

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007937.D
 Acq On : 28 Sep 2018 04:57
 Operator : SY/MD
 Sample : J5062-07
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 07:47:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	77509	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	72468	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35570	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18652	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.59	69	19293	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.14	63	31109	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.96	46	67979	54.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.78%
24) Chloroform-d	4.41	84	49392	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.09	65	27729	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.10	84	89789	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.12	67	29972	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.36	98	79660	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.67	79	9291	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.14	63	52644	56.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23338	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	34565	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

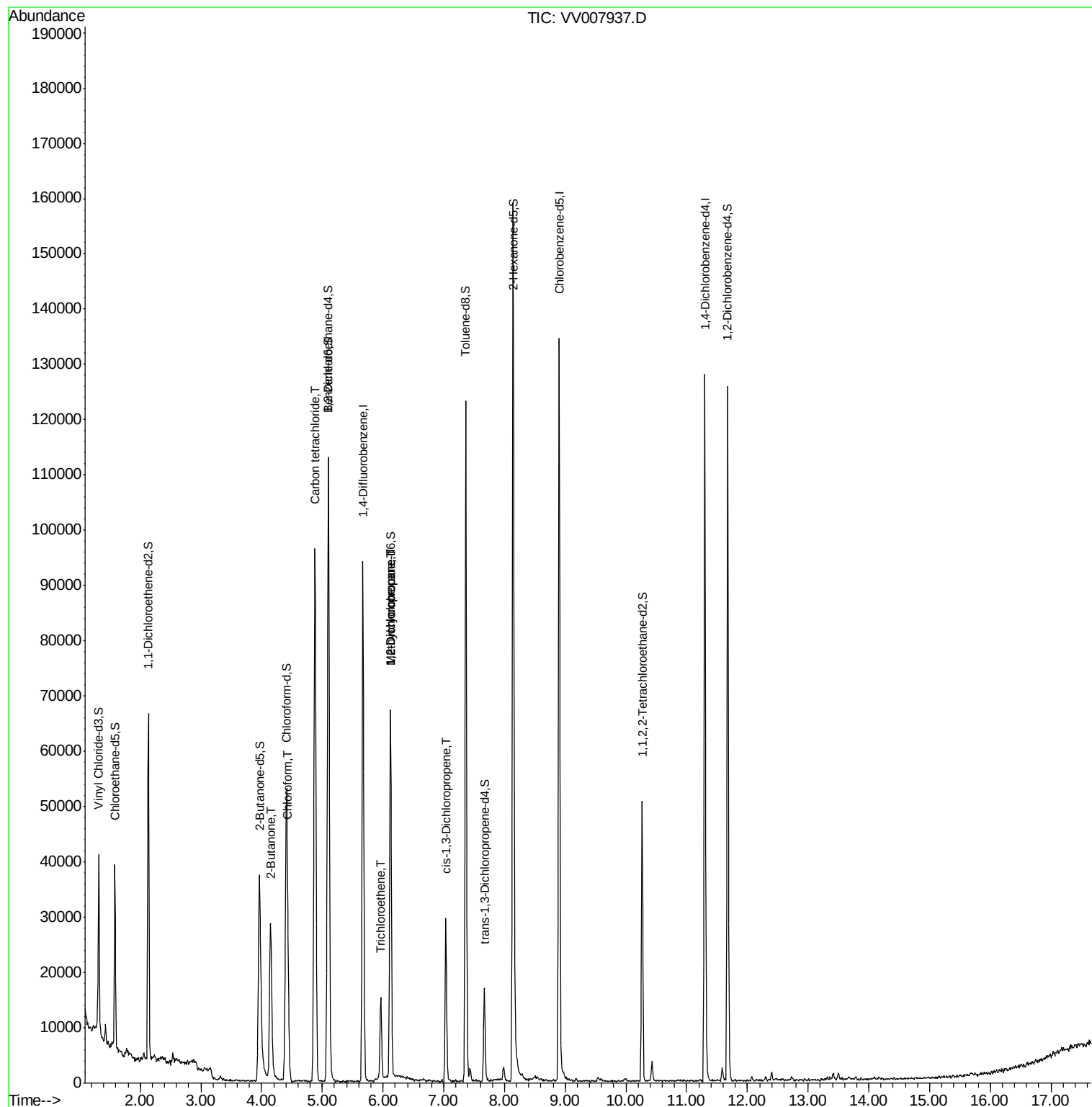
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
21) 2-Butanone	4.15	43	47263	32.578	ug/L #	50
25) Chloroform	4.43	83	15035	1.443	ug/L	96
31) Carbon tetrachloride	4.88	117	70144	9.131	ug/L	99
34) Trichloroethene	5.96	95	4946	0.832	ug/L	97
35) Methylcyclohexane	6.12	83	7348	0.825	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3568	0.673	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	729	0.103	ug/L #	35

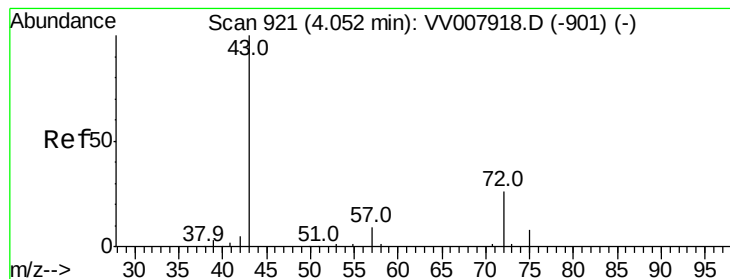
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#21

2-Butanone

Concen: 32.578 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV007937.D

Acq: 28 Sep 2018 04:57

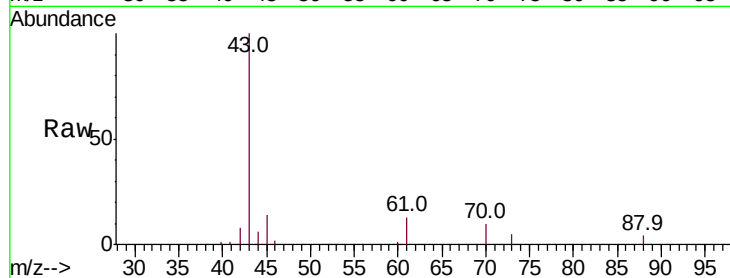
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 47263

Ion Ratio Lower Upper

43 100

72 0.0 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV007937.D (-951) (-)

Ion 72.10 (71.80 to 72.80): VV007937.D (-951) (-)

4.15

20000

15000

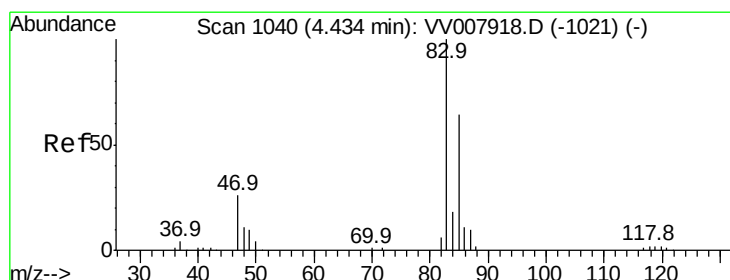
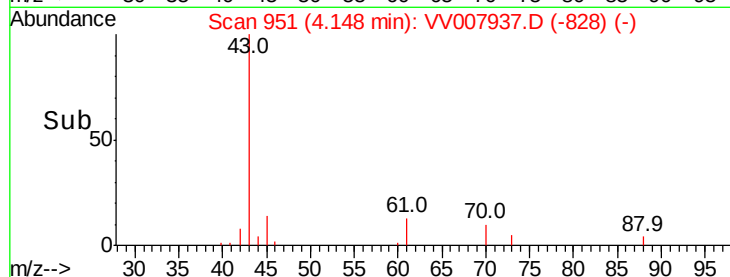
10000

5000

0

4.10 4.20

Time-->



#25

Chloroform

Concen: 1.443 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV007937.D

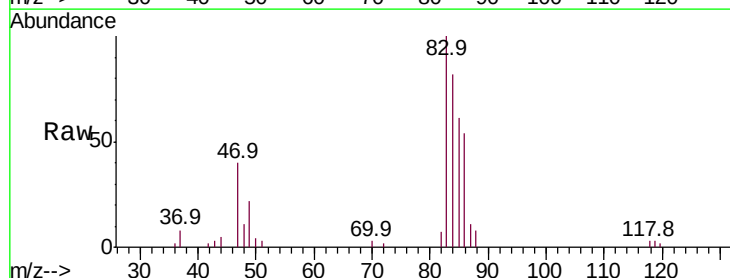
Acq: 28 Sep 2018 04:57

Tgt Ion: 83 Resp: 15035

Ion Ratio Lower Upper

83 100

85 61.1 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV007937.D (-1040) (-)

Ion 85.00 (84.70 to 85.70): VV007937.D (-1040) (-)

4.43

6000

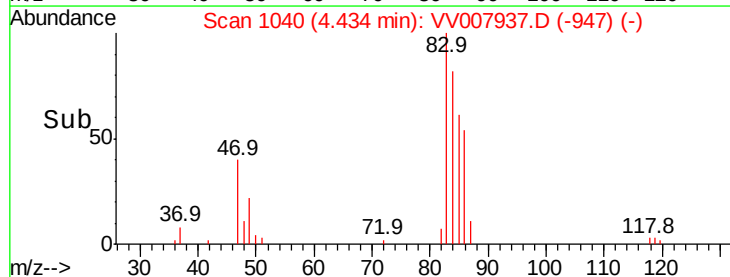
4000

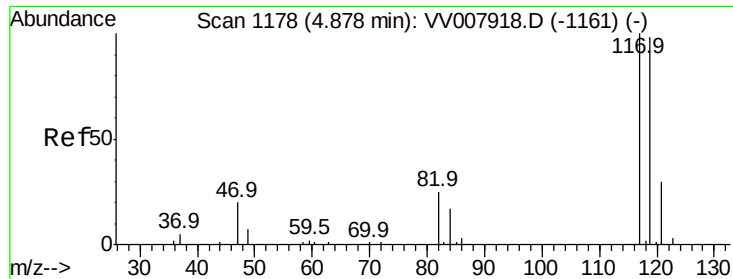
2000

0

4.35 4.40 4.45 4.50

Time-->

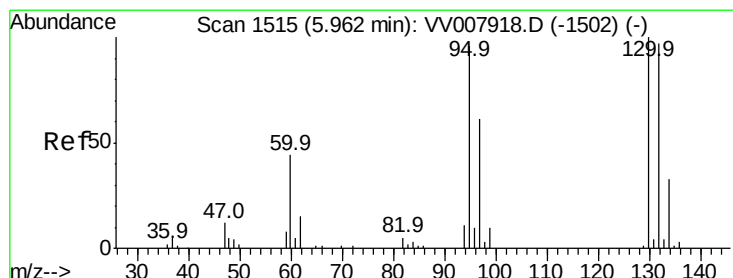
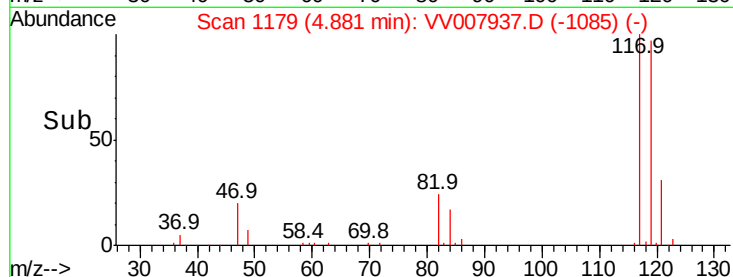
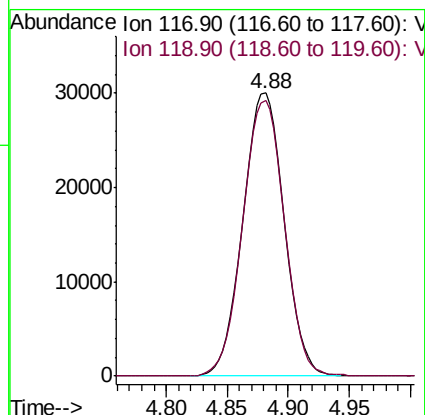
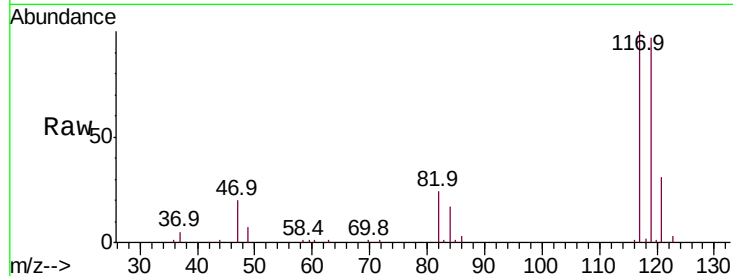




#31
Carbon tetrachloride
Concen: 9.131 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV007937.D
Acq: 28 Sep 2018 04:57

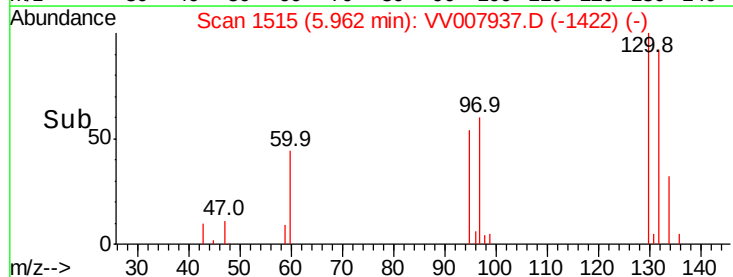
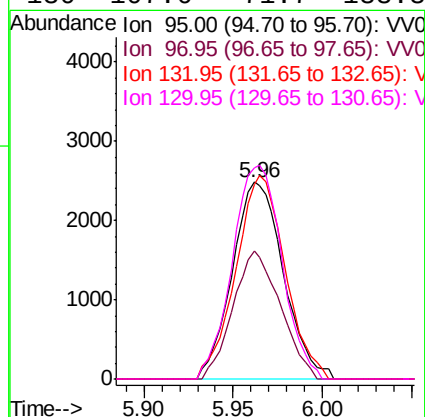
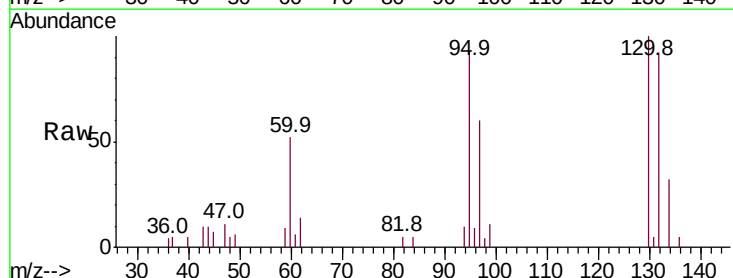
Instrument :
MSVOA_V
ClientSampleId :

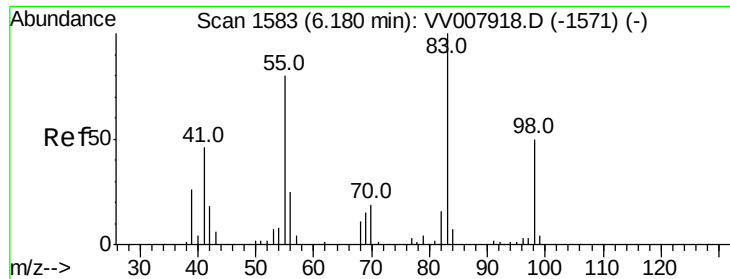
Tot Ion:117 Resp: 70144
Ion Ratio Lower Upper
117 100
119 98.7 77.8 116.8



#34
Trichloroethene
Concen: 0.832 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV007937.D
Acq: 28 Sep 2018 04:57

Tgt Ion: 95 Resp: 4946
Ion Ratio Lower Upper
95 100
97 65.1 43.6 81.0
132 99.2 69.9 129.9
130 107.6 71.7 133.3

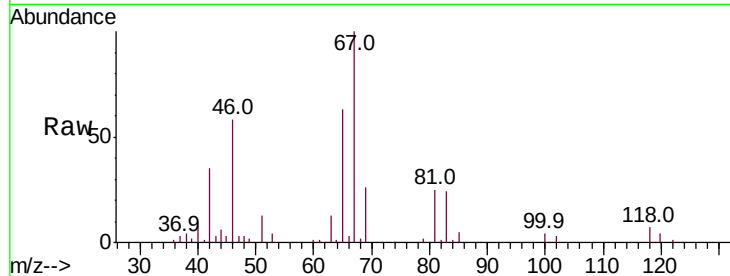




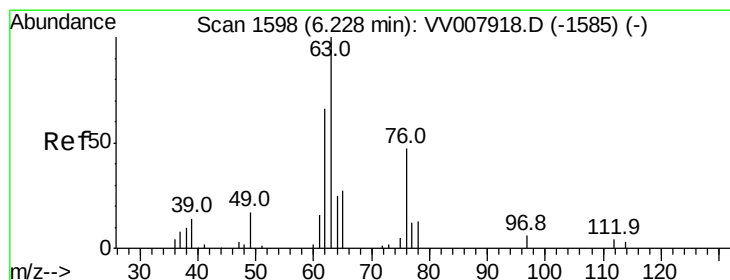
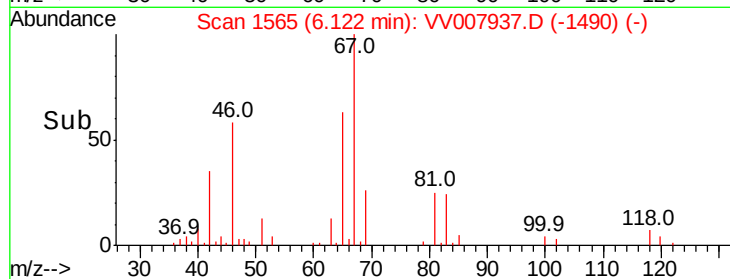
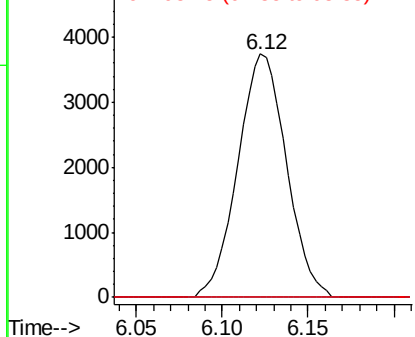
#35
Methvlcvclohexane
Concen: 0.825 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007937.D
Acq: 28 Sep 2018 04:57

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 7348
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.7 38.0 57.0#

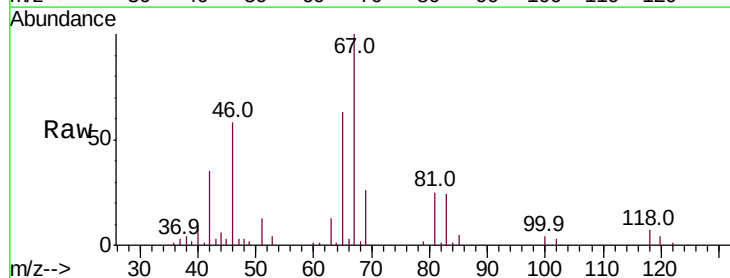


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

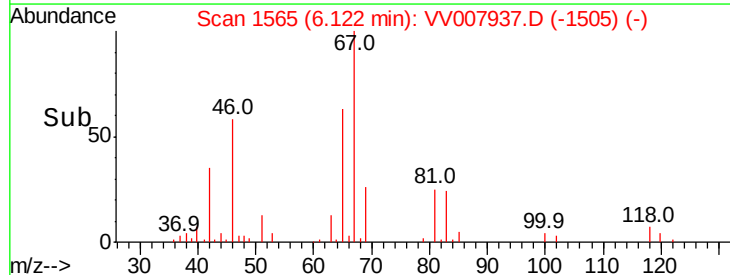
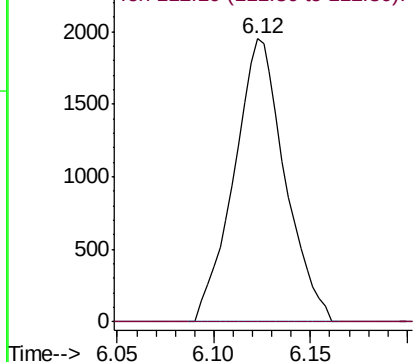


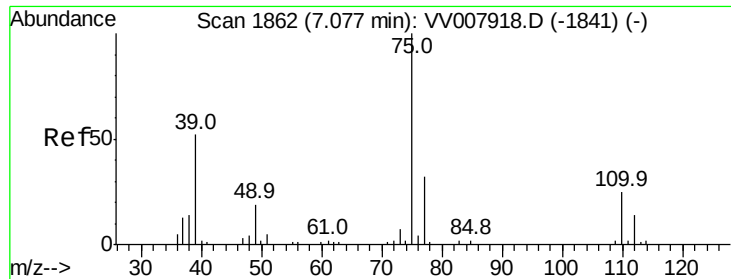
#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV007937.D
Acq: 28 Sep 2018 04:57

Tgt Ion: 63 Resp: 3568
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: 0.103 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007937.D

Acq: 28 Sep 2018 04:57

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 729

Ion Ratio Lower Upper

75 100

77 69.5 22.9 42.5#

