

Data File : VV006336.D
Acq On : 18 Jun 2018 12:53
Operator : SY/MD
Sample : J3550-19
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESWG9

Quant Time: Jun 18 13:41:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 18 03:14:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	318083	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	285492	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	129502	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72278	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.58	69	64777	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	101817	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	3.97	46	218987	59.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.74%
24) Chloroform-d	4.41	84	152559	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.09	65	78838	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.11	84	317119	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	100090	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.37	98	281435	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.67	79	27756	3.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.20%
46) 2-Hexanone-d5	8.14	63	165297	41.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66016	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	111858	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

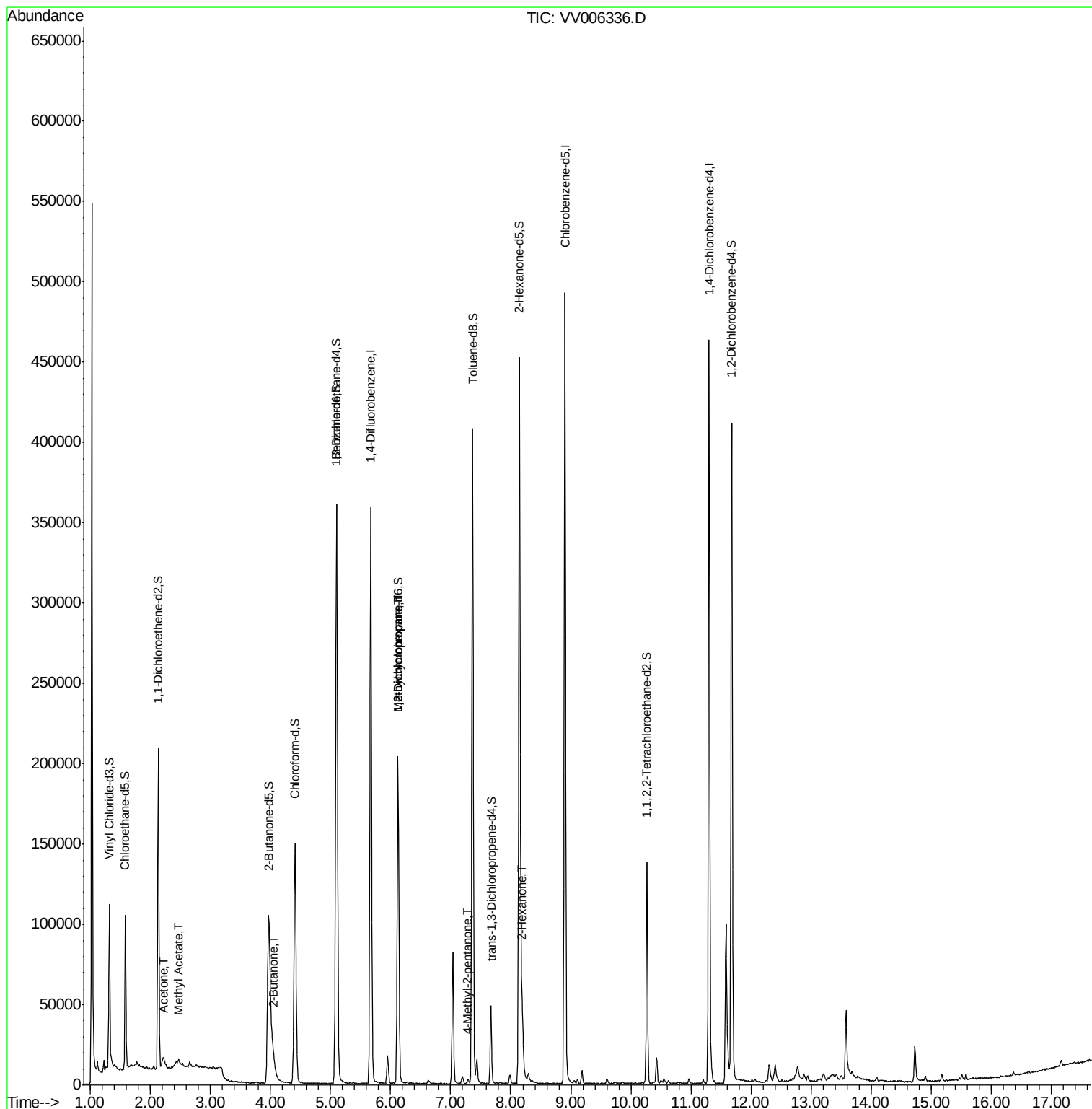
					Qvalue
13) Acetone	2.22	43	10494	5.250 ug/L	88
15) Methyl Acetate	2.47	43	3233	0.543 ug/L #	87
21) 2-Butanone	4.06	43	9437	2.595 ug/L	92
35) Methylcyclohexane	6.12	83	24894	0.674 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10285	0.545 ug/L #	85
40) 4-Methyl-2-pentanone	7.29	43	2043	0.209 ug/L #	76
48) 2-Hexanone	8.19	43	24922	3.636 ug/L #	84

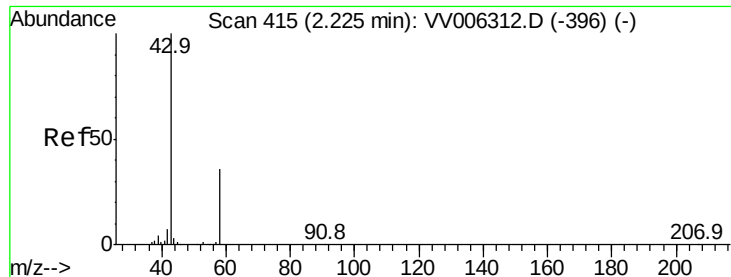
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.250 ug/L

RT: 2.22 min Scan# 415

Delta R.T. 0.00 min

Lab File: VV006336.D

Acq: 18 Jun 2018 12:53

Instrument :

MSVOA_V

ClientSampled :

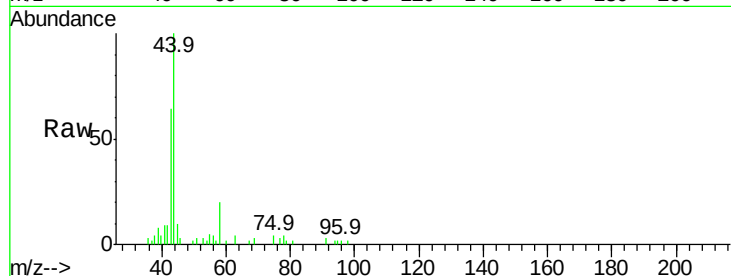
ESWG9

Tgt Ion: 43 Resp: 10494

Ion Ratio Lower Upper

43 100

58 40.7 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV006336.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VV006336.D (-321) (-)

2.22

4000

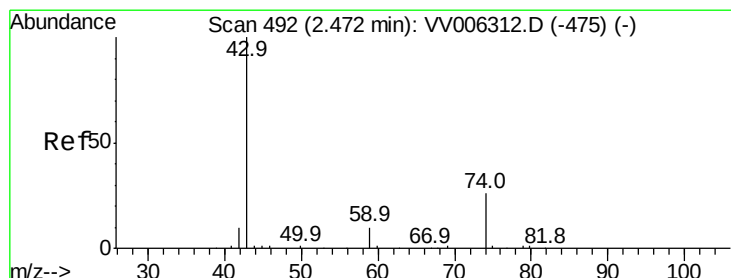
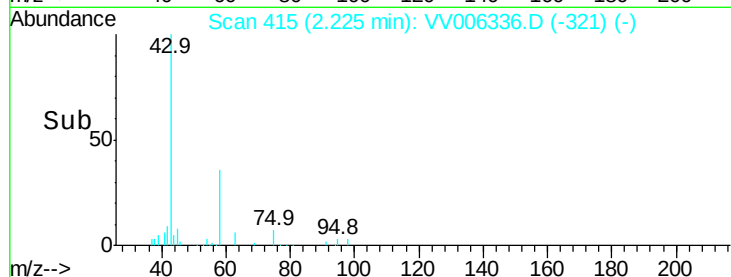
3000

2000

1000

0

Time--> 2.10 2.20 2.30



#15

Methyl Acetate

Concen: 0.543 ug/L

RT: 2.47 min Scan# 492

Delta R.T. 0.00 min

Lab File: VV006336.D

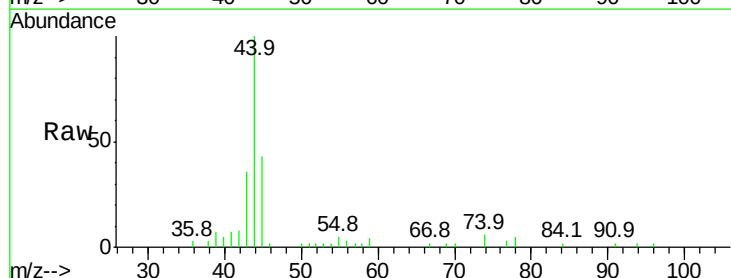
Acq: 18 Jun 2018 12:53

Tgt Ion: 43 Resp: 3233

Ion Ratio Lower Upper

43 100

74 22.1 23.4 35.0#



Abundance Ion 43.05 (42.75 to 43.75): VV006336.D (-399) (-)

Ion 74.05 (73.75 to 74.75): VV006336.D (-399) (-)

2.47

2500

2000

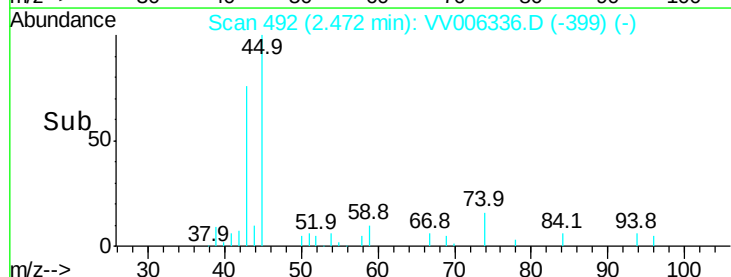
1500

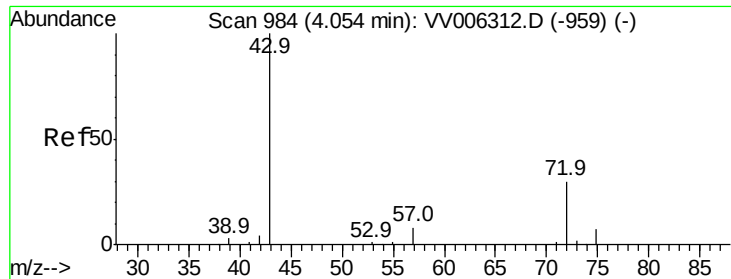
1000

500

0

Time--> 2.40 2.45 2.50 2.55





#21

2-Butanone

Concen: 2.595 ug/L

RT: 4.06 min Scan# 986

Delta R.T. 0.01 min

Lab File: VV006336.D

Acq: 18 Jun 2018 12:53

Instrument :

MSVOA_V

ClientSampled :

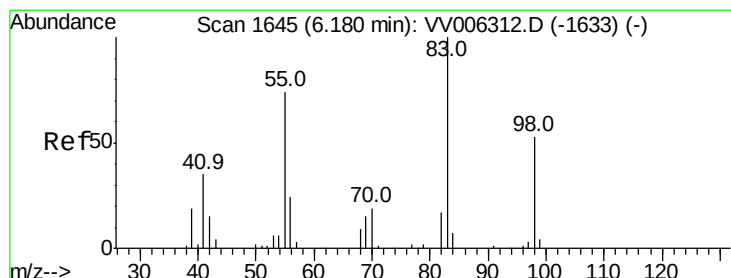
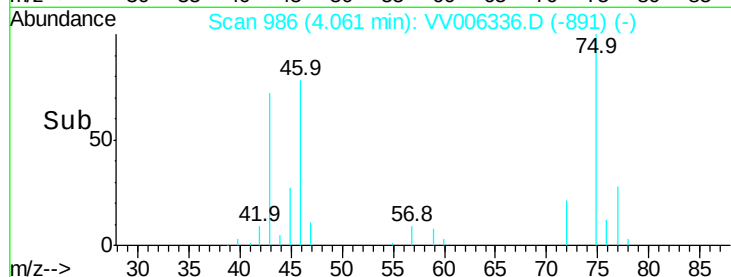
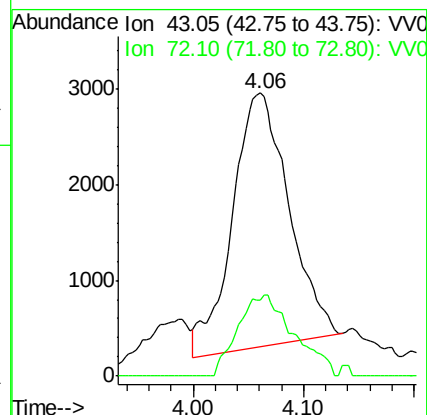
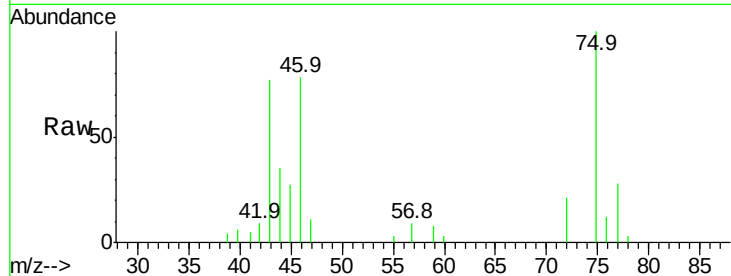
ESWG9

Tgt Ion: 43 Resp: 9437

Ion Ratio Lower Upper

43 100

72 31.8 13.8 41.3



#35

Methylcyclohexane

Concen: 0.674 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006336.D

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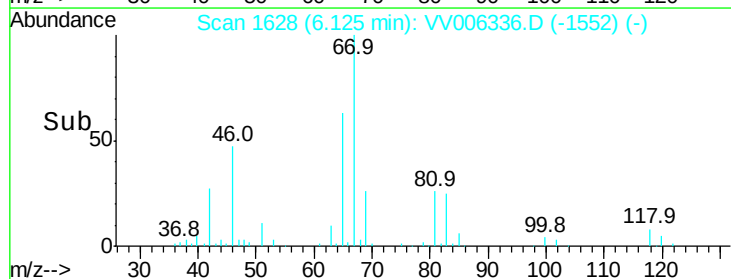
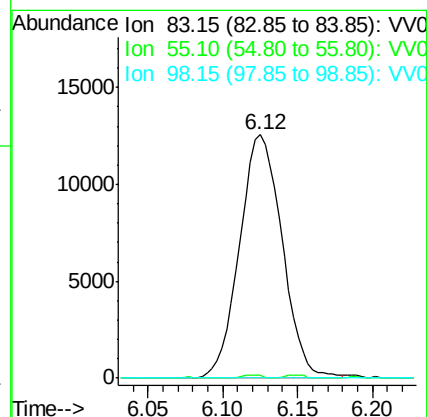
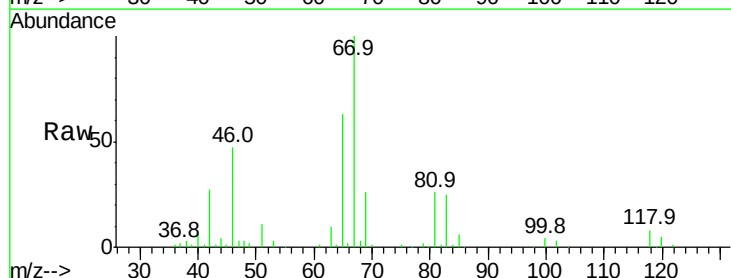
Tgt Ion: 83 Resp: 24894

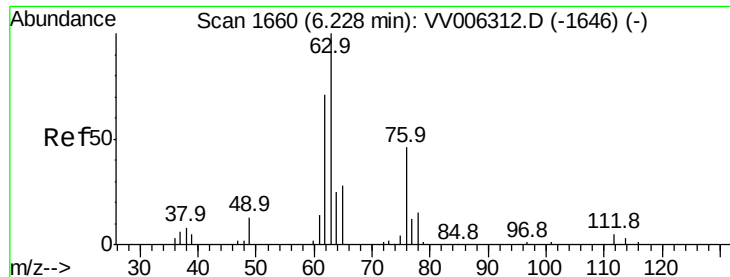
Ion Ratio Lower Upper

83 100

55 0.5 57.5 86.3#

98 0.0 39.8 59.8#

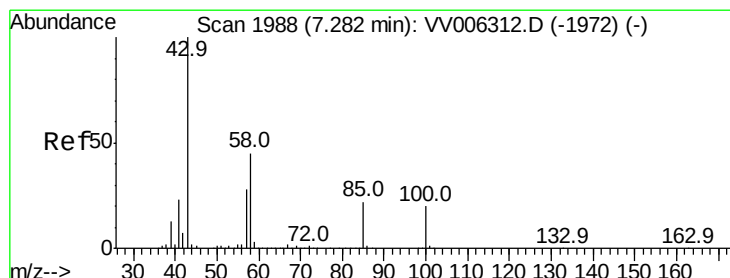
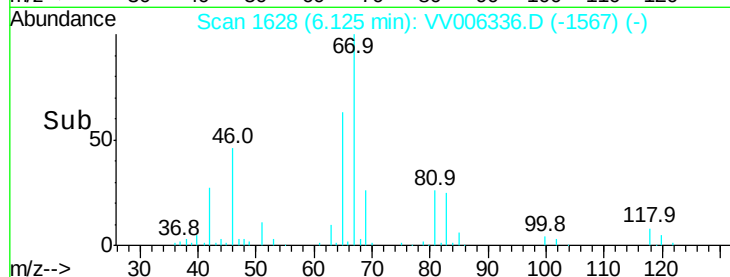
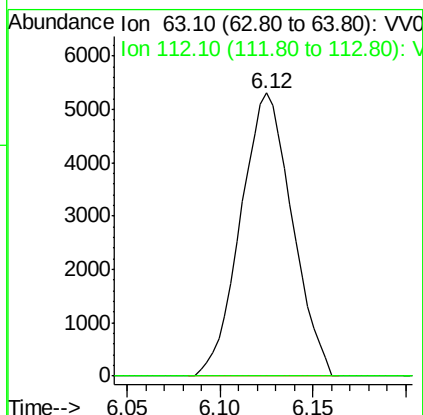
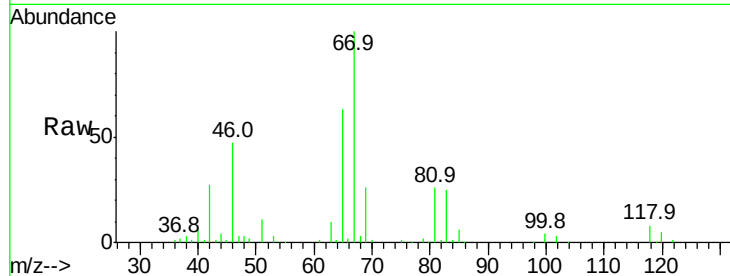




#37
 1,2-Dichloropropane
 Concen: 0.545 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006336.D
 Acq: 18 Jun 2018 12:53

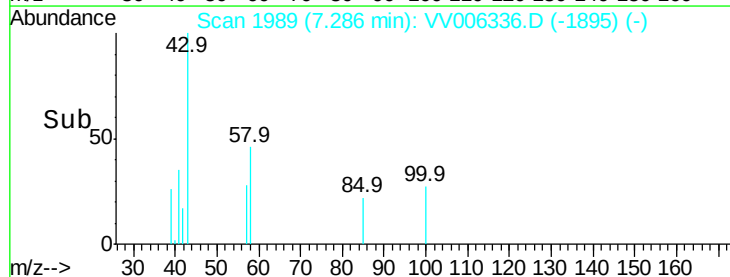
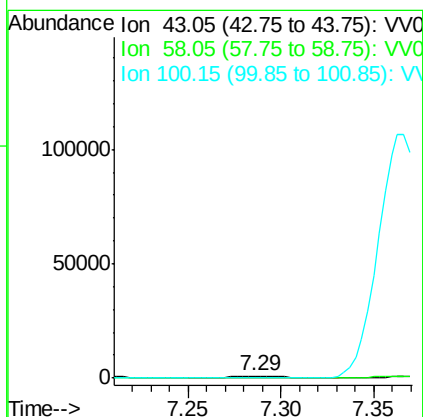
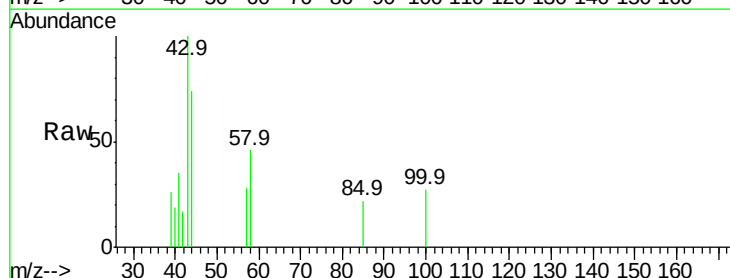
Instrument :
 MSVOA_V
 ClientSampleId :
 ESWG9

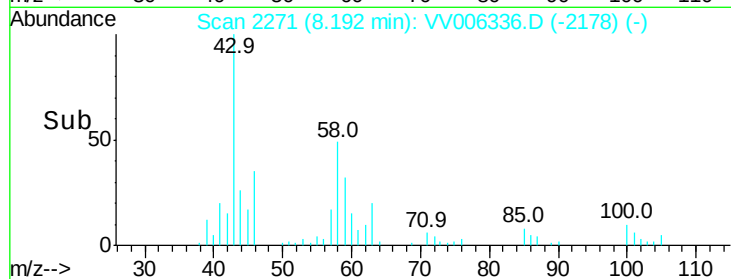
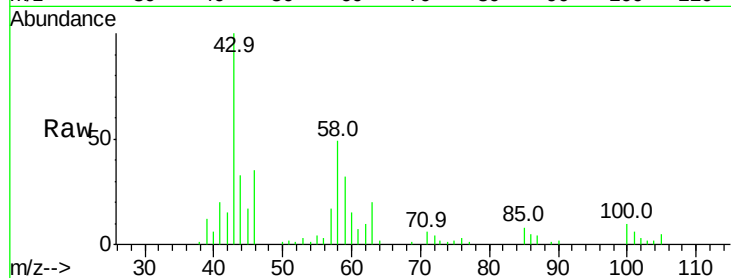
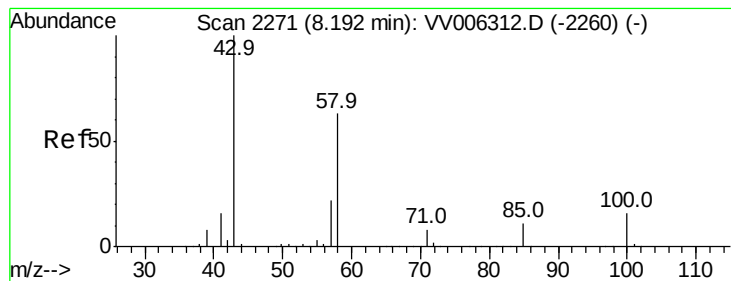
Tgt Ion: 63 Resp: 10285
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#40
 4-Methyl-2-pentanone
 Concen: 0.209 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VV006336.D
 Acq: 18 Jun 2018 12:53

Tgt Ion: 43 Resp: 2043
 Ion Ratio Lower Upper
 43 100
 58 34.3 36.0 54.0#
 100 0.0 15.4 23.2#





#48

2-Hexanone

Concen: 3.636 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VV006336.D

Acq: 18 Jun 2018 12:53

Instrument :

MSVOA_V

ClientSampleId :

ESWG9

Tgt Ion: 43 Resp: 24922

Ion Ratio Lower Upper

43 100

58 46.2 48.6 72.8#

57 18.2 17.5 26.3

100 8.5 12.6 18.8#

