

Data File : VV012011.D
Acq On : 24 Jul 2019 15:11
Operator : SY/MD
Sample : K3958-12
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A01

Quant Time: Jul 25 04:16:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	136790	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128201	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63649	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30191	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.59	69	25274	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.14	63	50803	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.95	46	99543	47.90	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.80%
24) Chloroform-d	4.40	84	87749	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.09	65	49420	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	171033	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	50203	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	155720	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	18750	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.14	63	80882	48.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34935	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	64587	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

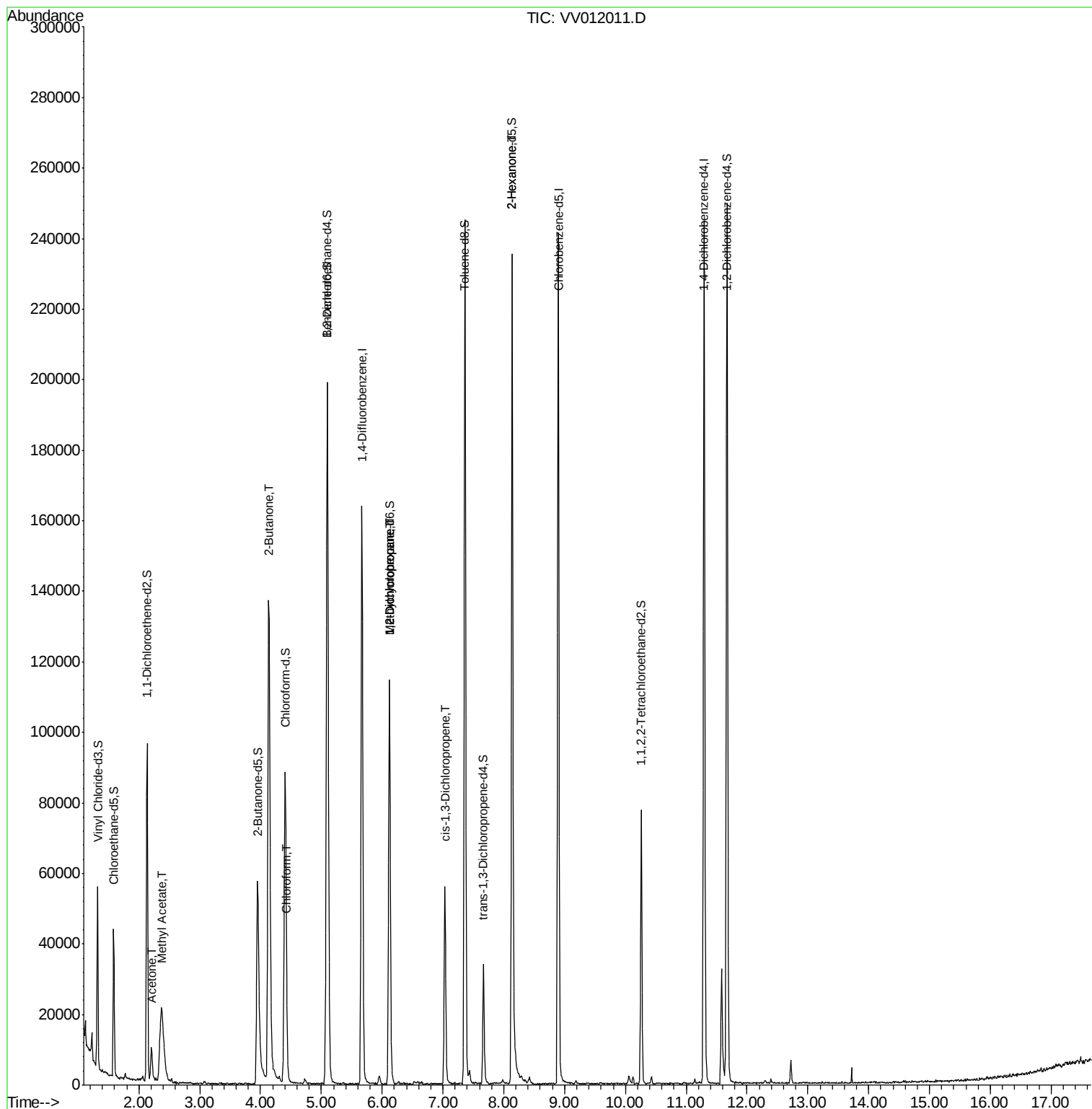
					Qvalue
13) Acetone	2.21	43	11829	10.560	ug/L 99
15) Methyl Acetate	2.38	43	13470	5.508	ug/L # 45
21) 2-Butanone	4.14	43	215221	100.151	ug/L # 48
25) Chloroform	4.44	83	3763	0.182	ug/L 96
35) Methylcyclohexane	6.12	83	12998	0.797	ug/L # 17
37) 1,2-Dichloropropane	6.12	63	6124	0.675	ug/L # 84
39) cis-1,3-Dichloropropene	7.04	75	1385	0.103	ug/L # 50
48) 2-Hexanone	8.14	43	11047	3.109	ug/L # 68

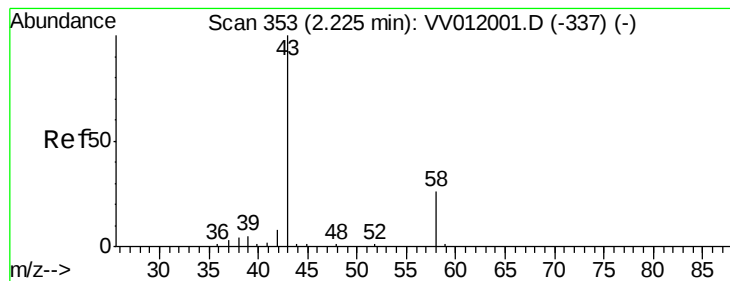
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 10.560 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

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Acq: 24 Jul 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

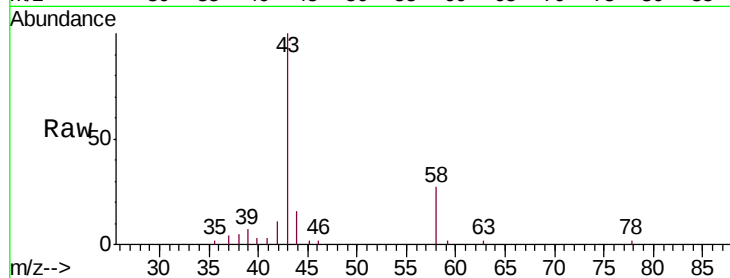
F2A01

Tgt Ion: 43 Resp: 11829

Ion Ratio Lower Upper

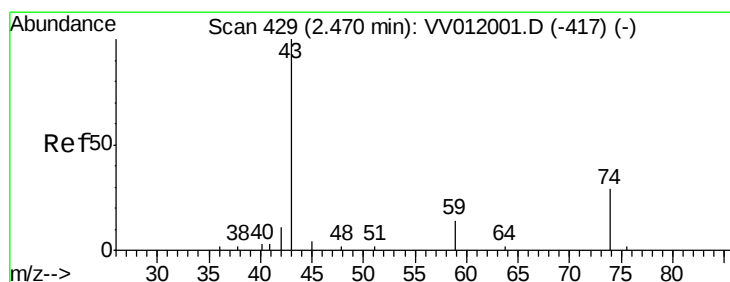
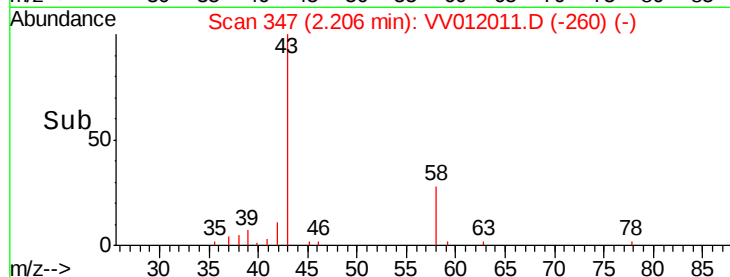
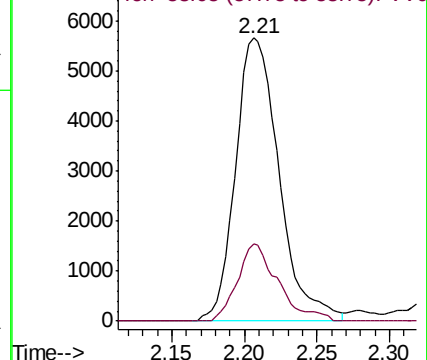
43 100

58 25.5 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 5.508 ug/L

RT: 2.38 min Scan# 400

Delta R.T. -0.09 min

Lab File: VV012011.D

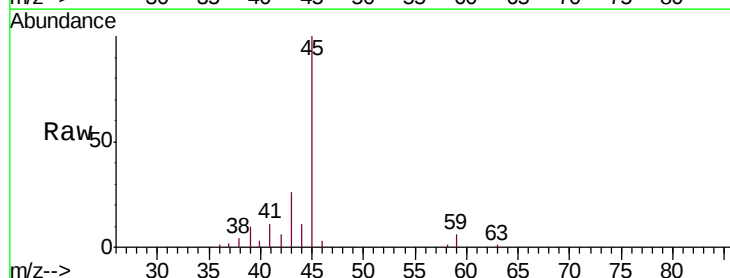
Acq: 24 Jul 2019 15:11

Tgt Ion: 43 Resp: 13470

Ion Ratio Lower Upper

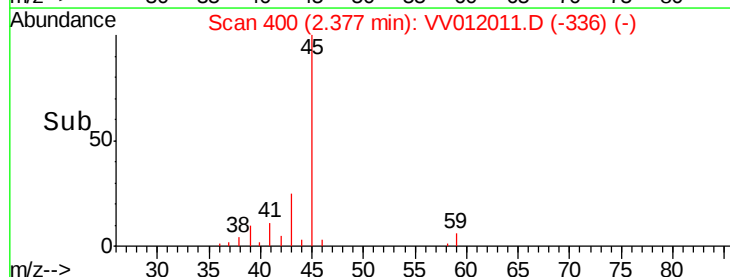
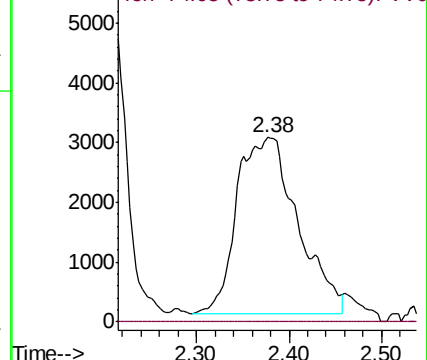
43 100

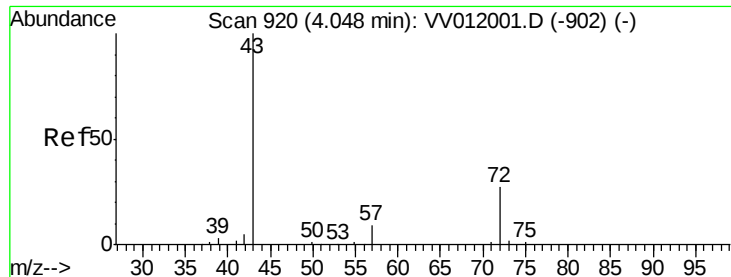
74 0.0 23.4 35.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#21

2-Butanone

Concen: 100.151 ug/L

RT: 4.14 min Scan# 947

Delta R.T. 0.09 min

Lab File: VV012011.D

Acq: 24 Jul 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

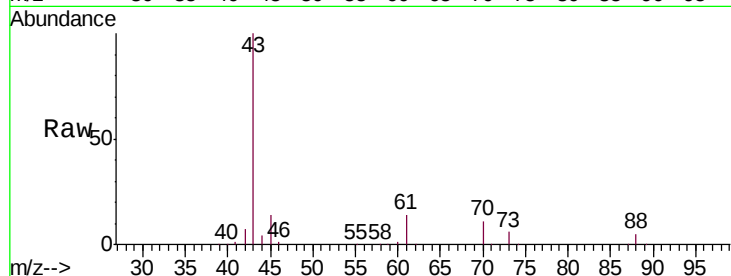
F2A01

Tgt Ion: 43 Resp: 215221

Ion Ratio Lower Upper

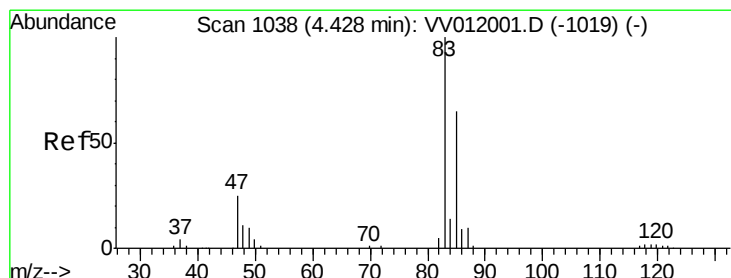
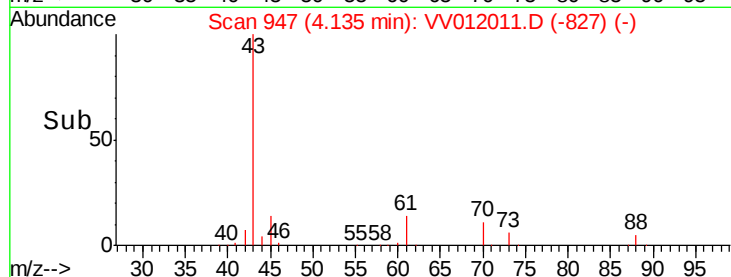
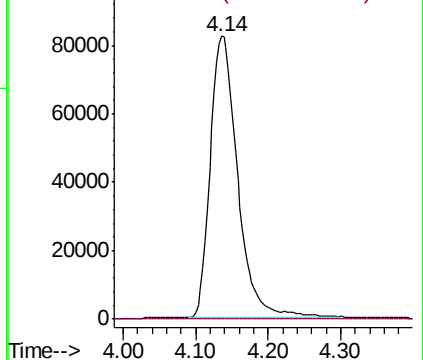
43 100

72 0.0 13.6 40.8#



Abundance Ion 43.05 (42.75 to 43.75): VV012011.D (-947) (-)

Ion 72.10 (71.80 to 72.80): VV012011.D (-947) (-)



#25

Chloroform

Concen: 0.182 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VV012011.D

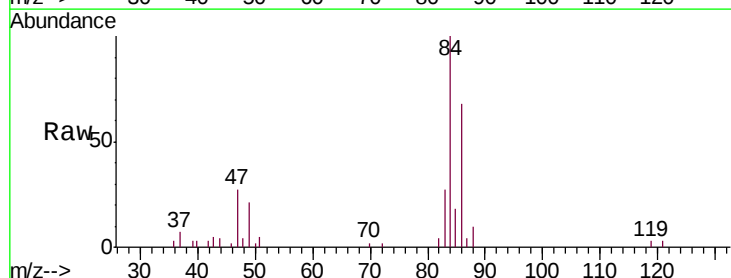
Acq: 24 Jul 2019 15:11

Tgt Ion: 83 Resp: 3763

Ion Ratio Lower Upper

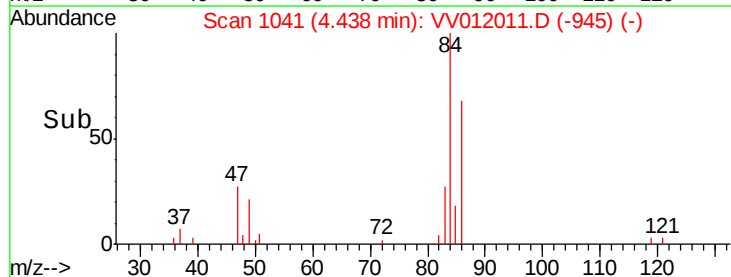
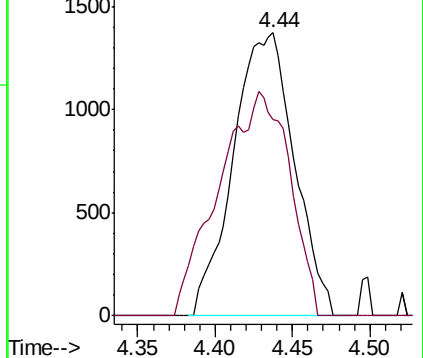
83 100

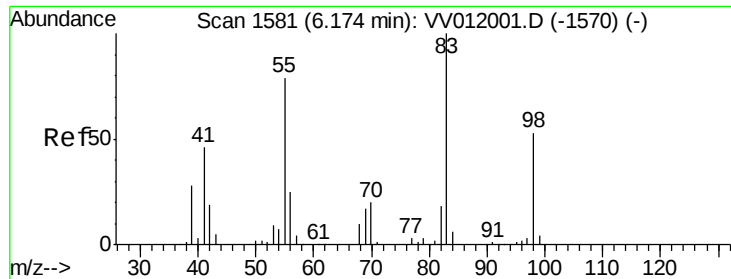
85 69.4 46.5 86.3



Abundance Ion 83.05 (82.75 to 83.75): VV012011.D (-945) (-)

Ion 85.00 (84.70 to 85.70): VV012011.D (-945) (-)

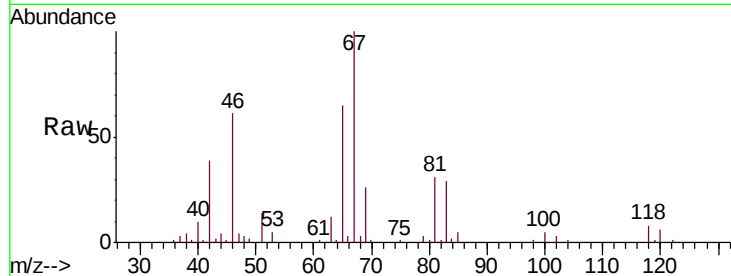




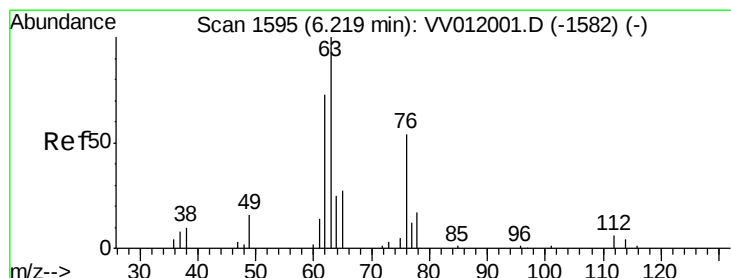
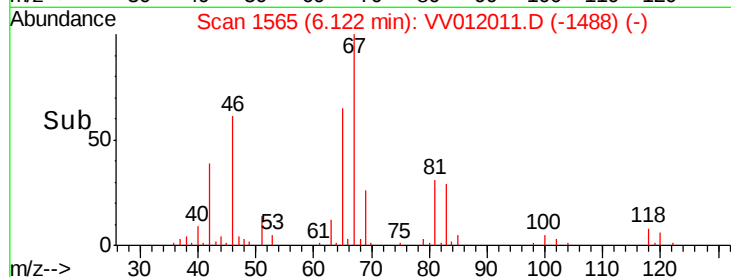
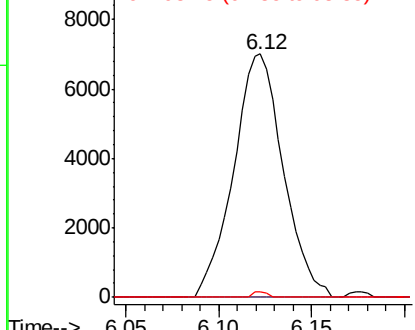
#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV012011.D
Acq: 24 Jul 2019 15:11

Instrument :
MSVOA_V
ClientSampleId :
F2A01

Tgt Ion: 83 Resp: 12998
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 0.6 41.4 62.0#

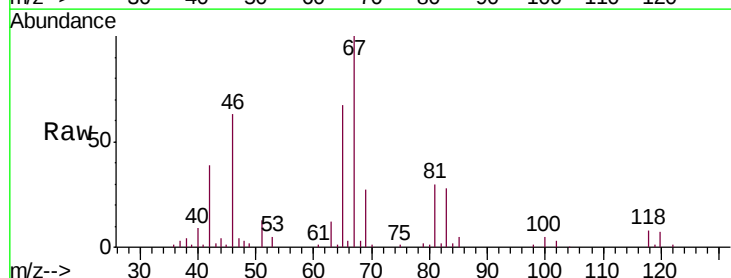


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

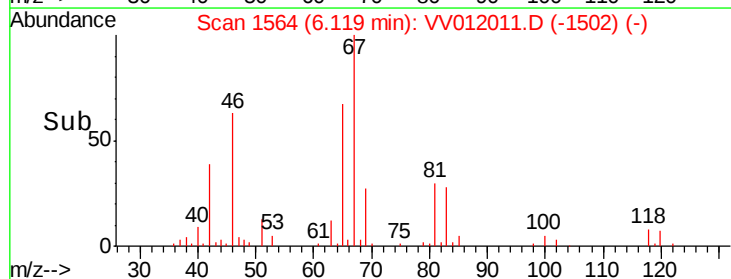
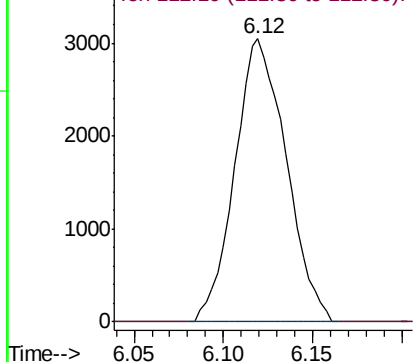


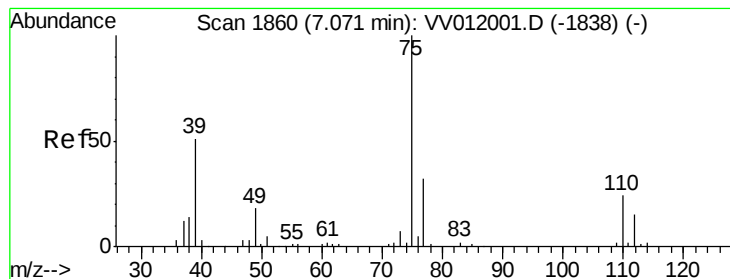
#37
1,2-Dichloropropane
Concen: 0.675 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012011.D
Acq: 24 Jul 2019 15:11

Tgt Ion: 63 Resp: 6124
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



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





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV012011.D

Acq: 24 Jul 2019 15:11

Instrument :

MSVOA_V

ClientSampleId :

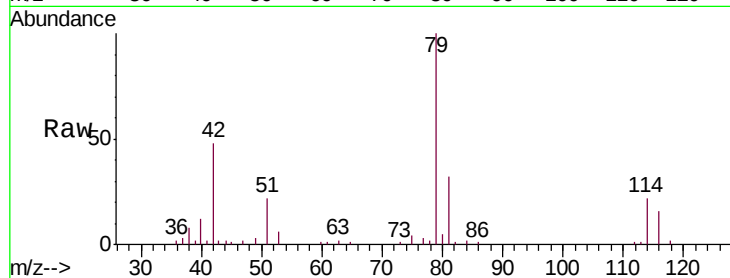
F2A01

Tgt Ion: 75 Resp: 1385

Ion Ratio Lower Upper

75 100

77 57.9 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.04

800

600

400

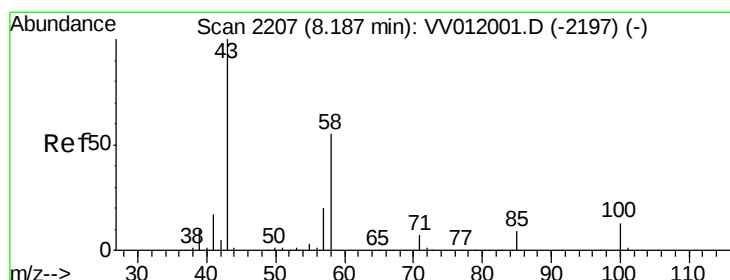
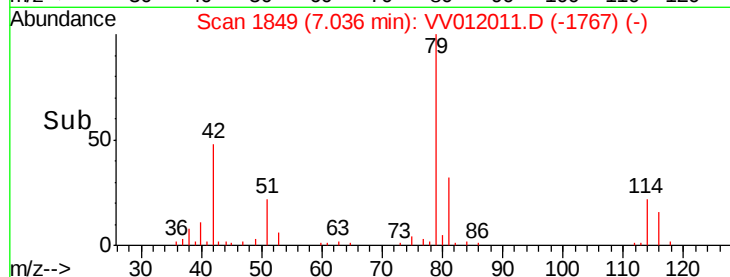
200

0

7.00

7.05

Time-->



#48

2-Hexanone

Concen: 3.109 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV012011.D

Acq: 24 Jul 2019 15:11

Tgt Ion: 43 Resp: 11047

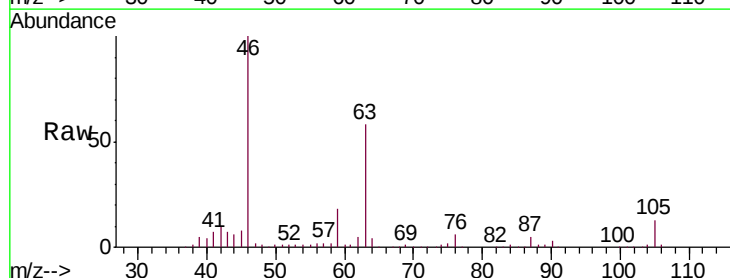
Ion Ratio Lower Upper

43 100

58 29.2 43.7 65.5#

57 29.9 16.0 24.0#

100 0.5 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

8000

6000

4000

2000

0

8.10

8.15

8.20

Time-->

