

Data File : VV008113.D
Acq On : 05 Oct 2018 22:15
Operator : SY/MD
Sample : J5278-08
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEYE5

Quant Time: Oct 06 02:15:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 06 01:03:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	107153	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104364	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26084	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.59	69	23694	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.14	63	41062	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.96	46	70027	44.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.50%
24) Chloroform-d	4.41	84	56627	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.09	65	29056	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
32) Benzene-d6	5.10	84	110267	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.12	67	35103	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.36	98	98659	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	7.67	79	11513	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.14	63	47314	40.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23800	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	39721	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

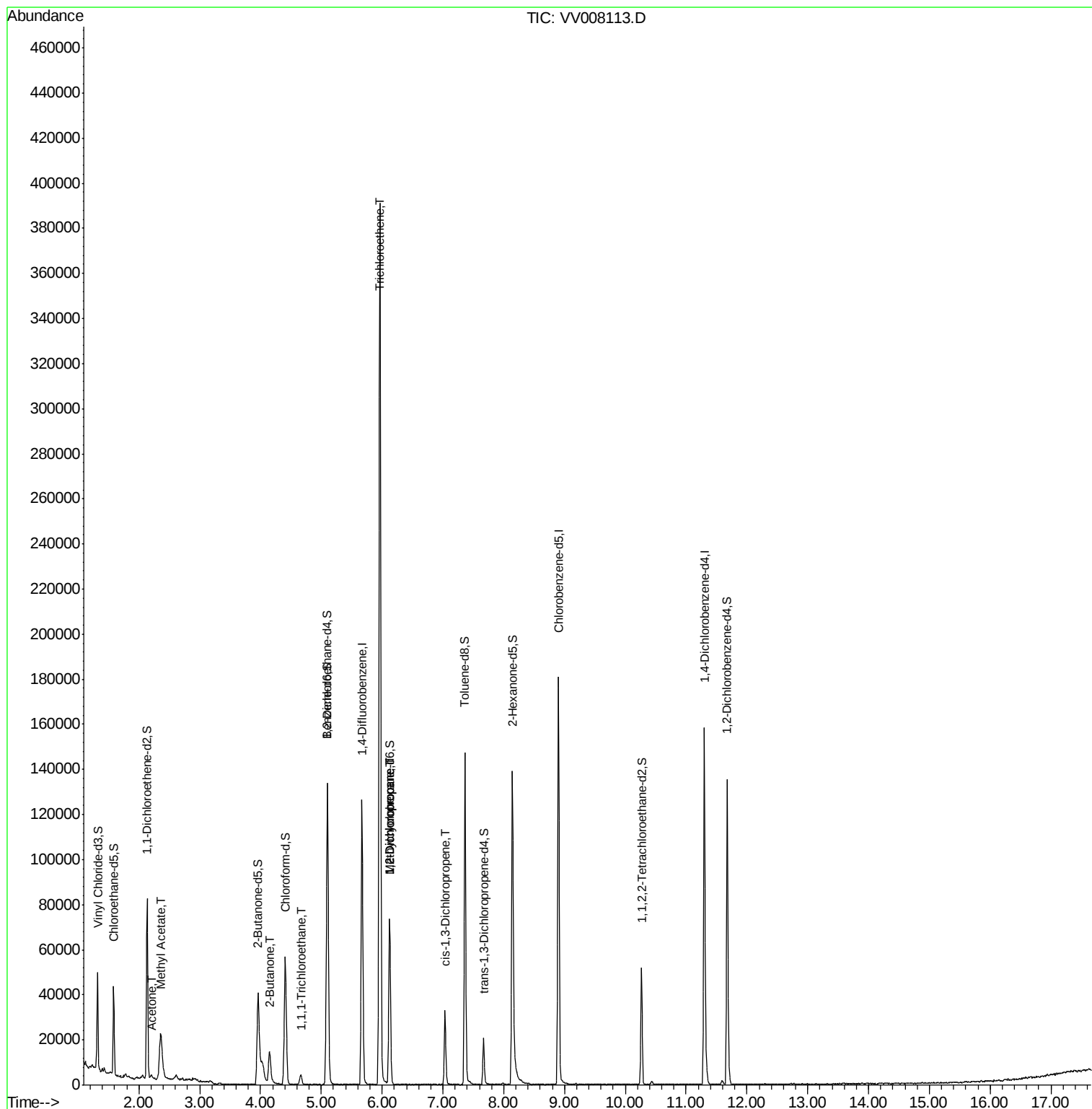
					Qvalue
13) Acetone	2.21	43	1872	1.746 ug/L	94
15) Methyl Acetate	2.36	43	9314	3.659 ug/L #	53
21) 2-Butanone	4.15	43	24154	13.965 ug/L #	50
29) 1,1,1-Trichloroethane	4.66	97	1915	0.165 ug/L #	24
34) Trichloroethene	5.96	95	130386	16.967 ug/L	99
35) Methylcyclohexane	6.12	83	8398	0.782 ug/L #	17
37) 1,2-Dichloropropane	6.13	63	3813	0.537 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	785	0.086 ug/L #	49

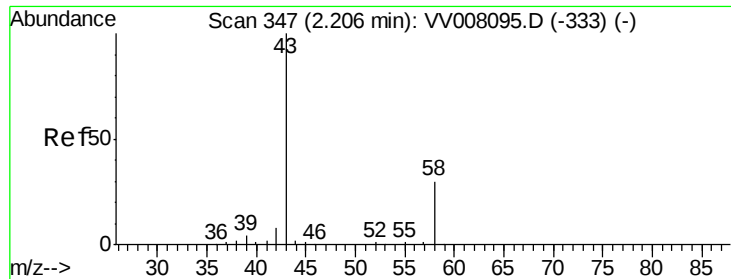
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.746 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV008113.D

Acq: 05 Oct 2018 22:15

Instrument :

MSVOA_V

ClientSampleId :

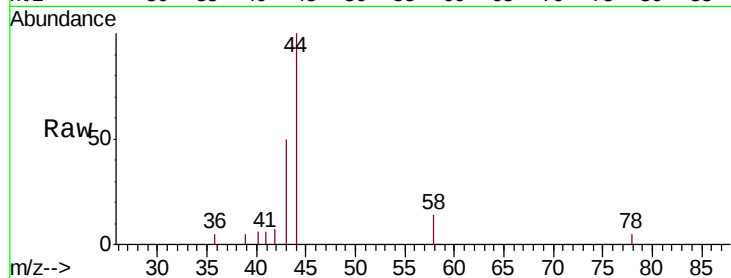
BEYE5

Tgt Ion: 43 Resp: 1872

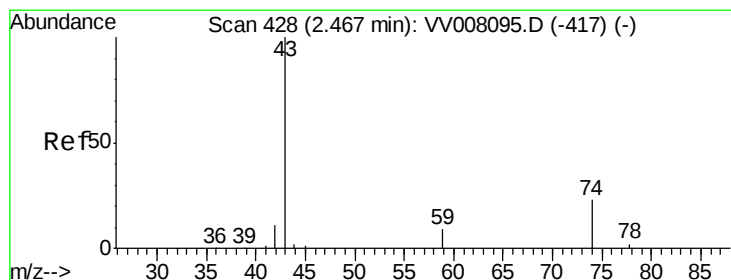
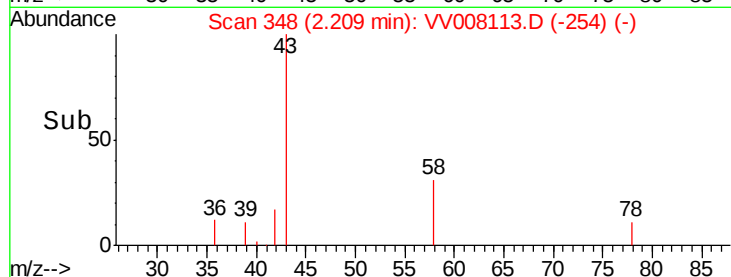
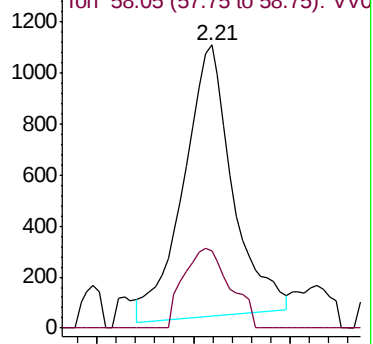
Ion Ratio Lower Upper

43 100

58 28.0 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008113.D (-254) (-)



#15

Methyl Acetate

Concen: 3.659 ug/L

RT: 2.36 min Scan# 395

Delta R.T. -0.11 min

Lab File: VV008113.D

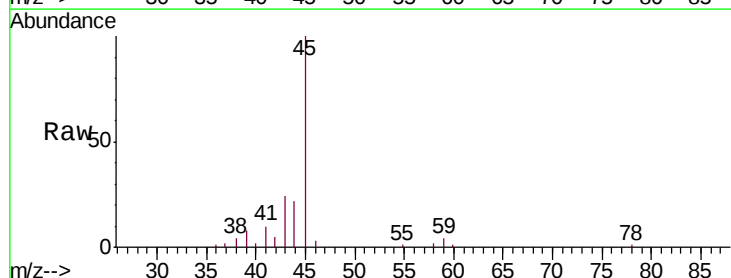
Acq: 05 Oct 2018 22:15

Tgt Ion: 43 Resp: 9314

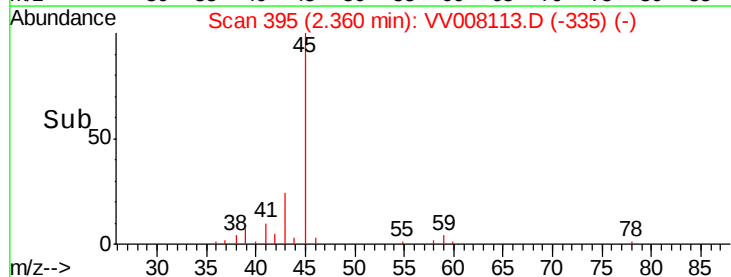
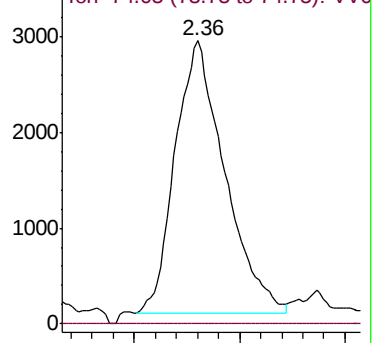
Ion Ratio Lower Upper

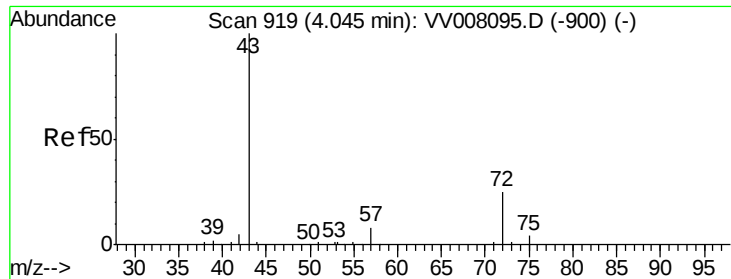
43 100

74 0.0 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV008113.D (-335) (-)





#21

2-Butanone

Concen: 13.965 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV008113.D

Acq: 05 Oct 2018 22:15

Instrument :

MSVOA_V

ClientSampleId :

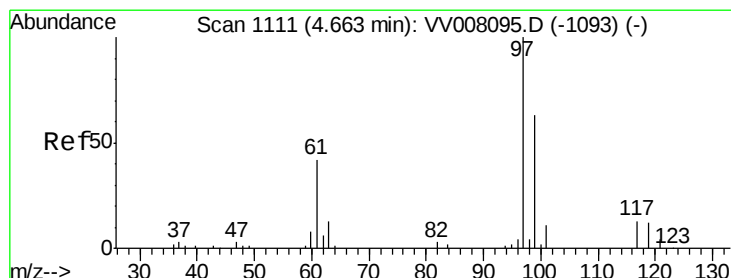
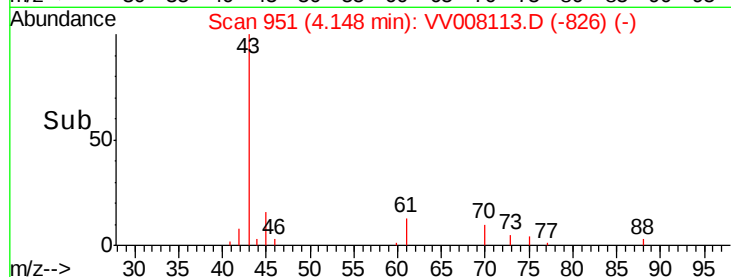
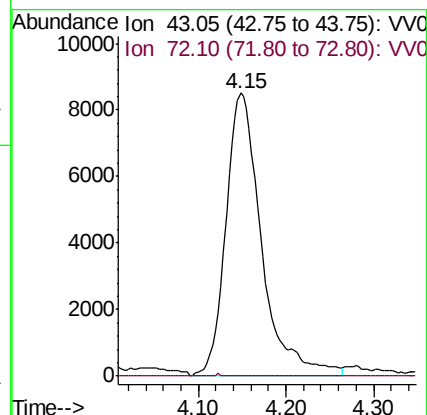
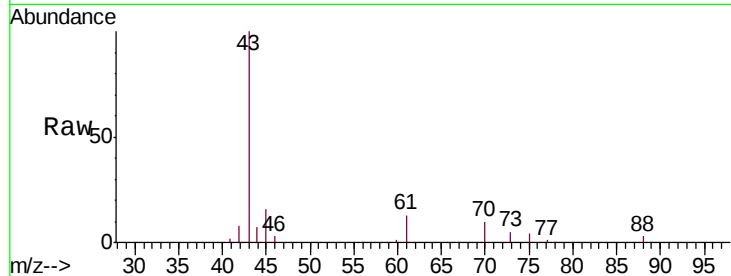
BEYE5

Tgt Ion: 43 Resp: 24154

Ion Ratio Lower Upper

43 100

72 0.1 12.9 38.6#



#29

1,1,1-Trichloroethane

Concen: 0.165 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV008113.D

Acq: 05 Oct 2018 22:15

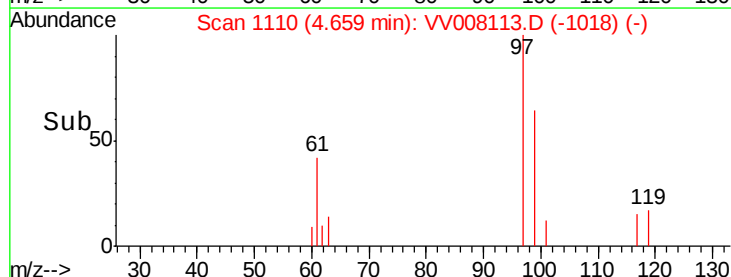
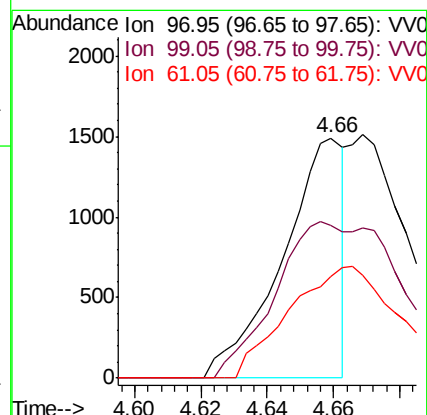
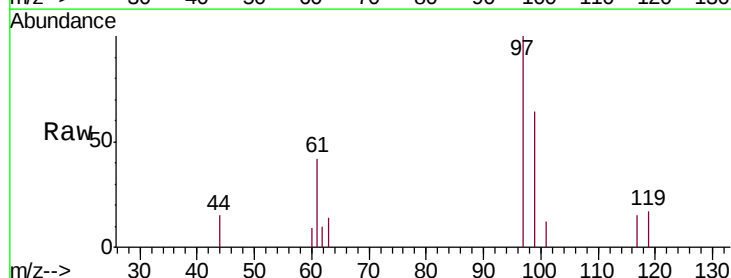
Tgt Ion: 97 Resp: 1915

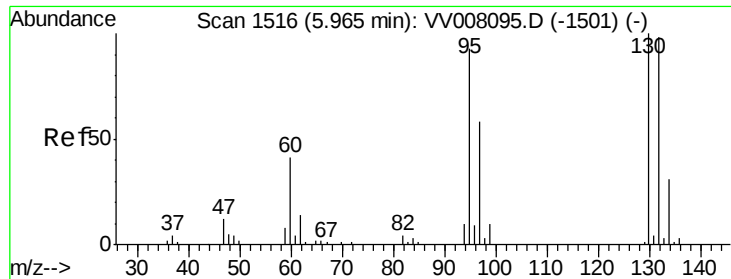
Ion Ratio Lower Upper

97 100

99 131.5 51.0 76.4#

61 80.9 34.0 51.0#

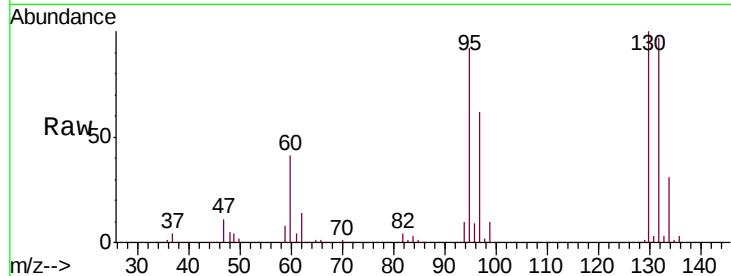




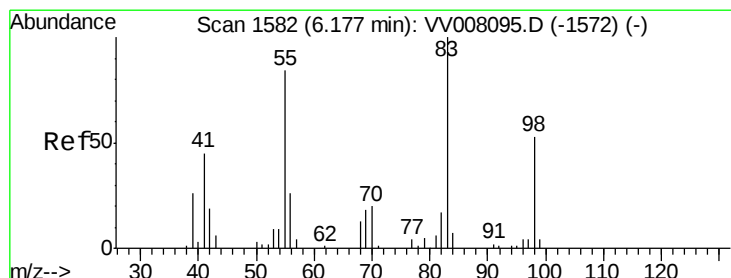
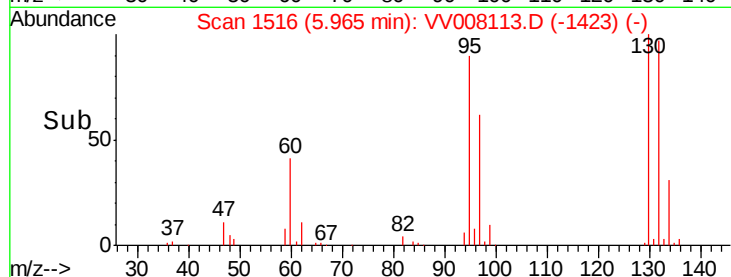
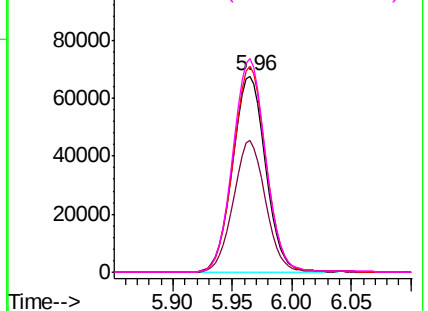
#34
 Trichloroethene
 Concen: 16.967 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: VV008113.D
 Acq: 05 Oct 2018 22:15

Instrument :
 MSVOA_V
 ClientSampled :
 BEYE5

Tgt Ion: 95 Resp: 130386
 Ion Ratio Lower Upper
 95 100
 97 67.1 44.9 83.5
 132 105.2 73.6 136.6
 130 108.9 76.2 141.6

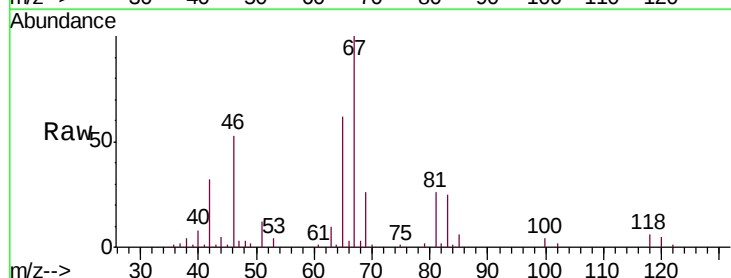


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

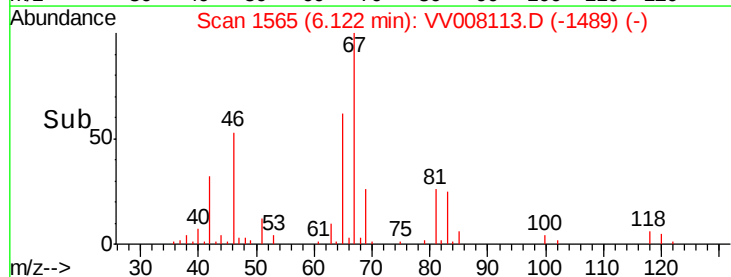
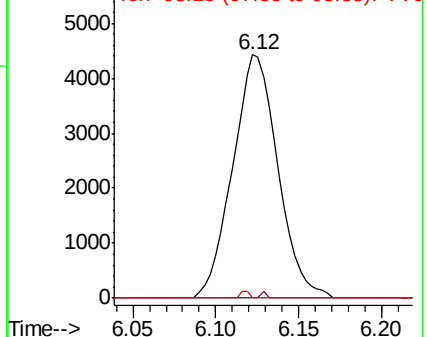


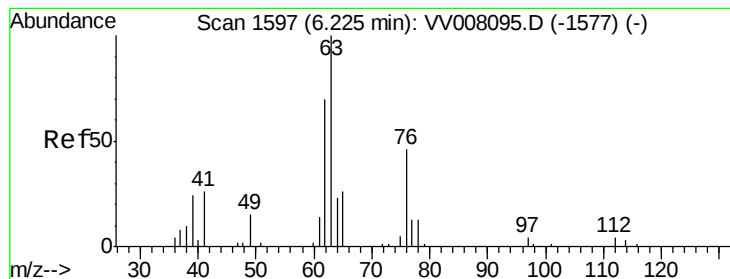
#35
 Methylcyclohexane
 Concen: 0.782 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: VV008113.D
 Acq: 05 Oct 2018 22:15

Tgt Ion: 83 Resp: 8398
 Ion Ratio Lower Upper
 83 100
 55 0.3 63.6 95.4#
 98 0.0 38.3 57.5#



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: 0.537 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008113.D

Acq: 05 Oct 2018 22:15

Instrument :

MSVOA_V

ClientSampleId :

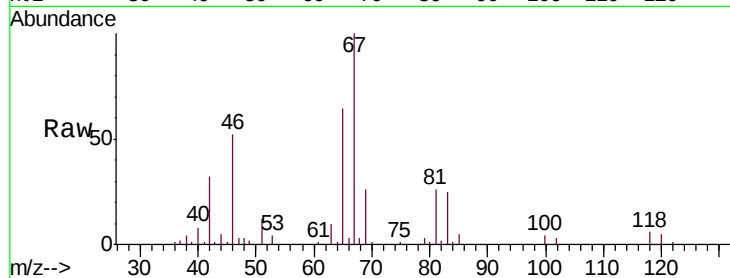
BEYE5

Tgt Ion: 63 Resp: 3813

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008113.D (-1566) (-)

Ion 112.10 (111.80 to 112.80): VV008113.D (-1566) (-)

6.13

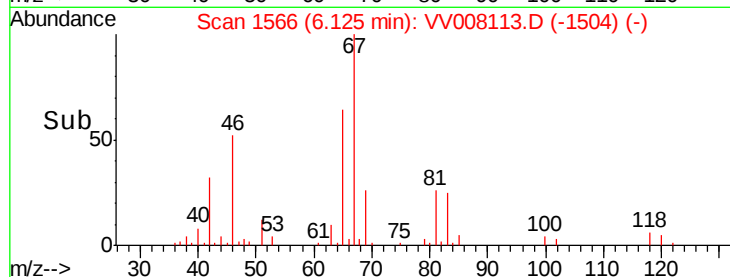
1500

1000

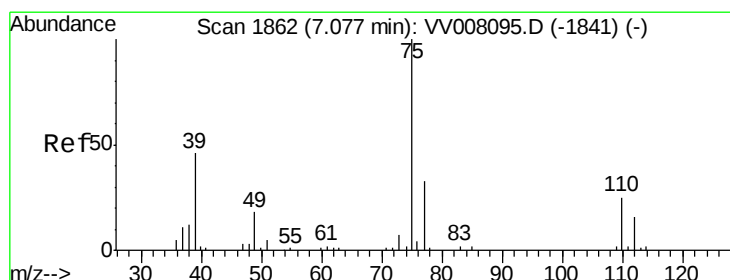
500

0

6.05 6.10 6.15



Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV008113.D

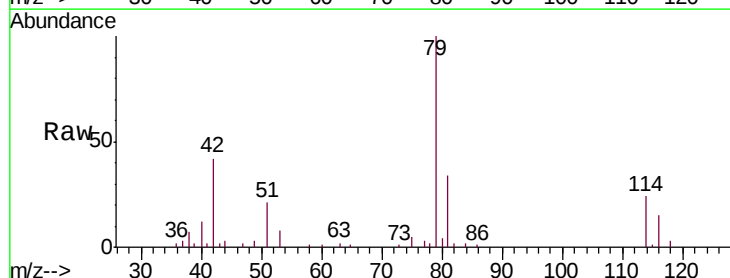
Acq: 05 Oct 2018 22:15

Tgt Ion: 75 Resp: 785

Ion Ratio Lower Upper

75 100

77 59.8 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008113.D (-1850) (-)

Ion 77.05 (76.75 to 77.75): VV008113.D (-1850) (-)

7.04

500

400

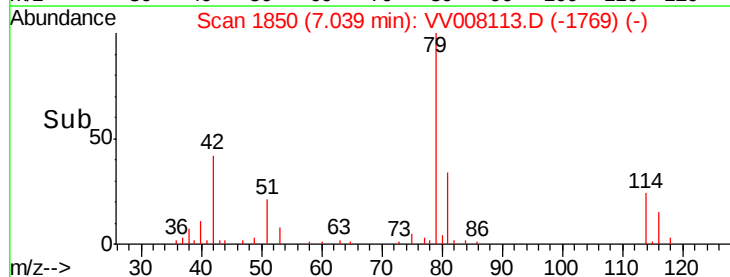
300

200

100

0

7.00 7.05



Time-->