

Data File : VV008104.D
Acq On : 05 Oct 2018 18:09
Operator : SY/MD
Sample : J5246-16DL 100X
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0J84DL

Quant Time: Oct 06 01:05:35 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	99649	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94020	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43186	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27158	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.59	69	23305	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.14	63	41569	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.96	46	72226	49.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.16%
24) Chloroform-d	4.41	84	57145	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.09	65	29807	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.10	84	111832	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	35134	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	100328	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.67	79	11764	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	47814	45.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23950	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	40606	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

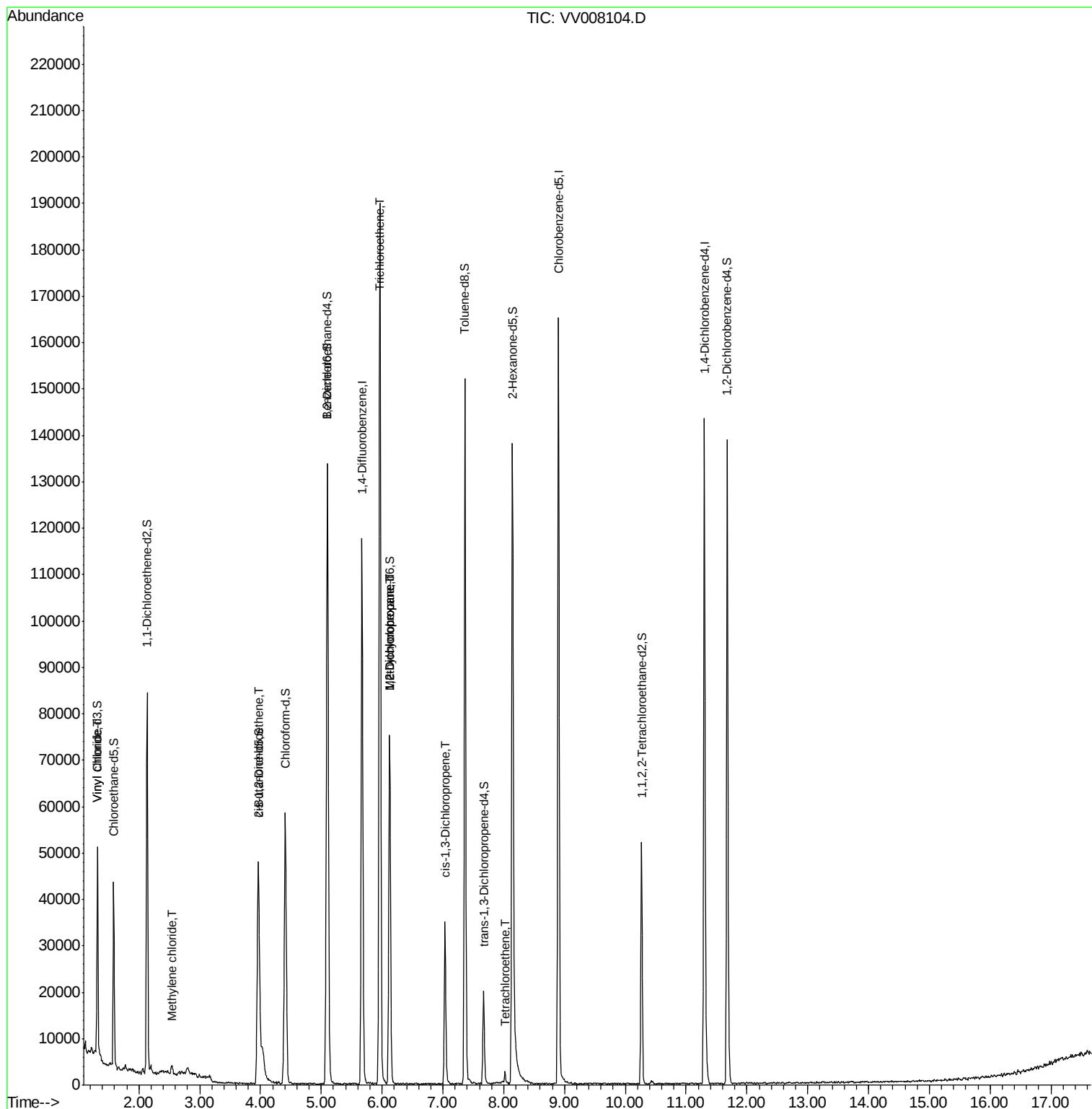
					Qvalue	
5) Vinyl chloride	1.32	62	570	0.090	ug/L #	1
16) Methylene chloride	2.54	84	832	0.127	ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	4311	0.649	ug/L	99
34) Trichloroethene	5.96	95	63186	9.127	ug/L	98
35) Methylcyclohexane	6.13	83	8417	0.870	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	4191	0.655	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	879	0.107	ug/L #	38
47) Tetrachloroethene	8.02	164	680	0.110	ug/L	80

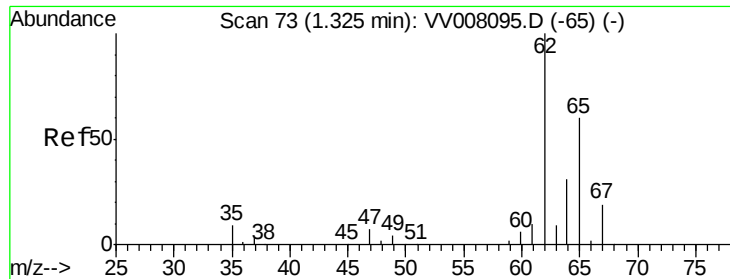
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.090 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV008104.D

Acq: 05 Oct 2018 18:09

Instrument :

MSVOA_V

ClientSampleId :

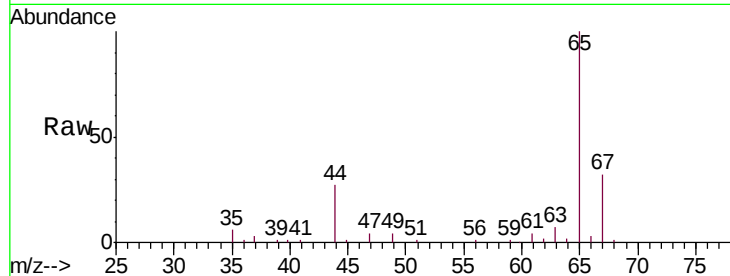
C0J84DL

Tgt Ion: 62 Resp: 570

Ion Ratio Lower Upper

62 100

64 99.0 23.4 43.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

600

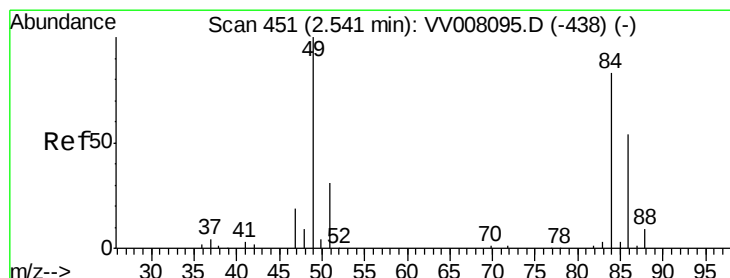
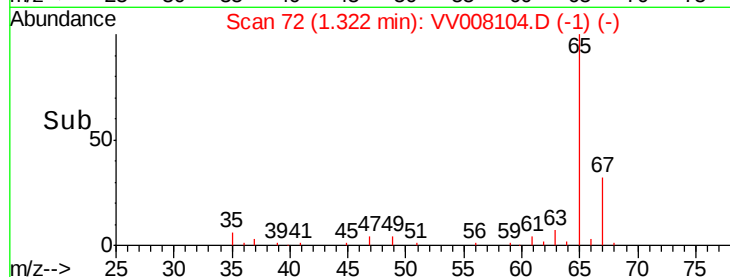
400

200

0

1.30 1.32 1.34

Time-->



#16

Methylene chloride

Concen: 0.127 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008104.D

Acq: 05 Oct 2018 18:09

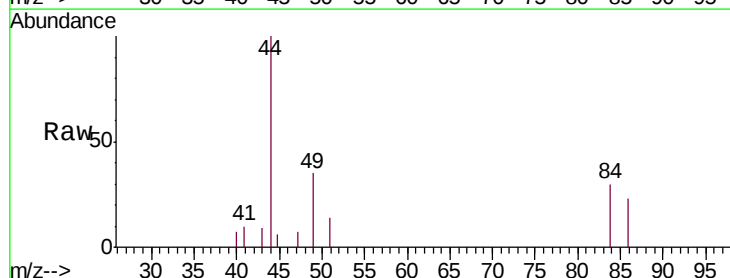
Tgt Ion: 84 Resp: 832

Ion Ratio Lower Upper

84 100

86 75.7 45.3 84.1

49 114.6 83.0 154.1



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

800

600

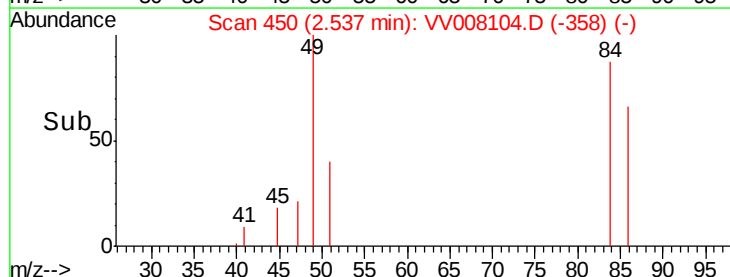
400

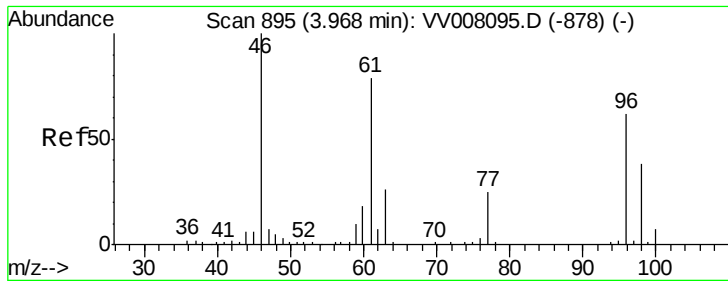
200

0

2.50 2.54 2.58

Time-->



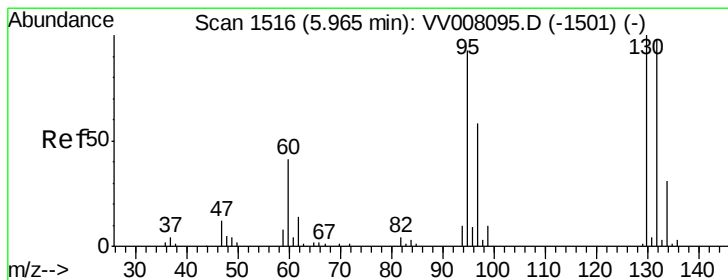
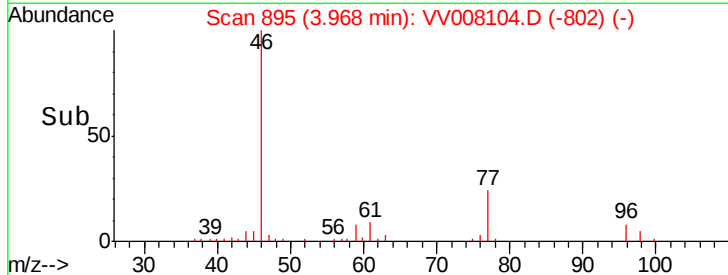
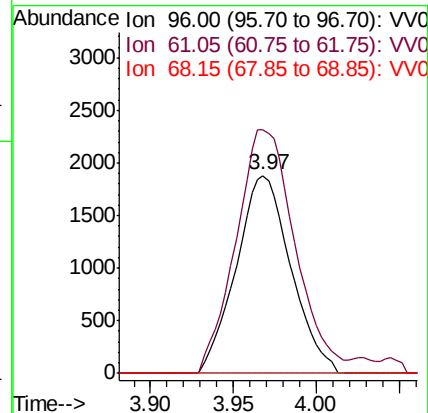
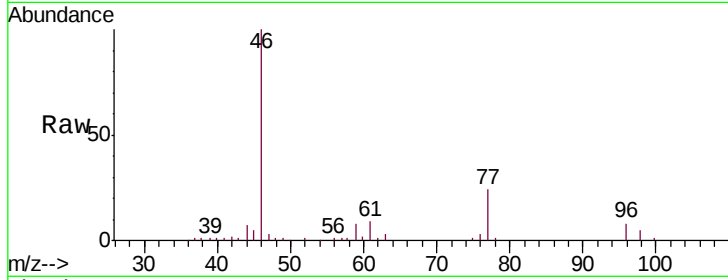


#22

cis-1,2-Dichloroethene
Concen: 0.649 ug/L
RT: 3.97 min Scan# 895
Delta R.T. -0.00 min
Lab File: VV008104.D
Acq: 05 Oct 2018 18:09

Instrument :
MSVOA_V
ClientSampleId :
C0J84DL

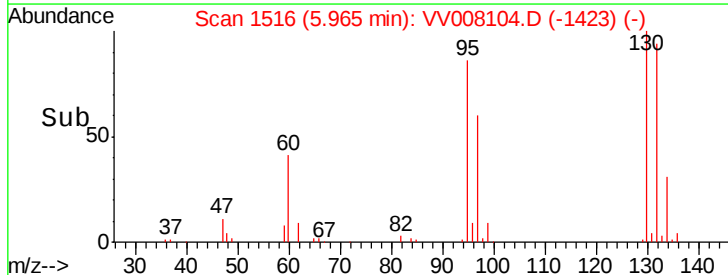
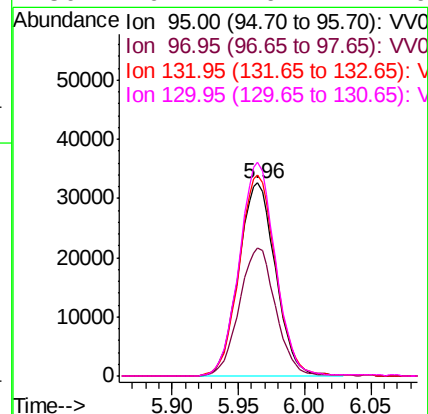
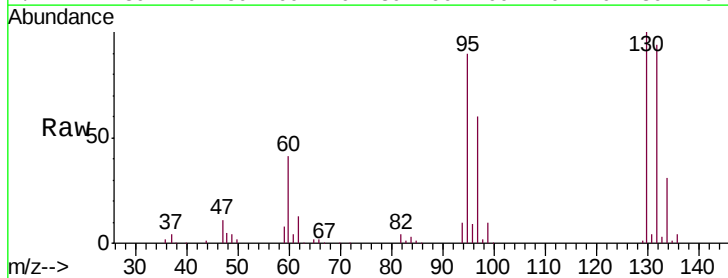
Tgt Ion: 96 Resp: 4311
Ion Ratio Lower Upper
96 100
61 123.0 85.1 158.1
68 0.0 0.0 0.0

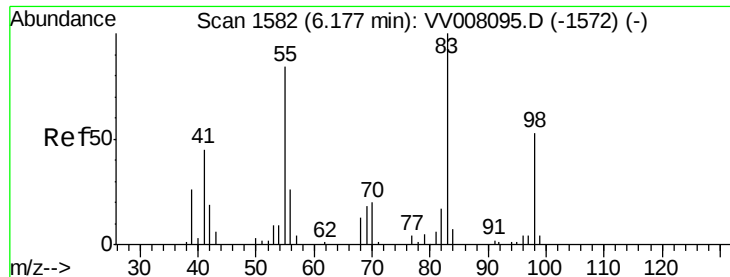


#34

Trichloroethene
Concen: 9.127 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. -0.00 min
Lab File: VV008104.D
Acq: 05 Oct 2018 18:09

Tgt Ion: 95 Resp: 63186
Ion Ratio Lower Upper
95 100
97 66.4 44.9 83.5
132 104.3 73.6 136.6
130 110.7 76.2 141.6





#35

Methylcyclohexane

Concen: 0.870 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008104.D

Acq: 05 Oct 2018 18:09

Instrument :

MSVOA_V

ClientSampleId :

C0J84DL

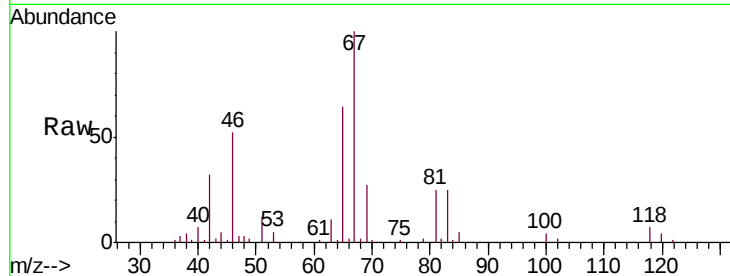
Tgt Ion: 83 Resp: 8417

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

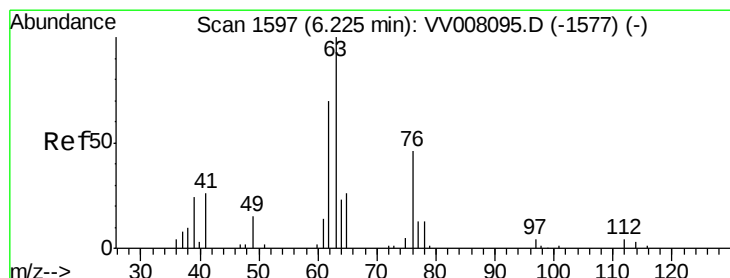
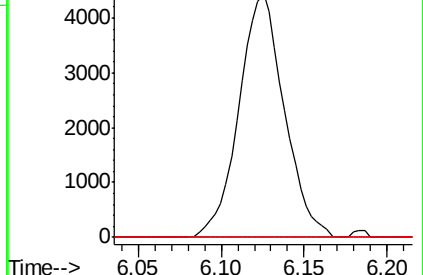
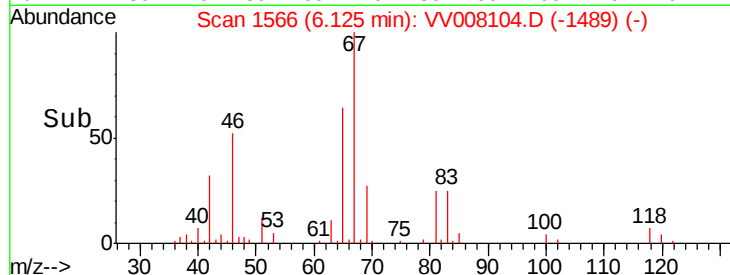
98 4.0 38.3 57.5#



Abundance Ion 83.15 (82.85 to 83.85): VV008104.D (-1489) (-)

Ion 55.10 (54.80 to 55.80): VV008104.D (-1489) (-)

Ion 98.15 (97.85 to 98.85): VV008104.D (-1489) (-)



#37

1,2-Dichloropropane

Concen: 0.655 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008104.D

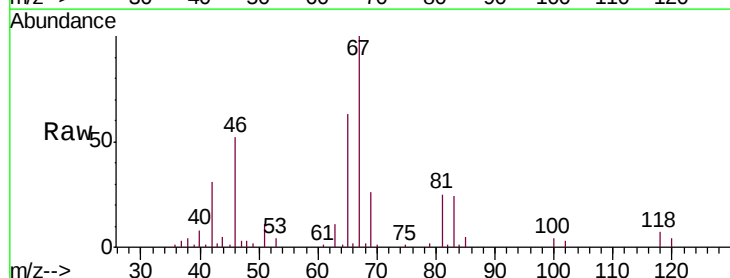
Acq: 05 Oct 2018 18:09

Tgt Ion: 63 Resp: 4191

Ion Ratio Lower Upper

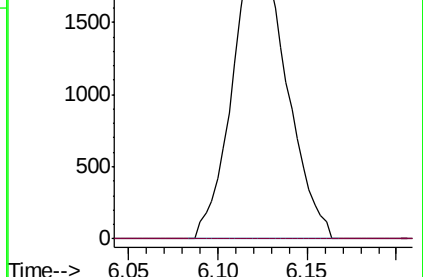
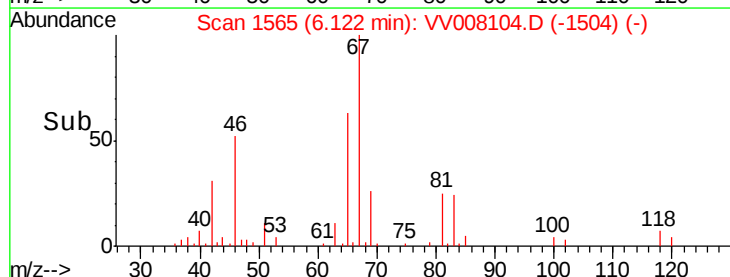
63 100

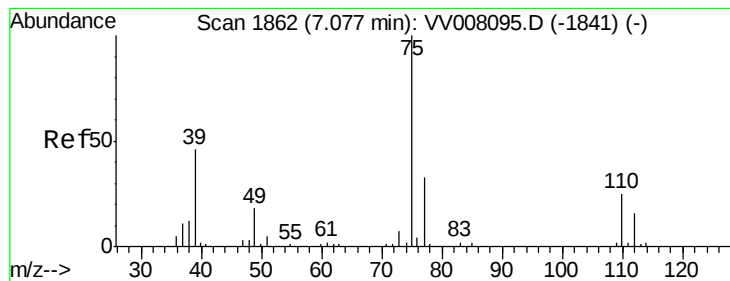
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008104.D (-1504) (-)

Ion 112.10 (111.80 to 112.80): VV008104.D (-1504) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008104.D

Acq: 05 Oct 2018 18:09

Instrument :

MSVOA_V

ClientSampleId :

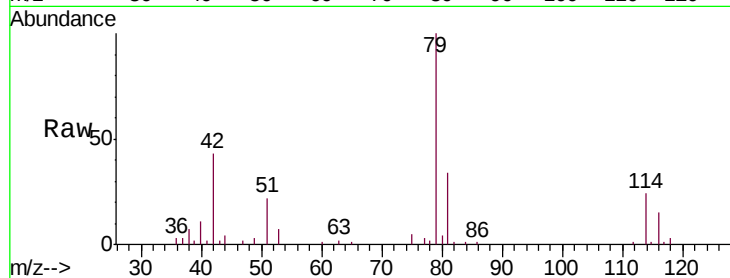
C0J84DL

Tgt Ion: 75 Resp: 879

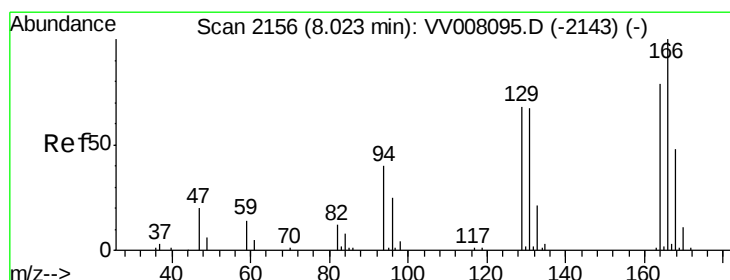
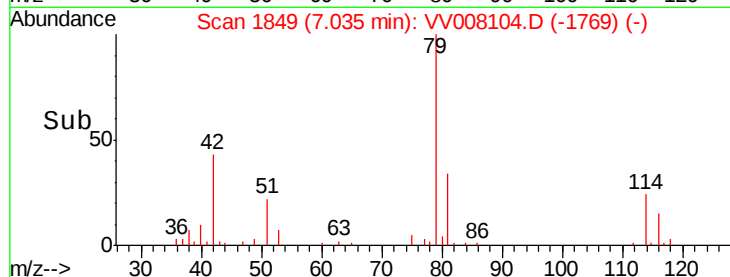
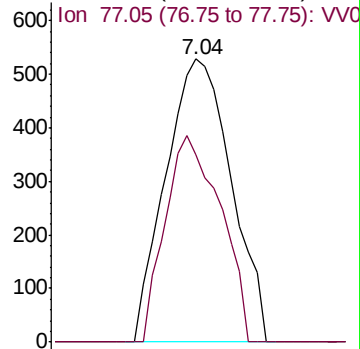
Ion Ratio Lower Upper

75 100

77 66.1 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008104.D (-1769) (-)



#47

Tetrachloroethene

Concen: 0.110 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV008104.D

Acq: 05 Oct 2018 18:09

Tgt Ion: 164 Resp: 680

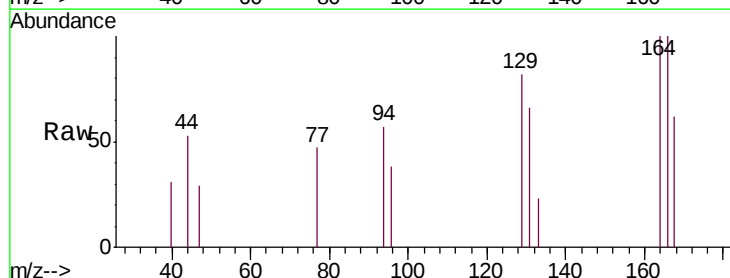
Ion Ratio Lower Upper

164 100

129 82.5 62.2 115.4

131 66.1 60.5 112.5

166 100.0 92.1 171.1



Abundance Ion 163.90 (163.60 to 164.60): VV008104.D (-2063) (-)

Ion 128.95 (128.65 to 129.65): VV008104.D (-2063) (-)

Ion 130.95 (130.65 to 131.65): VV008104.D (-2063) (-)

Ion 165.90 (165.60 to 166.60): VV008104.D (-2063) (-)

