

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008005.D
 Acq On : 01 Oct 2018 20:04
 Operator : SY/MD
 Sample : J5159-09
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC95

Quant Time: Oct 02 04:18:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89659	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42190	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24080	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.59	69	20721	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	37981	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.97	46	67494	46.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.38%
24) Chloroform-d	4.41	84	52566	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	28204	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.10	84	101567	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.12	67	32118	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	96551	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.67	79	10758	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.14	63	47453	42.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.48%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22221	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	38962	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

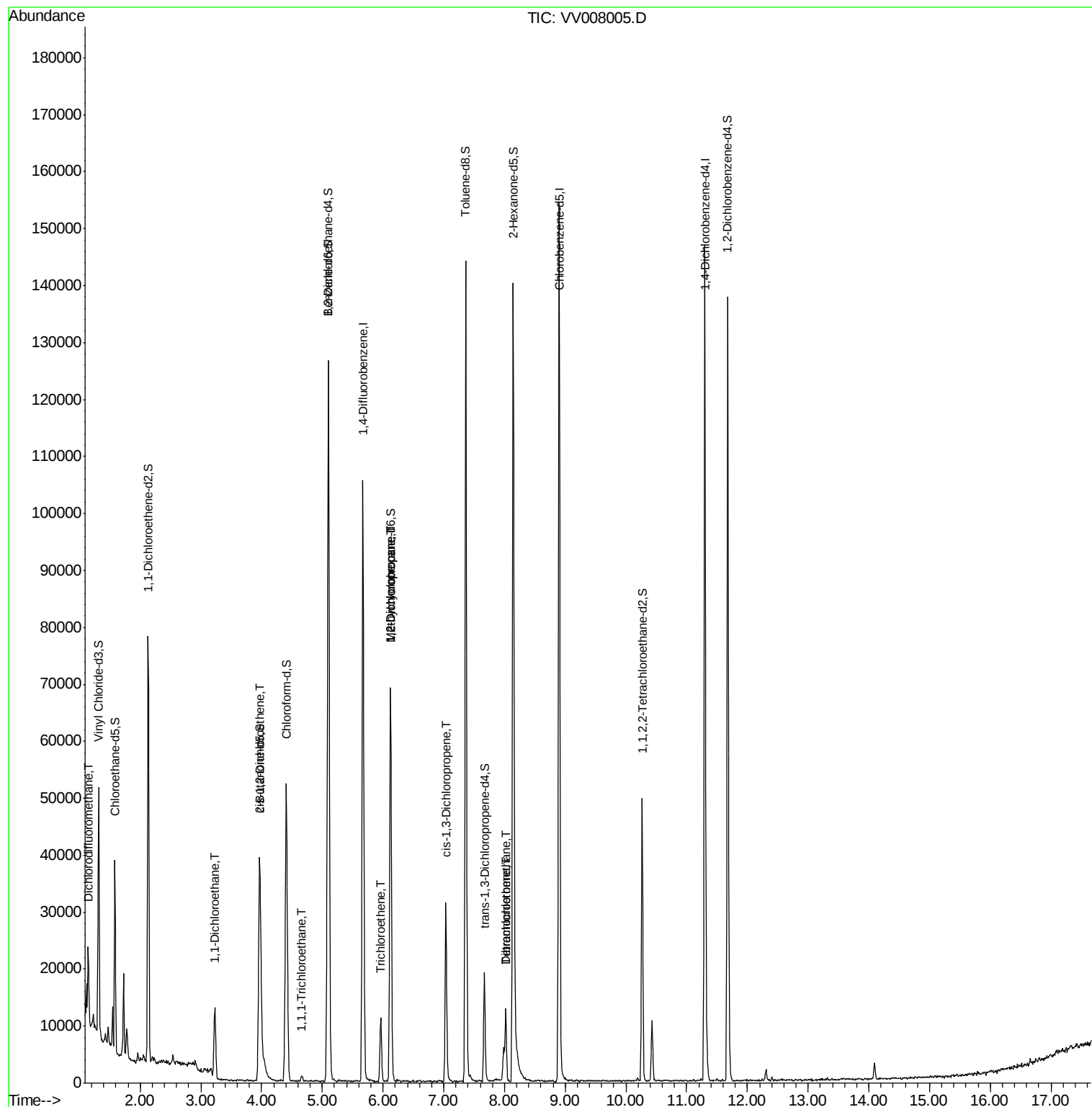
					Ovalue
2) Dichlorodifluoromethane	1.14	85	2258	0.300 ug/L	99
19) 1,1-Dichloroethane	3.23	63	11788	1.058 ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	1786	0.270 ug/L	94
29) 1,1,1-Trichloroethane	4.66	97	880	0.085 ug/L #	69
34) Trichloroethene	5.96	95	3342	0.472 ug/L	95
35) Methylcyclohexane	6.13	83	8014	0.755 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3549	0.562 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	882	0.104 ug/L #	68
47) Tetrachloroethene	8.02	164	2796	0.426 ug/L	94
49) Dibromochloromethane	8.02	129	2240	0.431 ug/L #	12

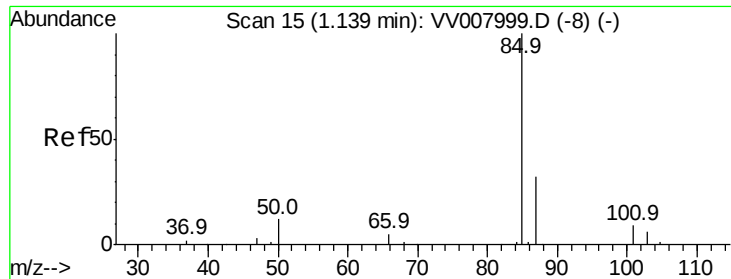
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.300 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV008005.D

Acq: 01 Oct 2018 20:04

Instrument :

MSVOA_V

ClientSampleId :

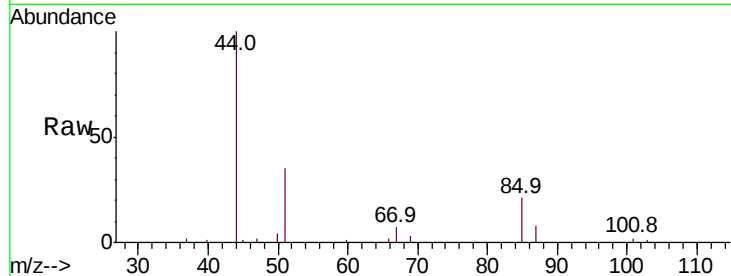
GAC95

Tot Ion: 85 Resp: 2258

Ion Ratio Lower Upper

85 100

87 32.1 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

2500

2000

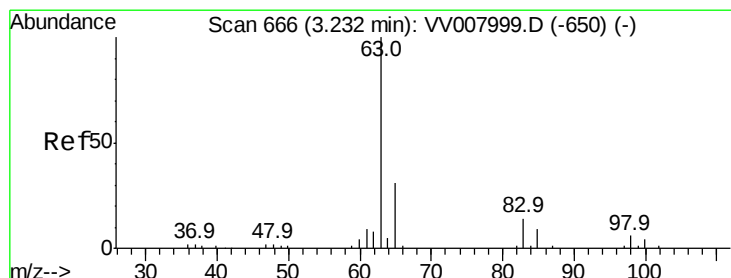
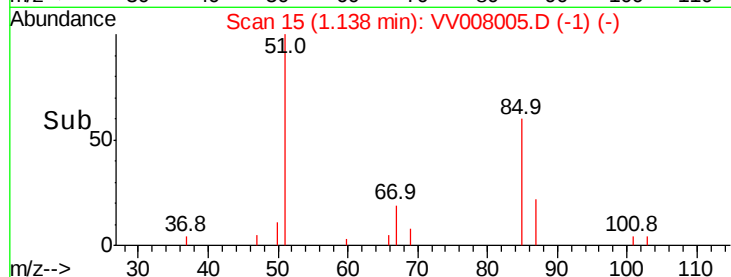
1500

1000

500

0

Time--> 1.10 1.15 1.20



#19

1,1-Dichloroethane

Concen: 1.058 ug/L

RT: 3.23 min Scan# 666

Delta R.T. -0.00 min

Lab File: VV008005.D

Acq: 01 Oct 2018 20:04

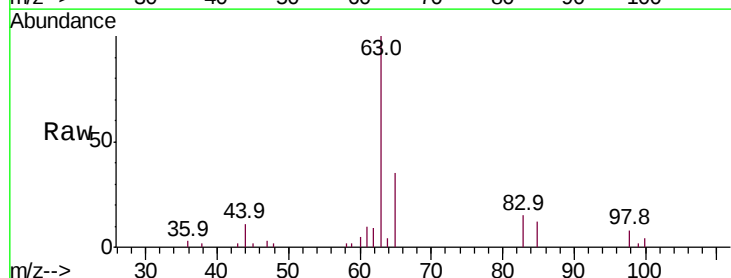
Tgt Ion: 63 Resp: 11788

Ion Ratio Lower Upper

63 100

65 34.5 22.3 41.5

83 15.4 9.8 18.2



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0

8000

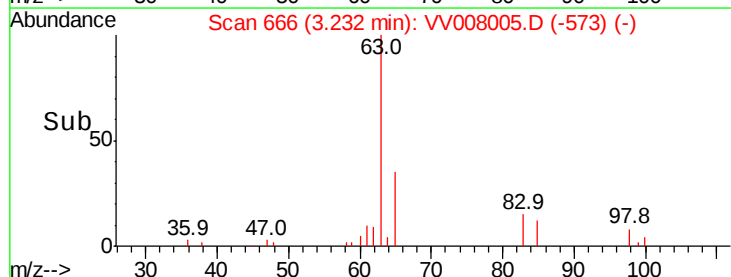
6000

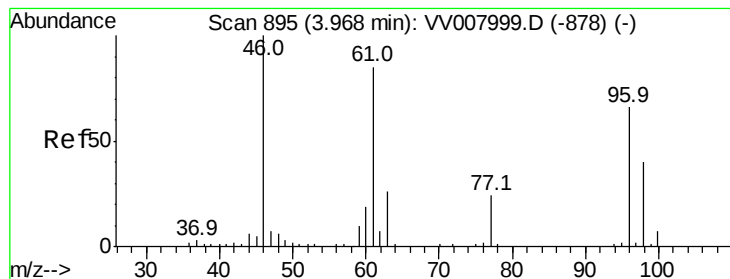
4000

2000

0

Time--> 3.15 3.20 3.25 3.30



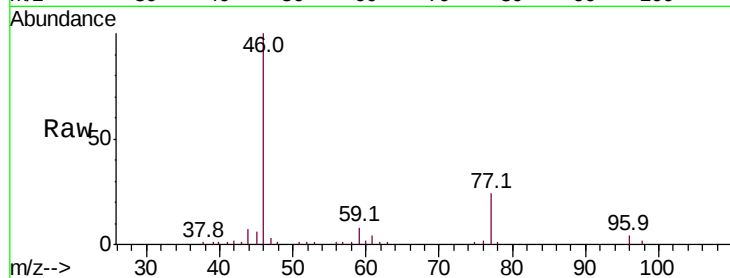


#22

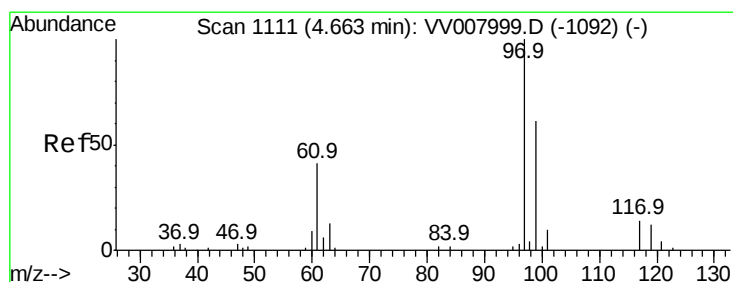
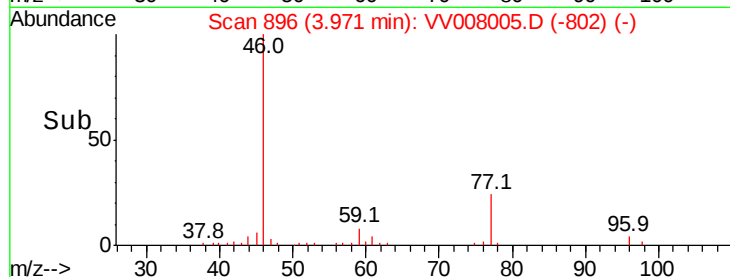
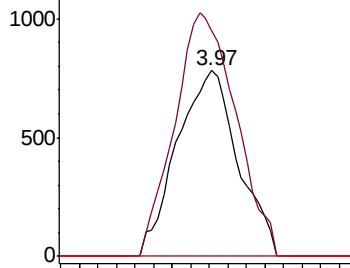
cis-1,2-Dichloroethene
Concen: 0.270 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.00 min
Lab File: VV008005.D
Acq: 01 Oct 2018 20:04

Instrument :
MSVOA_V
ClientSampled :
GAC95

Tot Ion: 96 Resp: 1786
Ion Ratio Lower Upper
96 100
61 121.4 89.5 166.1
68 0.0 0.0 0.0



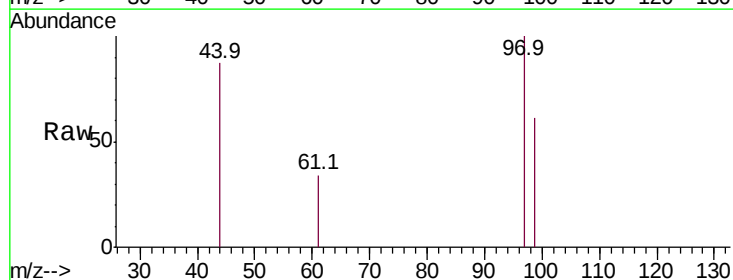
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



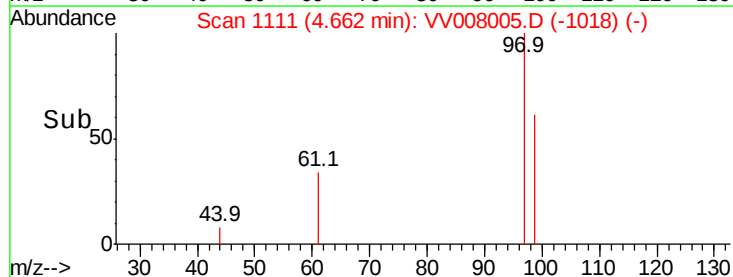
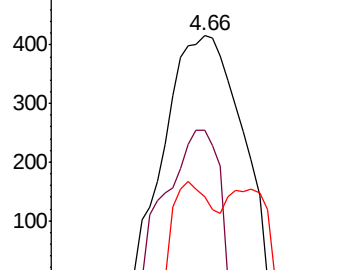
#29

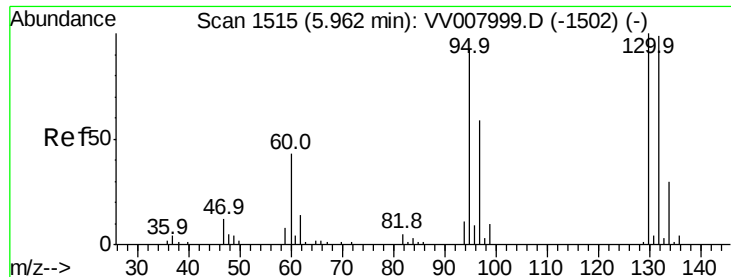
1,1,1-Trichloroethane
Concen: 0.085 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VV008005.D
Acq: 01 Oct 2018 20:04

Tgt Ion: 97 Resp: 880
Ion Ratio Lower Upper
97 100
99 41.7 51.2 76.8#
61 21.4 34.6 52.0#



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

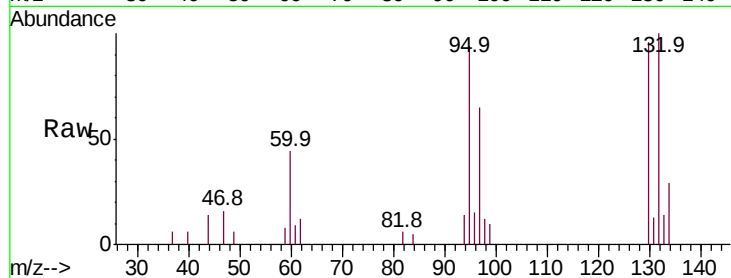




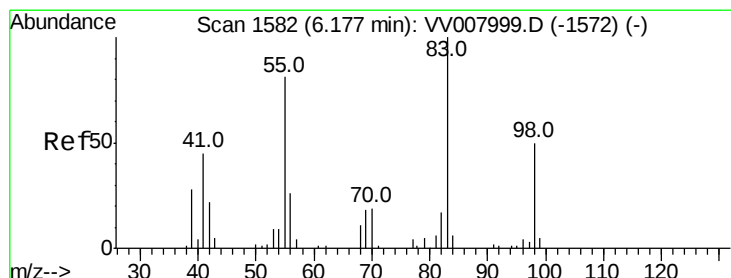
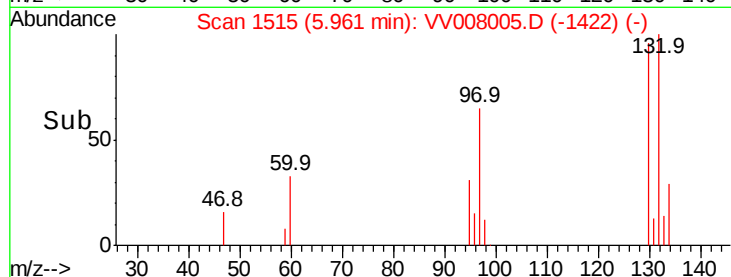
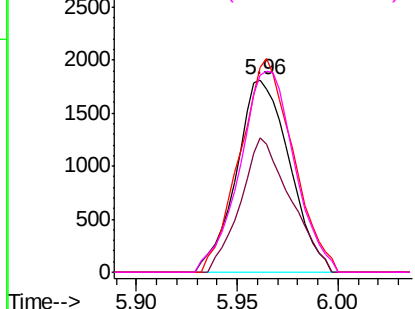
#34
 Trichloroethene
 Concen: 0.472 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: VV008005.D
 Acq: 01 Oct 2018 20:04

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC95

Tot Ion: 95 Resp: 3342
 Ion Ratio Lower Upper
 95 100
 97 69.6 43.6 81.0
 132 106.5 69.9 129.9
 130 102.0 71.7 133.3

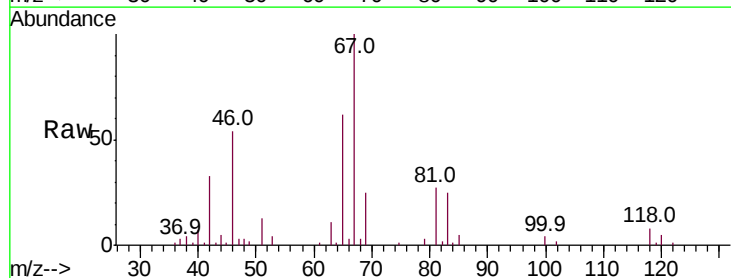


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

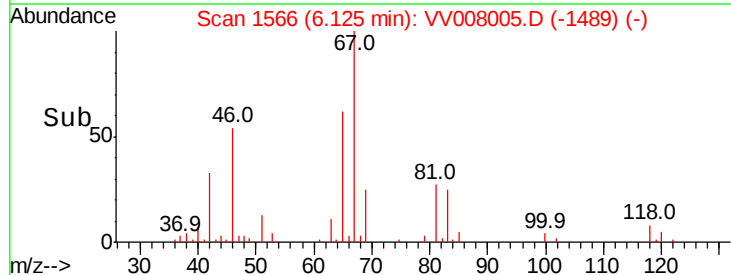
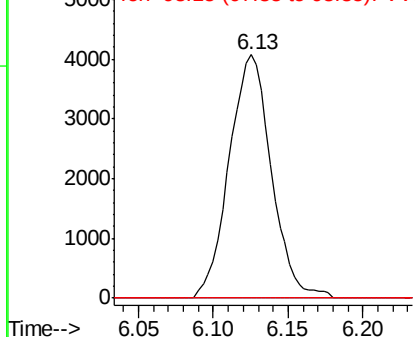


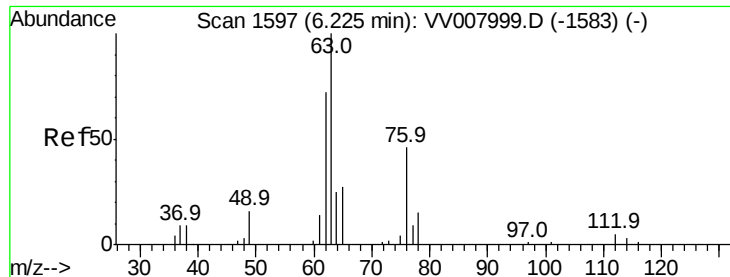
#35
 Methylcyclohexane
 Concen: 0.755 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.05 min
 Lab File: VV008005.D
 Acq: 01 Oct 2018 20:04

Tgt Ion: 83 Resp: 8014
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.2 93.2#
 98 0.9 38.0 57.0#



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: 0.562 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008005.D

Acq: 01 Oct 2018 20:04

Instrument :

MSVOA_V

ClientSampled :

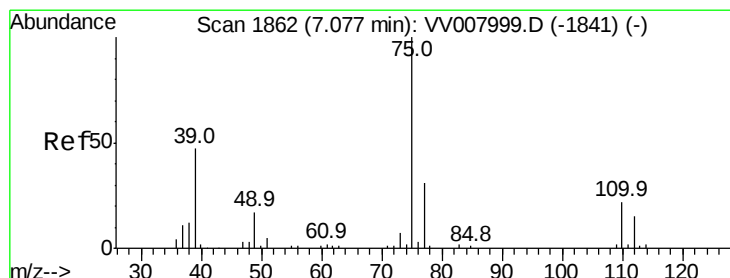
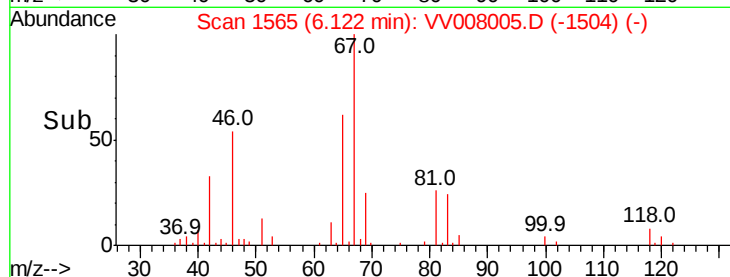
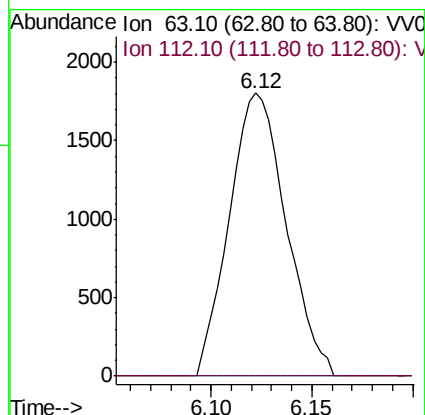
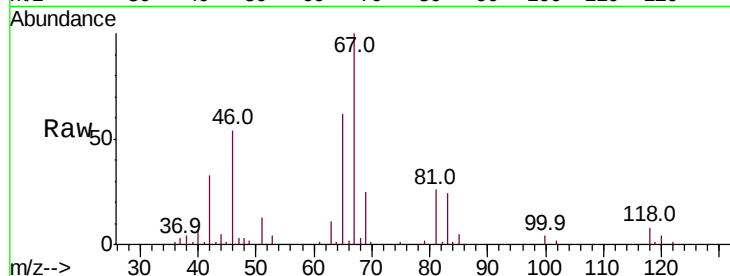
GAC95

Tot Ion: 63 Resp: 3549

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008005.D

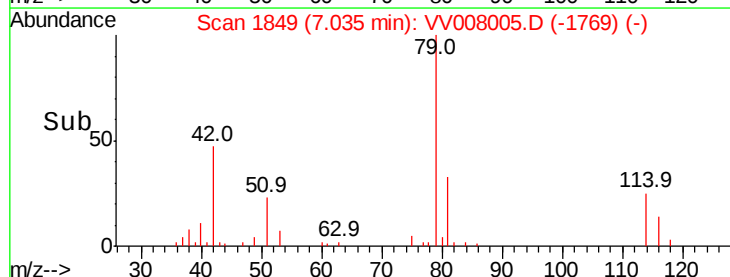
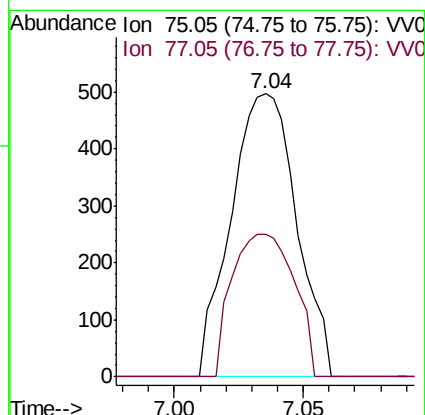
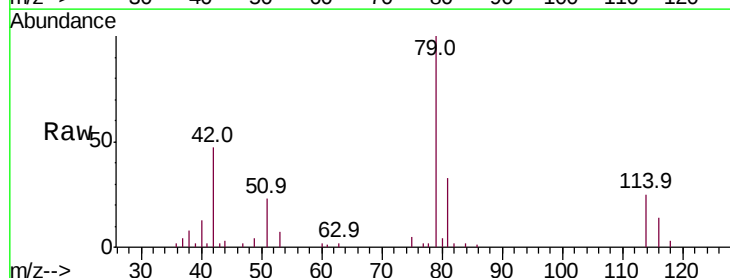
Acq: 01 Oct 2018 20:04

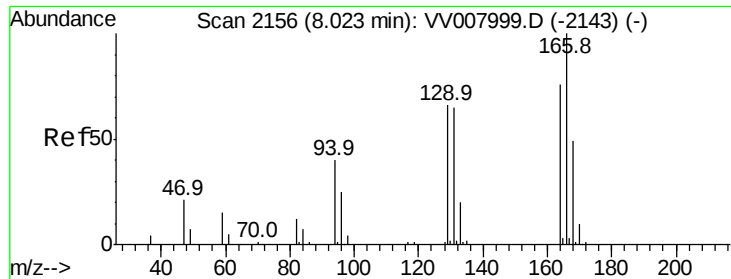
Tgt Ion: 75 Resp: 882

Ion Ratio Lower Upper

75 100

77 50.5 22.9 42.5#

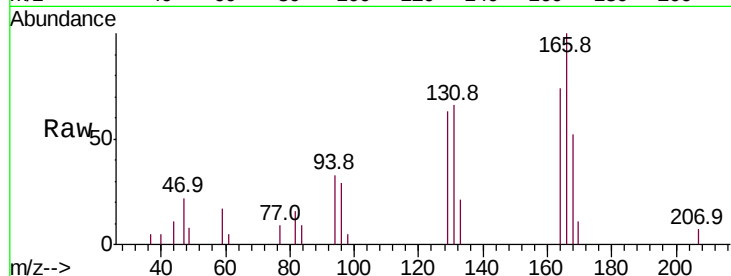




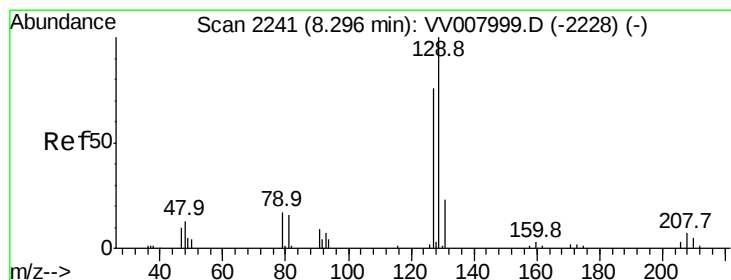
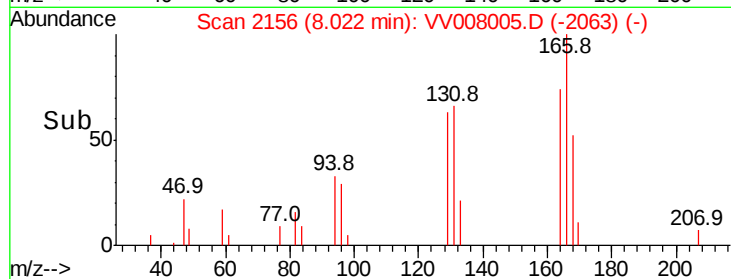
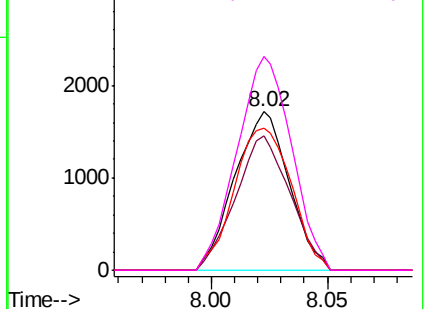
#47
Tetrachloroethene
Concen: 0.426 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.00 min
Lab File: VV008005.D
Acq: 01 Oct 2018 20:04

Instrument :
MSVOA_V
ClientSampleId :
GAC95

Tot Ion:164 Resp: 2796
Ion Ratio Lower Upper
164 100
129 85.1 59.2 110.0
131 89.5 57.1 106.1
166 135.0 88.6 164.6

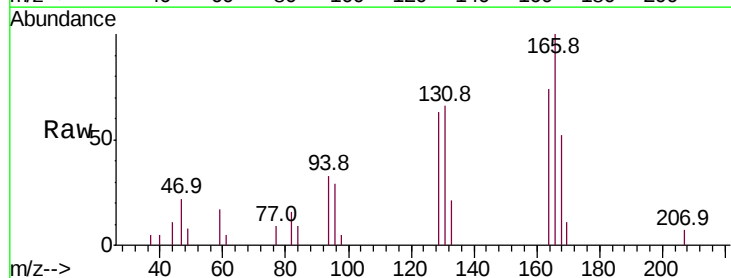


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49
Dibromochloromethane
Concen: 0.431 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV008005.D
Acq: 01 Oct 2018 20:04

Tgt Ion:129 Resp: 2240
Ion Ratio Lower Upper
129 100
127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

