

Data File : VV011602.D
Acq On : 19 Jun 2019 04:10
Operator : SY/MD
Sample : K3386-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COM97

Quant Time: Jun 19 07:54:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	174167	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	154991	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56656	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39454	3.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.00%
7) Chloroethane-d5	1.58	69	32983	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.12	63	64211	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	3.96	46	198718	53.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	4.40	84	108861	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.08	65	68900	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.09	84	206785	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.12	67	71289	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	163006	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	7.67	79	17454	3.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.40%
46) 2-Hexanone-d5	8.14	63	144019	51.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51710	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	55946	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

						Qvalue
3) Chloromethane	1.25	50	7047	0.419	ug/L	97
12) 1,1-Dichloroethene	2.13	96	4383	0.405	ug/L #	1
13) Acetone	2.22	43	7307	2.930	ug/L	91
15) Methyl Acetate	2.42	43	14899	2.254	ug/L #	57
22) cis-1,2-Dichloroethene	3.96	96	5102	0.368	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	2385	0.124	ug/L #	71
34) Trichloroethene	5.96	95	84255	6.526	ug/L	98
35) Methylcyclohexane	6.12	83	17619	0.957	ug/L #	15
37) 1,2-Dichloropropane	6.11	63	8886	0.659	ug/L #	88

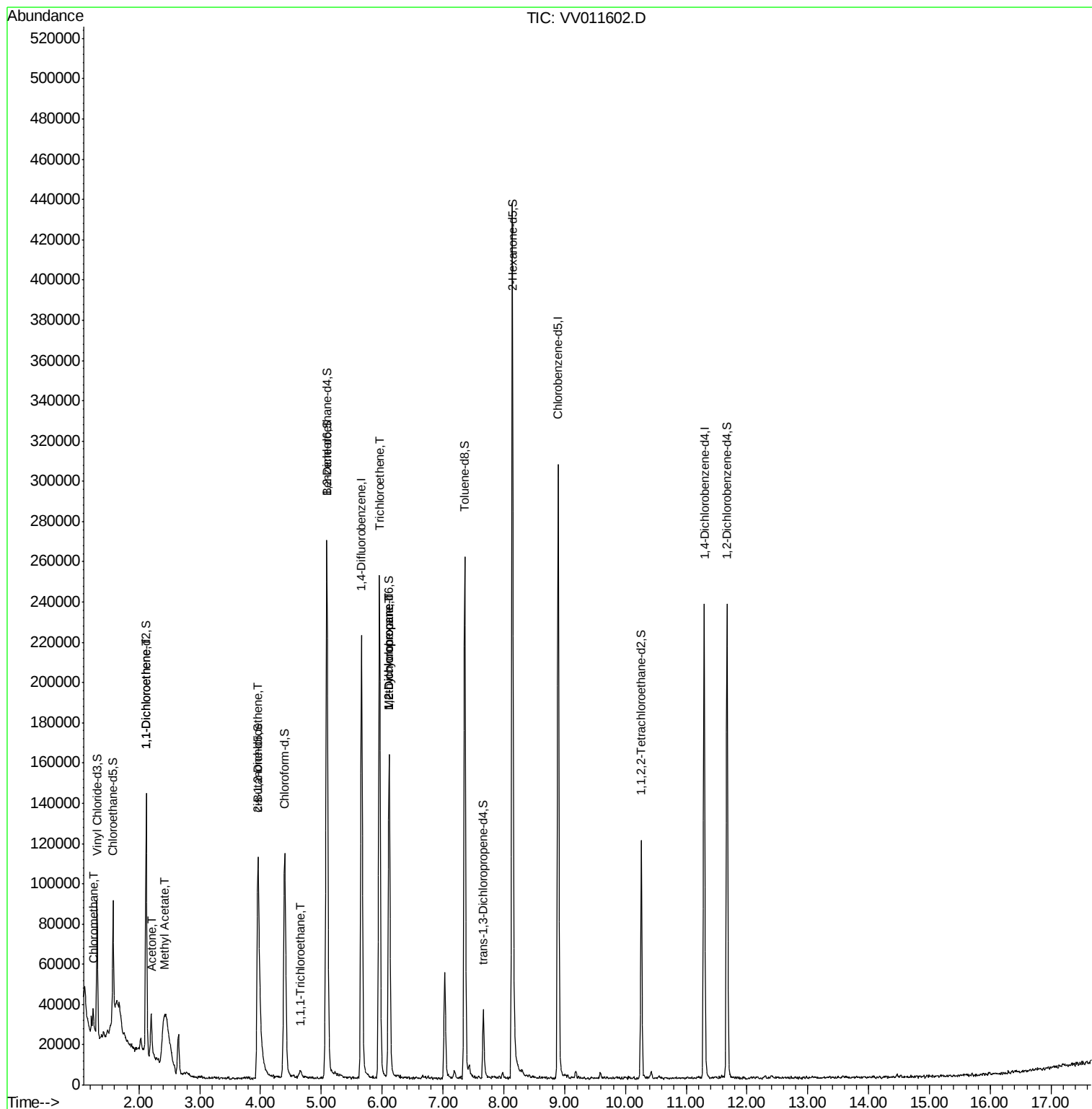
(#) = qualifier out of range (m) = manual integration (+) = signals summed

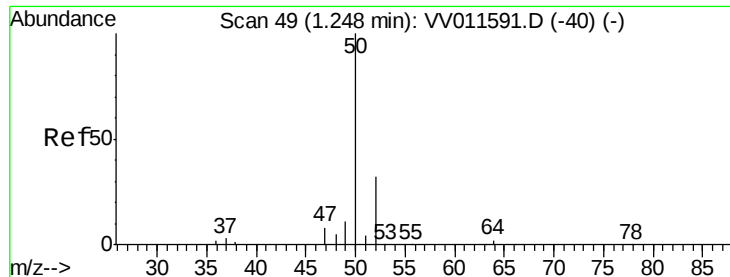
Data File : VV011602.D

```
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Instrument :
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C0M97

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#3

Chloromethane

Concen: 0.419 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011602.D

Acq: 19 Jun 2019 04:10

Instrument :

MSVOA_V

ClientSampleId :

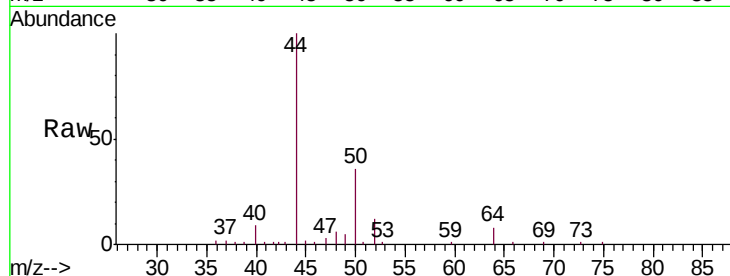
COM97

Tgt Ion: 50 Resp: 7047

Ion Ratio Lower Upper

50 100

52 33.8 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

8000

6000

4000

2000

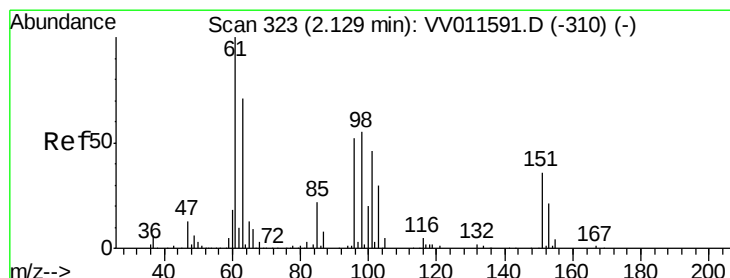
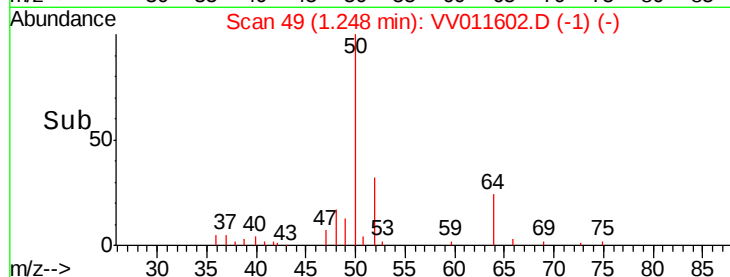
0

1.20

1.25

1.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.405 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011602.D

Acq: 19 Jun 2019 04:10

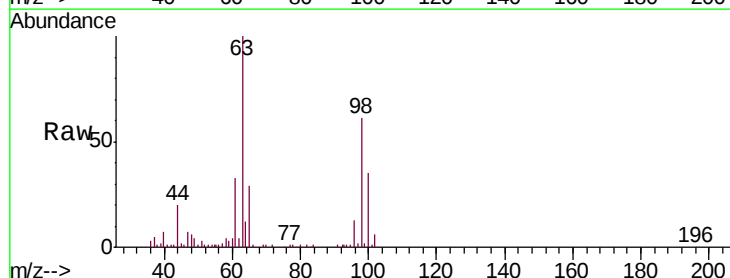
Tgt Ion: 96 Resp: 4383

Ion Ratio Lower Upper

96 100

61 254.1 135.9 252.5#

63 772.5 86.2 160.2#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

60000

50000

40000

30000

20000

10000

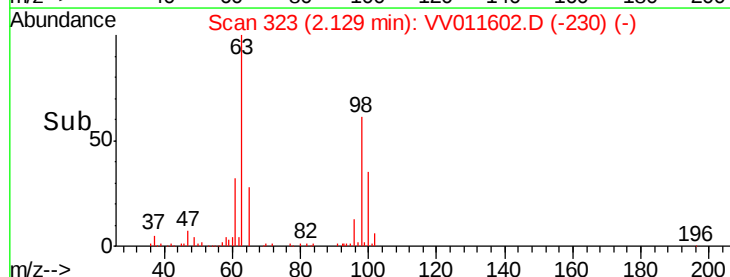
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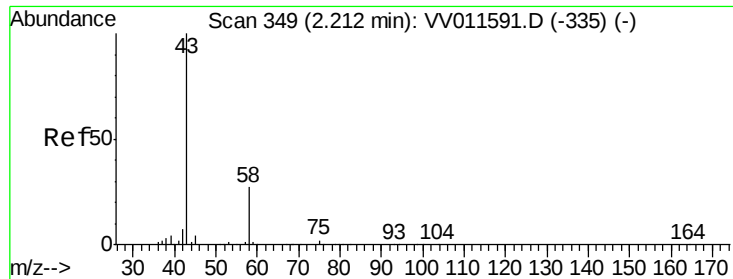
2.10

2.13

2.15

Time-->





#13

Acetone

Concen: 2.930 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV011602.D

Acq: 19 Jun 2019 04:10

Instrument :

MSVOA_V

ClientSampleId :

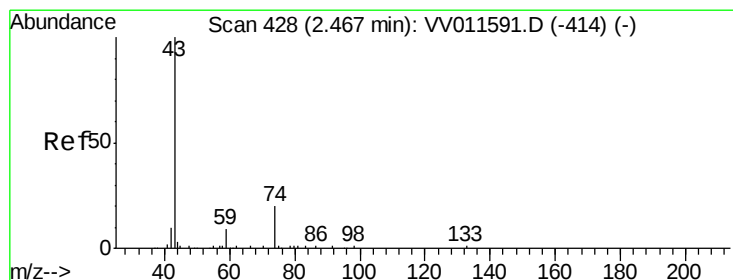
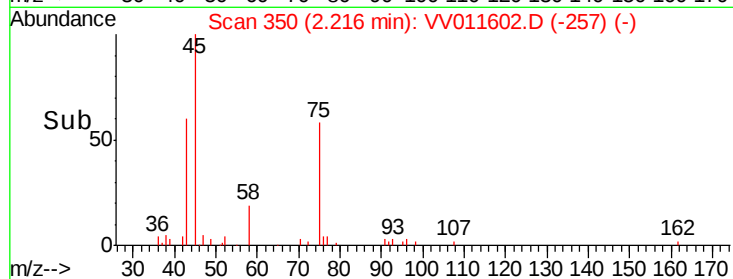
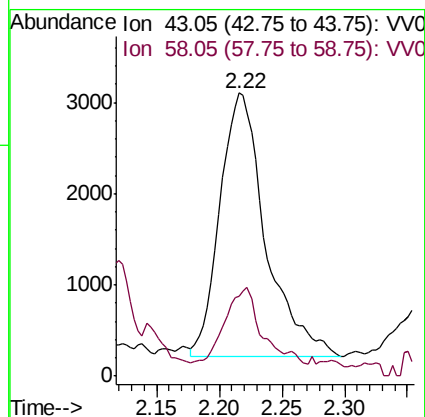
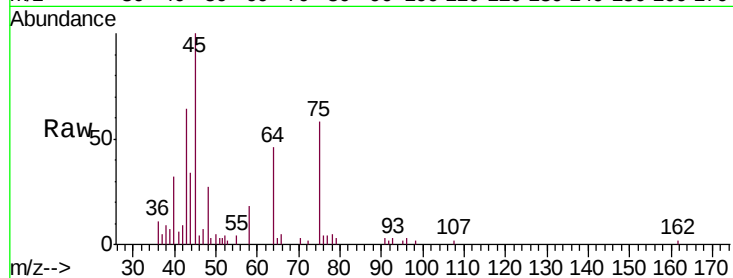
COM97

Tgt Ion: 43 Resp: 7307

Ion Ratio Lower Upper

43 100

58 24.0 0.0 57.8



#15

Methyl Acetate

Concen: 2.254 ug/L

RT: 2.42 min Scan# 414

Delta R.T. -0.04 min

Lab File: VV011602.D

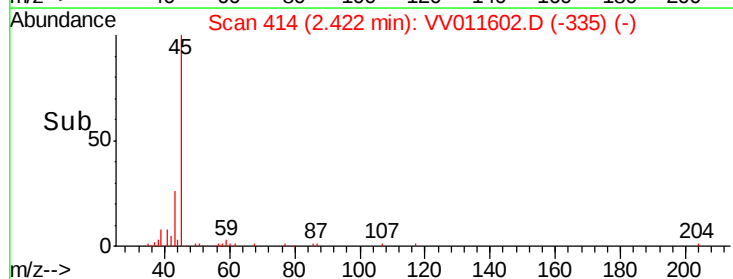
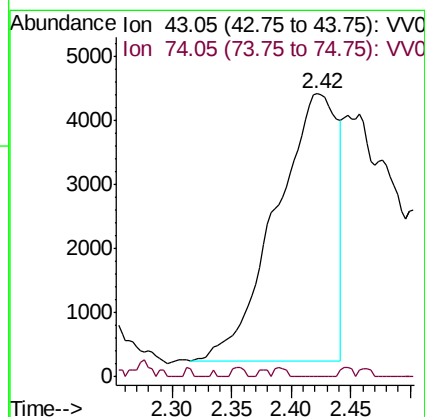
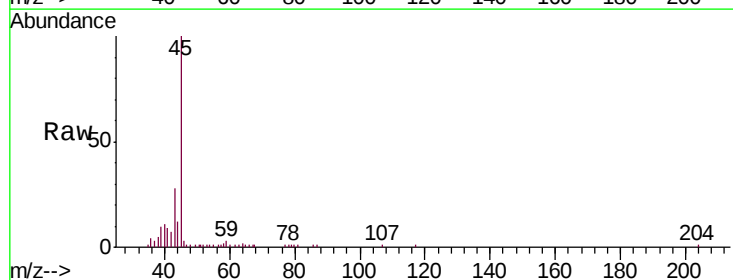
Acq: 19 Jun 2019 04:10

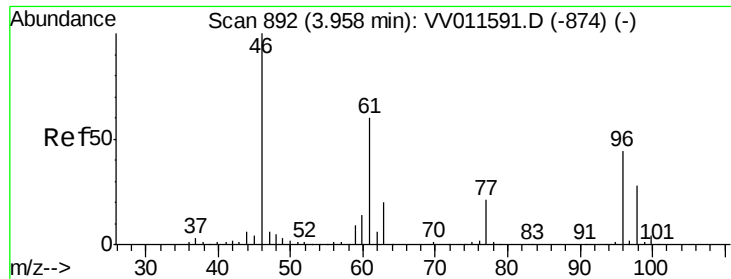
Tgt Ion: 43 Resp: 14899

Ion Ratio Lower Upper

43 100

74 0.7 16.5 24.7#



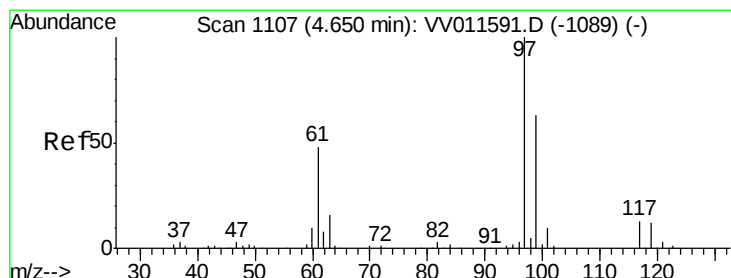
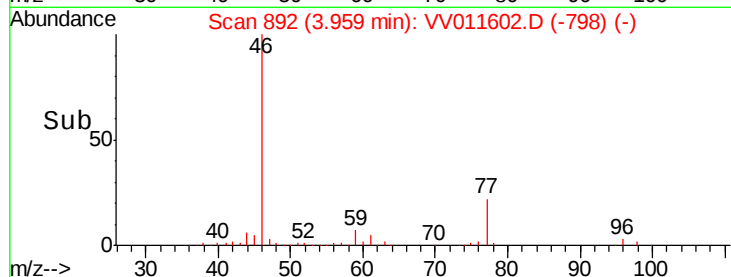
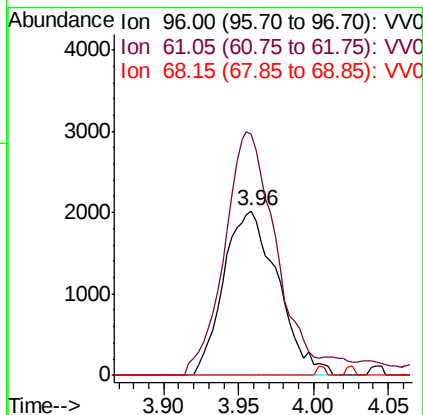
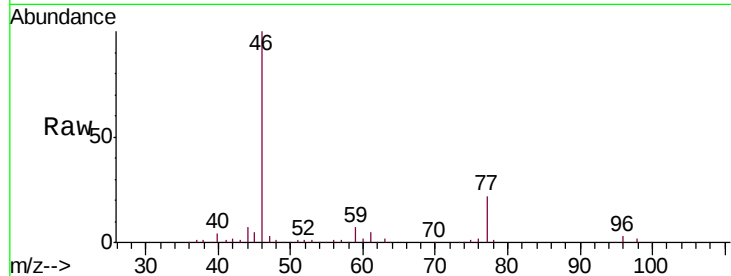


#22

cis-1,2-Dichloroethene
 Concen: 0.368 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV011602.D
 Acq: 19 Jun 2019 04:10

Instrument :
 MSVOA_V
 ClientSampleId :
 COM97

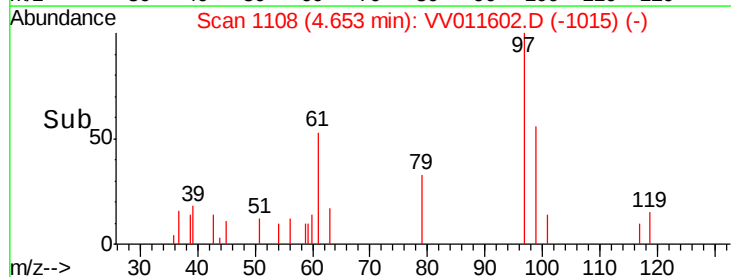
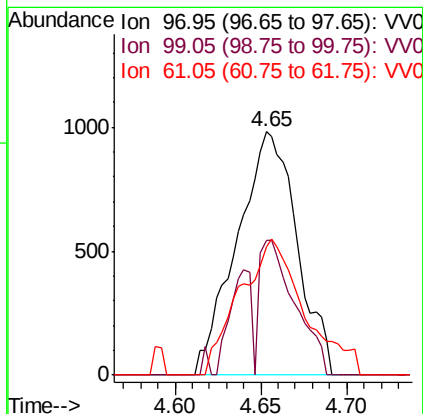
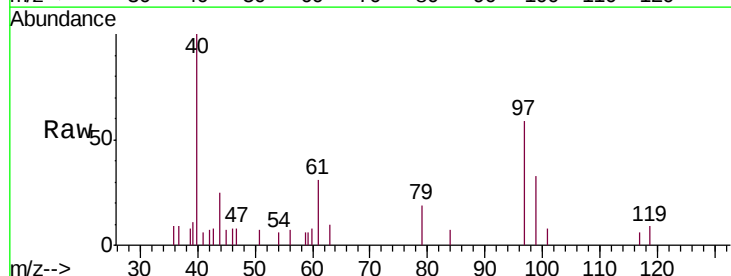
Tgt Ion: 96 Resp: 5102
 Ion Ratio Lower Upper
 96 100
 61 146.5 102.2 189.8
 68 0.0 0.0 0.0

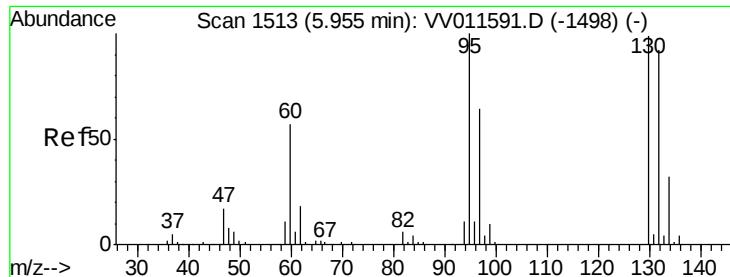


#29

1,1,1-Trichloroethane
 Concen: 0.124 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VV011602.D
 Acq: 19 Jun 2019 04:10

Tgt Ion: 97 Resp: 2385
 Ion Ratio Lower Upper
 97 100
 99 32.5 51.6 77.4#
 61 60.5 40.4 60.6





#34

Trichloroethene

Concen: 6.526 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011602.D

Acq: 19 Jun 2019 04:10

Instrument :

MSVOA_V

ClientSampleId :

COM97

Tgt Ion: 95 Resp: 84255

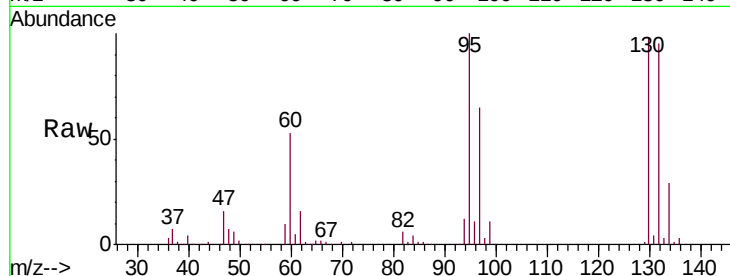
Ion Ratio Lower Upper

95 100

97 64.8 44.4 82.4

132 95.4 63.5 117.9

130 98.2 68.5 127.3

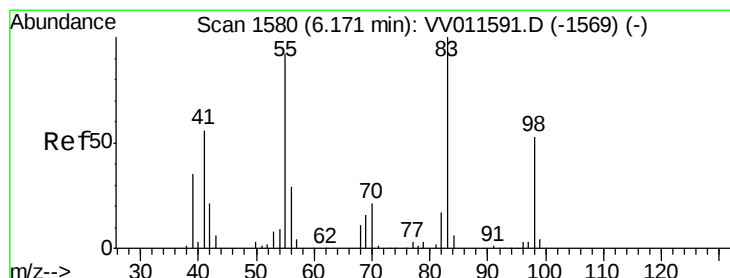
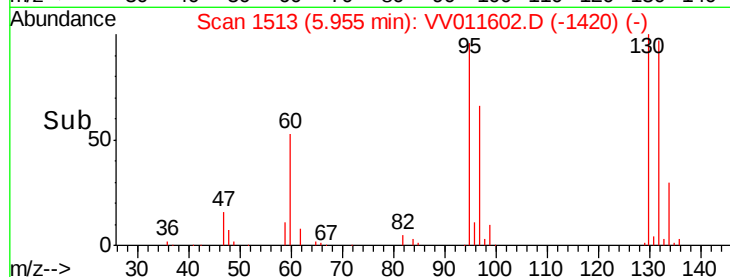
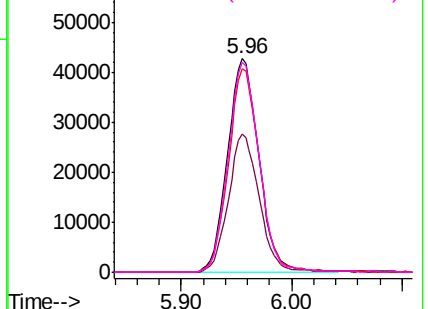


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.957 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011602.D

Acq: 19 Jun 2019 04:10

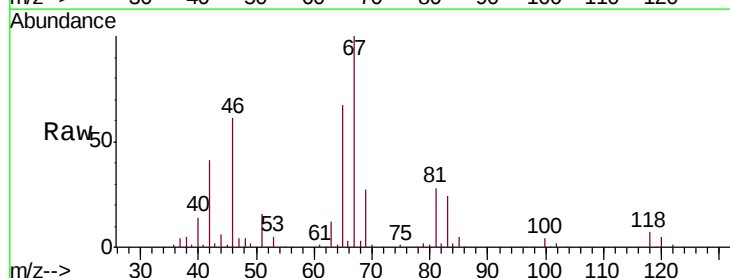
Tgt Ion: 83 Resp: 17619

Ion Ratio Lower Upper

83 100

55 0.4 67.9 101.9#

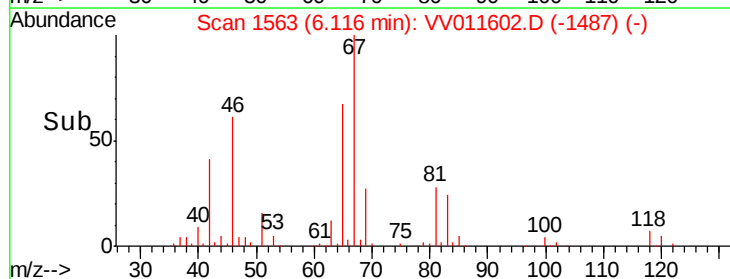
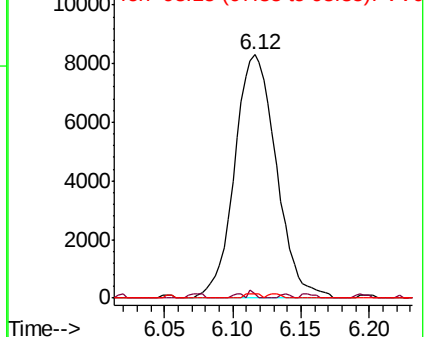
98 0.7 39.6 59.4#

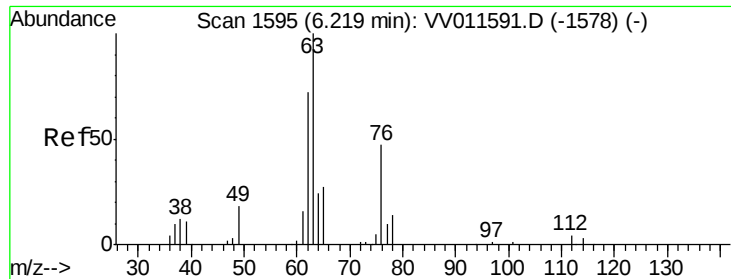


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37
 1,2-Dichloropropane
 Concen: 0.659 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011602.D
 Acq: 19 Jun 2019 04:10

Instrument :
 MSVOA_V
 ClientSampleId :
 COM97

Tgt Ion: 63 Resp: 8886
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.7 5.5#

