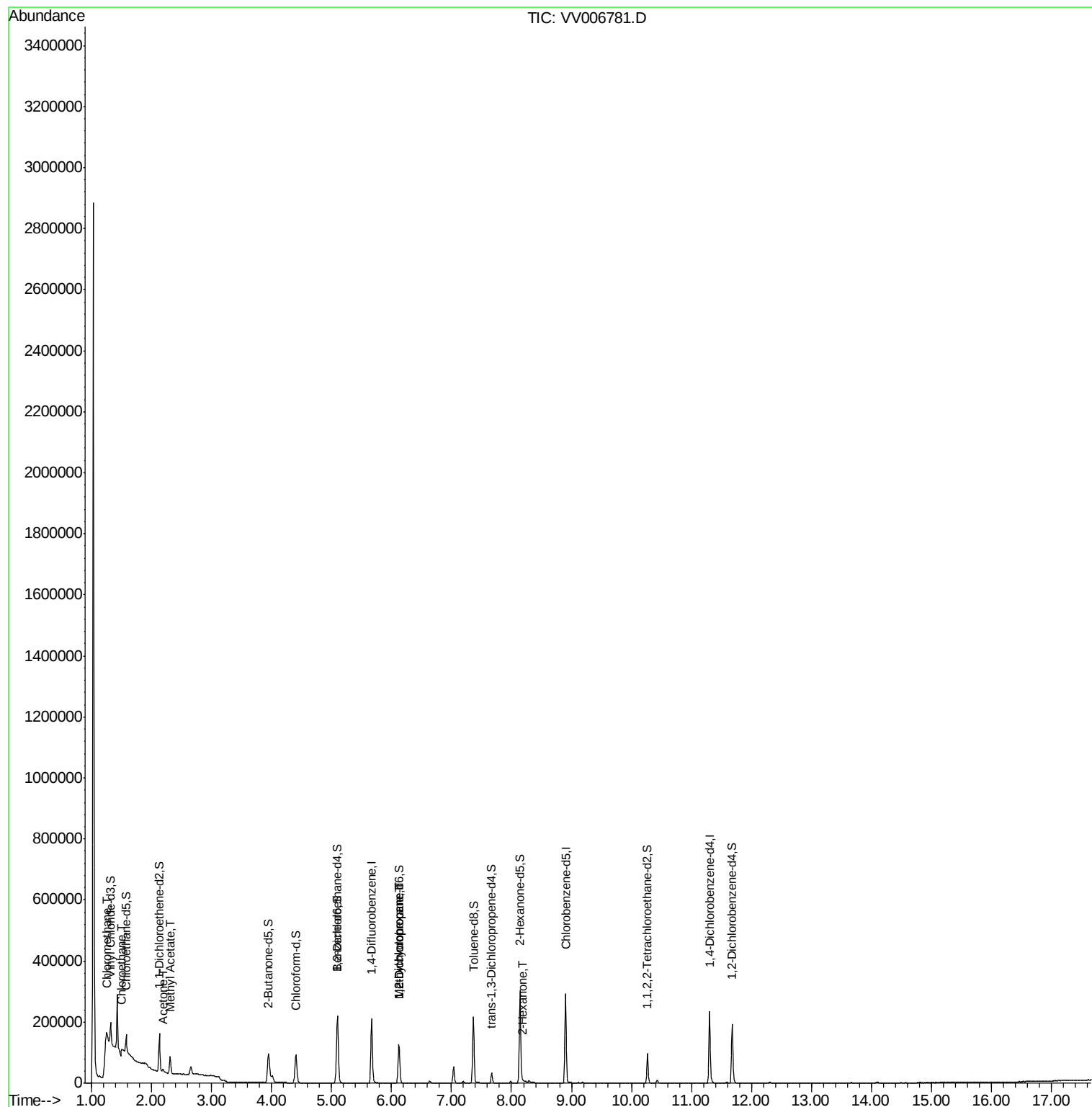
					Ovalue
3) Chloromethane	1.26	50	8773	0.644 ug/L #	57
8) Chloroethane	1.50	64	25233	2.703 ug/L #	52
13) Acetone	2.19	43	5898	3.198 ug/L	98
15) Methyl Acetate	2.31	43	12084	2.210 ug/L #	49
35) Methylcyclohexane	6.12	83	15196	0.723 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	6449	0.504 ug/L #	86
48) 2-Hexanone	8.20	43	1511	0.308 ug/L #	76

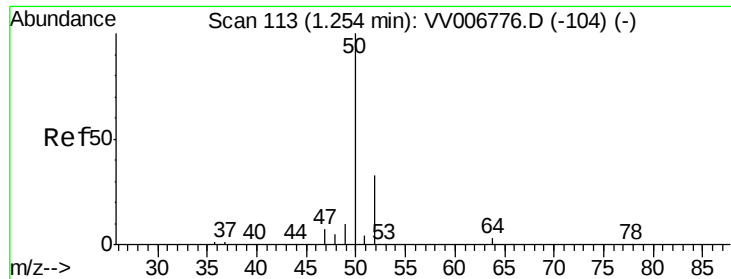
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 01 01:43:21 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.644 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.00 min

Lab File: VV006781.D

Acq: 31 Jul 2018 12:44

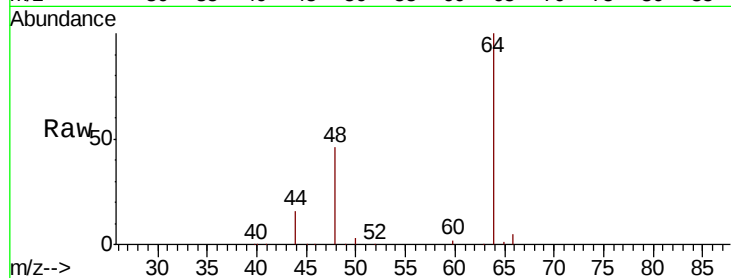
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 8773

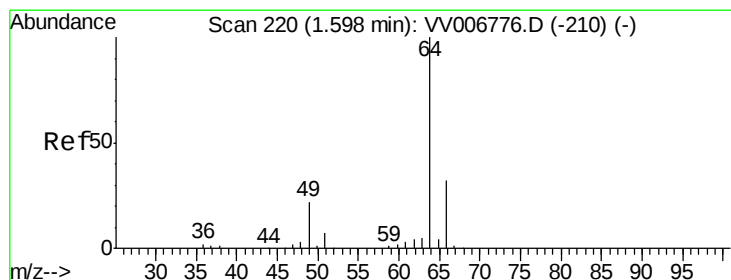
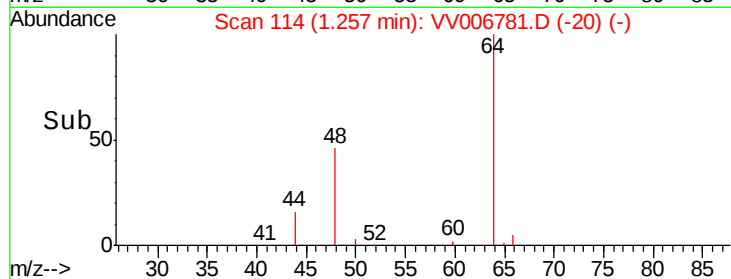
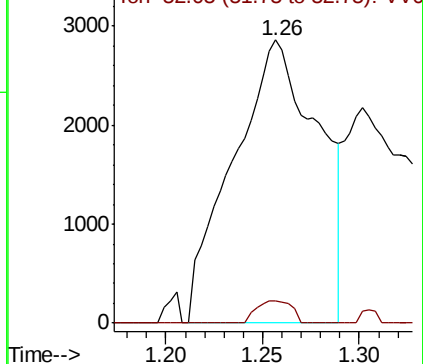
Ion Ratio Lower Upper

50 100

52 7.9 22.1 41.1#



Abundance Ion 50.05 (49.75 to 50.75): VV0
Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 2.703 ug/L

RT: 1.50 min Scan# 191

Delta R.T. -0.09 min

Lab File: VV006781.D

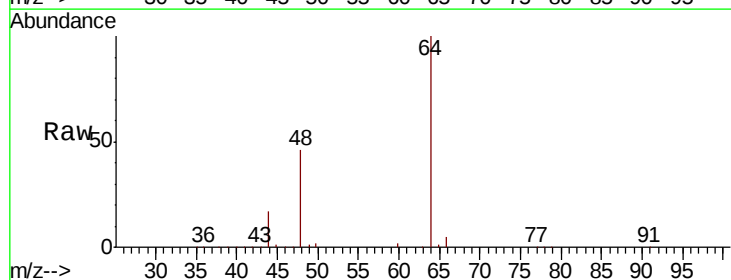
Acq: 31 Jul 2018 12:44

Tgt Ion: 64 Resp: 25233

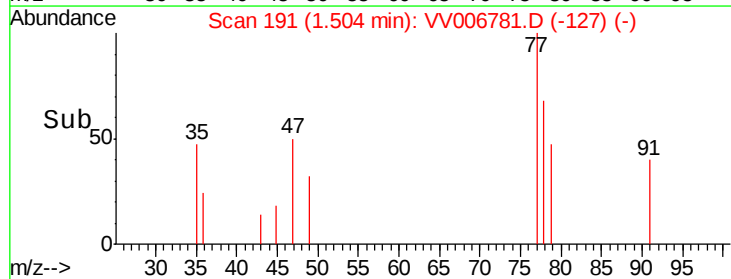
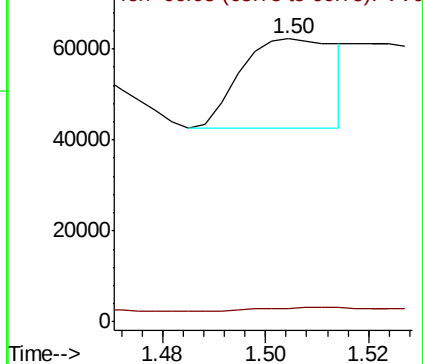
Ion Ratio Lower Upper

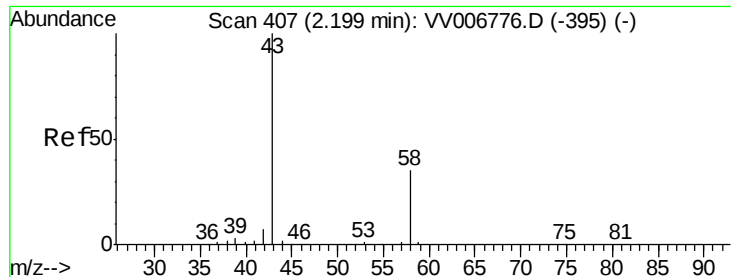
64 100

66 4.8 21.8 40.4#



Abundance Ion 64.10 (63.80 to 64.80): VV0
Ion 66.05 (65.75 to 66.75): VV0





#13

Acetone

Concen: 3.198 ug/L

RT: 2.19 min Scan# 404

Delta R.T. -0.01 min

Lab File: VV006781.D

Acq: 31 Jul 2018 12:44

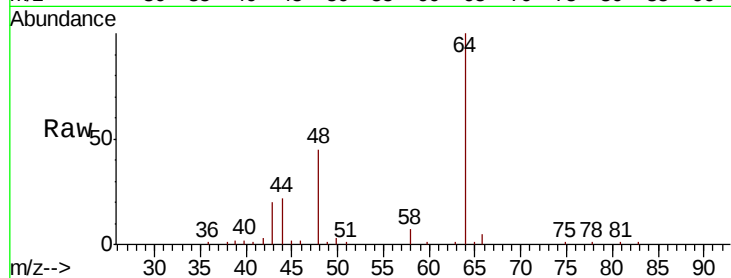
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5898

Ion Ratio Lower Upper

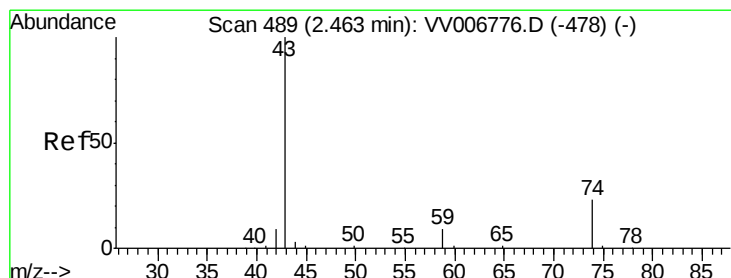
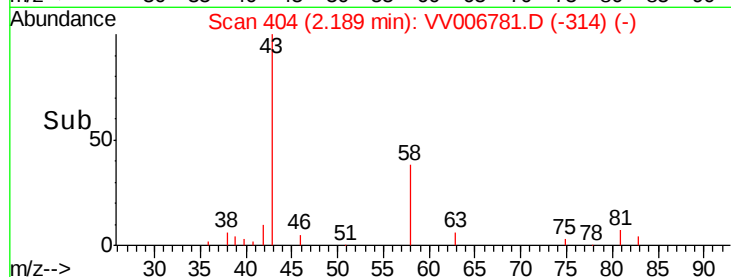
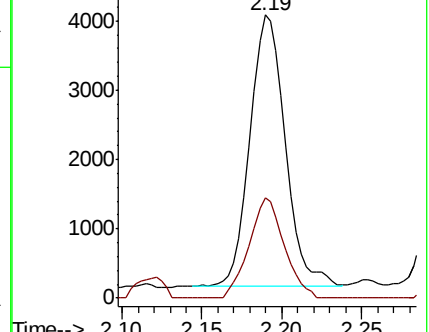
43 100

58 36.6 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006781.D (-314) (-)

Ion 58.05 (57.75 to 58.75): VV006781.D (-314) (-)



#15

Methyl Acetate

Concen: 2.210 ug/L

RT: 2.31 min Scan# 442

Delta R.T. -0.15 min

Lab File: VV006781.D

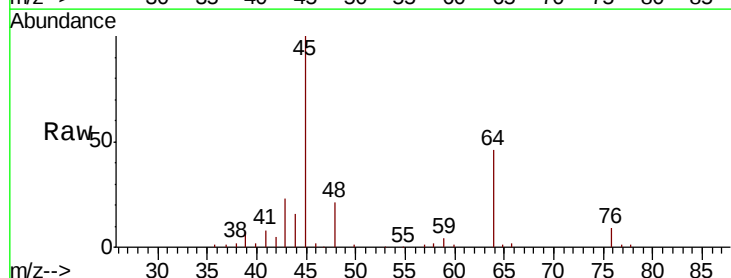
Acq: 31 Jul 2018 12:44

Tgt Ion: 43 Resp: 12084

Ion Ratio Lower Upper

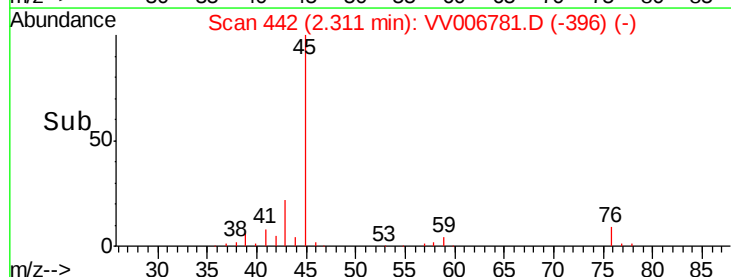
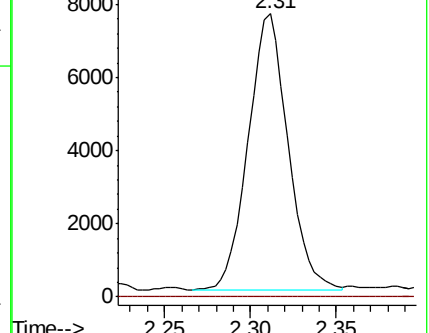
43 100

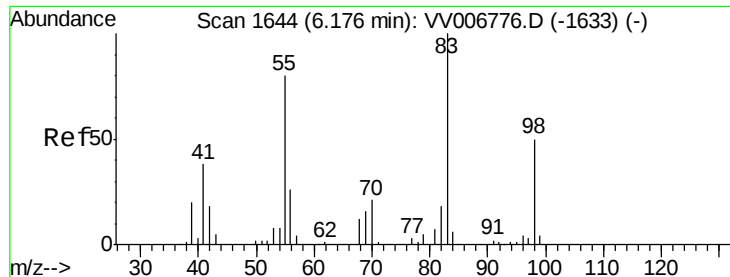
74 0.0 20.6 31.0#



Abundance Ion 43.05 (42.75 to 43.75): VV006781.D (-396) (-)

Ion 74.05 (73.75 to 74.75): VV006781.D (-396) (-)

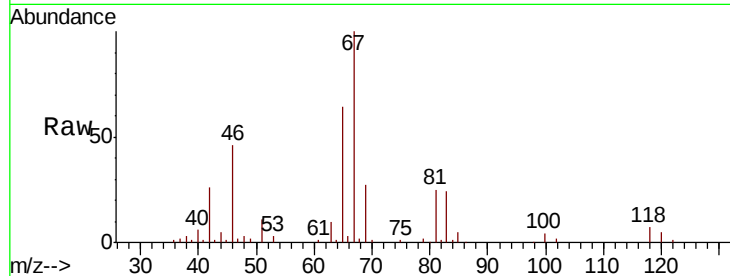




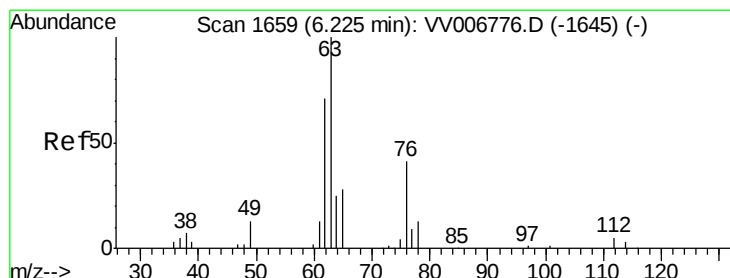
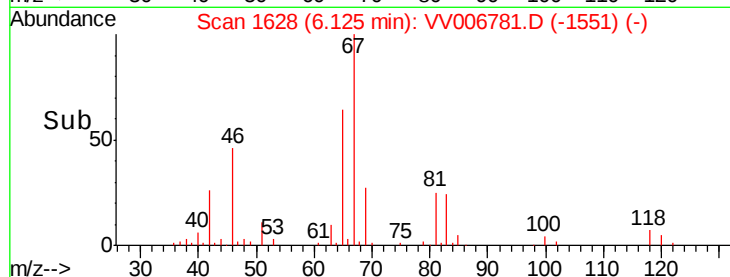
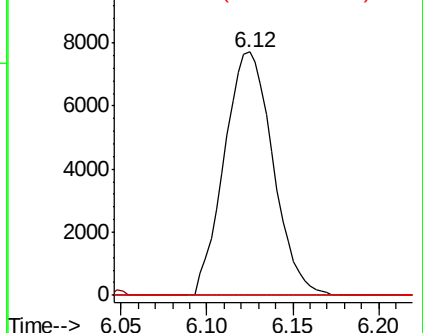
#35
Methvlcvclohexane
Concen: 0.723 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006781.D
Acq: 31 Jul 2018 12:44

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 15196
Ion Ratio Lower Upper
83 100
55 0.4 61.9 92.9#
98 0.0 39.7 59.5#

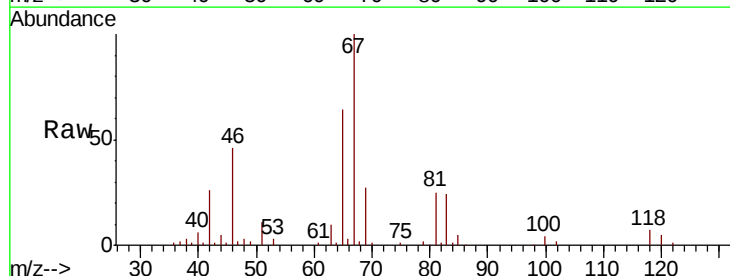


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

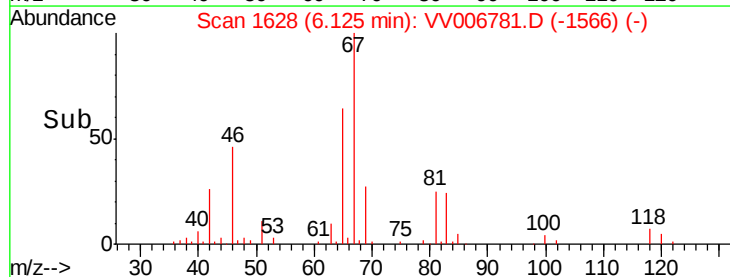
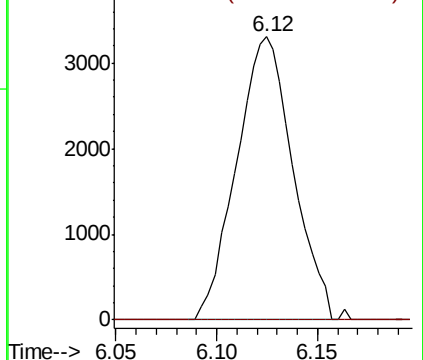


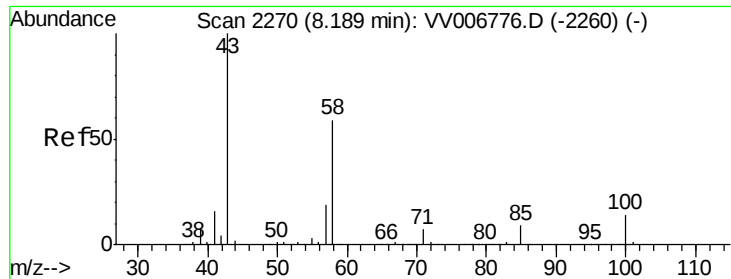
#37
1,2-Dichloropropane
Concen: 0.504 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006781.D
Acq: 31 Jul 2018 12:44

Tgt Ion: 63 Resp: 6449
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



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





#48

2-Hexanone

Concen: 0.308 ug/L

RT: 8.20 min Scan# 2272

Delta R.T. 0.01 min

Lab File: VV006781.D

Acq: 31 Jul 2018 12:44

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1511

Ion Ratio Lower Upper

43 100

58 35.3 47.2 70.8#

57 21.1 16.1 24.1

100 4.5 11.1 16.7#

