

Data File : VV007611.D
Acq On : 18 Sep 2018 19:39
Operator : SY/MD
Sample : J4887-14
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0KS0

Quant Time: Sep 19 01:48:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	116044	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	105436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57250	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25688	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.58	69	23313	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	45418	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.97	46	57173	74.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	149.90%#
24) Chloroform-d	4.41	84	54209	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.09	65	28599	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.10	84	109081	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.13	67	30967	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	110731	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.67	79	12432	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.15	63	26931	53.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19479	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	47014	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

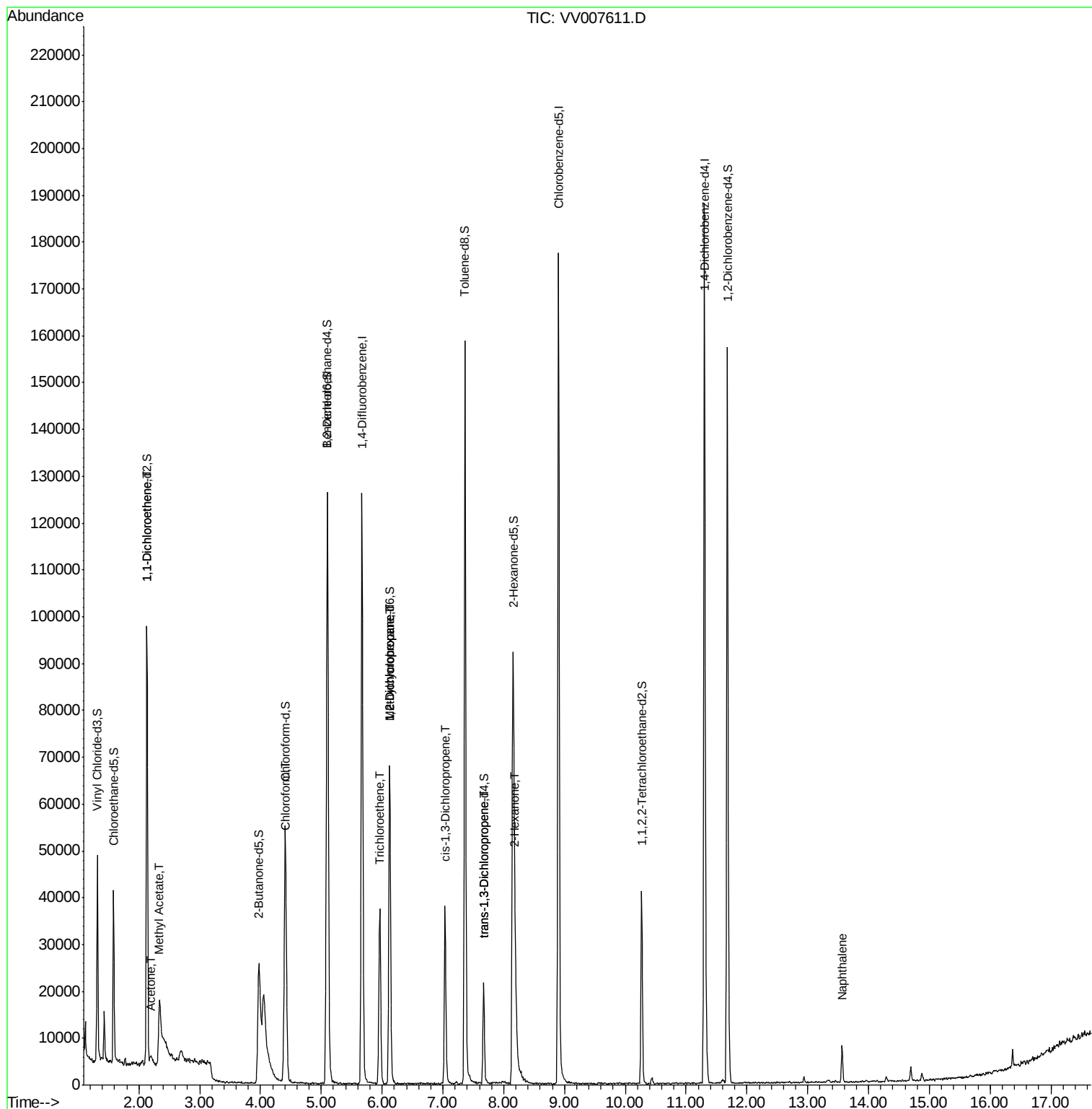
					Qvalue	
12) 1,1-Dichloroethene	2.14	96	995	0.123	ug/L #	1
13) Acetone	2.21	43	1748	2.691	ug/L	69
15) Methyl Acetate	2.34	43	4778	2.519	ug/L #	49
25) Chloroform	4.43	83	2858	0.214	ug/L	86
34) Trichloroethene	5.96	95	11047	1.230	ug/L	99
35) Methylcyclohexane	6.12	83	8267	0.634	ug/L #	36
37) 1,2-Dichloropropane	6.13	63	3939	0.641	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1134	0.112	ug/L #	78
44) trans-1,3-Dichloropropene	7.67	75	761	0.094	ug/L	87
48) 2-Hexanone	8.19	43	8788	3.169	ug/L #	47
69) Naphthalene	13.57	128	7172	0.582	ug/L	98

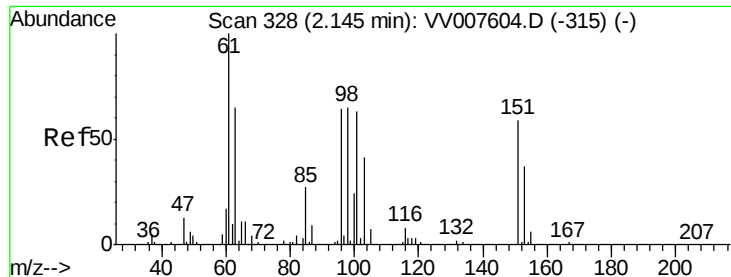
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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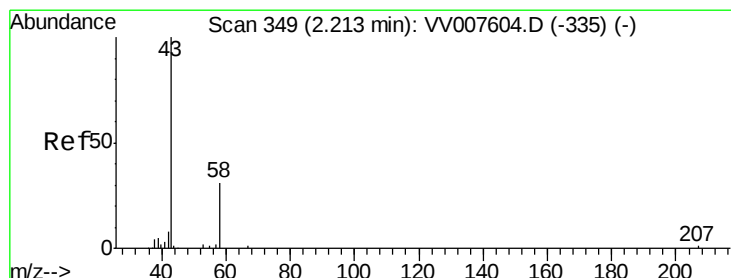
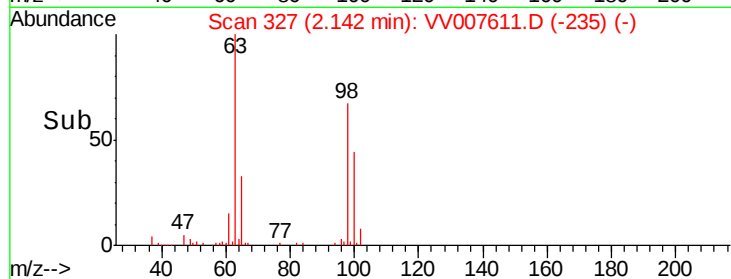
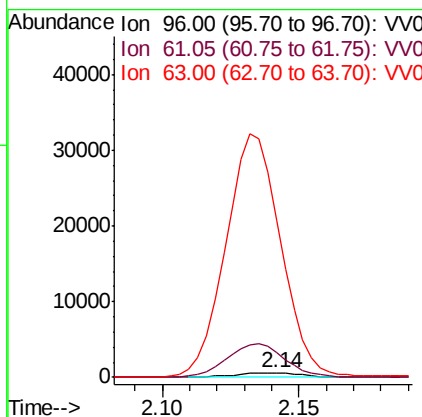
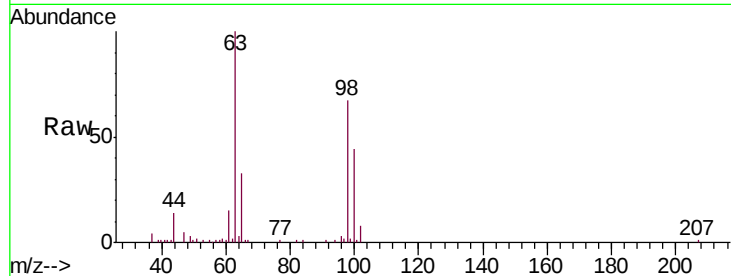




#12
 1,1-Dichloroethene
 Concen: 0.123 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VV007611.D
 Acq: 18 Sep 2018 19:39

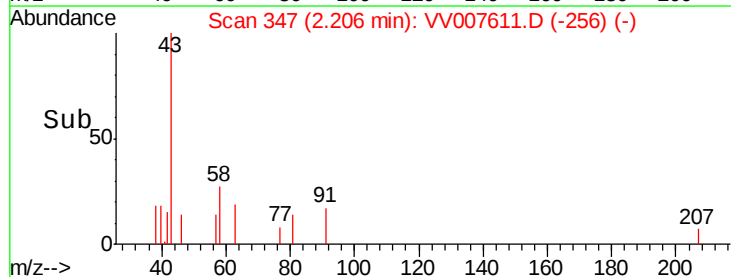
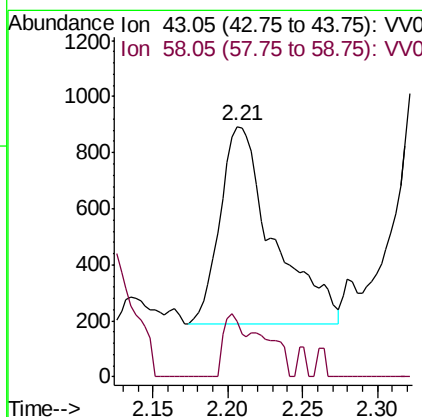
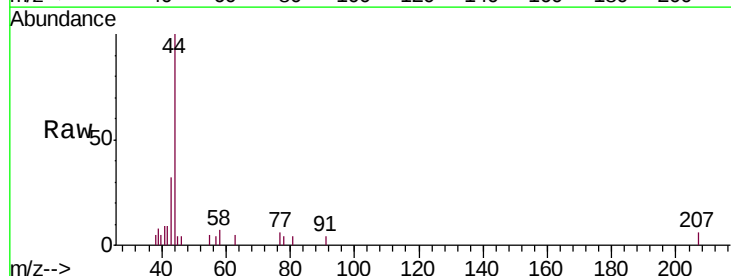
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KS0

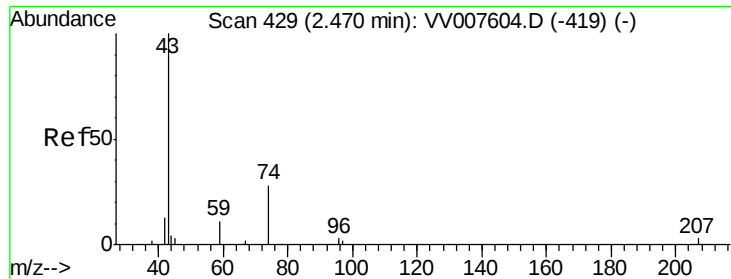
Tgt Ion: 96 Resp: 995
 Ion Ratio Lower Upper
 96 100
 61 536.0 108.1 200.9#
 63 3467.6 76.9 142.9#



#13
 Acetone
 Concen: 2.691 ug/L
 RT: 2.21 min Scan# 347
 Delta R.T. -0.01 min
 Lab File: VV007611.D
 Acq: 18 Sep 2018 19:39

Tgt Ion: 43 Resp: 1748
 Ion Ratio Lower Upper
 43 100
 58 12.0 0.0 57.2

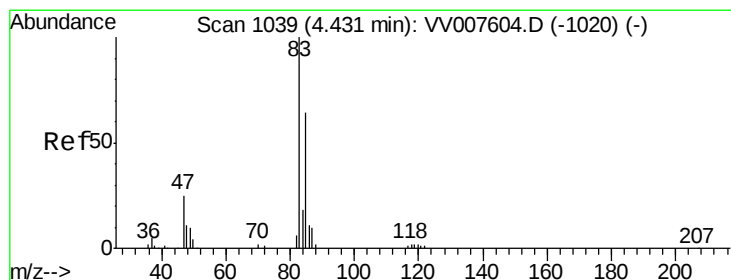
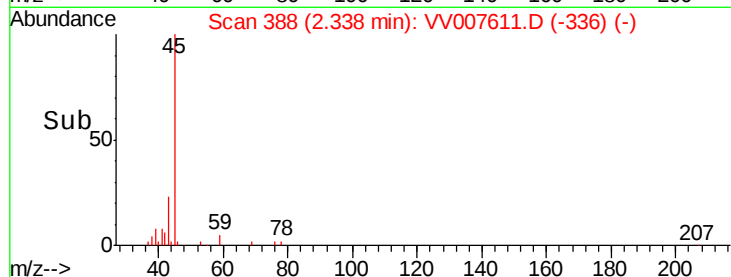
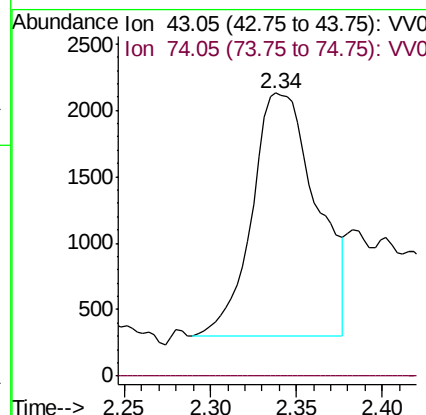
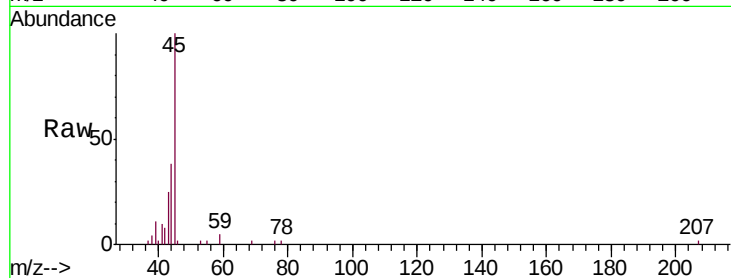




#15
Methyl Acetate
Concen: 2.519 ug/L
RT: 2.34 min Scan# 388
Delta R.T. -0.13 min
Lab File: VV007611.D
Acq: 18 Sep 2018 19:39

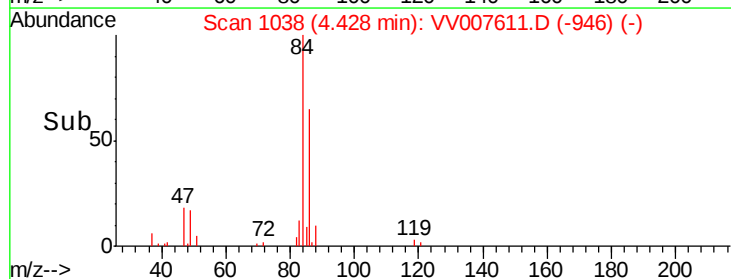
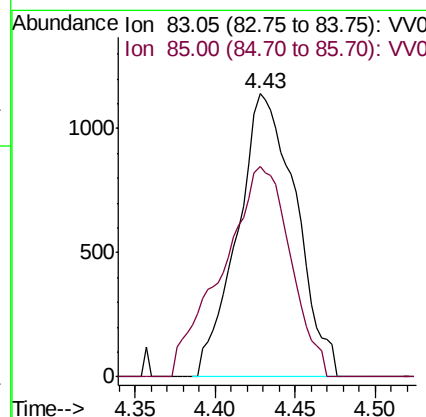
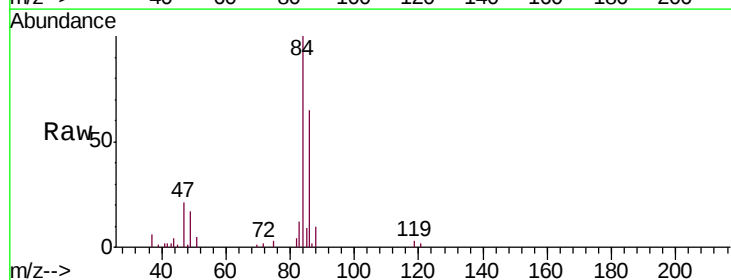
Instrument :
MSVOA_V
ClientSampleId :
C0KS0

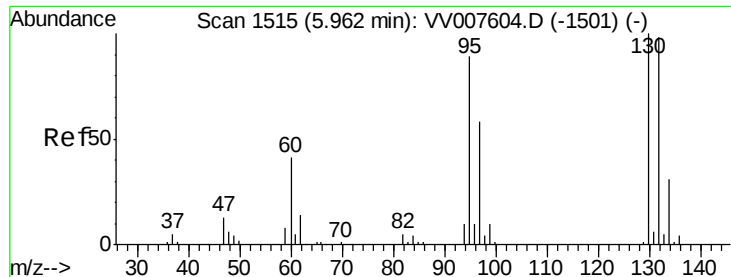
Tgt Ion: 43 Resp: 4778
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#25
Chloroform
Concen: 0.214 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV007611.D
Acq: 18 Sep 2018 19:39

Tgt Ion: 83 Resp: 2858
Ion Ratio Lower Upper
83 100
85 74.6 44.5 82.7





#34

Trichloroethene

Concen: 1.230 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007611.D

Acq: 18 Sep 2018 19:39

Instrument :

MSVOA_V

ClientSampleId :

C0KS0

Tgt Ion: 95 Resp: 11047

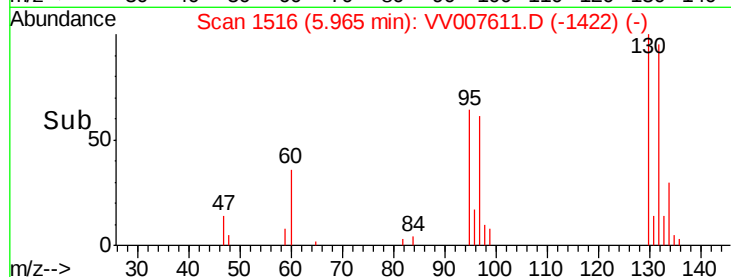
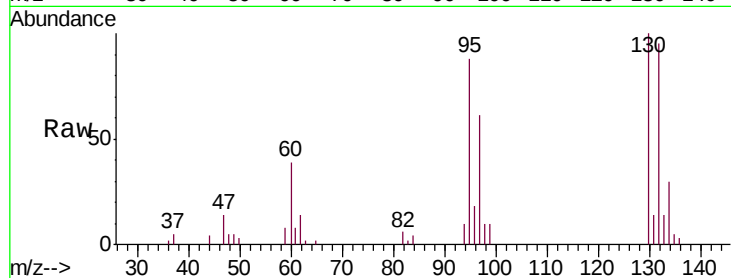
Ion Ratio Lower Upper

95 100

97 69.7 46.5 86.5

132 107.5 75.5 140.3

130 113.6 78.8 146.4

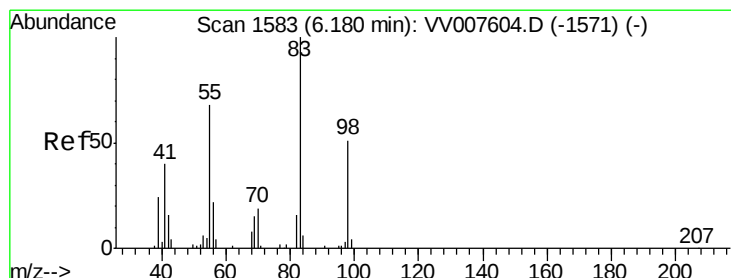
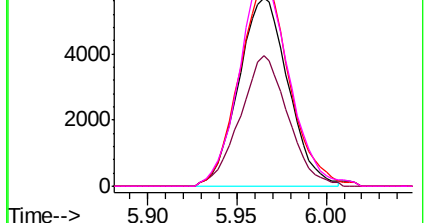


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.634 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.06 min

Lab File: VV007611.D

Acq: 18 Sep 2018 19:39

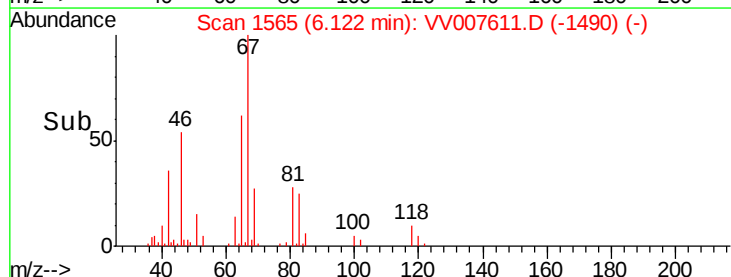
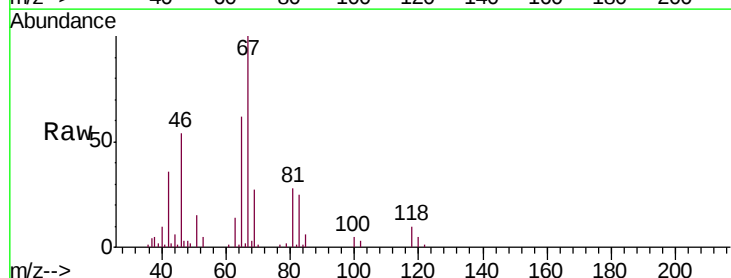
Tgt Ion: 83 Resp: 8267

Ion Ratio Lower Upper

83 100

55 0.3 54.6 82.0#

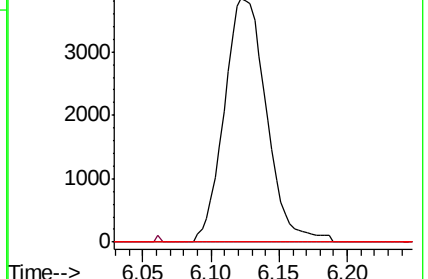
98 24.0 39.8 59.6#

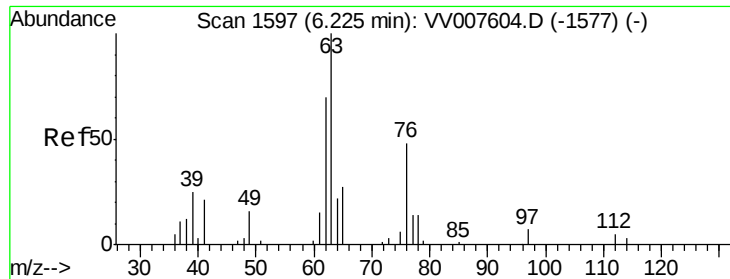


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.641 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007611.D

Acq: 18 Sep 2018 19:39

Instrument :

MSVOA_V

ClientSampleId :

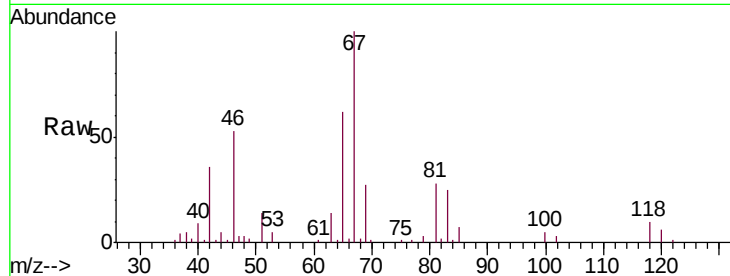
C0KS0

Tgt Ion: 63 Resp: 3939

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV007604.D (-1577) (-)

Ion 112.10 (111.80 to 112.80): VV007604.D (-1577) (-)

6.13

2500

2000

1500

1000

500

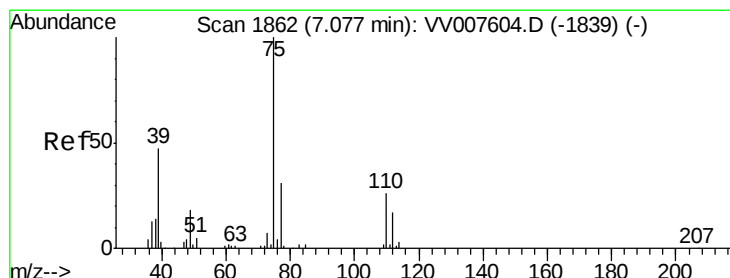
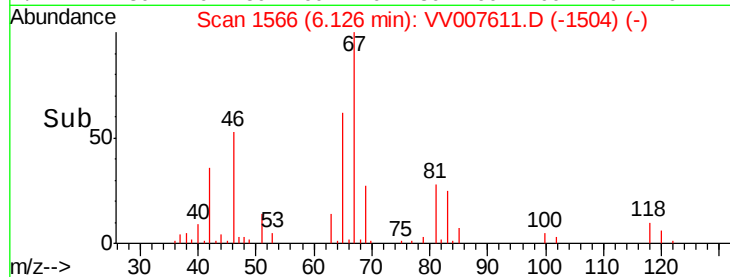
0

6.05

6.10

6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007611.D

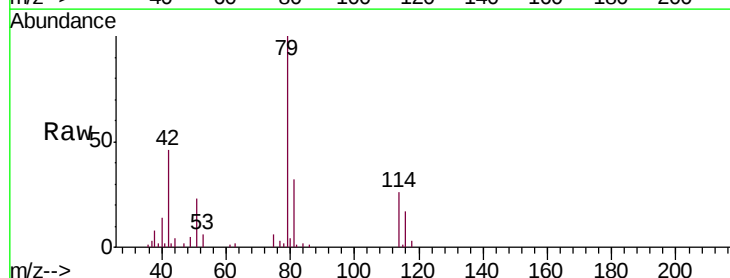
Acq: 18 Sep 2018 19:39

Tgt Ion: 75 Resp: 1134

Ion Ratio Lower Upper

75 100

77 45.1 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV007604.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV007604.D (-1839) (-)

7.04

600

400

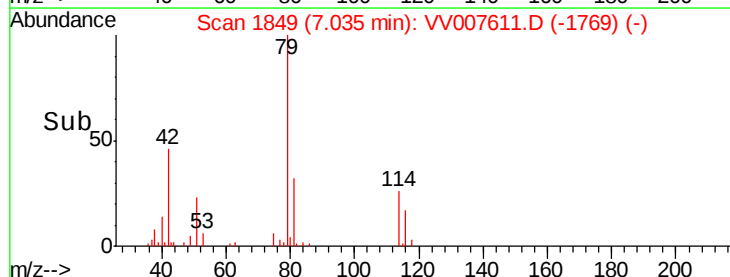
200

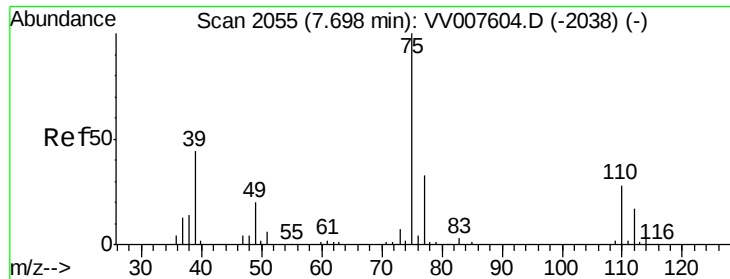
0

7.00

7.05

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV007611.D

Acq: 18 Sep 2018 19:39

Instrument :

MSVOA_V

ClientSampleId :

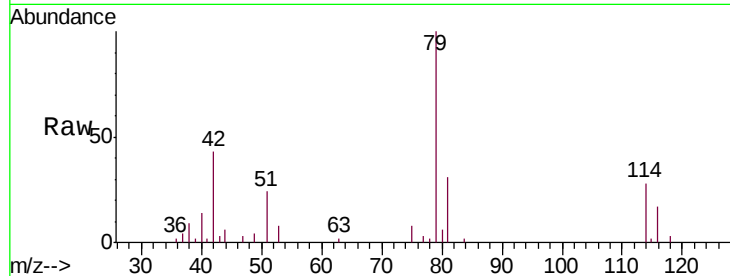
C0KS0

Tgt Ion: 75 Resp: 761

Ion Ratio Lower Upper

75 100

77 37.6 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VV007604.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV007604.D (-2038) (-)

7.67

600

500

400

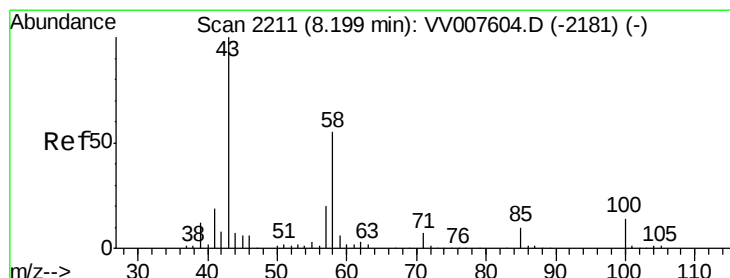
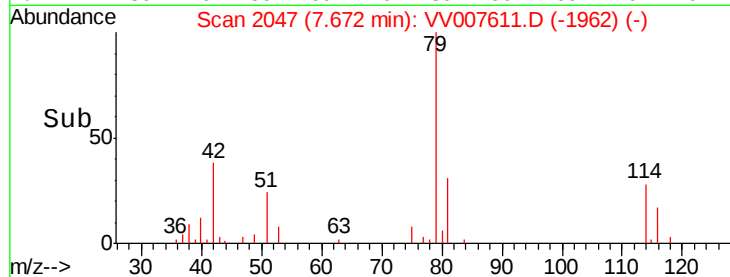
300

200

100

0

Time-->



#48

2-Hexanone

Concen: 3.169 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VV007611.D

Acq: 18 Sep 2018 19:39

Tgt Ion: 43 Resp: 8788

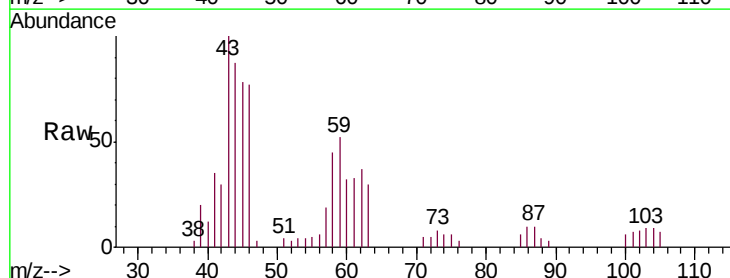
Ion Ratio Lower Upper

43 100

58 0.0 45.5 68.3#

57 17.0 16.3 24.5

100 5.4 10.7 16.1#



Abundance Ion 43.05 (42.75 to 43.75): VV007604.D (-2181) (-)

Ion 58.05 (57.75 to 58.75): VV007604.D (-2181) (-)

Ion 57.20 (56.90 to 57.90): VV007604.D (-2181) (-)

Ion 100.15 (99.85 to 100.85): VV007604.D (-2181) (-)

5000

4000

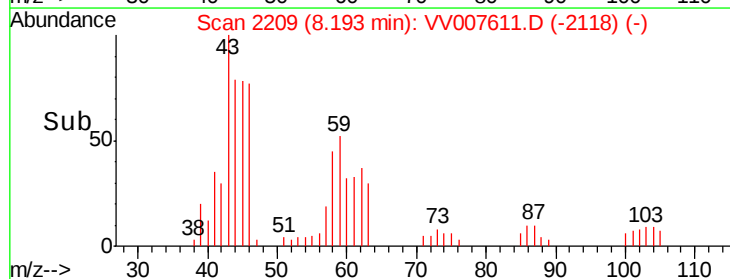
3000

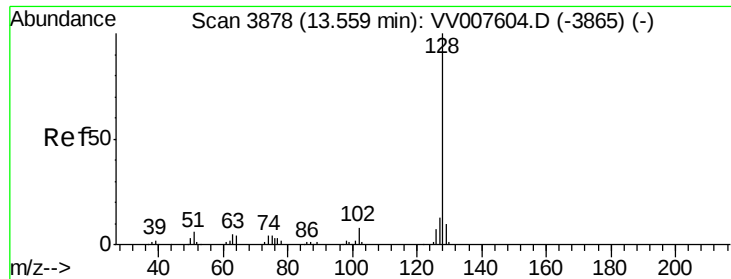
2000

1000

0

Time-->





#69

Naphthalene

Concen: 0.582 ug/L

RT: 13.57 min Scan# 3880

Delta R.T. 0.01 min

Lab File: VV007611.D

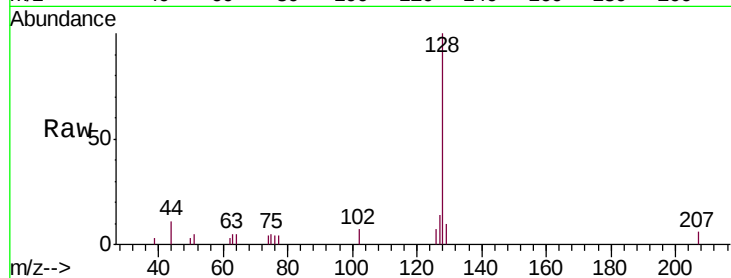
Acq: 18 Sep 2018 19:39

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Tgt Ion:128 Resp: 7172

Ion Ratio Lower Upper

128 100

129 9.7 8.6 12.8

127 13.6 10.4 15.6

