

Data File : VV011912.D
Acq On : 17 Jul 2019 15:21
Operator : SY/MD
Sample : K3823-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52R5

Quant Time: Jul 18 02:21:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 02:17:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	155159	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	150047	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66837	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58561	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.58	69	50297	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.13	63	62977	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.94	46	151466	52.63	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.26%
24) Chloroform-d	4.40	84	112223	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.08	65	63740	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.10	84	233209	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.12	67	70479	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	197962	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.67	79	23088	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.13	63	98467	49.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42534	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	72299	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

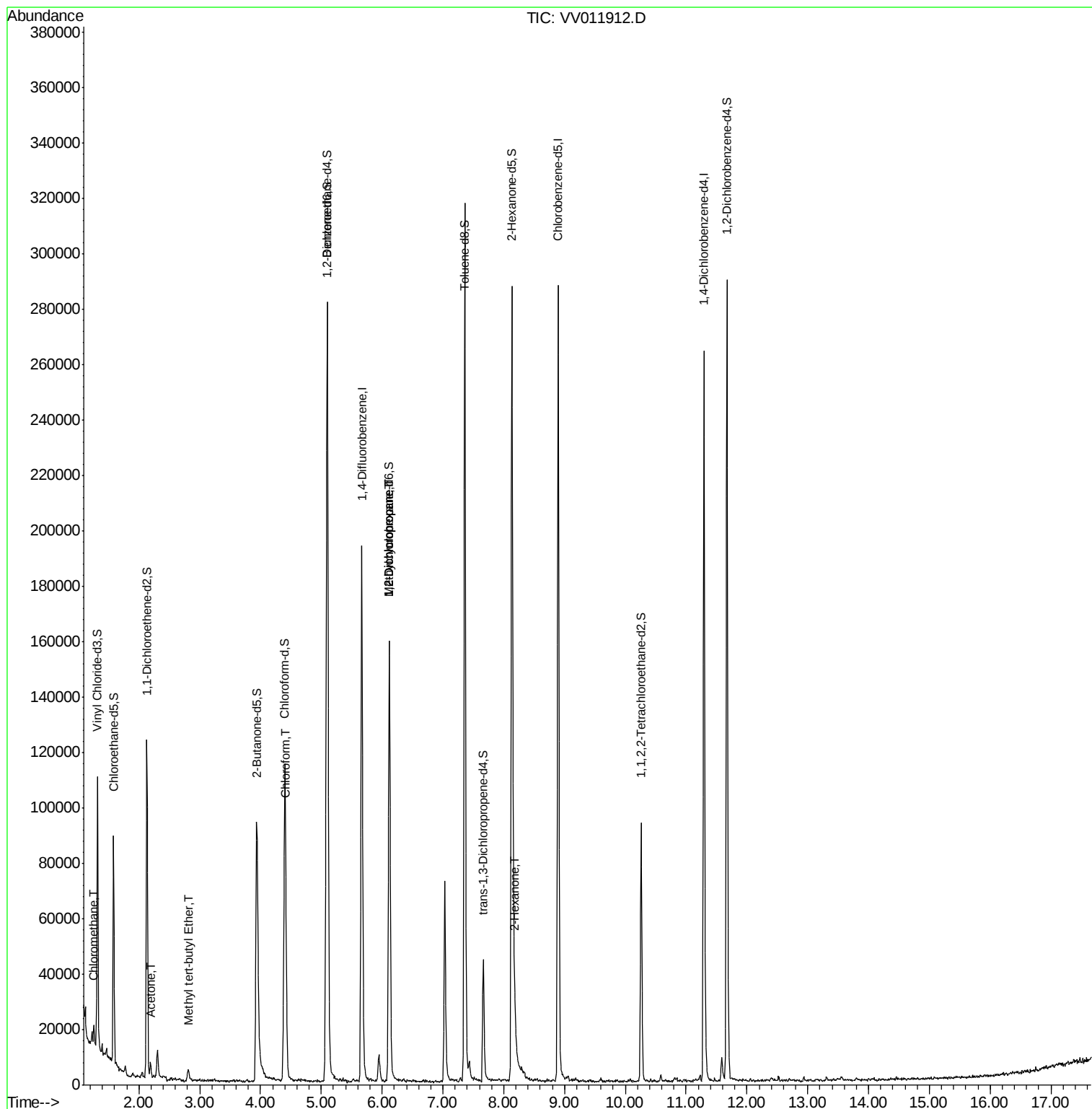
					Qvalue
3) Chloromethane	1.26	50	4476	0.291 ug/L	93
13) Acetone	2.19	43	4030	2.759 ug/L	88
17) Methyl tert-butyl Ether	2.81	73	3674	0.147 ug/L #	80
25) Chloroform	4.42	83	2238	0.095 ug/L	78
35) Methylcyclohexane	6.12	83	17195	0.869 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8392	0.732 ug/L #	89
48) 2-Hexanone	8.19	43	7746	1.571 ug/L #	88

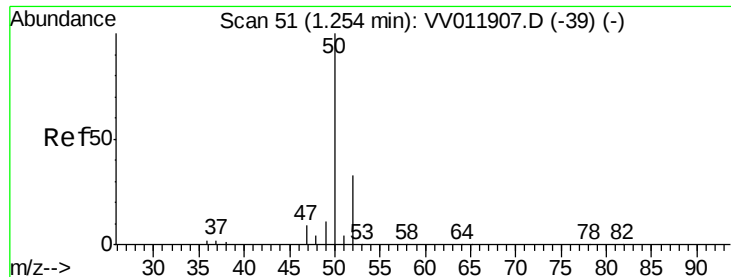
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.291 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

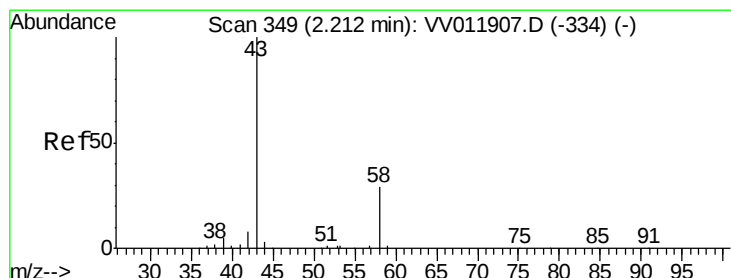
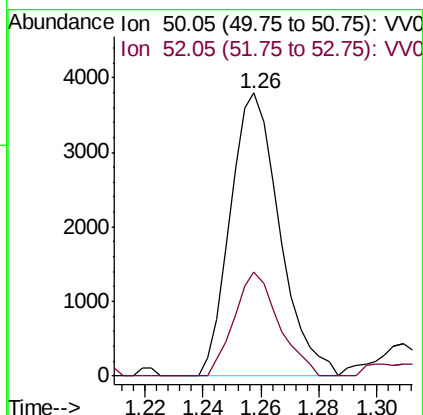
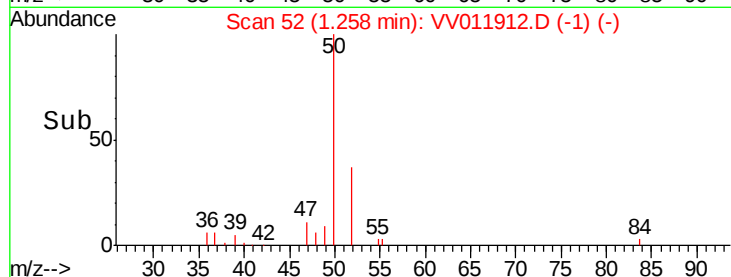
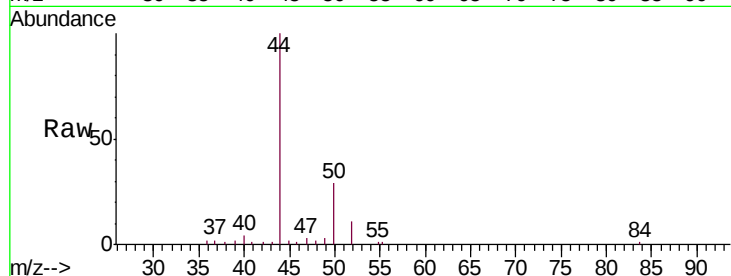
A52R5

Tgt Ion: 50 Resp: 4476

Ion Ratio Lower Upper

50 100

52 36.8 23.1 42.9



#13

Acetone

Concen: 2.759 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

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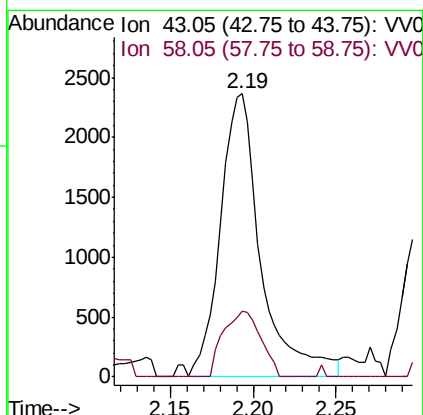
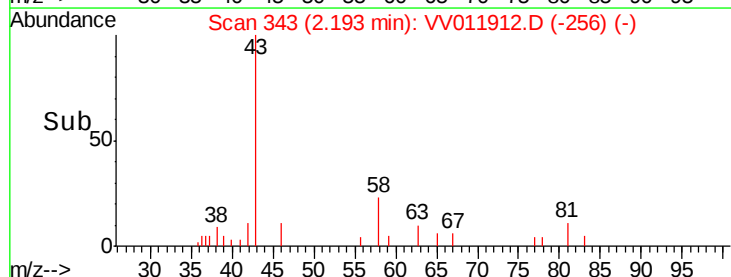
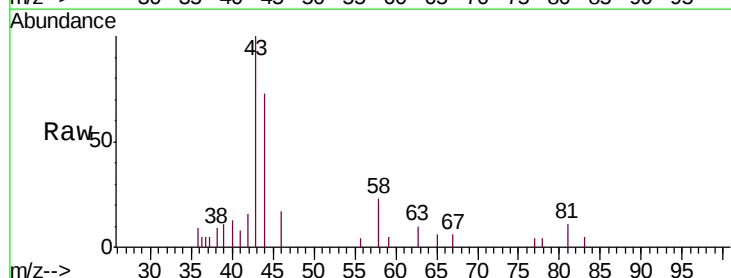
Acq: 17 Jul 2019 15:21

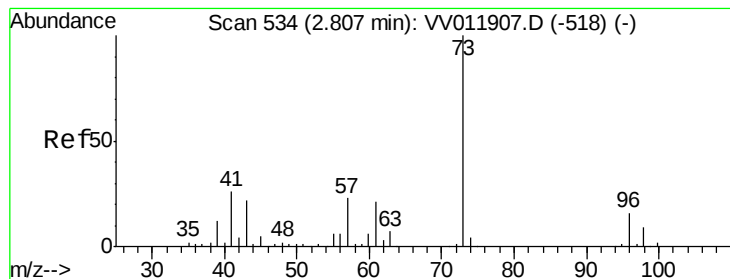
Tgt Ion: 43 Resp: 4030

Ion Ratio Lower Upper

43 100

58 21.3 0.0 55.6





#17

Methyl tert-butyl Ether

Concen: 0.147 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV011912.D

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Instrument :

MSVOA_V

ClientSampleId :

A52R5

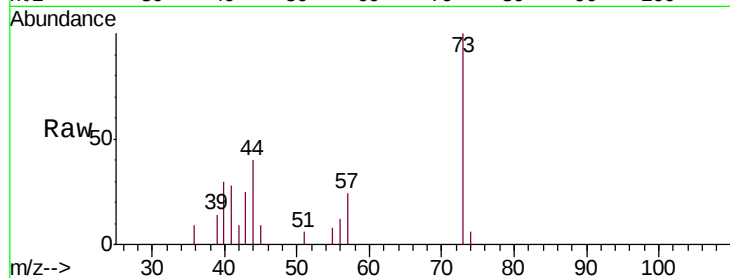
Tgt Ion: 73 Resp: 3674

Ion Ratio Lower Upper

73 100

43 29.9 17.6 26.4#

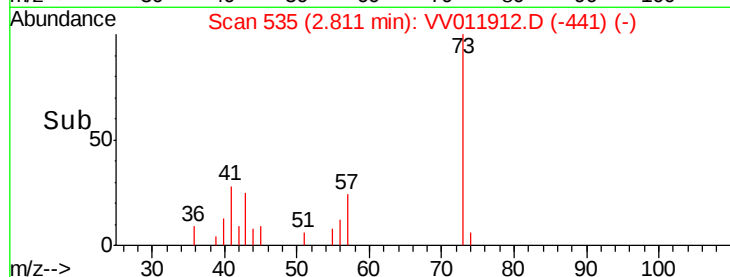
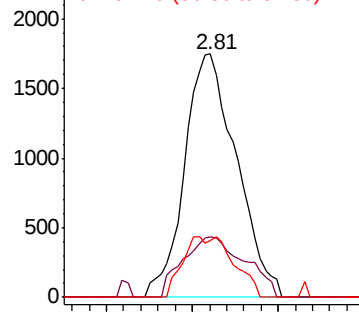
57 11.5 17.8 26.8#



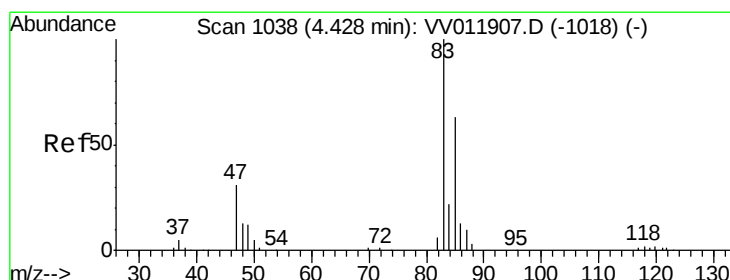
Abundance Ion 73.10 (72.80 to 73.80): VV011907.D (-518) (-)

Ion 43.05 (42.75 to 43.75): VV011912.D (-441) (-)

Ion 57.10 (56.80 to 57.80): VV011912.D (-441) (-)



Time-->



#25

Chloroform

Concen: 0.095 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV011912.D

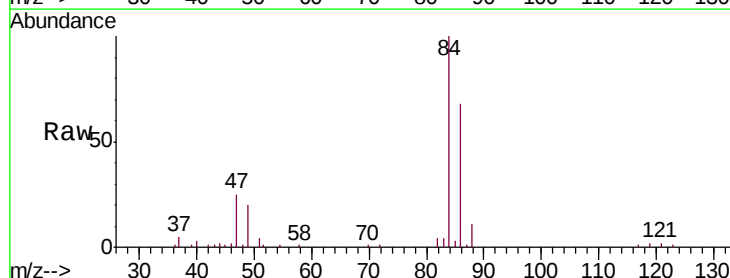
Acq: 17 Jul 2019 15:21

Tgt Ion: 83 Resp: 2238

Ion Ratio Lower Upper

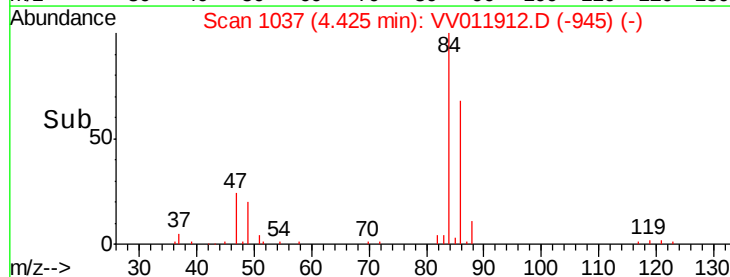
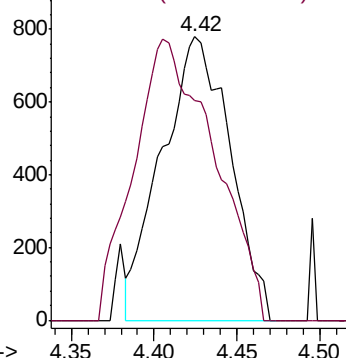
83 100

85 77.5 42.5 78.9

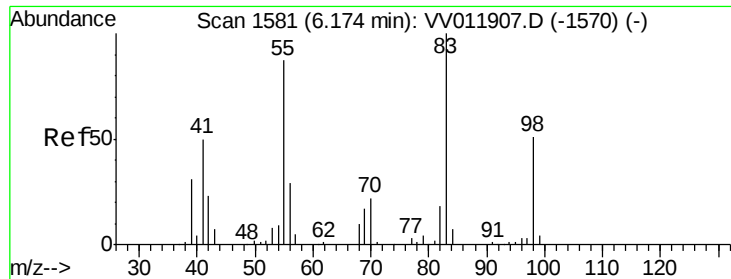


Abundance Ion 83.05 (82.75 to 83.75): VV011907.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV011912.D (-945) (-)



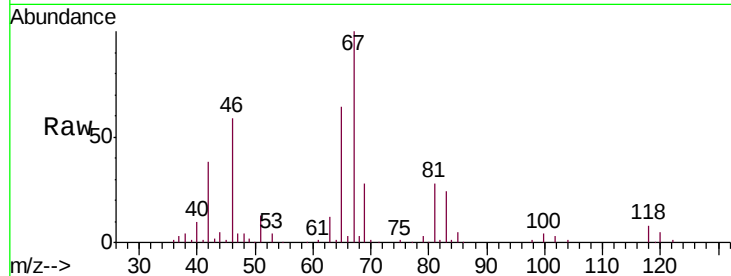
Time-->



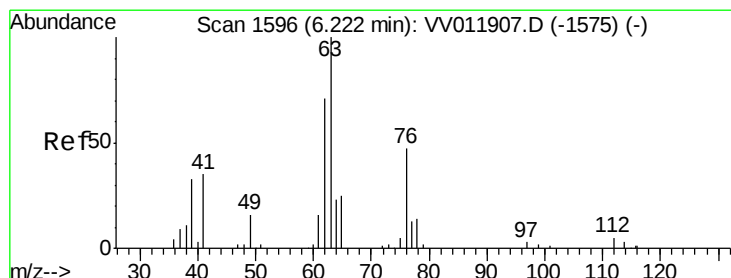
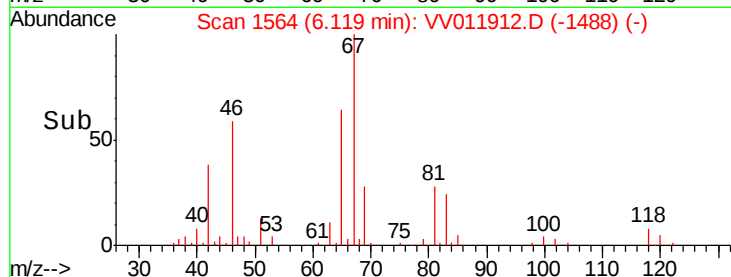
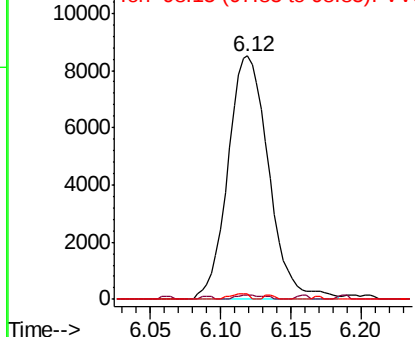
#35
Methylcyclohexane
Concen: 0.869 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011912.D
Acq: 17 Jul 2019 15:21

Instrument :
MSVOA_V
ClientSampled :
A52R5

Tgt Ion: 83 Resp: 17195
Ion Ratio Lower Upper
83 100
55 1.3 66.7 100.1#
98 1.0 39.0 58.4#

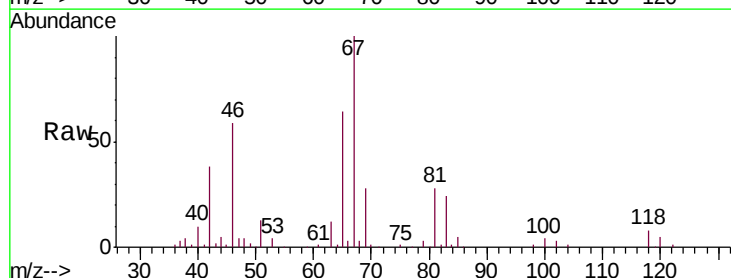


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

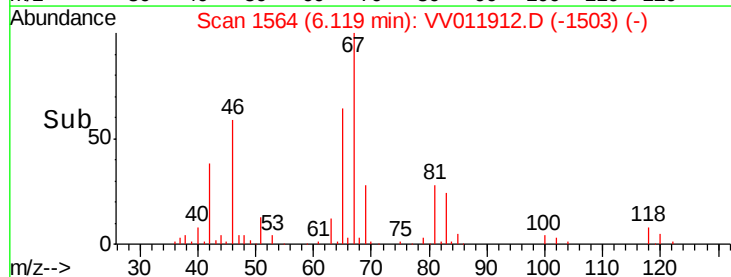
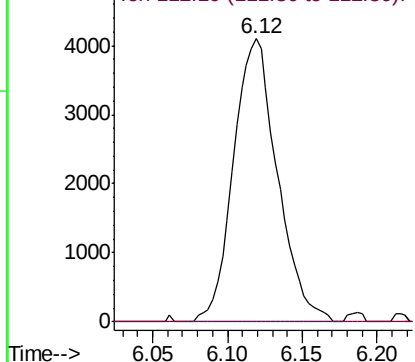


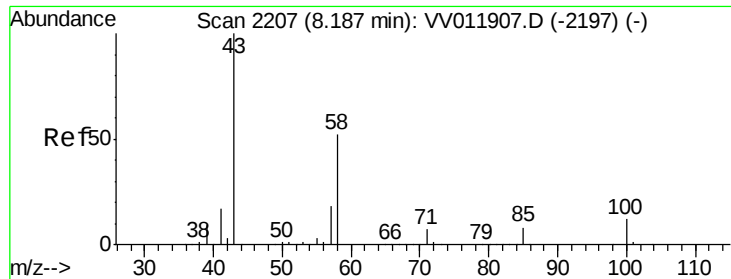
#37
1,2-Dichloropropane
Concen: 0.732 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011912.D
Acq: 17 Jul 2019 15:21

Tgt Ion: 63 Resp: 8392
Ion Ratio Lower Upper
63 100
112 0.8 3.4 5.2#



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





#48
 2-Hexanone
 Concen: 1.571 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VV011912.D
 Acq: 17 Jul 2019 15:21

Instrument :
 MSVOA_V
 ClientSampleId :
 A52R5

Tgt Ion:	43	Resp:	7746
Ion	Ratio	Lower	Upper
43	100		
58	45.5	41.1	61.7
57	9.1	14.3	21.5#
100	5.9	8.7	13.1#

