

Data File : VV008938.D
Acq On : 14 Dec 2018 18:41
Operator : SY/MD
Sample : J6369-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL60

Quant Time: Dec 14 23:45:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 23:39:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	202974	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189325	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80026	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51705	43.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.24%
7) Chloroethane-d5	1.57	69	41161	55.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.36%
11) 1,1-Dichloroethene-d2	2.13	63	107260	38.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.64%
21) 2-Butanone-d5	3.93	46	90309	114.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.11%
24) Chloroform-d	4.41	84	124424	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	82702	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
32) Benzene-d6	5.10	84	257121	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	77562	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.18%
41) Toluene-d8	7.36	98	234400	48.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.88%
43) trans-1,3-Dichloropropene-	7.67	79	36242	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.22%
47) 2-Hexanone-d5	8.13	63	58473	103.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.05%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95662	48.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.66%
64) 1,2-Dichlorobenzene-d4	11.68	152	84857	51.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.82%

Target Compounds

					Qvalue	
9) Trichlorofluoromethane	2.13	101	966	0.427	ug/L #	34
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	966	0.697	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	1037	0.823	ug/L #	1
34) Trichloroethene	5.96	95	5884	3.906	ug/L	97
35) Methylcyclohexane	6.12	83	19449	8.705	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8852	6.561	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2257	1.049	ug/L #	77
44) trans-1,3-Dichloropropene	7.67	75	1655	0.825	ug/L #	81
58) 1,1,2,2-Tetrachloroethane	10.27	83	748	0.373	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	8013	4.716	ug/L #	88

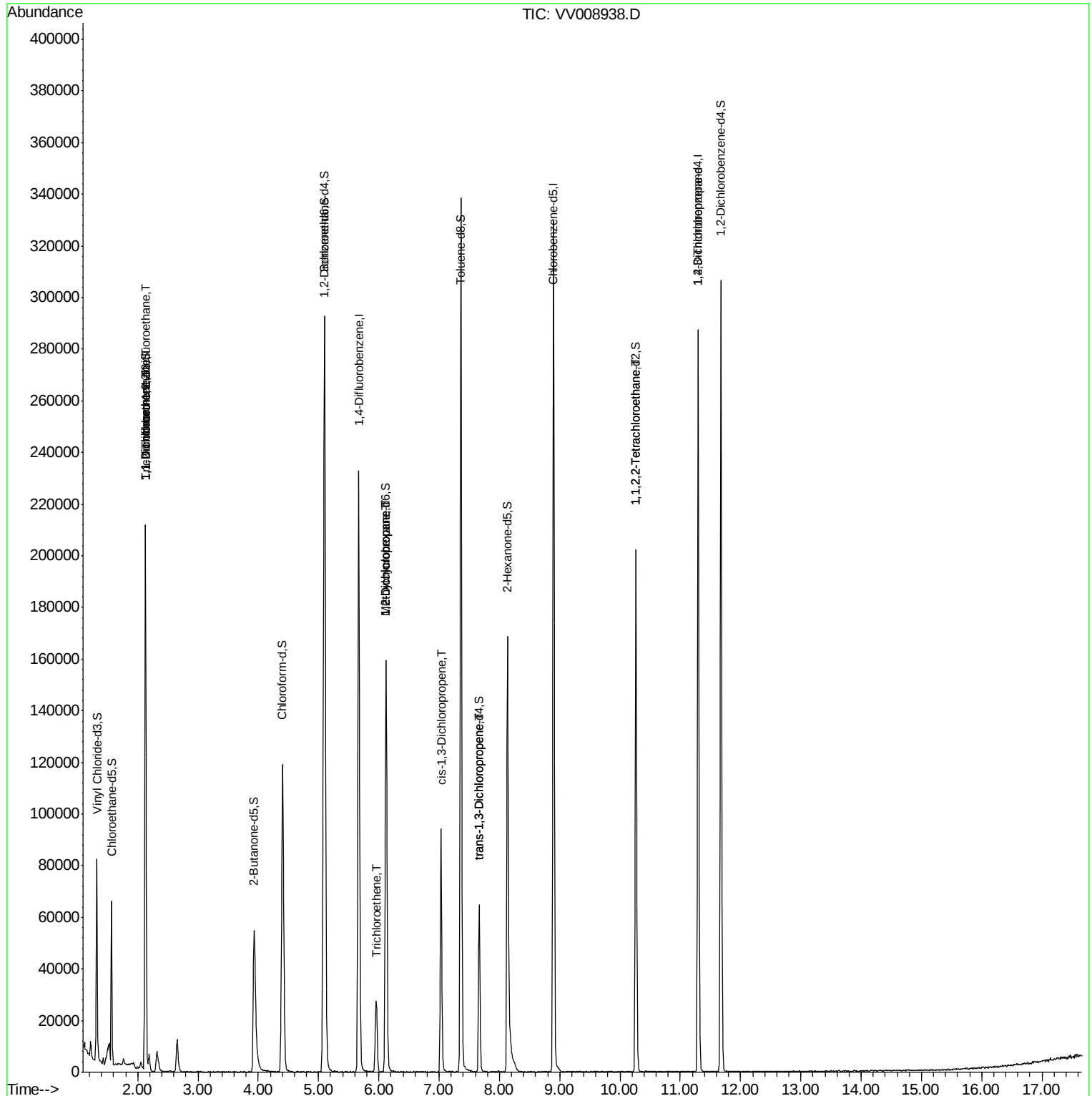
(#) = qualifier out of range (m) = manual integration (+) = signals summed

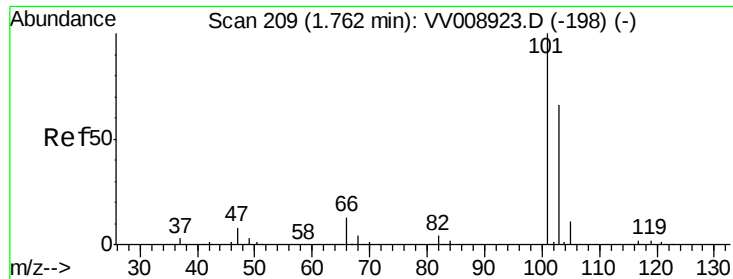
Data File : VV008938.D

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Acq On       : 14 Dec 2018   18:41
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Instrument :
MSVOA_V
ClientSampleId :
COL60

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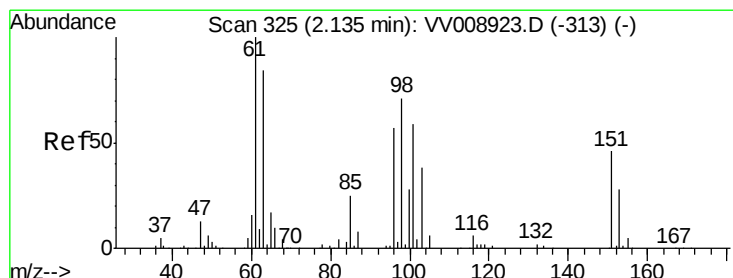
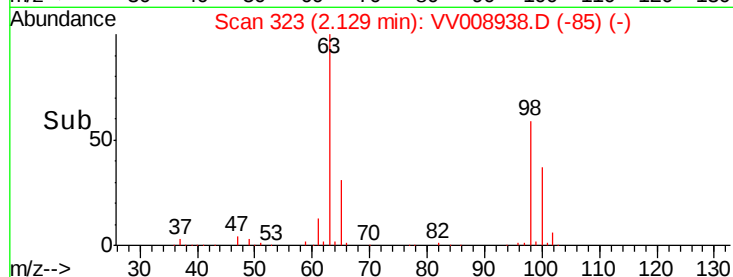
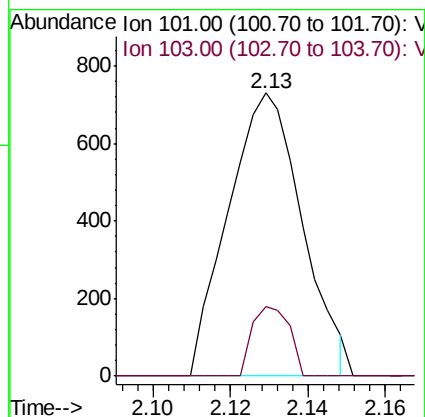
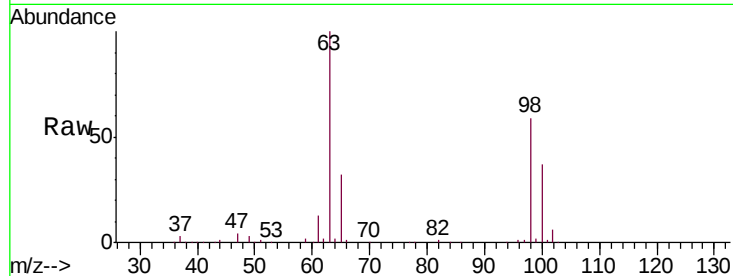


#9

Trichlorofluoromethane
 Concen: 0.427 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008938.D
 Acq: 14 Dec 2018 18:41

Instrument :
 MSVOA_V
 ClientSampleId :
 COL60

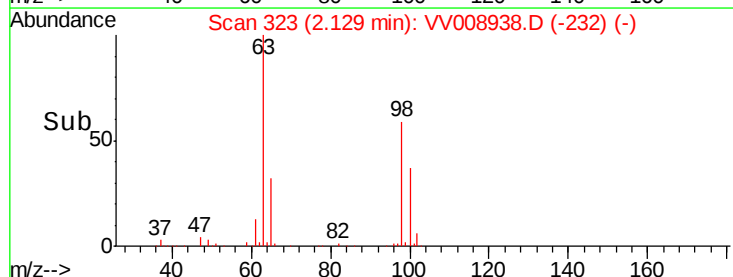
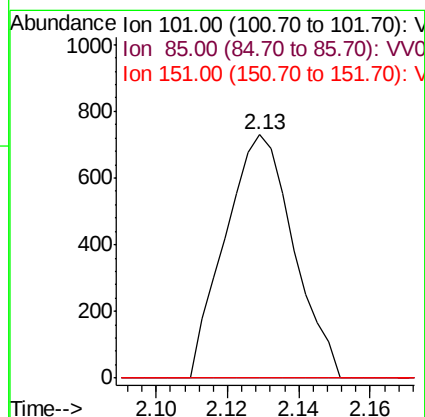
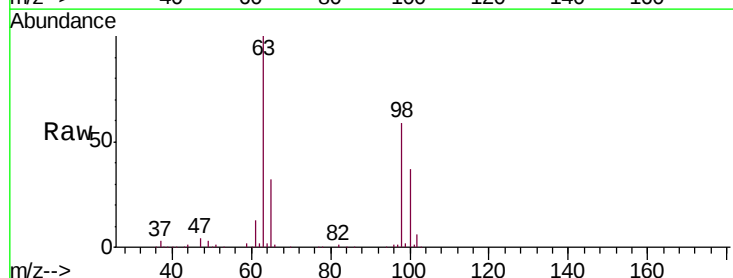
Tgt Ion:101 Resp: 966
 Ion Ratio Lower Upper
 101 100
 103 12.3 51.5 77.3#

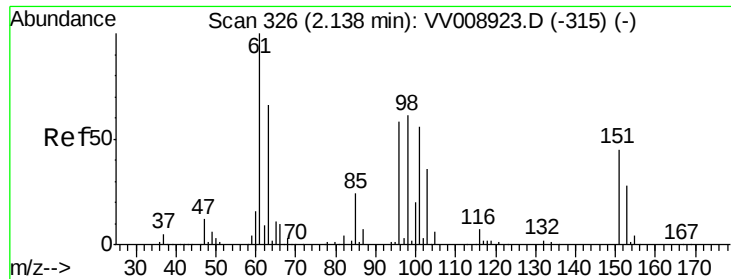


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.697 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008938.D
 Acq: 14 Dec 2018 18:41

Tgt Ion:101 Resp: 966
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

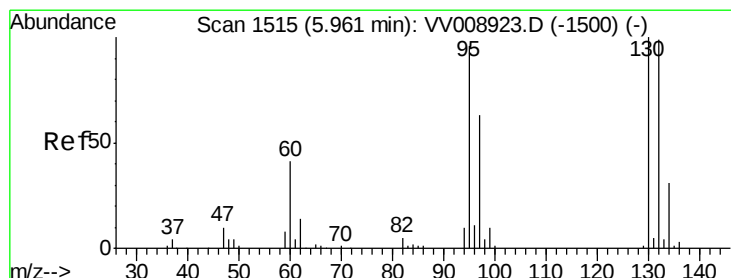
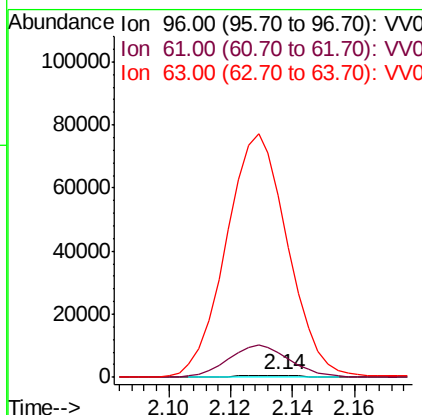
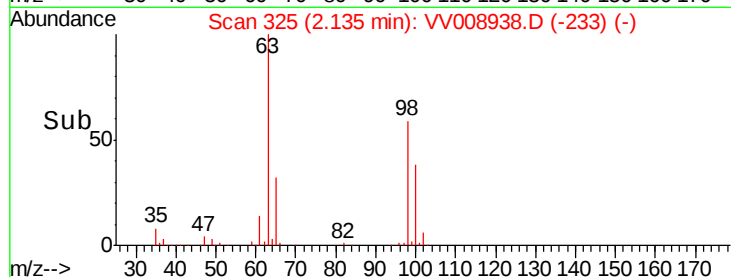
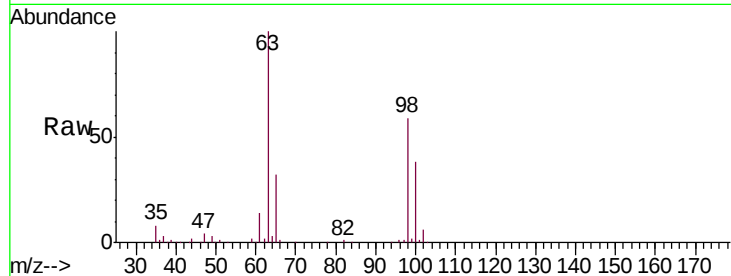




#12
 1,1-Dichloroethene
 Concen: 0.823 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV008938.D
 Acq: 14 Dec 2018 18:41

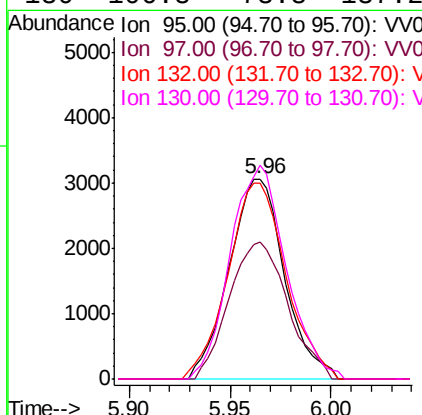
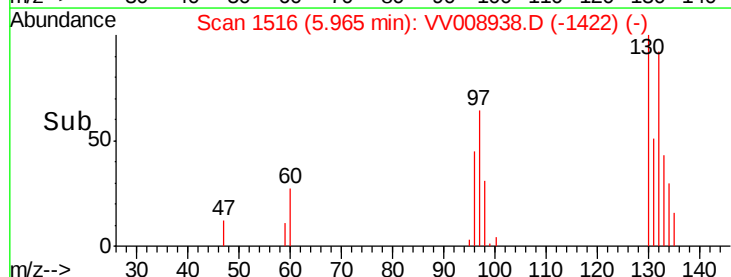
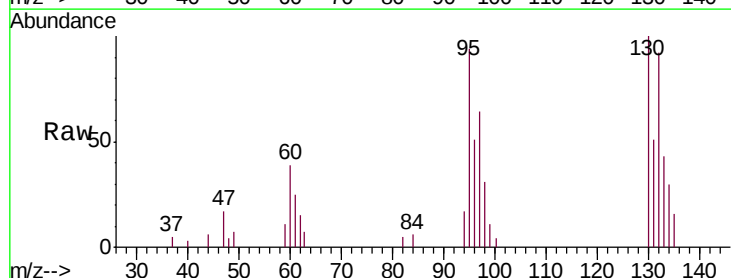
Instrument :
 MSVOA_V
 ClientSampled :
 COL60

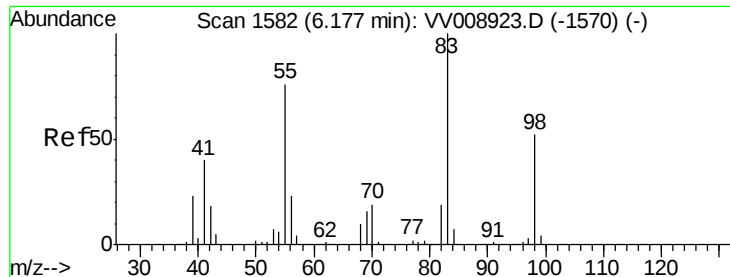
Tgt Ion: 96 Resp: 1037
 Ion Ratio Lower Upper
 96 100
 61 1136.2 119.1 221.3#
 63 8414.0 96.0 178.2#



#34
 Trichloroethene
 Concen: 3.906 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008938.D
 Acq: 14 Dec 2018 18:41

Tgt Ion: 95 Resp: 5884
 Ion Ratio Lower Upper
 95 100
 97 68.5 45.7 84.9
 132 98.0 72.2 134.2
 130 106.8 73.8 137.2

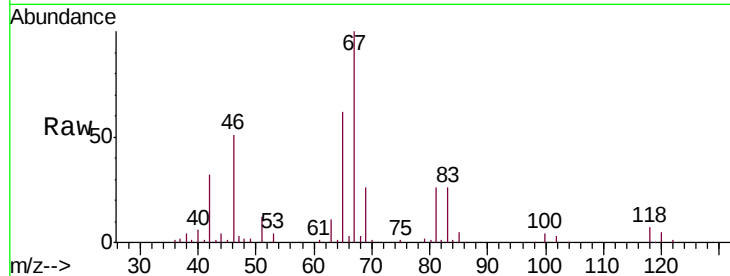




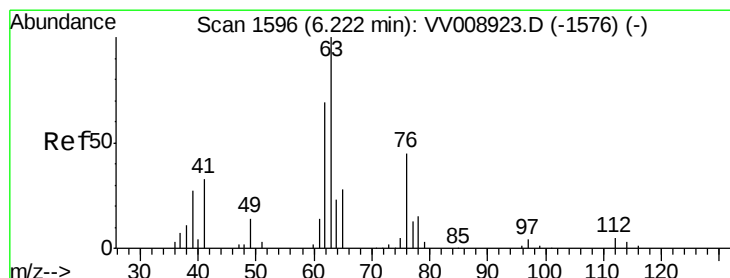
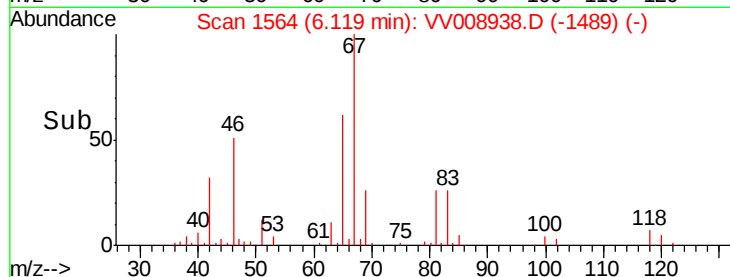
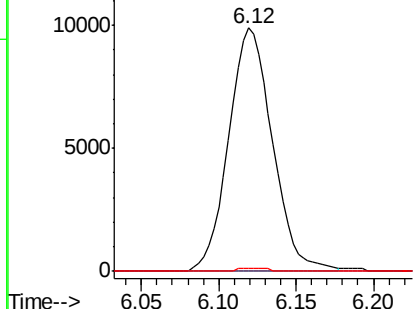
#35
Methylcyclohexane
Concen: 8.705 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008938.D
Acq: 14 Dec 2018 18:41

Instrument :
MSVOA_V
ClientSampled :
COL60

Tgt Ion: 83 Resp: 19449
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.9 39.0 58.4#

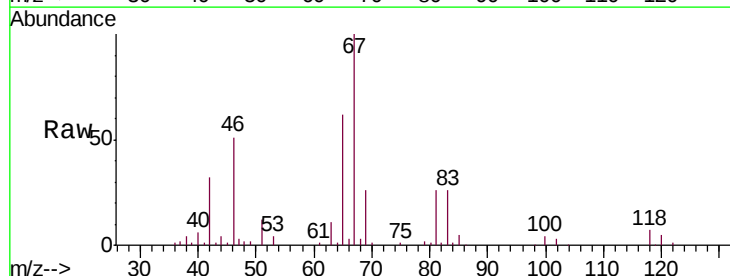


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

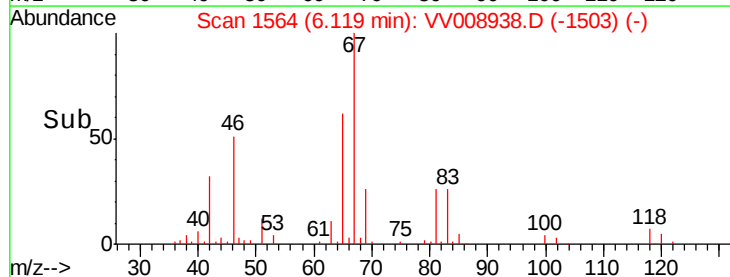
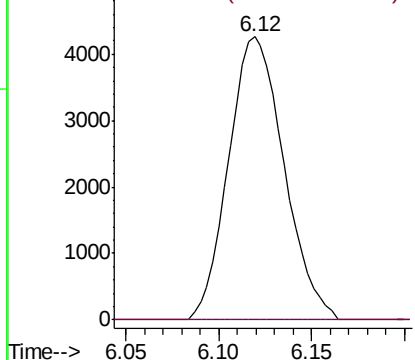


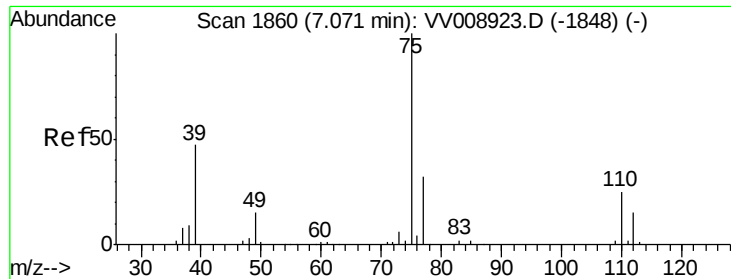
#37
1,2-Dichloropropane
Concen: 6.561 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008938.D
Acq: 14 Dec 2018 18:41

Tgt Ion: 63 Resp: 8852
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

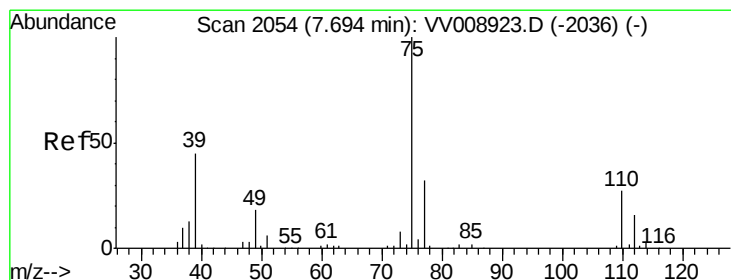
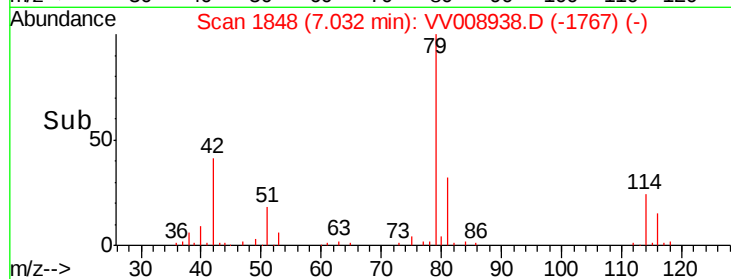
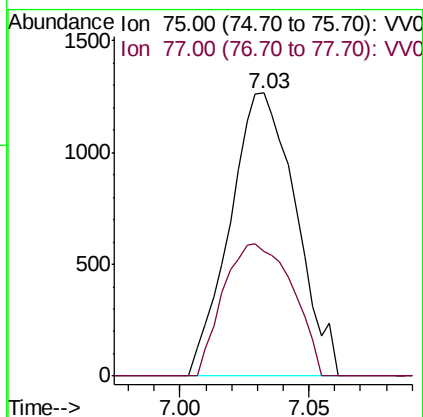
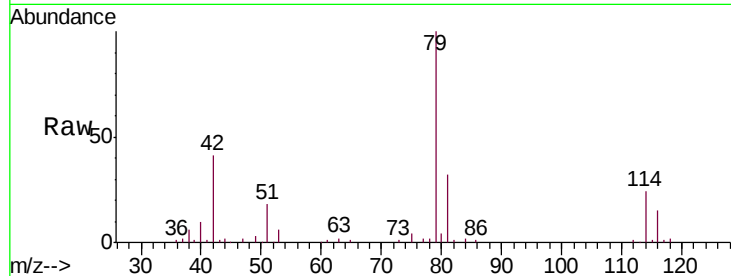




#39
 cis-1,3-Dichloropropene
 Concen: 1.049 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008938.D
 Acq: 14 Dec 2018 18:41

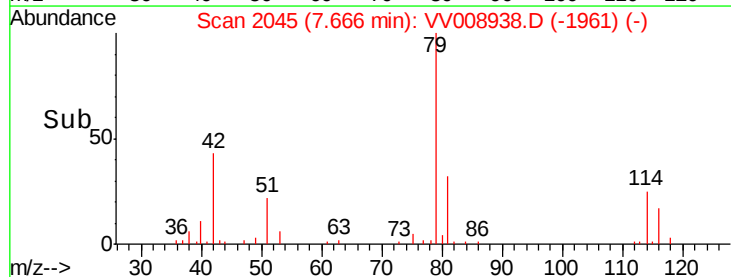
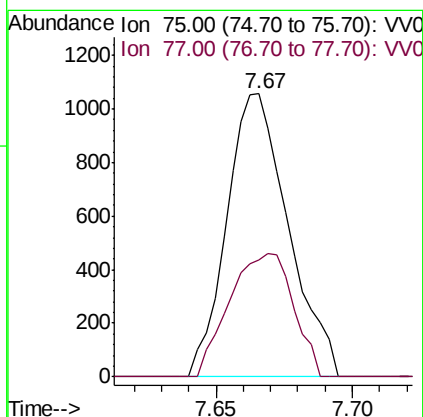
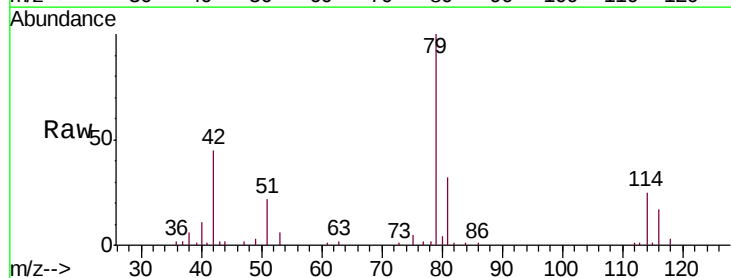
Instrument :
 MSVOA_V
 ClientSampled :
 COL60

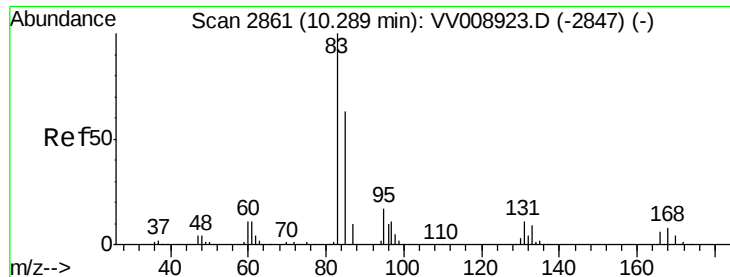
Tgt Ion: 75 Resp: 2257
 Ion Ratio Lower Upper
 75 100
 77 43.8 21.8 40.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.825 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008938.D
 Acq: 14 Dec 2018 18:41

Tgt Ion: 75 Resp: 1655
 Ion Ratio Lower Upper
 75 100
 77 41.2 21.6 40.2#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.373 ug/L

RT: 10.27 min Scan# 2854

Delta R.T. -0.02 min

Lab File: VV008938.D

Acq: 14 Dec 2018 18:41

Instrument :

MSVOA_V

ClientSampled :

COL60

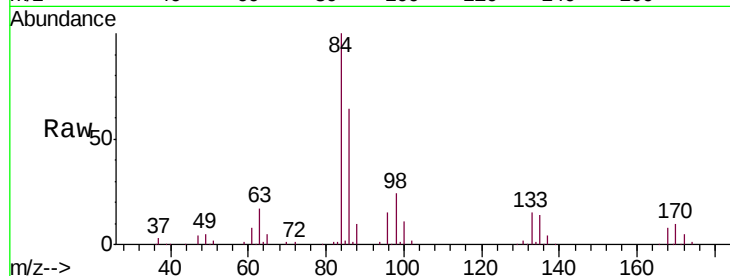
Tgt Ion: 83 Resp: 748

Ion Ratio Lower Upper

83 100

85 184.9 45.3 84.1#

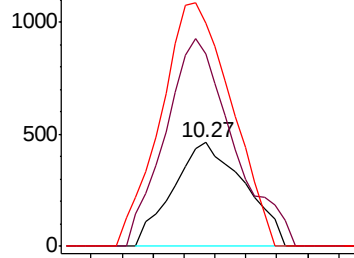
131 215.1 9.2 13.8#



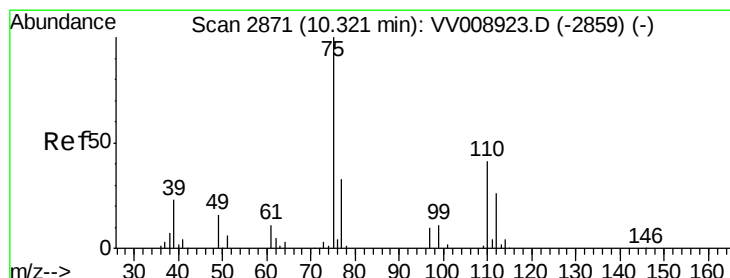
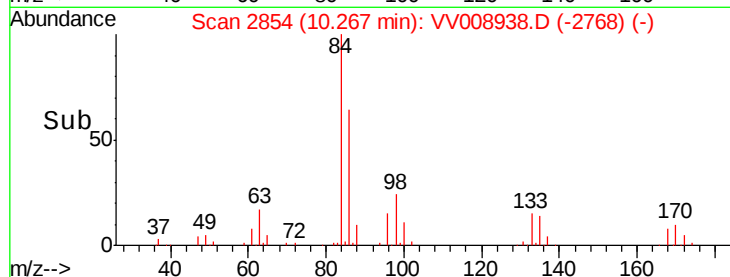
Abundance Ion 83.00 (82.70 to 83.70): VV008923.D (-2847) (-)

Ion 85.00 (84.70 to 85.70): VV008923.D (-2847) (-)

Ion 131.00 (130.70 to 131.70): VV008923.D (-2847) (-)



Time-->



#59

1,2,3-Trichloropropane

Concen: 4.716 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008938.D

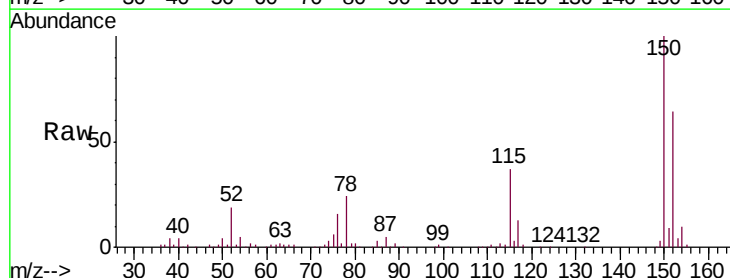
Acq: 14 Dec 2018 18:41

Tgt Ion: 75 Resp: 8013

Ion Ratio Lower Upper

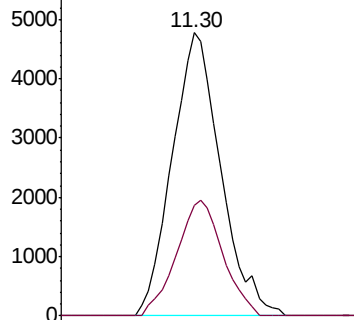
75 100

77 39.1 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV008923.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008923.D (-2859) (-)



Time-->

