

Data File : VV008931.D
Acq On : 14 Dec 2018 15:53
Operator : SY/MD
Sample : J6367-17
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL53

Quant Time: Dec 14 23:42:57 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	198750	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	182920	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76861	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53229	45.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.72%
7) Chloroethane-d5	1.57	69	41056	56.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.42%
11) 1,1-Dichloroethene-d2	2.13	63	106152	38.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.46%
21) 2-Butanone-d5	3.93	46	91464	118.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.03%
24) Chloroform-d	4.41	84	124459	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.52%
26) 1,2-Dichloroethane-d4	5.08	65	83369	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.70%
32) Benzene-d6	5.10	84	256158	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.94%
36) 1,2-Dichloropropane-d6	6.12	67	77504	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.64%
41) Toluene-d8	7.36	98	235271	50.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.70%
43) trans-1,3-Dichloropropene-	7.67	79	38394	51.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.22%
47) 2-Hexanone-d5	8.13	63	60423	110.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.21%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	94919	49.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.26%
64) 1,2-Dichlorobenzene-d4	11.67	152	83687	52.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.58%

Target Compounds

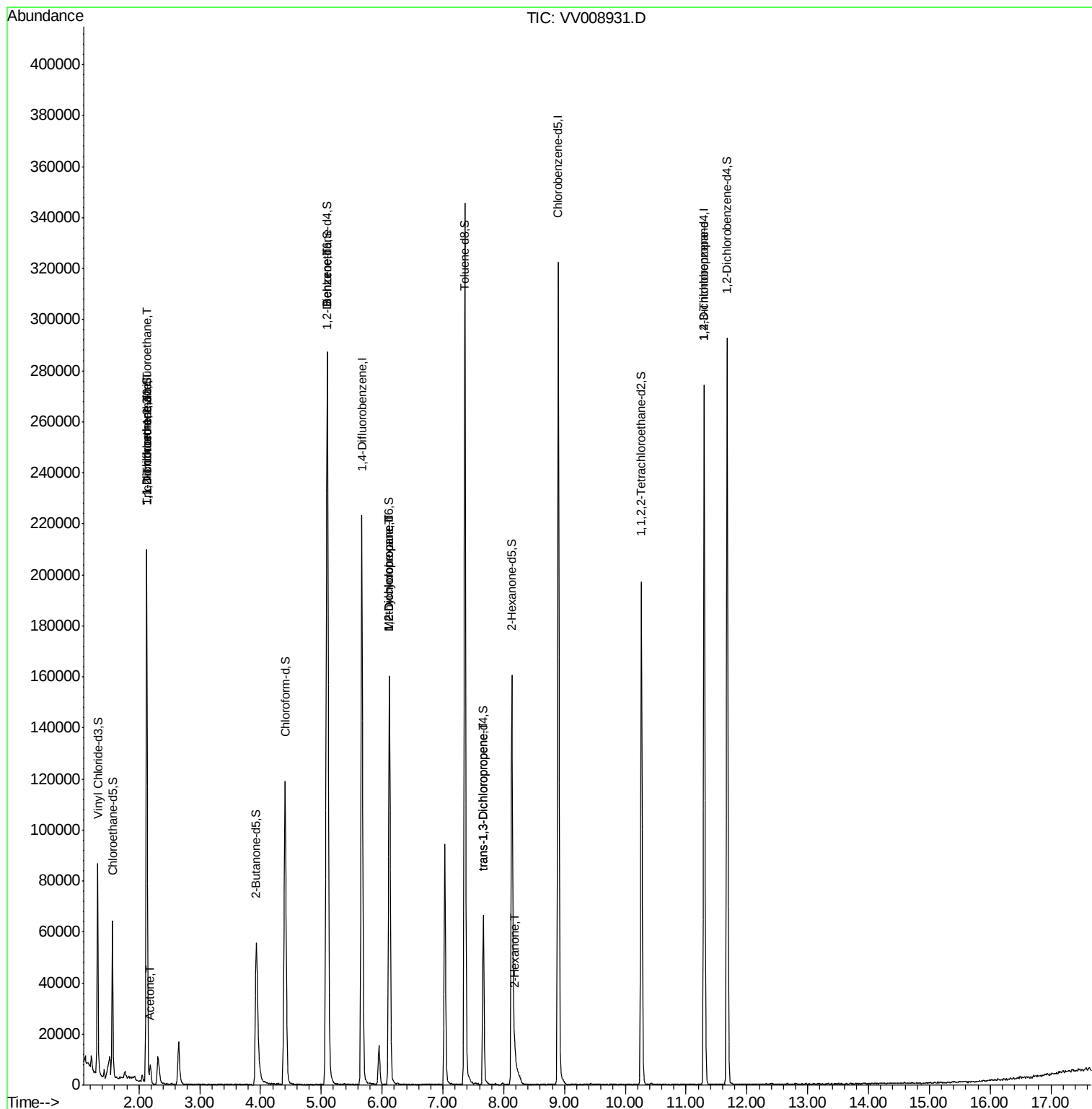
					Qvalue
9) Trichlorofluoromethane	2.13	101	1076	0.485 ug/L #	36
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1076	0.793 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	857	0.694 ug/L #	1
13) Acetone	2.19	43	3082	2.645 ug/L	95
33) Benzene	5.10	78	1956	0.388 ug/L	100
35) Methylcyclohexane	6.12	83	19297	8.940 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8759	6.719 ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	1472	0.760 ug/L	95
48) 2-Hexanone	8.18	43	3455	2.755 ug/L #	73
59) 1,2,3-Trichloropropane	11.30	75	7698	4.689 ug/L #	84

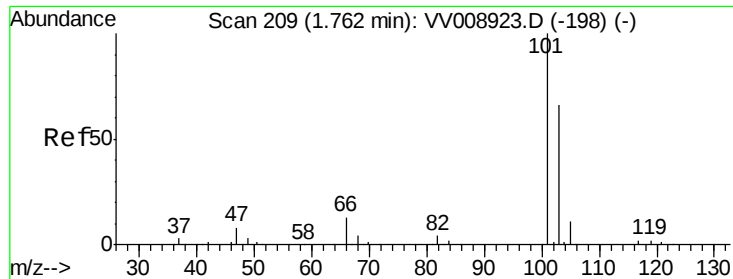
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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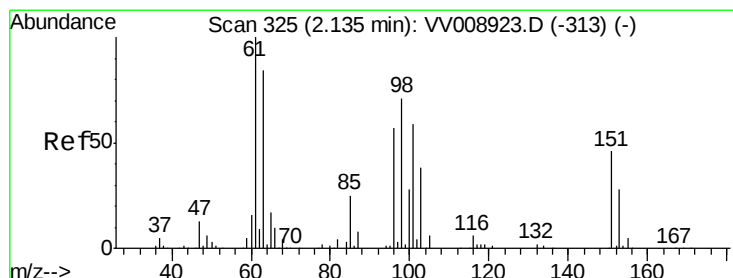
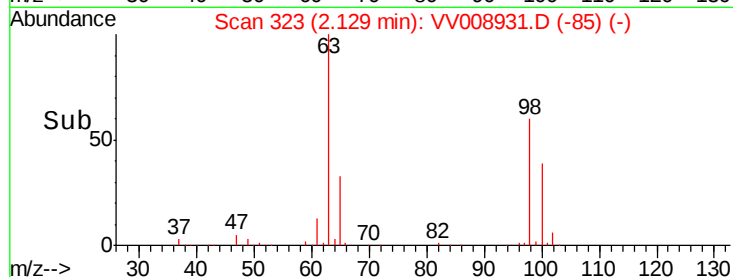
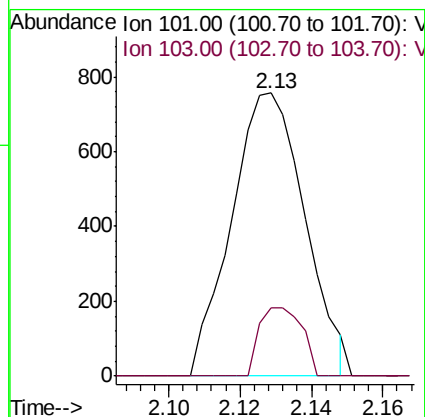
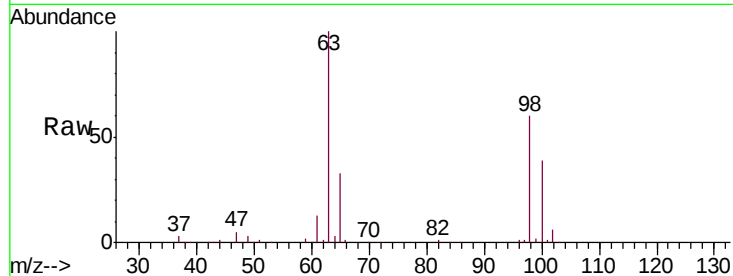


#9

Trichlorofluoromethane
 Concen: 0.485 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008931.D
 Acq: 14 Dec 2018 15:53

Instrument :
 MSVOA_V
 ClientSampleId :
 COL53

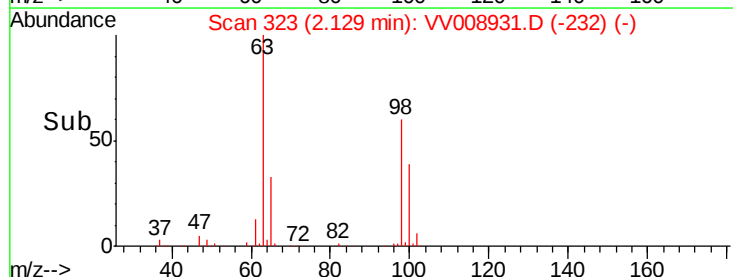
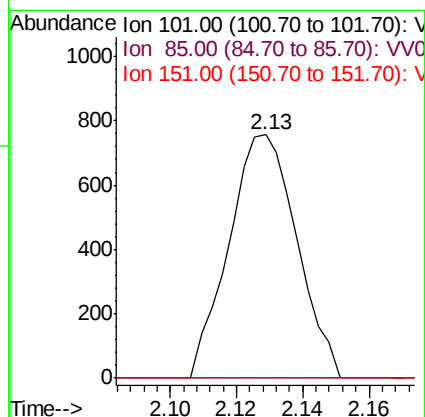
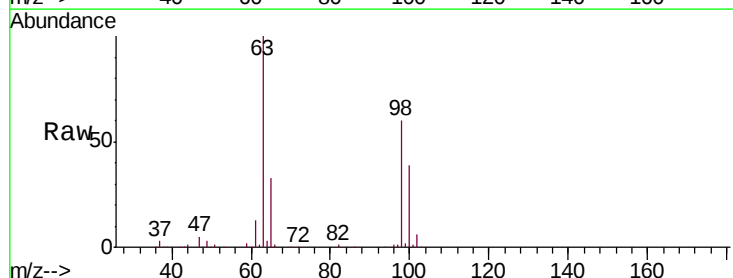
Tgt Ion:101 Resp: 1076
 Ion Ratio Lower Upper
 101 100
 103 14.0 51.5 77.3#

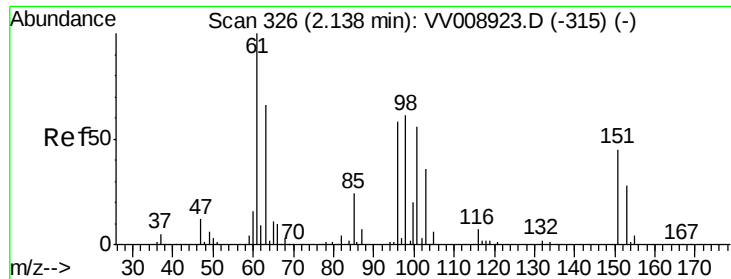


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.793 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008931.D
 Acq: 14 Dec 2018 15:53

Tgt Ion:101 Resp: 1076
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

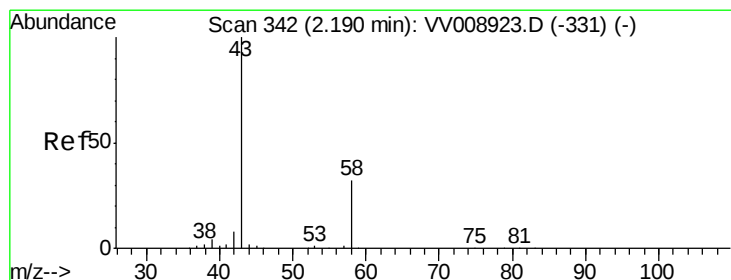
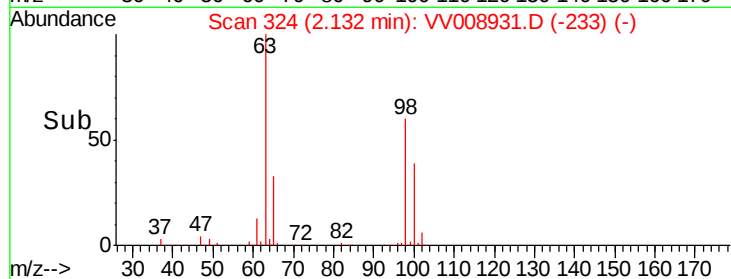
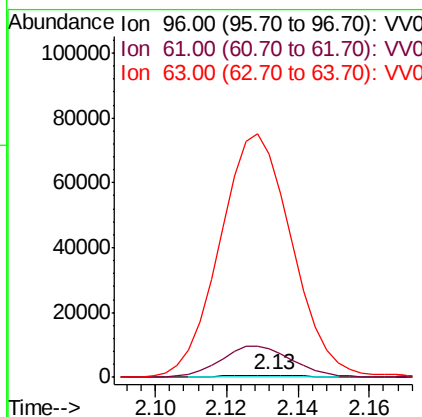
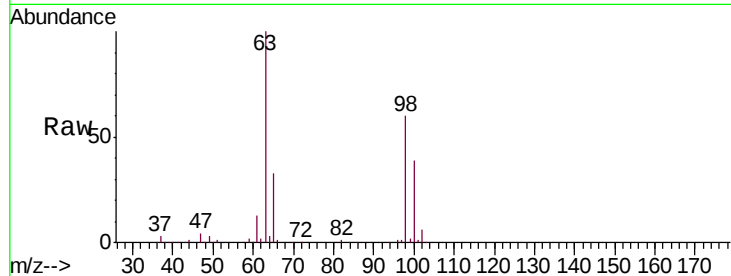




#12
 1,1-Dichloroethene
 Concen: 0.694 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV008931.D
 Acq: 14 Dec 2018 15:53

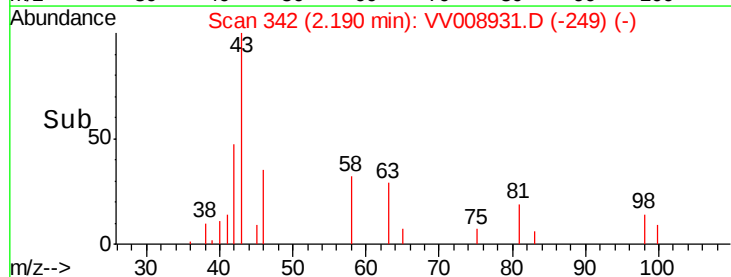
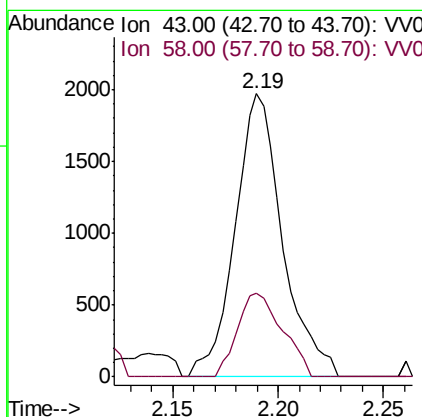
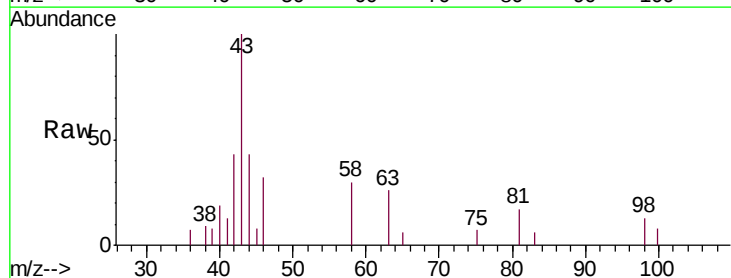
Instrument :
 MSVOA_V
 ClientSampleId :
 COL53

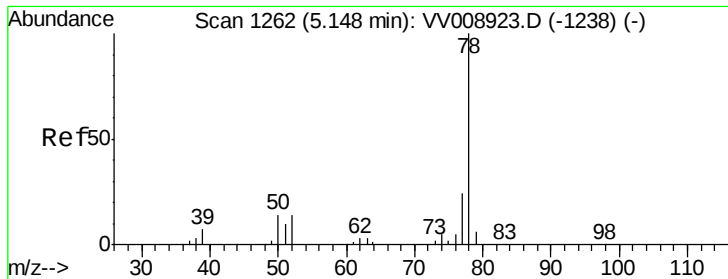
Tgt Ion: 96 Resp: 857
 Ion Ratio Lower Upper
 96 100
 61 1543.0 119.1 221.3#
 63 12189.7 96.0 178.2#



#13
 Acetone
 Concen: 2.645 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VV008931.D
 Acq: 14 Dec 2018 15:53

Tgt Ion: 43 Resp: 3082
 Ion Ratio Lower Upper
 43 100
 58 27.9 0.0 61.8





#33

Benzene

Concen: 0.388 ug/L

RT: 5.10 min Scan# 1248

Delta R.T. -0.05 min

Lab File: VV008931.D

Acq: 14 Dec 2018 15:53

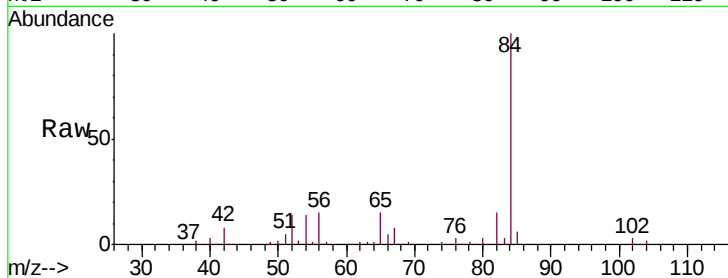
Instrument :

MSVOA_V

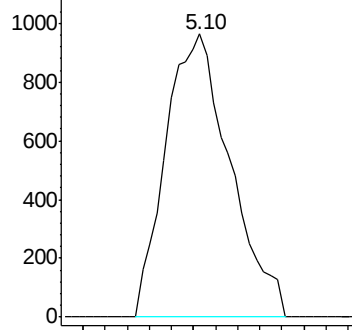
ClientSampled :

COL53

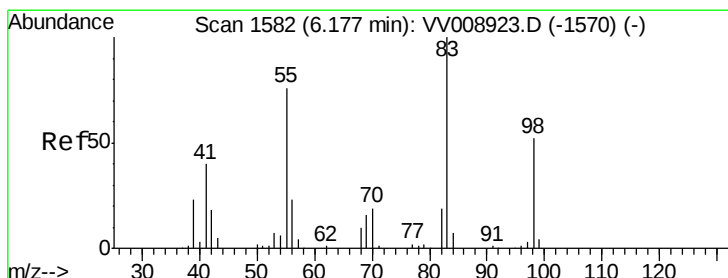
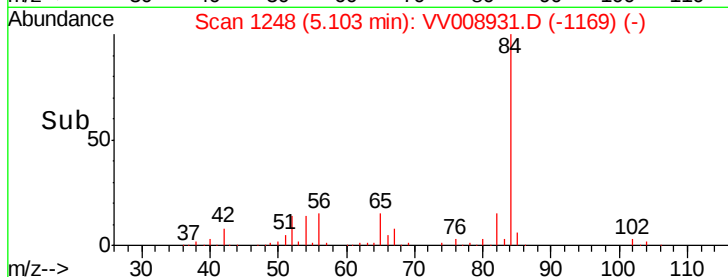
Tgt Ion: 78 Resp: 1956



Abundance Ion 78.00 (77.70 to 78.70): VV0



Time-->



#35

Methylcyclohexane

Concen: 8.940 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008931.D

Acq: 14 Dec 2018 15:53

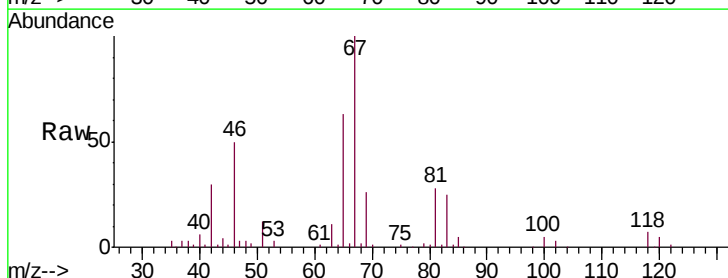
Tgt Ion: 83 Resp: 19297

Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

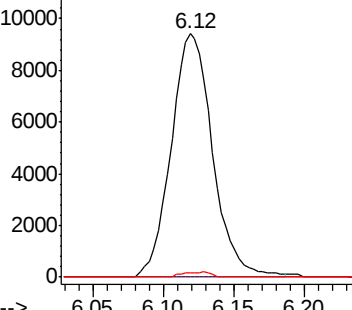
98 1.4 39.0 58.4#



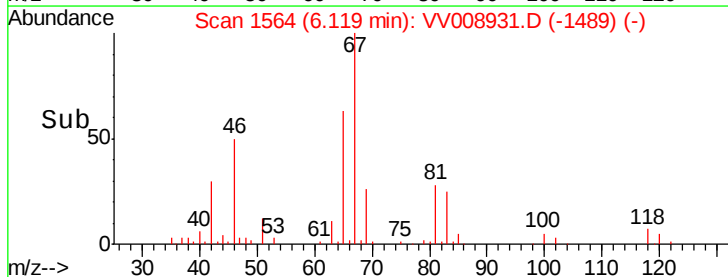
Abundance Ion 83.00 (82.70 to 83.70): VV0

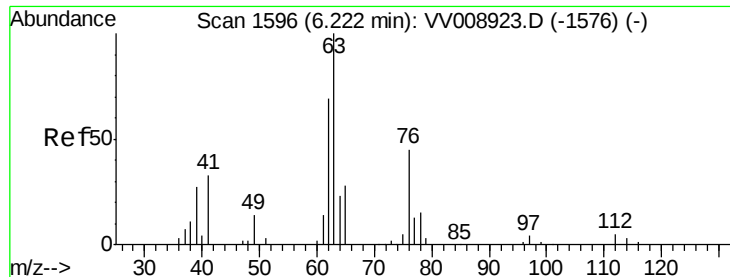
Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



Time-->

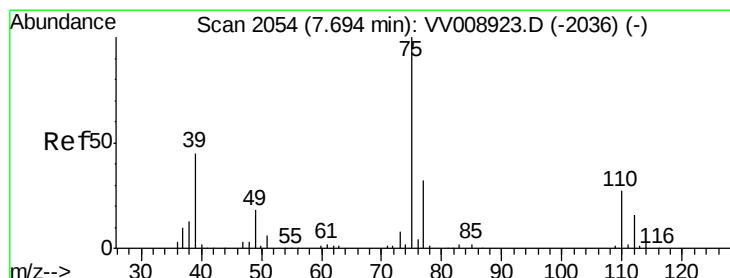
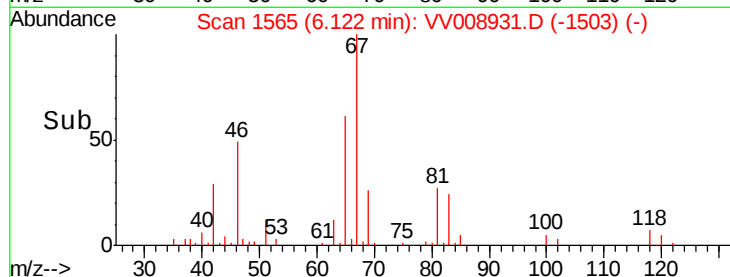
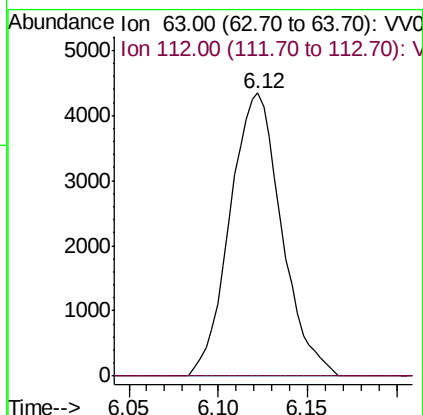
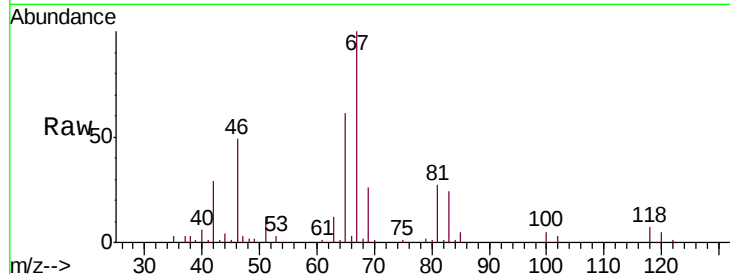




#37
 1,2-Dichloropropane
 Concen: 6.719 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008931.D
 Acq: 14 Dec 2018 15:53

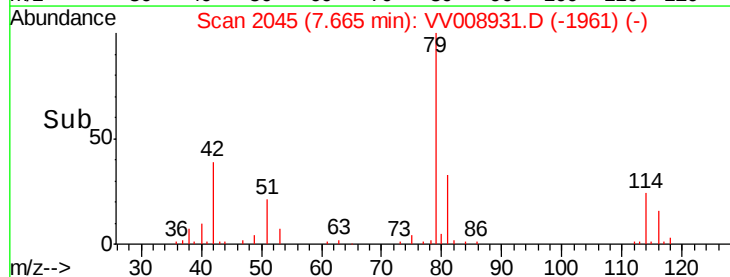
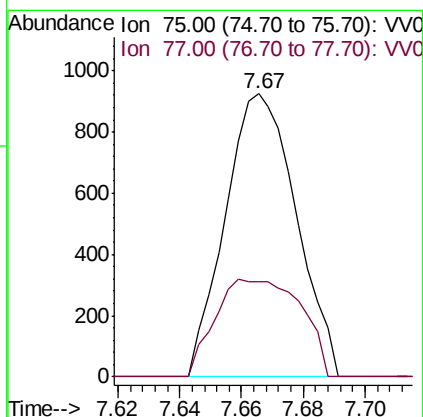
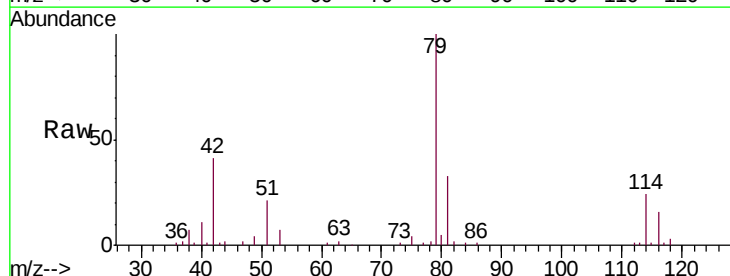
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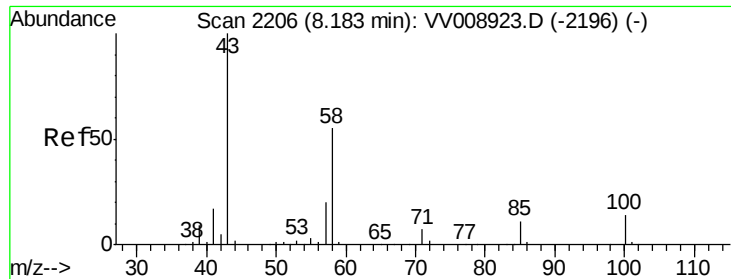
Tgt Ion: 63 Resp: 8759
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.760 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008931.D
 Acq: 14 Dec 2018 15:53

Tgt Ion: 75 Resp: 1472
 Ion Ratio Lower Upper
 75 100
 77 33.5 21.6 40.2

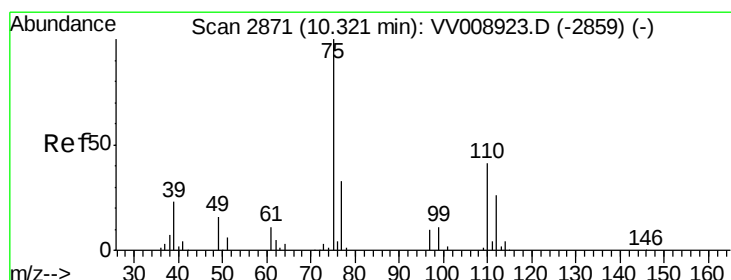
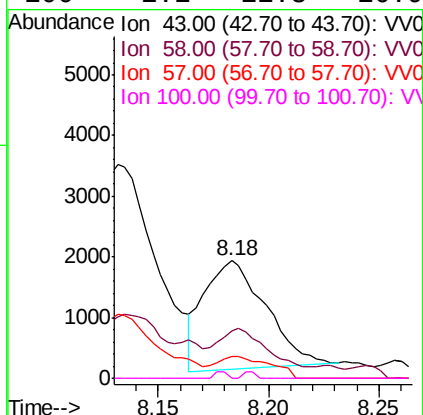
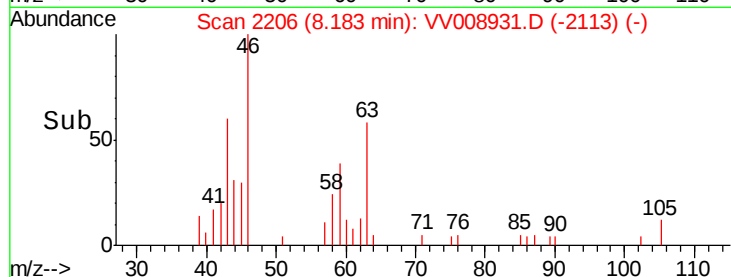
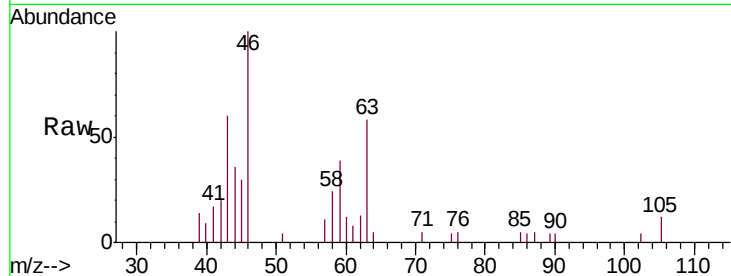




#48
2-Hexanone
Concen: 2.755 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV008931.D
Acq: 14 Dec 2018 15:53

Instrument :
MSVOA_V
ClientSampleId :
COL53

Tgt Ion: 43 Resp: 3455
Ion Ratio Lower Upper
43 100
58 29.6 42.7 64.1#
57 17.6 15.7 23.5
100 1.1 11.3 16.9#



#59
1,2,3-Trichloropropane
Concen: 4.689 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008931.D
Acq: 14 Dec 2018 15:53

Tgt Ion: 75 Resp: 7698
Ion Ratio Lower Upper
75 100
77 41.0 25.8 38.8#

