

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006301.D
 Acq On : 16 Jun 2018 00:56
 Operator : SY/MD
 Sample : J3473-12
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KB6

Quant Time: Jun 16 01:25:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 16 00:57:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	260014	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234114	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103846	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65149	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.58	69	63272	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.13	63	92624	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.95	46	212598	70.51	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.02%#
24) Chloroform-d	4.41	84	142120	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.09	65	75765	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.11	84	286436	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.12	67	92674	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.37	98	245871	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.67	79	26035	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	8.14	63	164347	50.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65911	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	100685	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

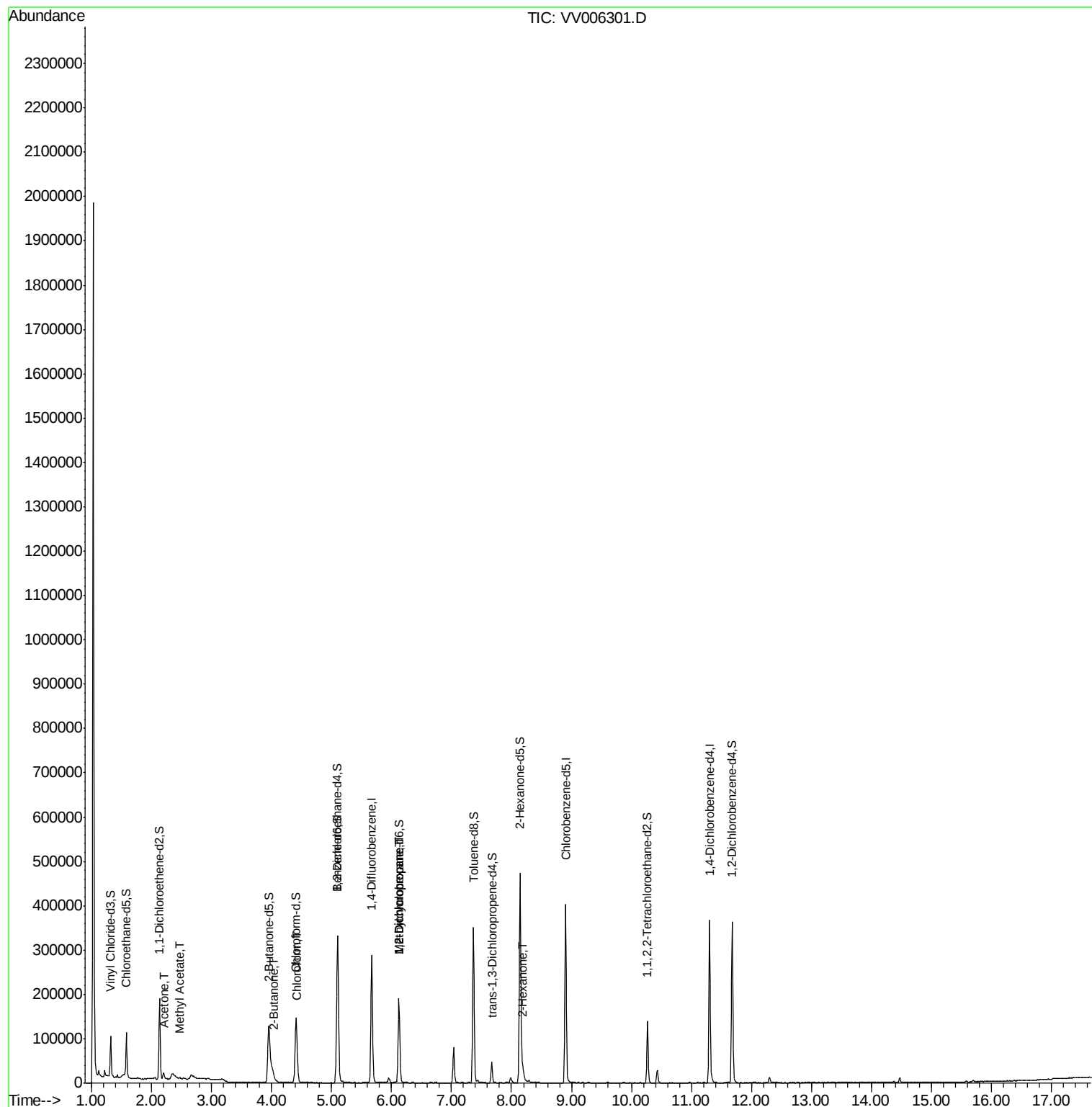
					Qvalue
13) Acetone	2.20	43	13735	8.406 ug/L	93
15) Methyl Acetate	2.47	43	3200	0.658 ug/L #	87
21) 2-Butanone	4.04	43	3604	1.212 ug/L	95
25) Chloroform	4.44	83	6535	0.231 ug/L	94
35) Methylcyclohexane	6.12	83	22582	0.746 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10091	0.653 ug/L #	85
48) 2-Hexanone	8.19	43	15703	2.794 ug/L #	86

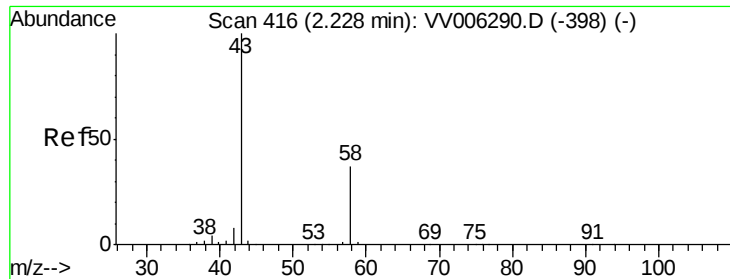
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 16 00:57:31 2018
Response via : Initial Calibration





#13

Acetone

Concen: 8.406 ug/L

RT: 2.20 min Scan# 408

Delta R.T. -0.03 min

Lab File: VV006301.D

Acq: 16 Jun 2018 00:56

Instrument :

MSVOA_V

ClientSampleId :

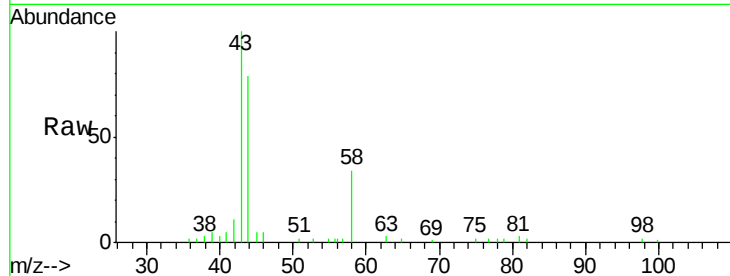
C0KB6

Tgt Ion: 43 Resp: 13735

Ion Ratio Lower Upper

43 100

58 38.0 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

8000

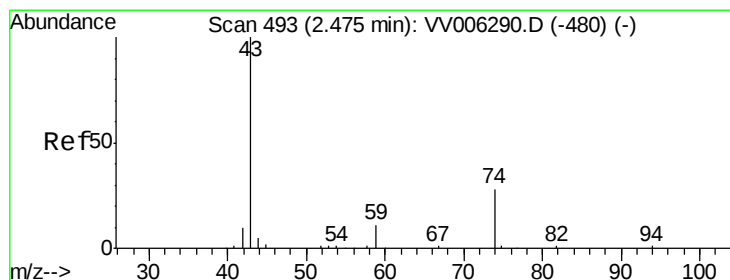
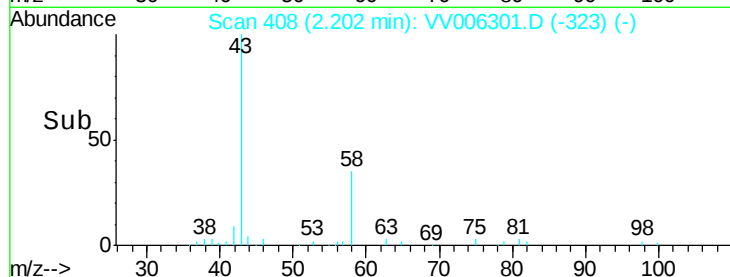
6000

4000

2000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#15

Methyl Acetate

Concen: 0.658 ug/L

RT: 2.47 min Scan# 490

Delta R.T. -0.01 min

Lab File: VV006301.D

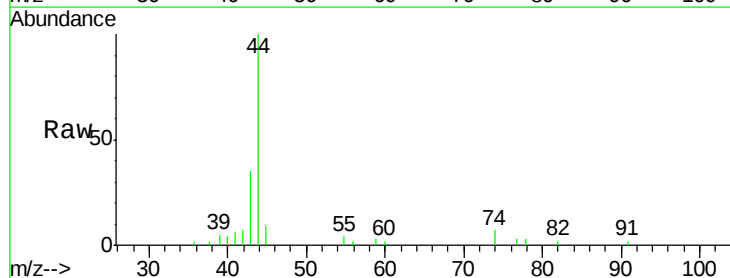
Acq: 16 Jun 2018 00:56

Tgt Ion: 43 Resp: 3200

Ion Ratio Lower Upper

43 100

74 22.3 23.4 35.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2500

2000

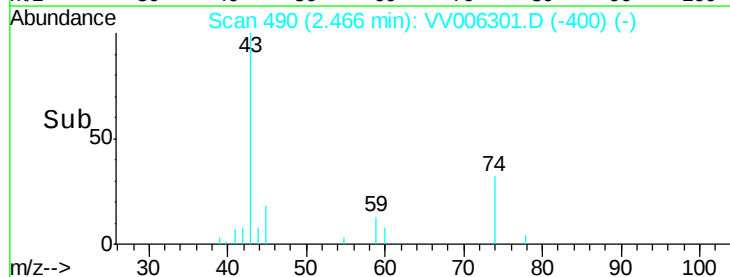
1500

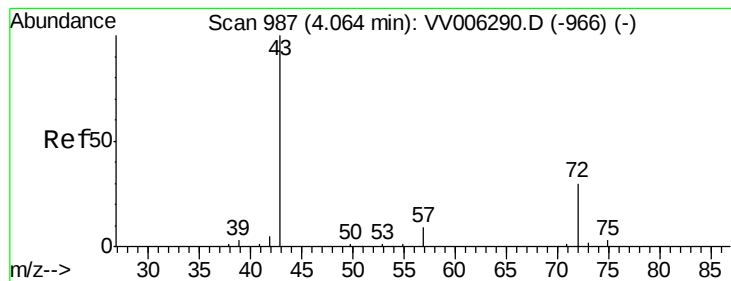
1000

500

0

Time--> 2.40 2.45 2.50 2.55





#21

2-Butanone

Concen: 1.212 ug/L

RT: 4.04 min Scan# 981

Delta R.T. -0.02 min

Lab File: VV006301.D

Acq: 16 Jun 2018 00:56

Instrument :

MSVOA_V

ClientSampleId :

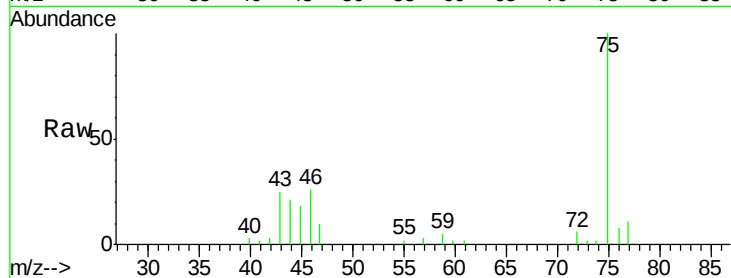
C0KB6

Tgt Ion: 43 Resp: 3604

Ion Ratio Lower Upper

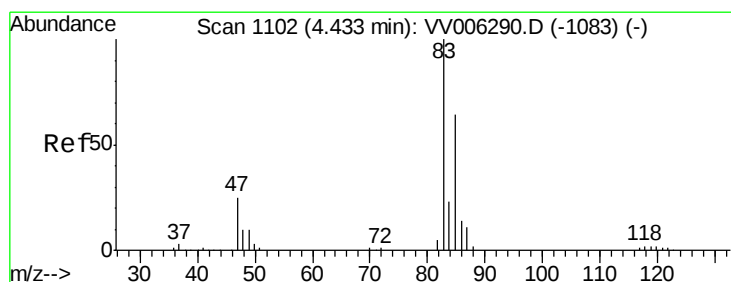
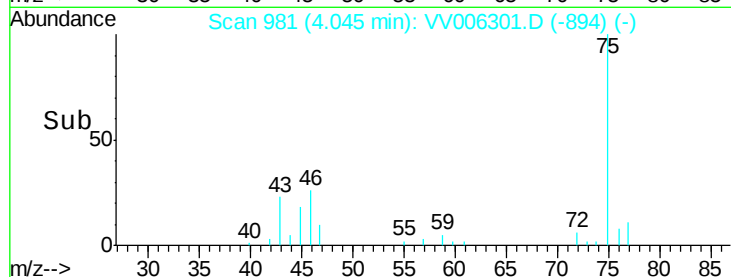
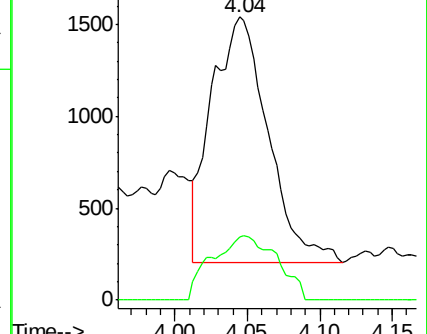
43 100

72 30.4 13.8 41.3



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#25

Chloroform

Concen: 0.231 ug/L

RT: 4.44 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV006301.D

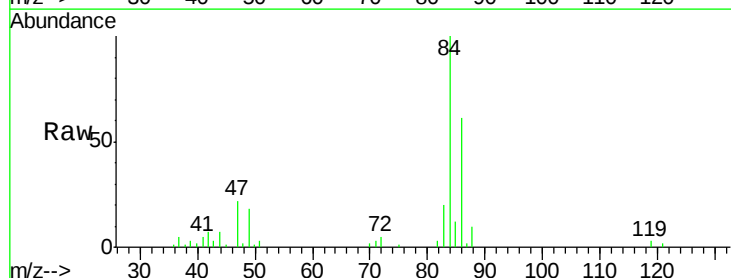
Acq: 16 Jun 2018 00:56

Tgt Ion: 83 Resp: 6535

Ion Ratio Lower Upper

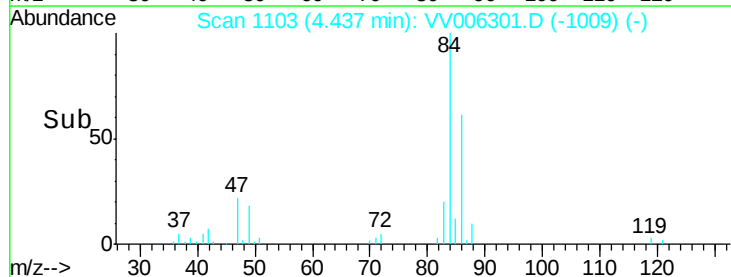
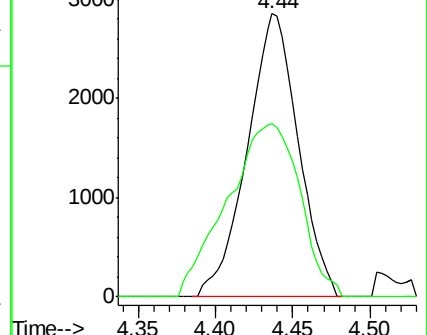
83 100

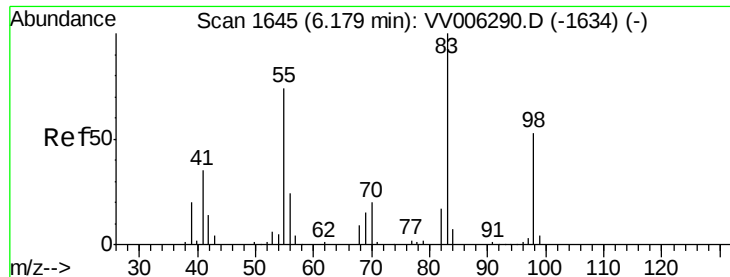
85 61.1 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

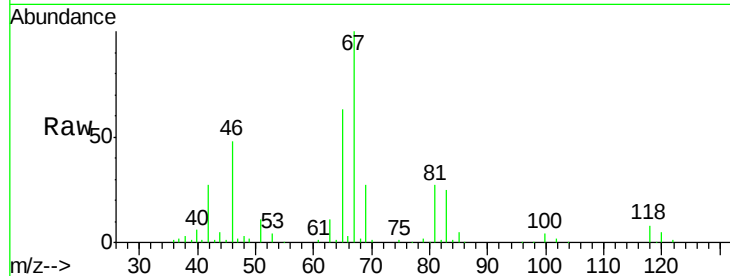




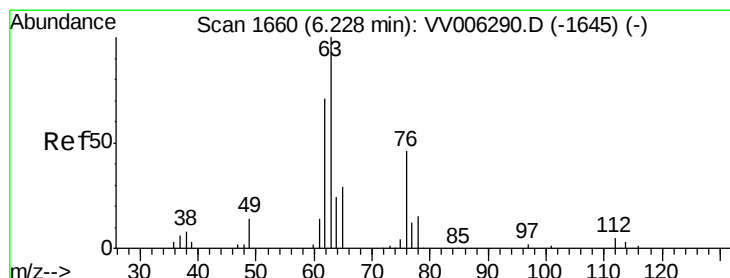
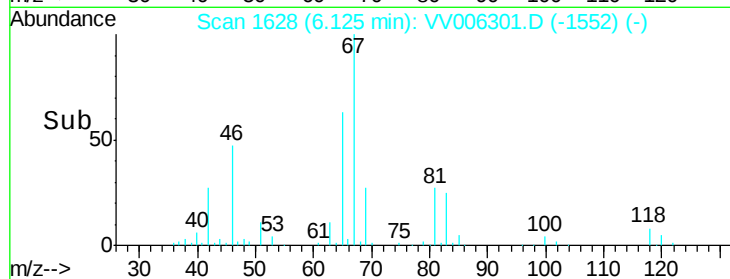
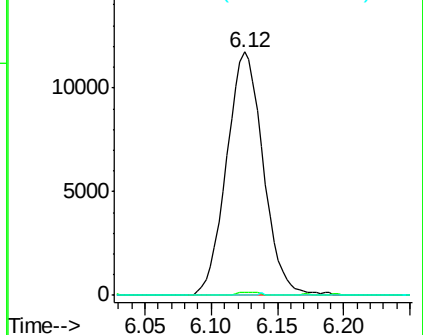
#35
Methylcyclohexane
Concen: 0.746 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006301.D
Acq: 16 Jun 2018 00:56

Instrument :
MSVOA_V
ClientSampleId :
C0KB6

Tgt Ion: 83 Resp: 22582
Ion Ratio Lower Upper
83 100
55 0.8 57.5 86.3#
98 0.1 39.8 59.8#

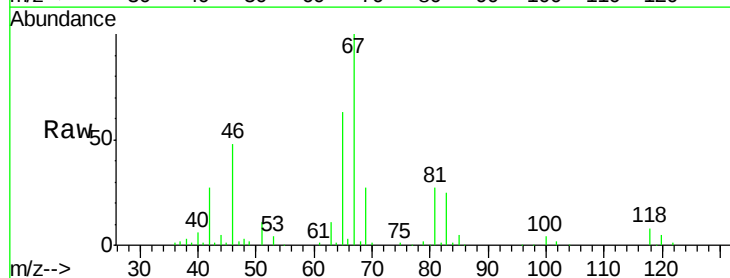


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

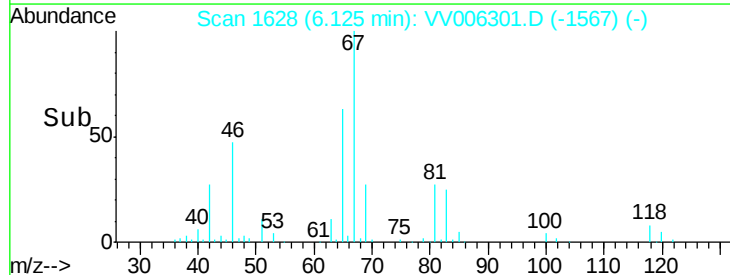
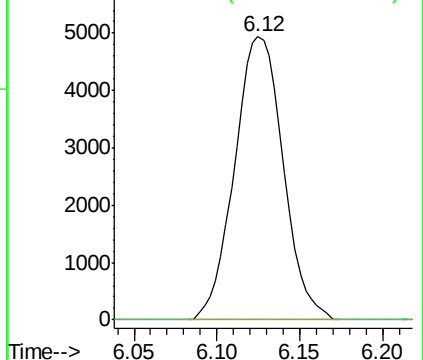


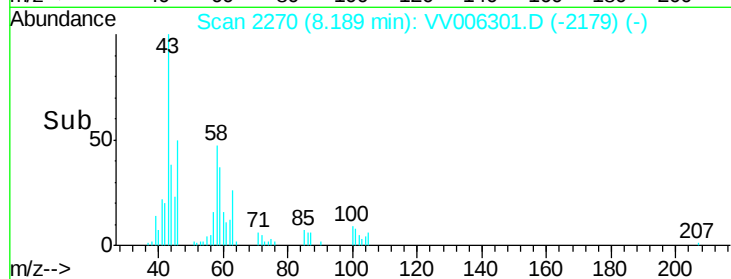
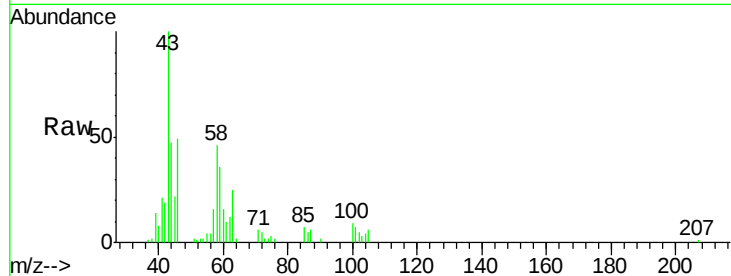
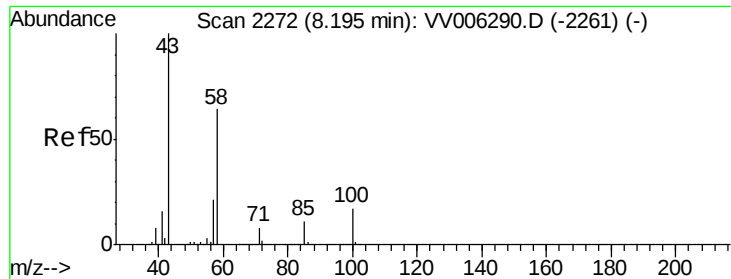
#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006301.D
Acq: 16 Jun 2018 00:56

Tgt Ion: 63 Resp: 10091
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



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





#48

2-Hexanone

Concen: 2.794 ug/L

RT: 8.19 min Scan# 2270

Delta R.T. -0.01 min

Lab File: VV006301.D

Acq: 16 Jun 2018 00:56

Instrument :

MSVOA_V

ClientSampleId :

C0KB6

Tgt Ion: 43 Resp: 15703

Ion Ratio Lower Upper

43 100

58 49.5 48.6 72.8

57 16.2 17.5 26.3#

100 10.1 12.6 18.8#

