

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007964.D
 Acq On : 28 Sep 2018 20:23
 Operator : SY/MD
 Sample : J5062-19
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAC19

Quant Time: Oct 01 01:55:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 01 01:51:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88143	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84562	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17814	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.59	69	17887	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.14	63	30954	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	3.96	46	66188	46.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.14%
24) Chloroform-d	4.41	84	47217	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.09	65	26227	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.10	84	86989	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.12	67	28521	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.36	98	81745	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	7.67	79	8954	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.14	63	47719	43.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21703	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	35727	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

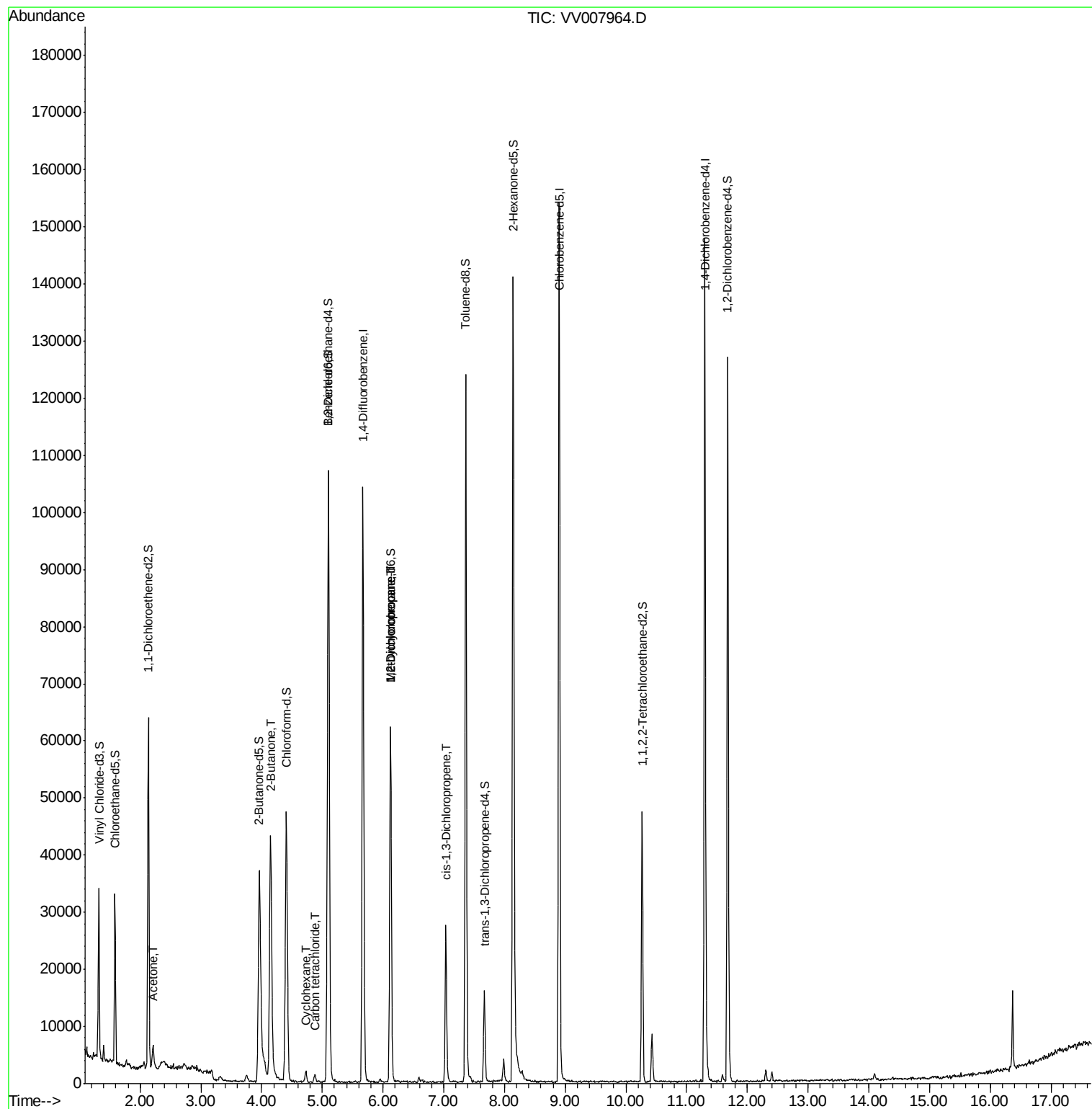
					Ovalue
13) Acetone	2.21	43	5749	5.552	ug/L 99
21) 2-Butanone	4.15	43	67446	40.881	ug/L # 50
30) Cyclohexane	4.73	56	880	0.092	ug/L # 80
31) Carbon tetrachloride	4.88	117	1016	0.113	ug/L 85
35) Methylcyclohexane	6.12	83	7122	0.685	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	3489	0.564	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	656	0.079	ug/L # 34

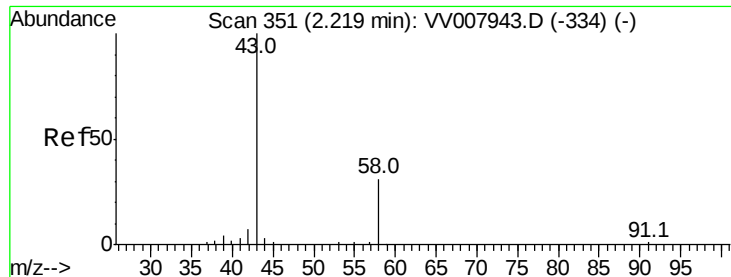
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.552 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

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Acq: 28 Sep 2018 20:23

Instrument :

MSVOA_V

ClientSampled :

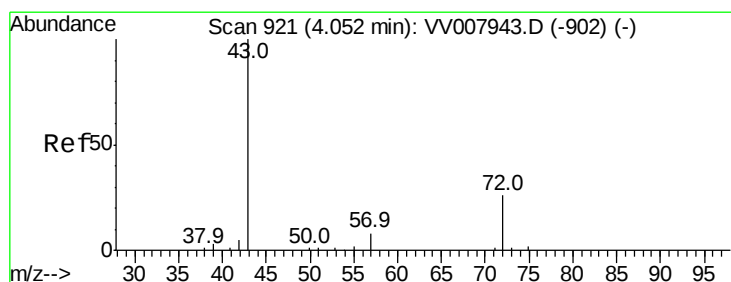
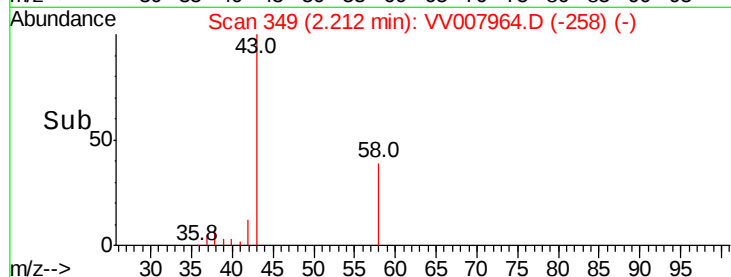
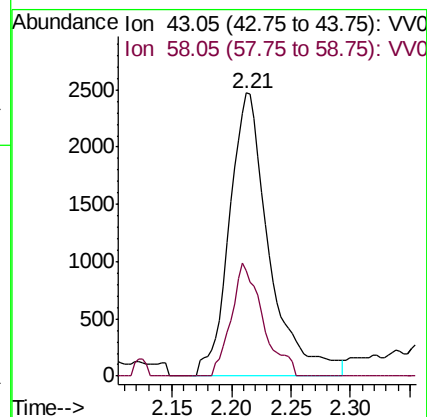
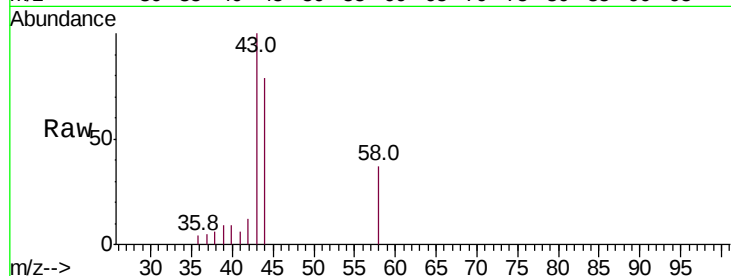
GAC19

Tot Ion: 43 Resp: 5749

Ion Ratio Lower Upper

43 100

58 31.7 0.0 62.0



#21

2-Butanone

Concen: 40.881 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV007964.D

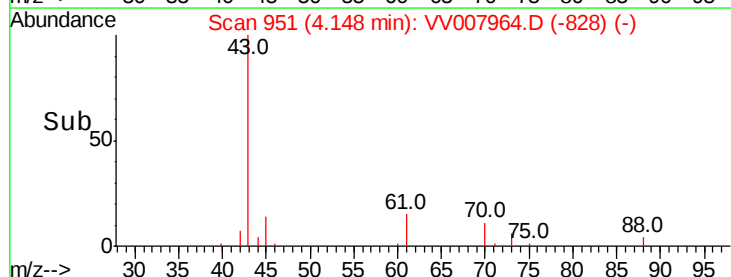
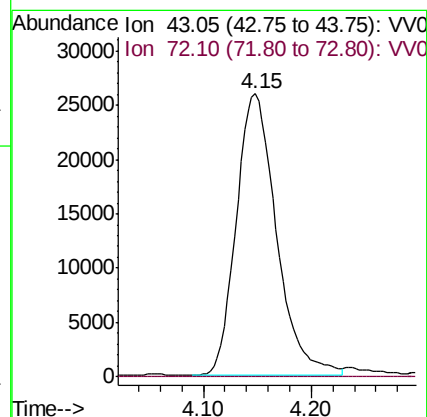
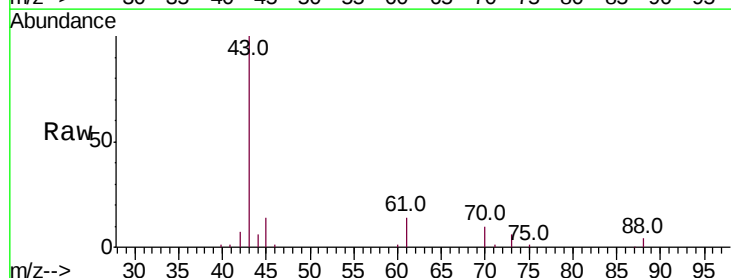
Acq: 28 Sep 2018 20:23

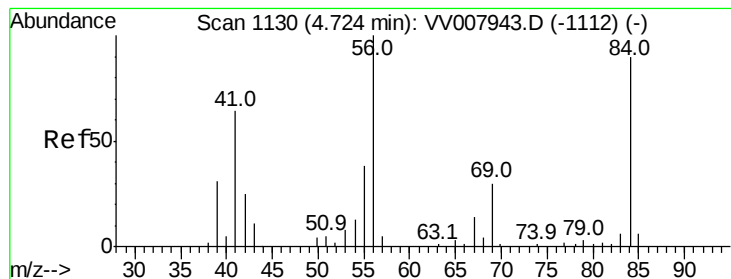
Tgt Ion: 43 Resp: 67446

Ion Ratio Lower Upper

43 100

72 0.0 12.5 37.5#





#30

Cvclohexane

Concen: 0.092 ug/L

RT: 4.73 min Scan# 1132

Delta R.T. 0.01 min

Lab File: VV007964.D

Acq: 28 Sep 2018 20:23

Instrument :

MSVOA_V

ClientSampled :

GAC19

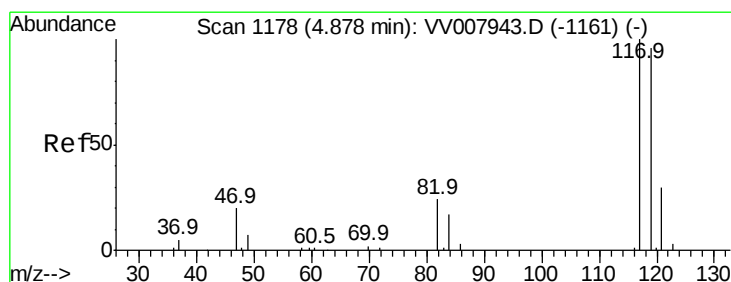
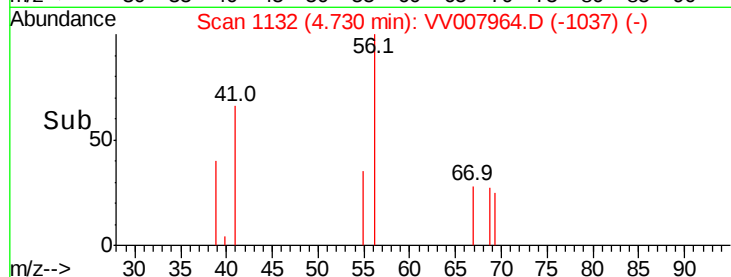
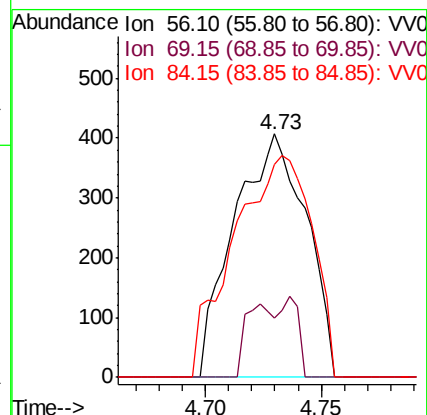
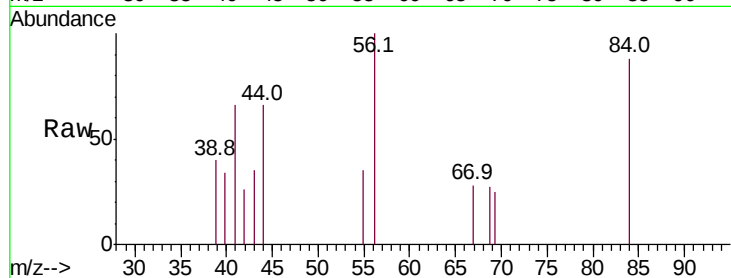
Tot Ion: 56 Resp: 880

Ion Ratio Lower Upper

56 100

69 8.1 24.2 36.4#

84 99.1 69.8 104.8



#31

Carbon tetrachloride

Concen: 0.113 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007964.D

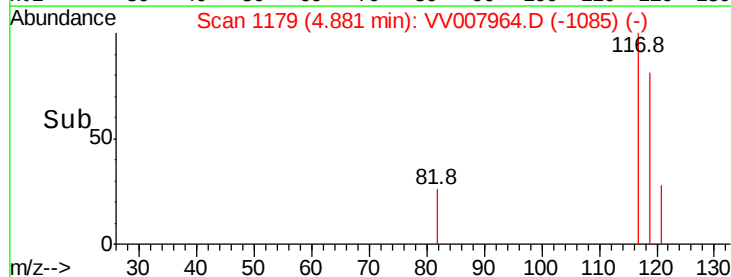
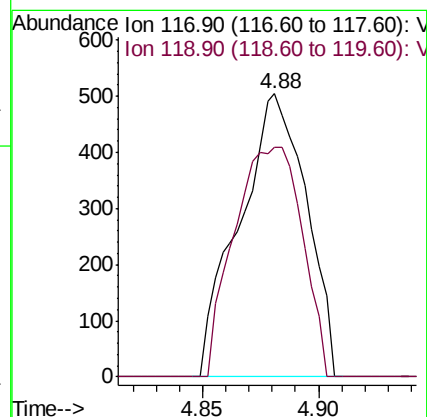
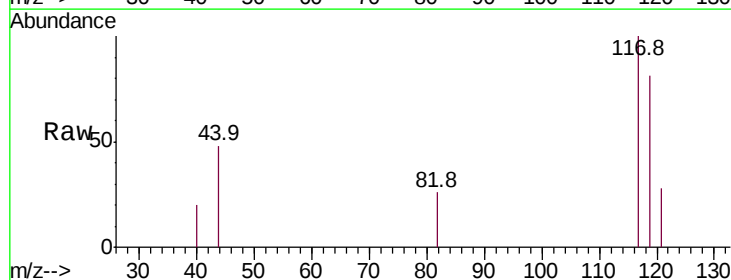
Acq: 28 Sep 2018 20:23

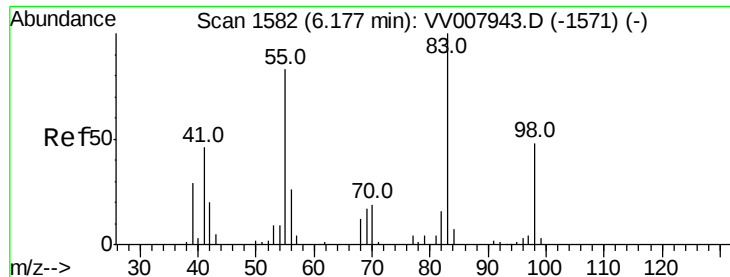
Tgt Ion: 117 Resp: 1016

Ion Ratio Lower Upper

117 100

119 82.2 77.8 116.8

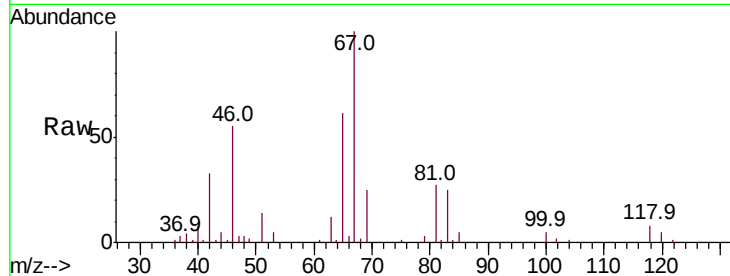




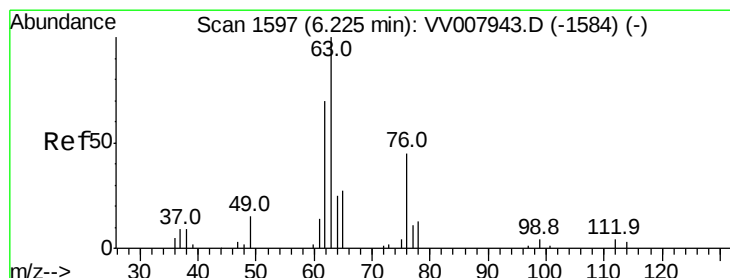
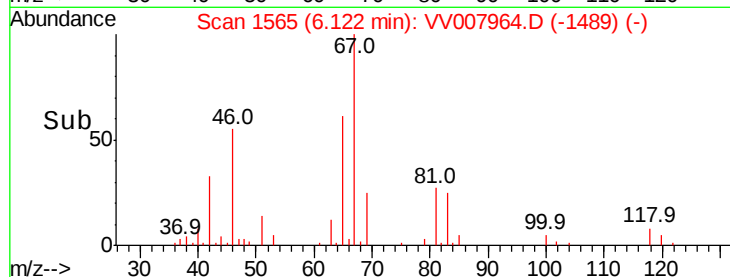
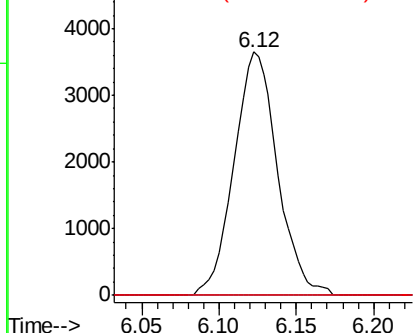
#35
Methvlcvclohexane
Concen: 0.685 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007964.D
Acq: 28 Sep 2018 20:23

Instrument :
MSVOA_V
ClientSampleId :
GAC19

Tot Ion: 83 Resp: 7122
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.0 38.0 57.0#

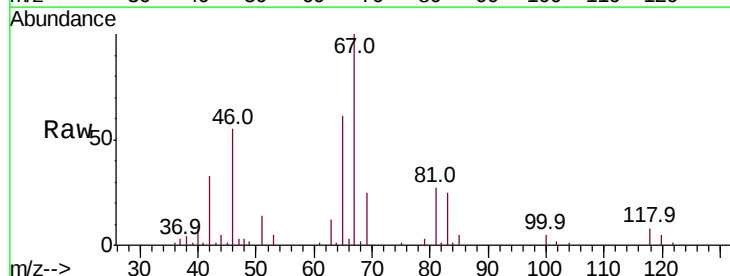


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

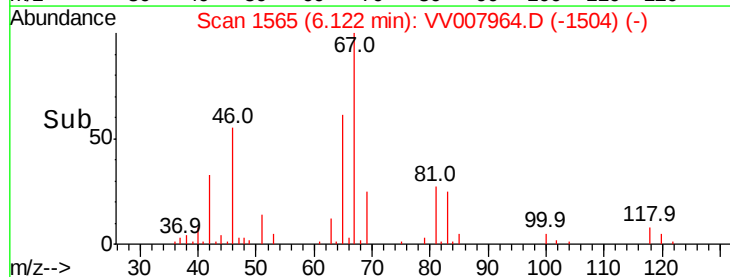
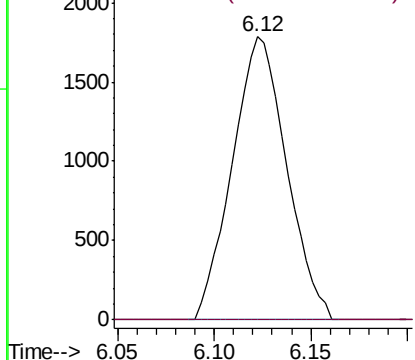


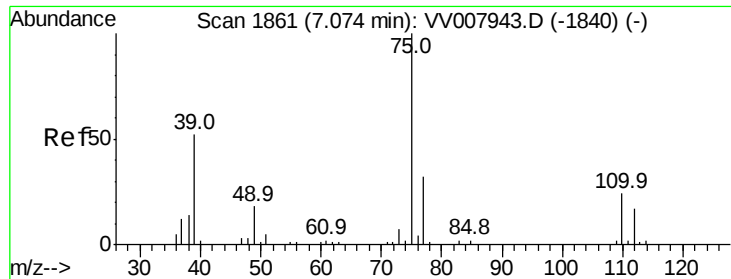
#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV007964.D
Acq: 28 Sep 2018 20:23

Tgt Ion: 63 Resp: 3489
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007964.D

Acq: 28 Sep 2018 20:23

Instrument :

MSVOA_V

ClientSampleId :

GAC19

Tot Ion: 75 Resp: 656

Ion Ratio Lower Upper

75 100

77 70.0 22.9 42.5#

