

Data File : VV008981.D
Acq On : 17 Dec 2018 15:41
Operator : SY/MD
Sample : J6369-20
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLB5

Quant Time: Dec 18 01:51:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	203294	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80002	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57866	48.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.48%
7) Chloroethane-d5	1.57	69	48732	65.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	130.44%#
11) 1,1-Dichloroethene-d2	2.13	63	112938	40.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.56%
21) 2-Butanone-d5	3.93	46	92905	117.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.20%
24) Chloroform-d	4.41	84	124997	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
26) 1,2-Dichloroethane-d4	5.08	65	82789	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.62%
32) Benzene-d6	5.10	84	259036	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
36) 1,2-Dichloropropane-d6	6.12	67	79171	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.80%
41) Toluene-d8	7.36	98	244171	51.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.48%
43) trans-1,3-Dichloropropene-	7.67	79	38377	49.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.20%
47) 2-Hexanone-d5	8.13	63	62355	110.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89128	45.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.50%
64) 1,2-Dichlorobenzene-d4	11.68	152	84918	51.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.92%

Target Compounds

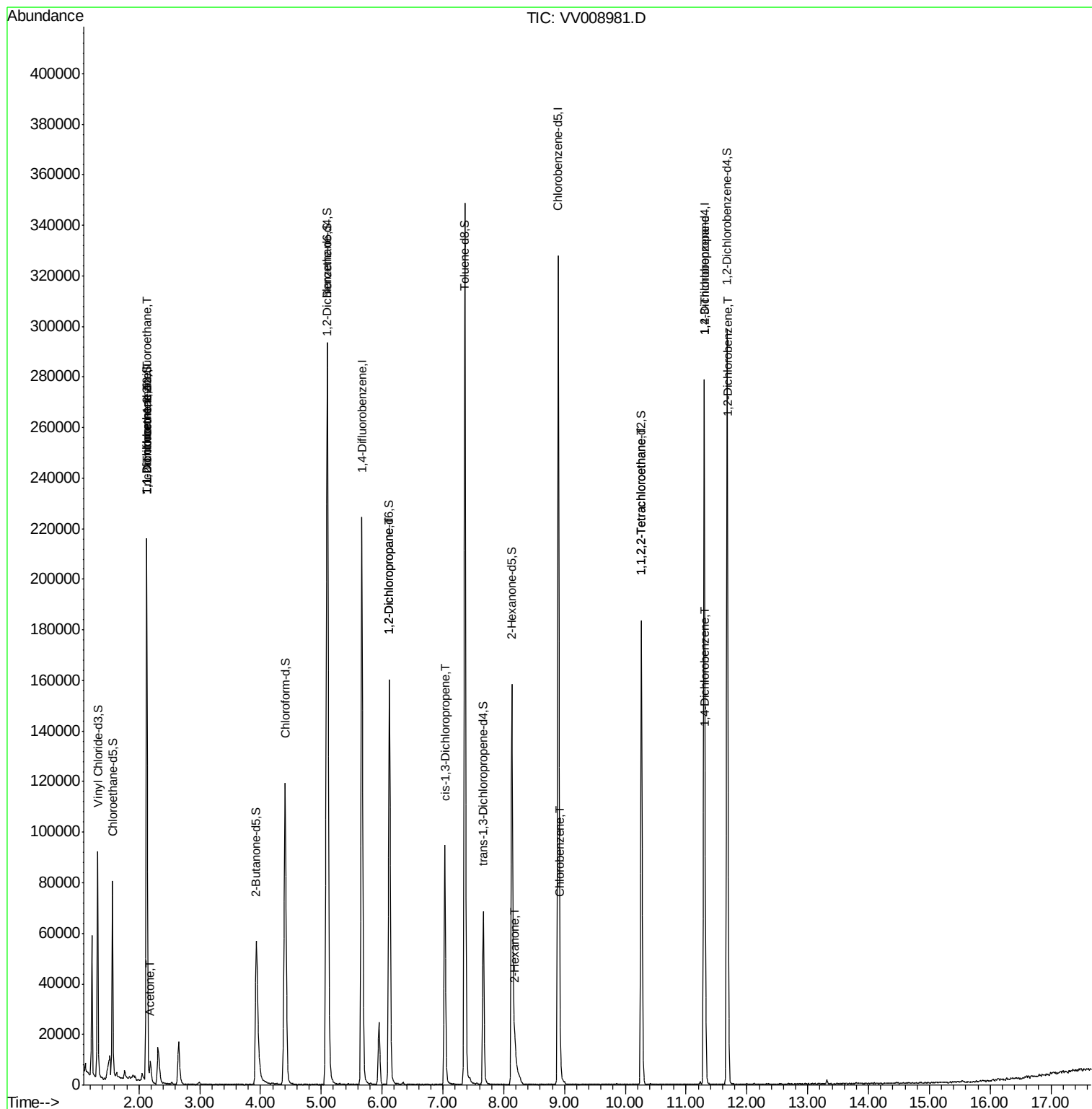
						Qvalue
9) Trichlorofluoromethane	2.13	101	962	0.424	ug/L #	30
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	962	0.693	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	937	0.742	ug/L #	1
13) Acetone	2.19	43	4217	3.538	ug/L	87
37) 1,2-Dichloropropane	6.12	63	8389	6.249	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2301	1.075	ug/L #	61
48) 2-Hexanone	8.18	43	5285	4.092	ug/L #	71
51) Chlorobenzene	8.93	112	5874	1.549	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.27	83	827	0.414	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	9324	5.515	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	4952	1.918	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	4758	1.827	ug/L #	84

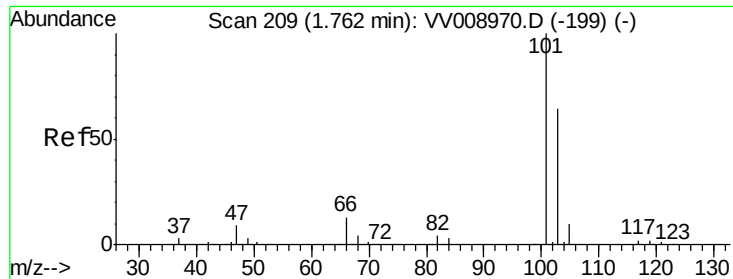
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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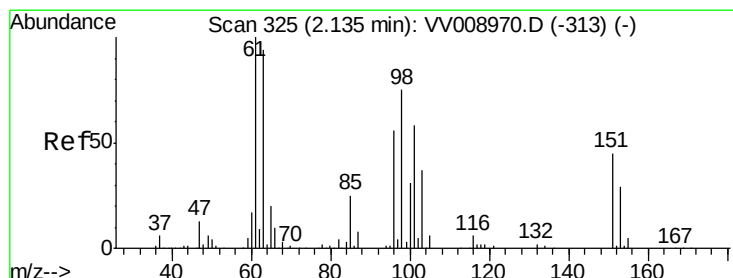
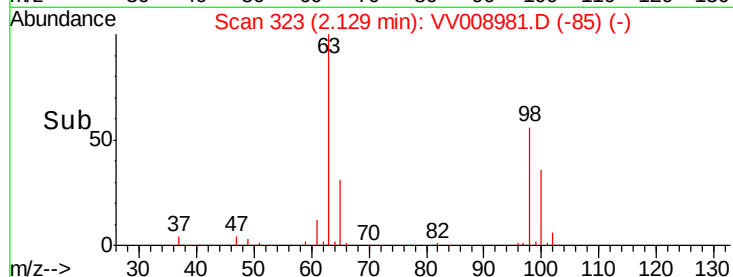
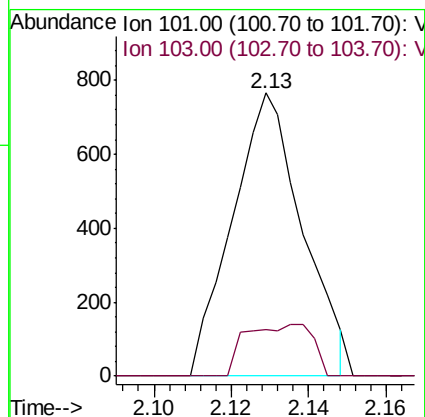
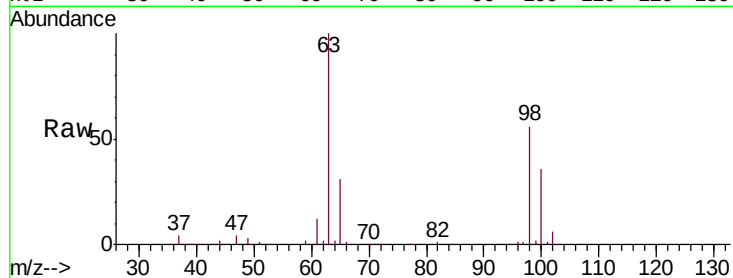




#9
 Trichlorofluoromethane
 Concen: 0.424 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008981.D
 Acq: 17 Dec 2018 15:41

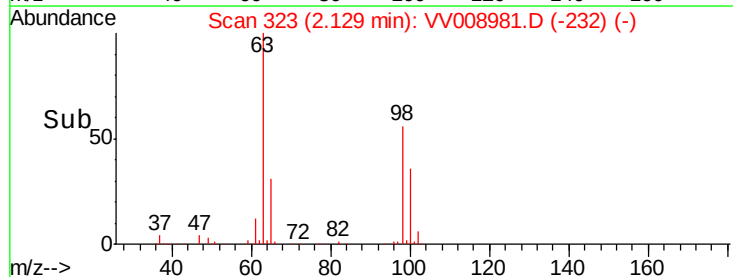
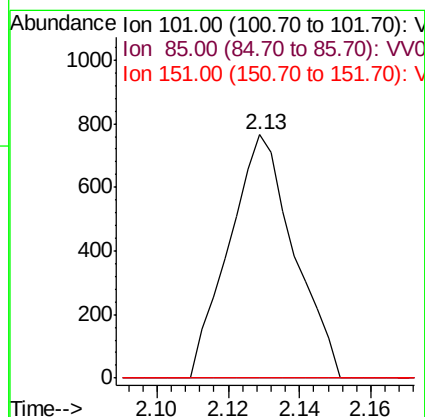
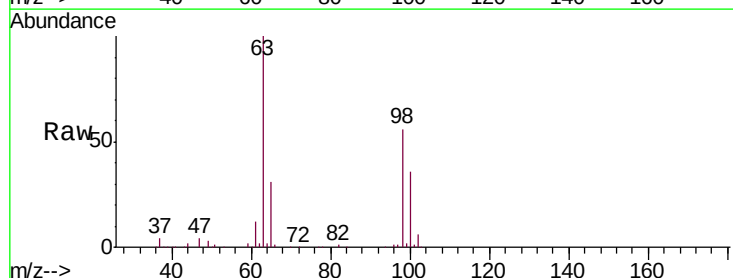
Instrument :
 MSVOA_V
 ClientSampleId :
 COLB5

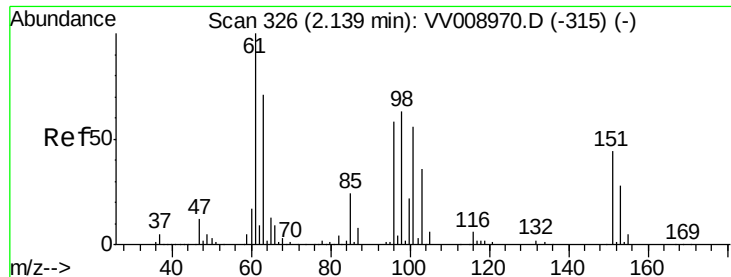
Tgt Ion:101 Resp: 962
 Ion Ratio Lower Upper
 101 100
 103 9.8 51.5 77.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.693 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008981.D
 Acq: 17 Dec 2018 15:41

Tgt Ion:101 Resp: 962
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 63.8 95.8#

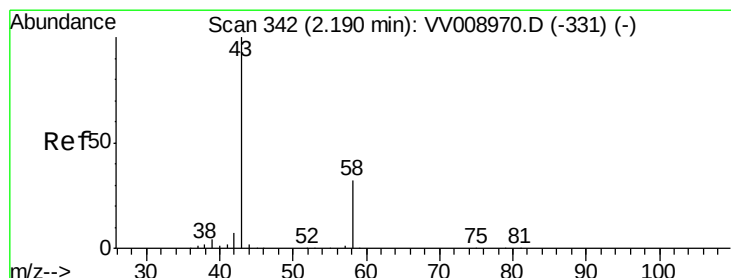
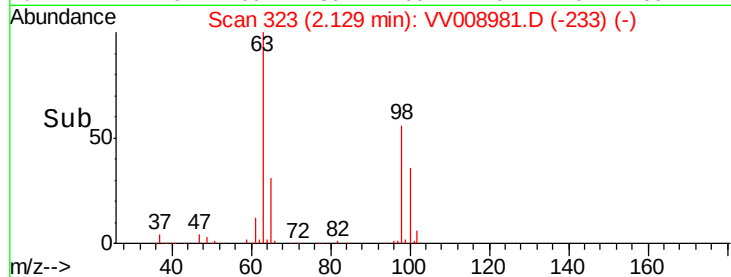
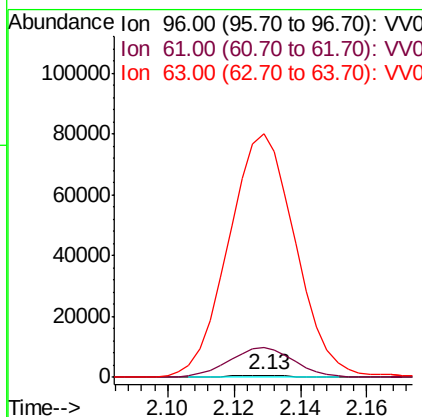
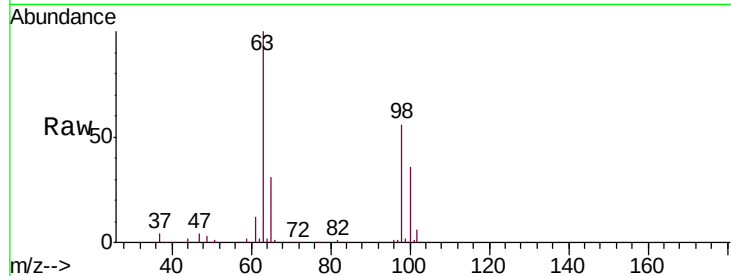




#12
 1,1-Dichloroethene
 Concen: 0.742 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008981.D
 Acq: 17 Dec 2018 15:41

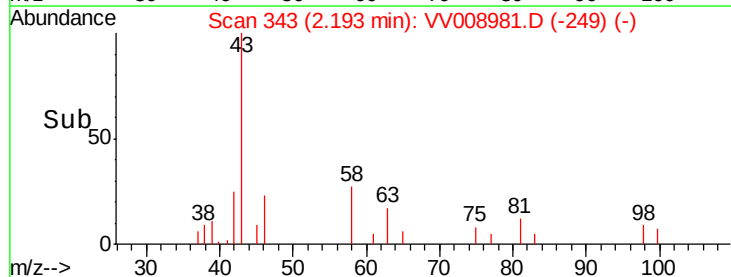
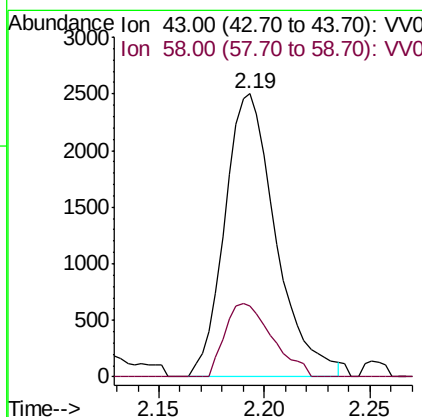
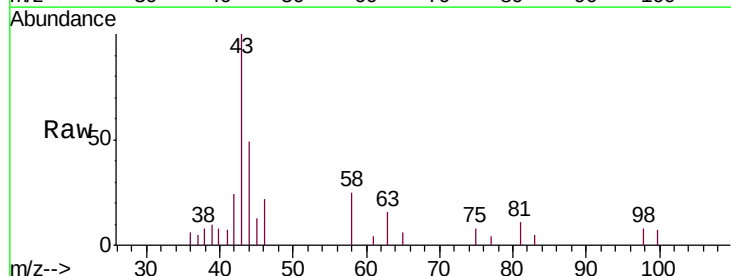
Instrument :
 MSVOA_V
 ClientSampleId :
 COLB5

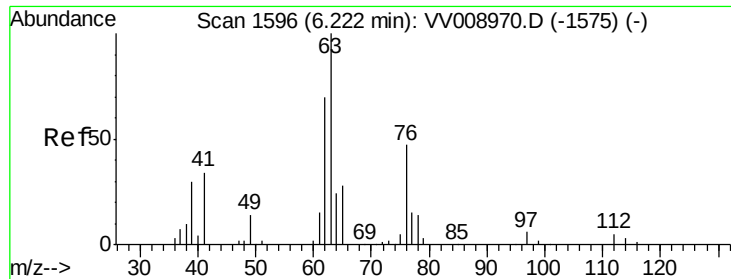
Tgt Ion: 96 Resp: 937
 Ion Ratio Lower Upper
 96 100
 61 1414.3 119.1 221.3#
 63 11681.6 96.0 178.2#



#13
 Acetone
 Concen: 3.538 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV008981.D
 Acq: 17 Dec 2018 15:41

Tgt Ion: 43 Resp: 4217
 Ion Ratio Lower Upper
 43 100
 58 24.0 0.0 61.8





#37

1,2-Dichloropropane

Concen: 6.249 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV008981.D

Acq: 17 Dec 2018 15:41

Instrument :

MSVOA_V

ClientSampled :

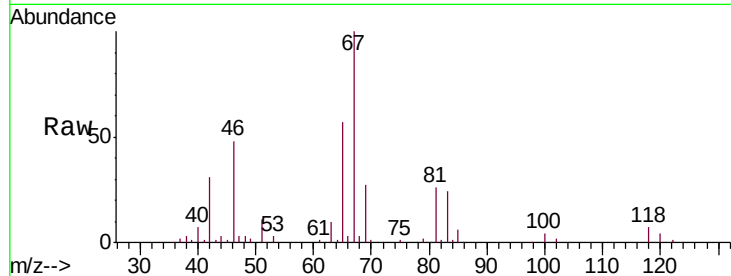
C0LB5

Tgt Ion: 63 Resp: 8389

Ion Ratio Lower Upper

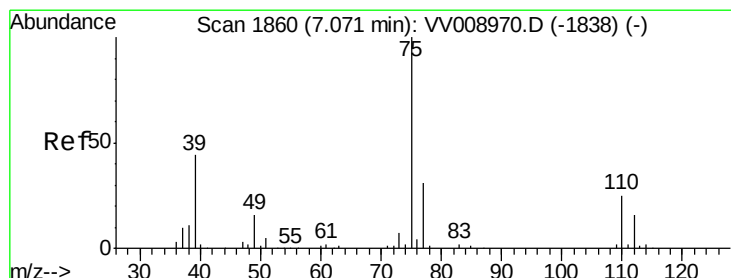
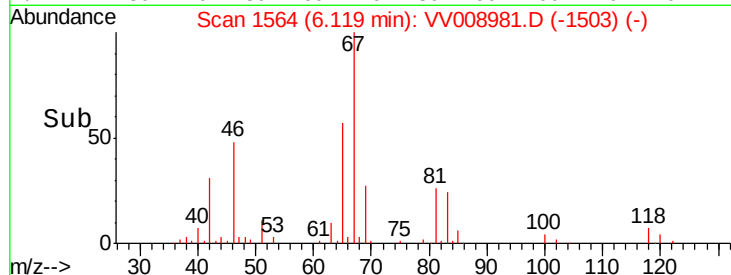
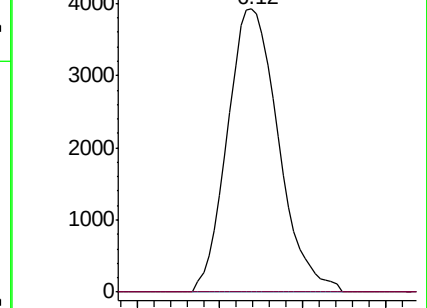
63 100

112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV008970.D (-1575) (-)

Ion 112.00 (111.70 to 112.70): VV008970.D (-1575) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.075 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV008981.D

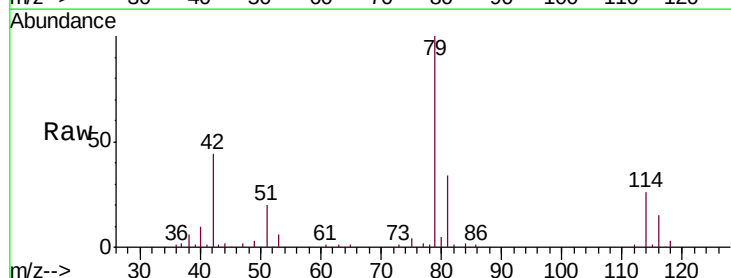
Acq: 17 Dec 2018 15:41

Tgt Ion: 75 Resp: 2301

Ion Ratio Lower Upper

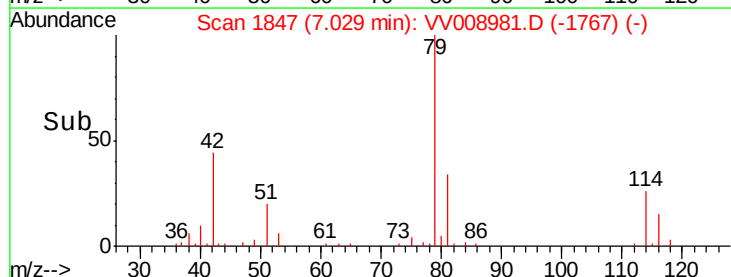
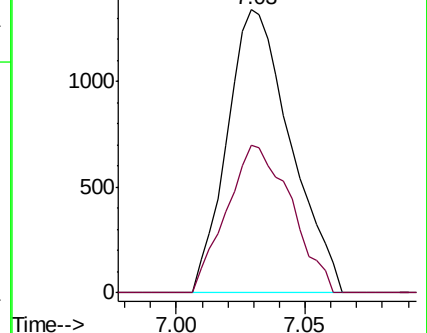
75 100

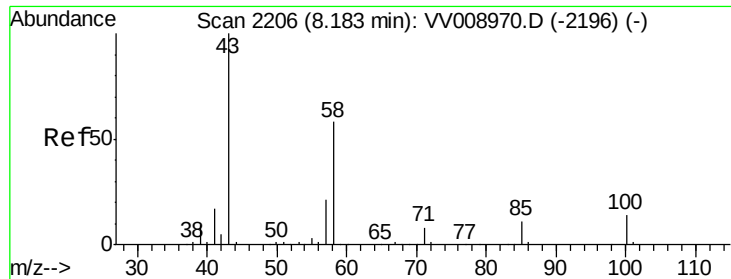
77 52.3 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV008970.D (-1838) (-)

Ion 77.00 (76.70 to 77.70): VV008970.D (-1838) (-)

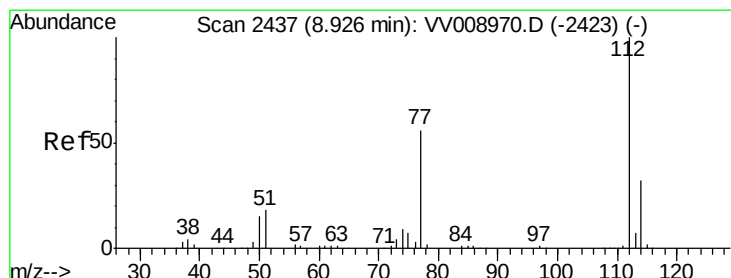
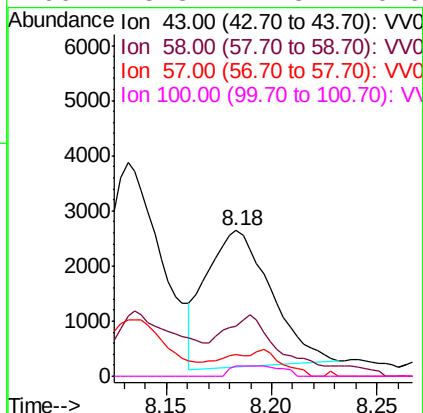
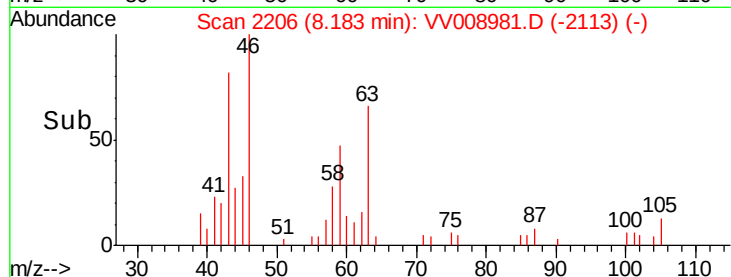
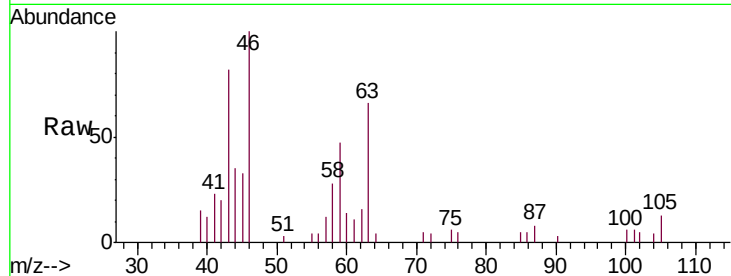




#48
2-Hexanone
Concen: 4.092 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV008981.D
Acq: 17 Dec 2018 15:41

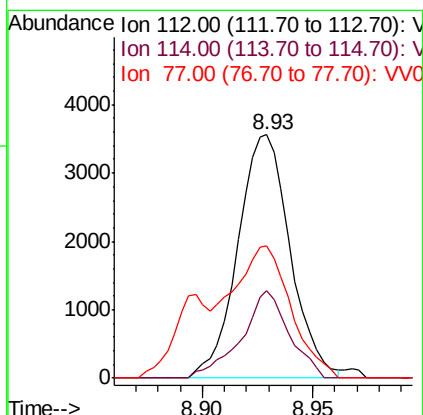
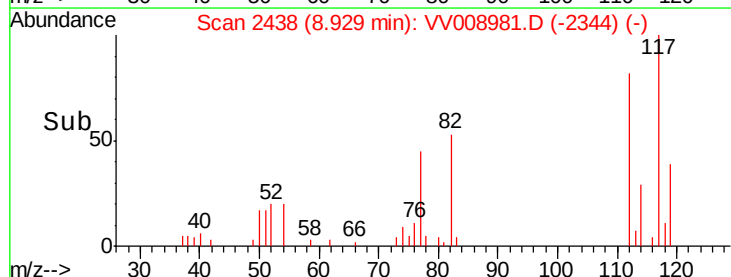
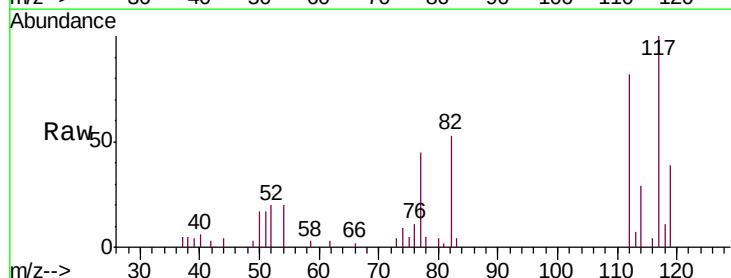
Instrument :
MSVOA_V
ClientSampleId :
COLB5

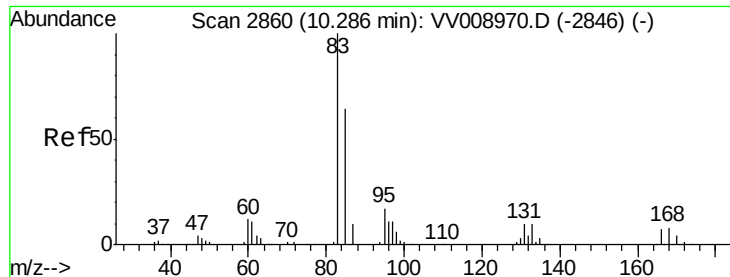
Tgt Ion: 43 Resp: 5285
Ion Ratio Lower Upper
43 100
58 31.9 42.7 64.1#
57 6.3 15.7 23.5#
100 3.3 11.3 16.9#



#51
Chlorobenzene
Concen: 1.549 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008981.D
Acq: 17 Dec 2018 15:41

Tgt Ion: 112 Resp: 5874
Ion Ratio Lower Upper
112 100
114 35.8 22.3 41.5
77 54.6 45.2 67.8





#58

1,1,2,2-Tetrachloroethane

Concen: 0.414 ug/L

RT: 10.27 min Scan# 2855

Delta R.T. -0.02 min

Lab File: VV008981.D

Acq: 17 Dec 2018 15:41

Instrument :

MSVOA_V

ClientSampled :

C0LB5

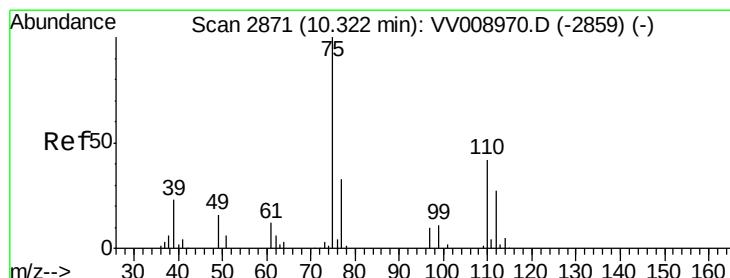
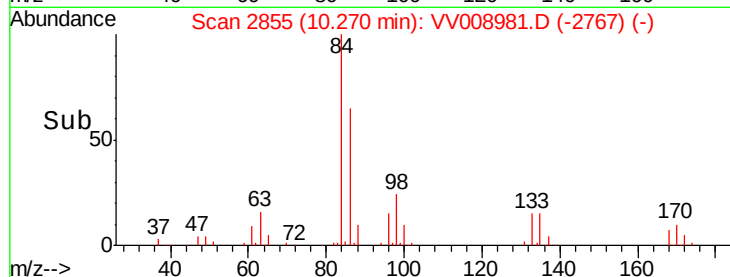
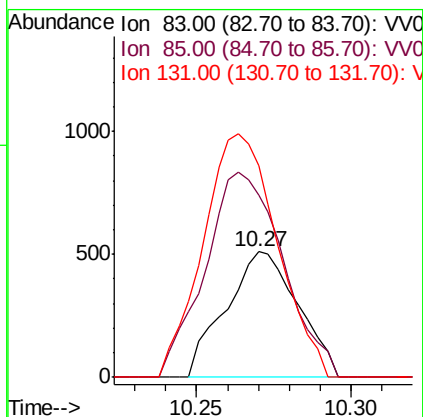
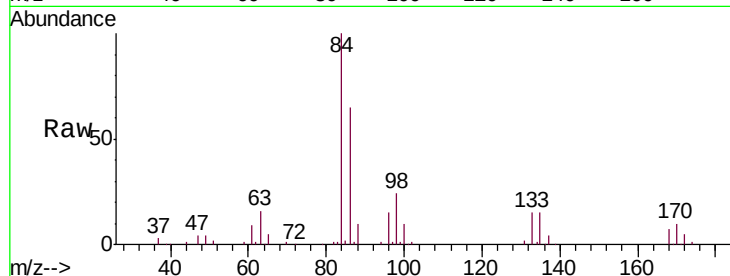
Tgt Ion: 83 Resp: 827

Ion Ratio Lower Upper

83 100

85 145.7 45.3 84.1#

131 168.4 9.2 13.8#



#59

1,2,3-Trichloropropane

Concen: 5.515 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008981.D

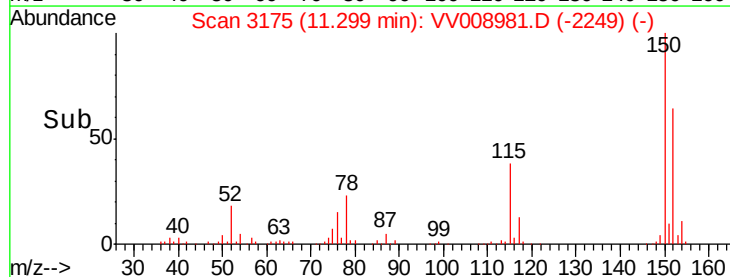
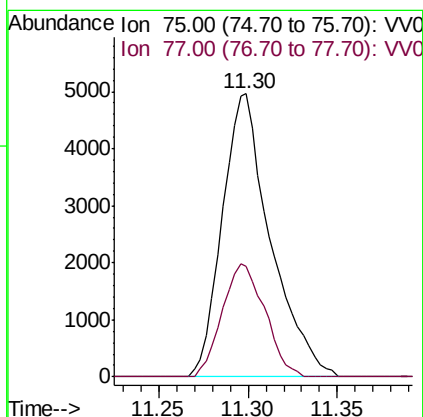
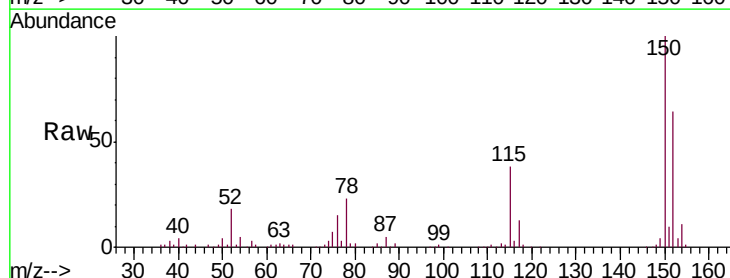
Acq: 17 Dec 2018 15:41

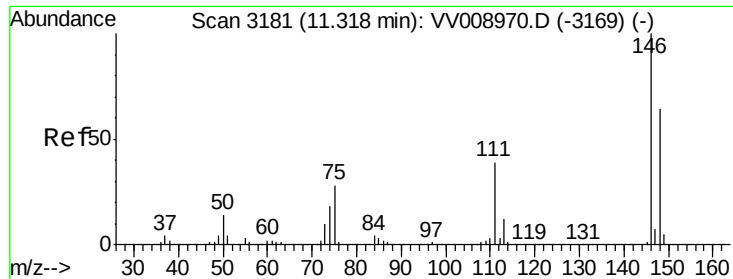
Tgt Ion: 75 Resp: 9324

Ion Ratio Lower Upper

75 100

77 35.5 25.8 38.8

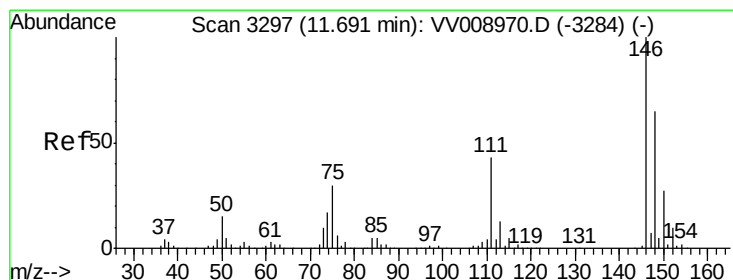
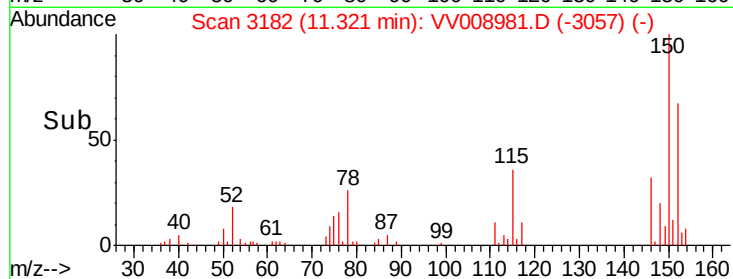
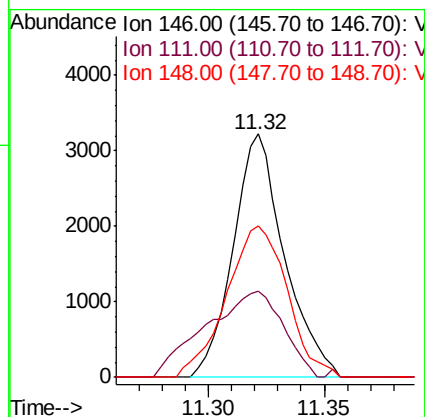
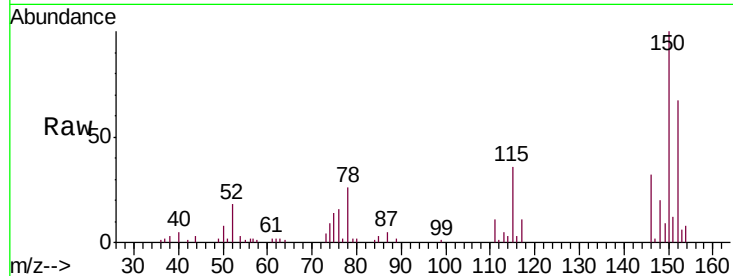




#63
 1,4-Dichlorobenzene
 Concen: 1.918 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VV008981.D
 Acq: 17 Dec 2018 15:41

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 ClientSampleId :
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Tgt Ion:146 Resp: 4952
 Ion Ratio Lower Upper
 146 100
 111 35.5 27.9 51.9
 148 62.1 45.2 84.0



#65
 1,2-Dichlorobenzene
 Concen: 1.827 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VV008981.D
 Acq: 17 Dec 2018 15:41

Tgt Ion:146 Resp: 4758
 Ion Ratio Lower Upper
 146 100
 111 56.0 32.8 49.2#
 148 71.1 50.5 75.7

