

Data File : VV008941.D
Acq On : 14 Dec 2018 19:53
Operator : SY/MD
Sample : J6369-07
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL65

Quant Time: Dec 14 23:45:55 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	207567	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189678	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51101	42.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.32%
7) Chloroethane-d5	1.57	69	40597	53.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.44%
11) 1,1-Dichloroethene-d2	2.13	63	109042	38.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.18%
21) 2-Butanone-d5	3.93	46	90043	111.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.26%
24) Chloroform-d	4.41	84	126067	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	5.08	65	85593	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.90%
32) Benzene-d6	5.10	84	262290	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.62%
36) 1,2-Dichloropropane-d6	6.12	67	78611	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.36%
41) Toluene-d8	7.36	98	239387	49.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.78%
43) trans-1,3-Dichloropropene-	7.67	79	36803	47.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.48%
47) 2-Hexanone-d5	8.14	63	60002	105.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.55%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91181	45.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.96%
64) 1,2-Dichlorobenzene-d4	11.68	152	85585	51.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

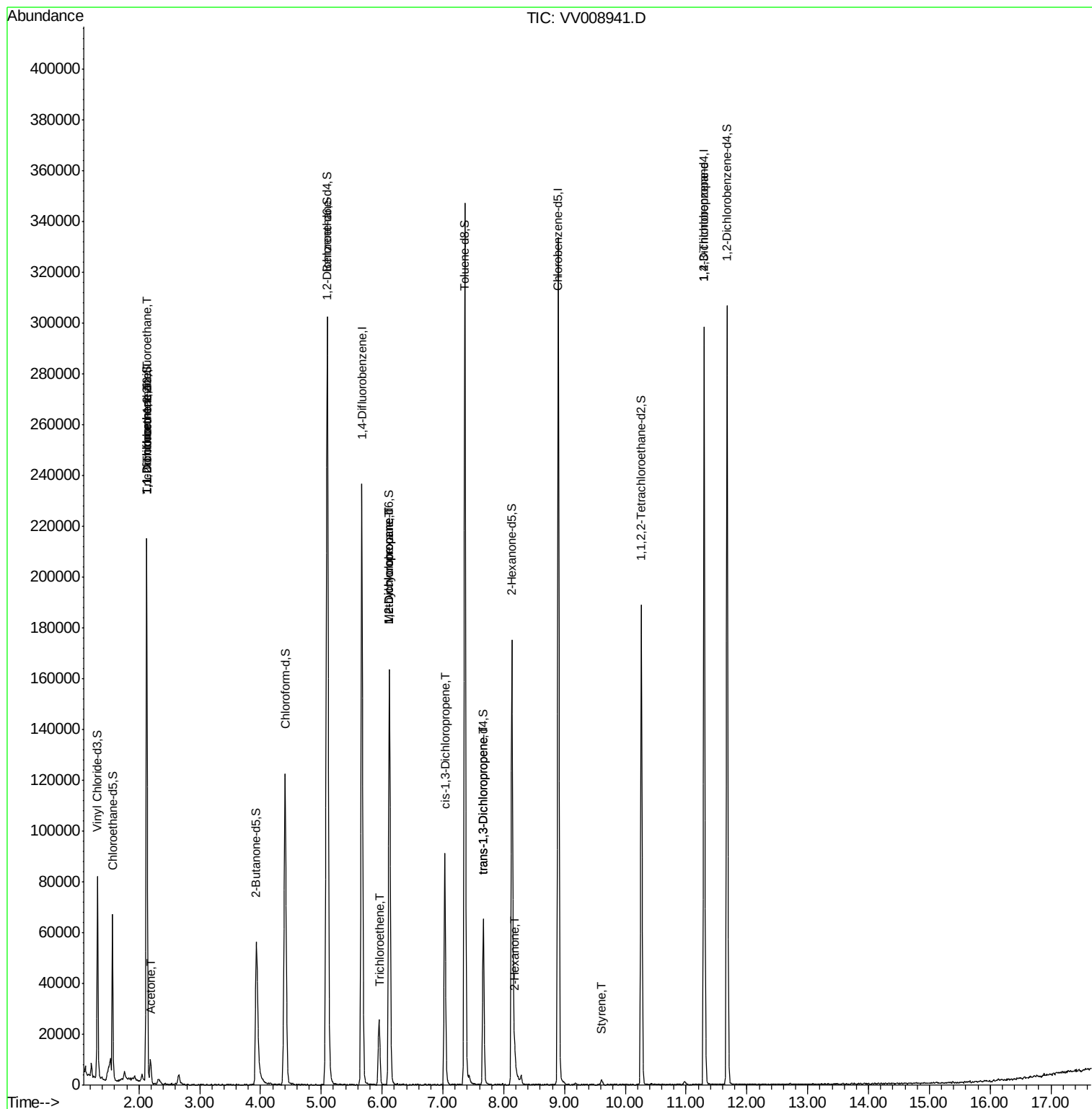
						Qvalue
9) Trichlorofluoromethane	2.13	101	1046	0.452	ug/L #	27
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1067	0.753	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	882	0.684	ug/L #	1
13) Acetone	2.19	43	8125	6.676	ug/L	97
34) Trichloroethene	5.97	95	1115	0.739	ug/L	92
35) Methylcyclohexane	6.12	83	20426	9.126	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9165	6.780	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2450	1.137	ug/L #	77
44) trans-1,3-Dichloropropene	7.67	75	1668	0.830	ug/L	96
48) 2-Hexanone	8.18	43	3973	3.055	ug/L #	92
55) Styrene	9.61	104	1273	0.331	ug/L	83
59) 1,2,3-Trichloropropane	11.30	75	8428	4.951	ug/L	90

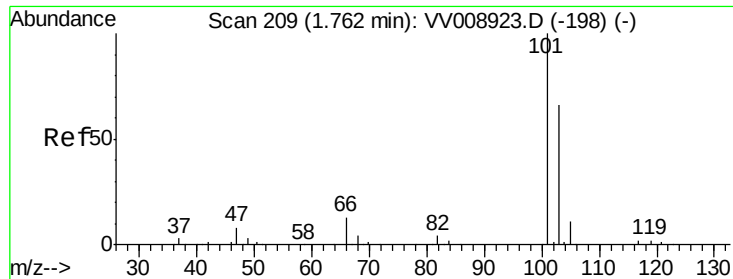
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 14 23:39:04 2018
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#9

Trichlorofluoromethane

Concen: 0.452 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008941.D

Acq: 14 Dec 2018 19:53

Instrument :

MSVOA_V

ClientSampleId :

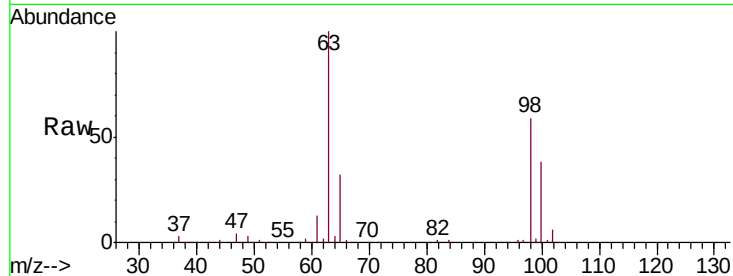
COL65

Tgt Ion:101 Resp: 1046

Ion Ratio Lower Upper

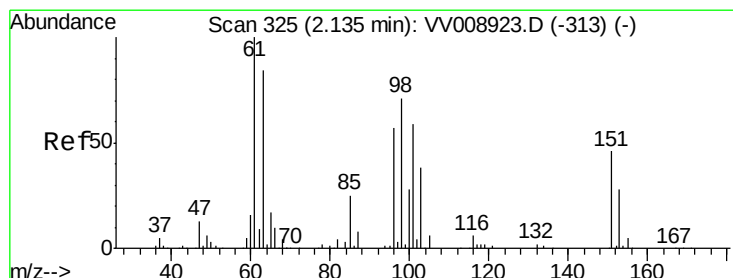
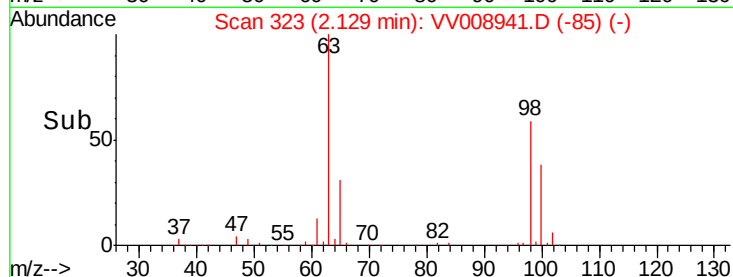
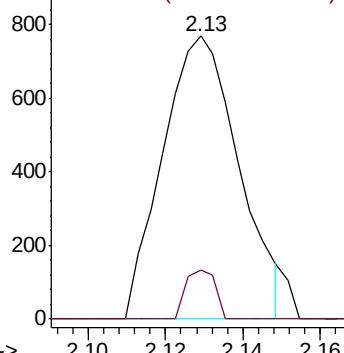
101 100

103 6.8 51.5 77.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.753 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008941.D

Acq: 14 Dec 2018 19:53

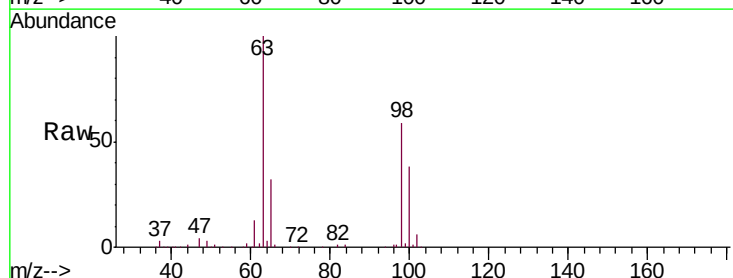
Tgt Ion:101 Resp: 1067

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

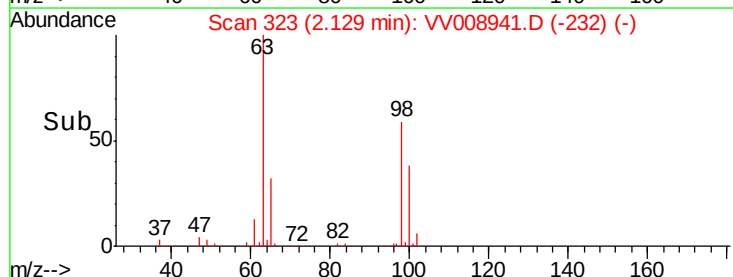
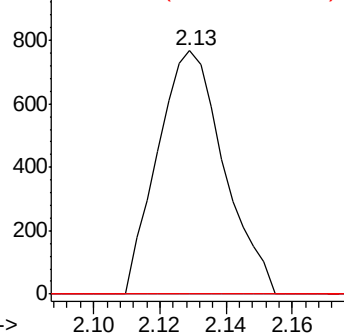
151 0.0 63.8 95.8#

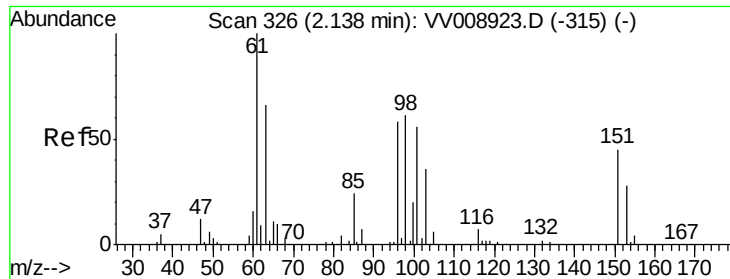


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

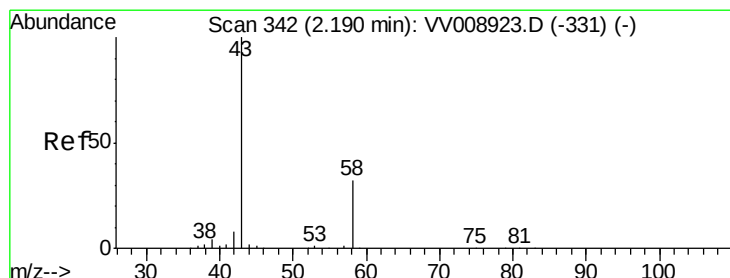
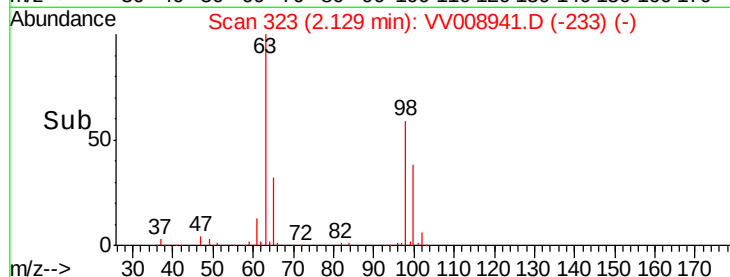
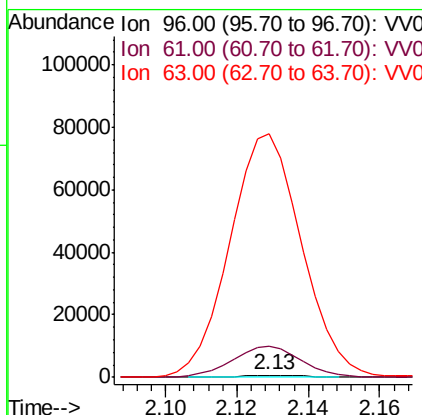
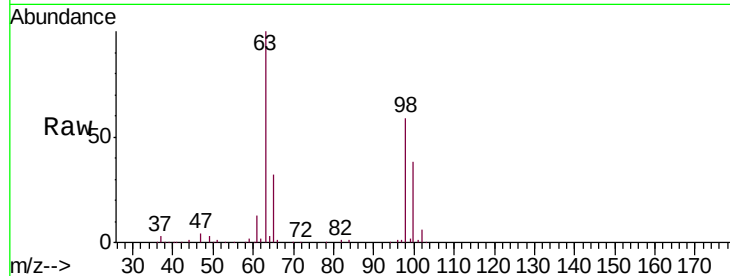




#12
 1,1-Dichloroethene
 Concen: 0.684 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008941.D
 Acq: 14 Dec 2018 19:53

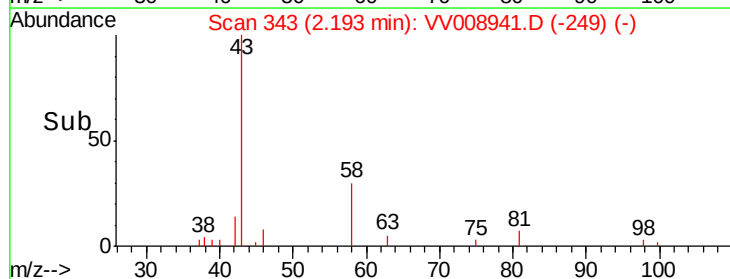
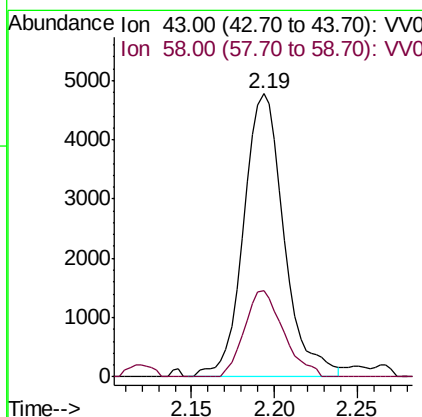
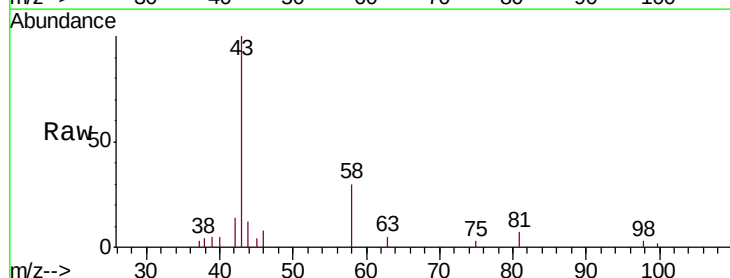
Instrument :
 MSVOA_V
 ClientSampleId :
 COL65

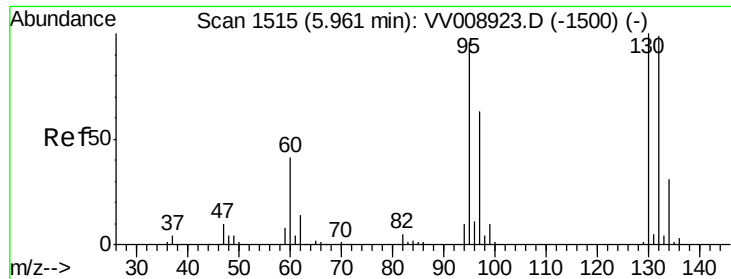
Tgt Ion: 96 Resp: 882
 Ion Ratio Lower Upper
 96 100
 61 1530.9 119.1 221.3#
 63 12039.6 96.0 178.2#



#13
 Acetone
 Concen: 6.676 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV008941.D
 Acq: 14 Dec 2018 19:53

Tgt Ion: 43 Resp: 8125
 Ion Ratio Lower Upper
 43 100
 58 29.5 0.0 61.8





#34

Trichloroethene

Concen: 0.739 ug/L

RT: 5.97 min Scan# 1517

Delta R.T. 0.01 min

Lab File: VV008941.D

Acq: 14 Dec 2018 19:53

Instrument :

MSVOA_V

ClientSampleId :

COL65

Tgt Ion: 95 Resp: 1115

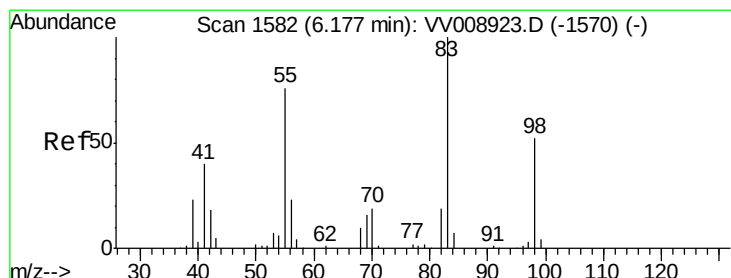
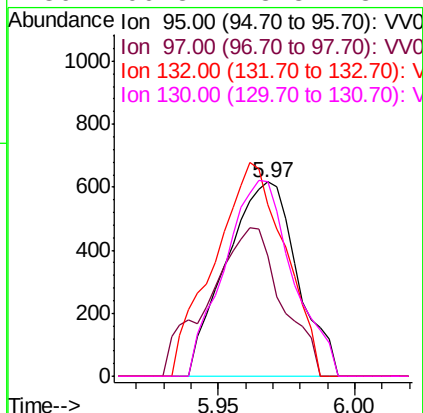
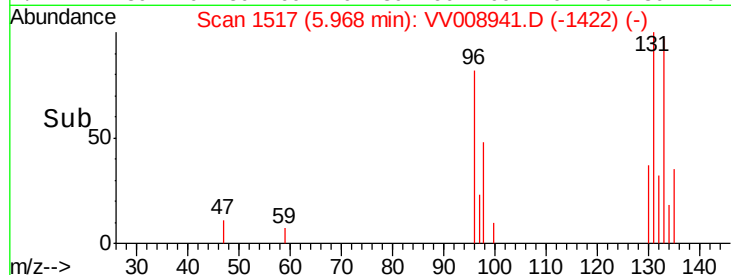
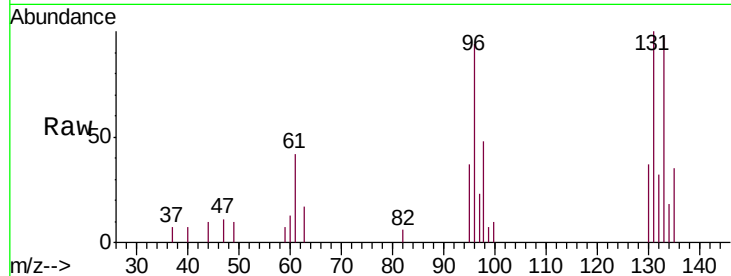
Ion Ratio Lower Upper

95 100

97 62.1 45.7 84.9

132 88.3 72.2 134.2

130 100.3 73.8 137.2



#35

Methylcyclohexane

Concen: 9.126 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008941.D

Acq: 14 Dec 2018 19:53

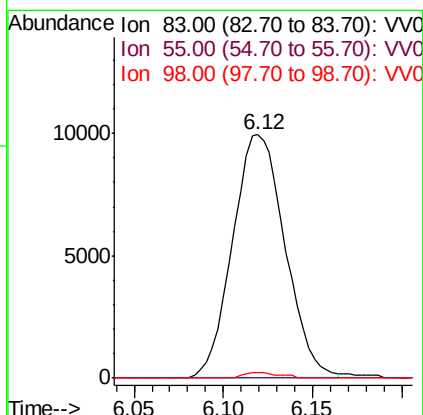
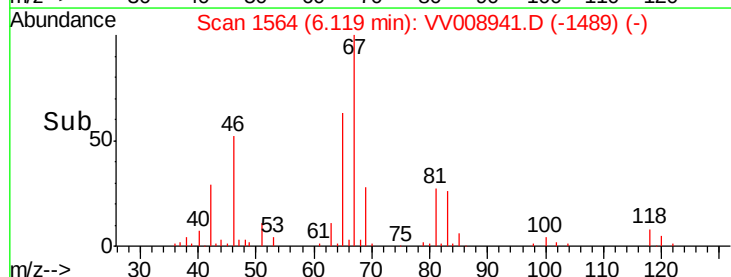
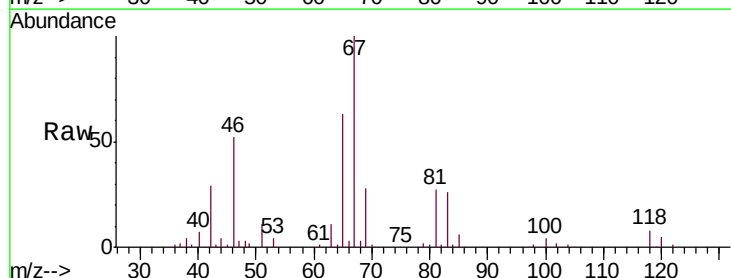
Tgt Ion: 83 Resp: 20426

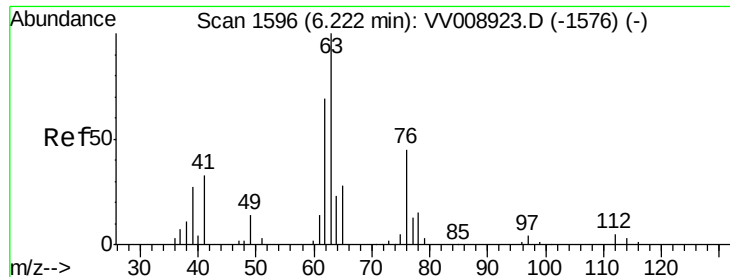
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.8#

98 1.4 39.0 58.4#

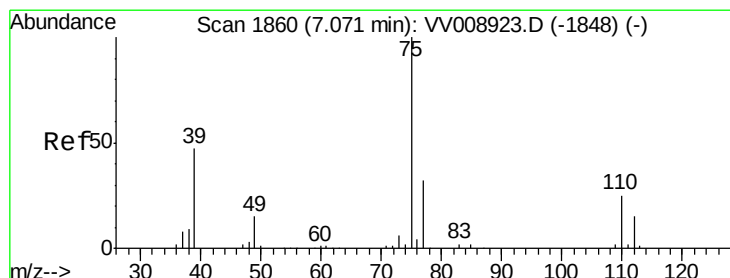
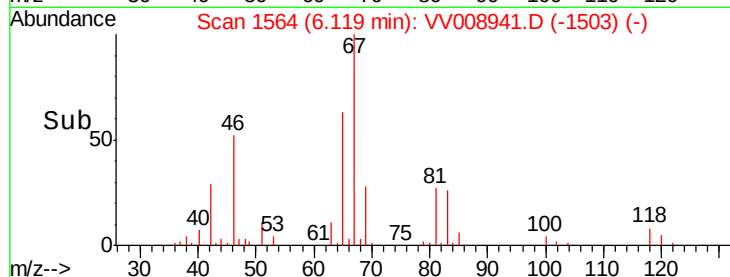
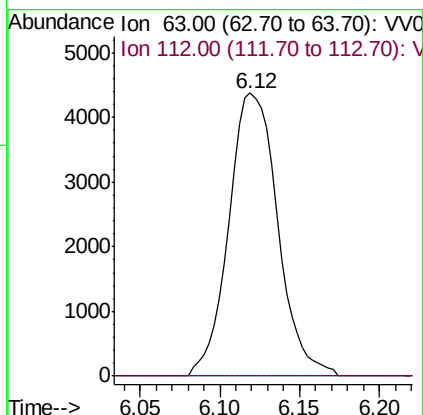
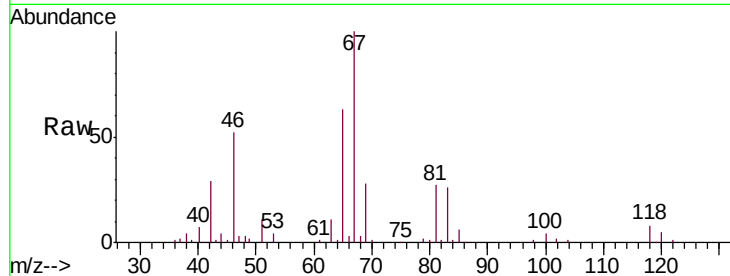




#37
 1,2-Dichloropropane
 Concen: 6.780 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008941.D
 Acq: 14 Dec 2018 19:53

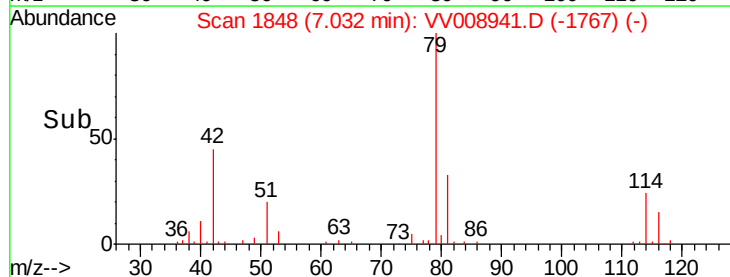
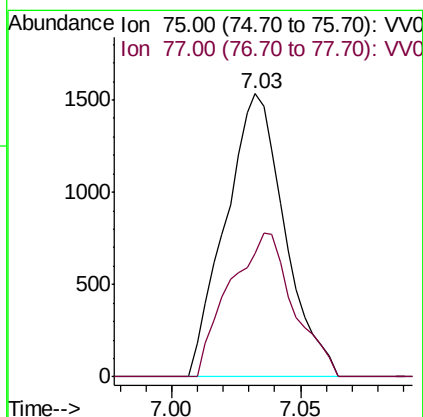
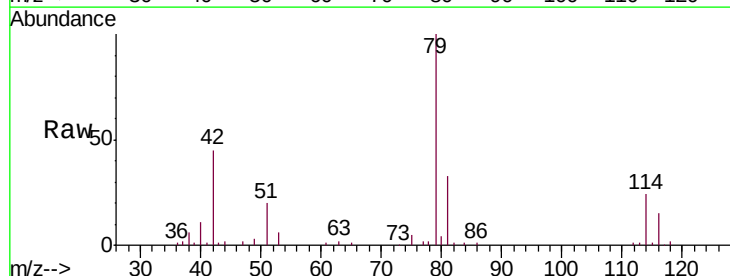
Instrument :
 MSVOA_V
 ClientSampleId :
 COL65

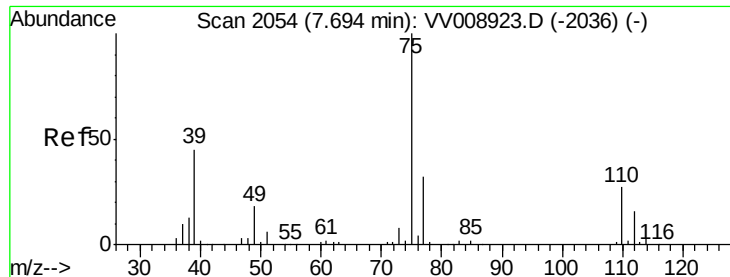
Tgt Ion: 63 Resp: 9165
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.137 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008941.D
 Acq: 14 Dec 2018 19:53

Tgt Ion: 75 Resp: 2450
 Ion Ratio Lower Upper
 75 100
 77 43.7 21.8 40.4#

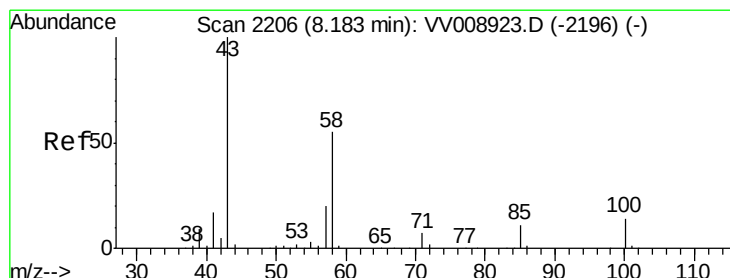
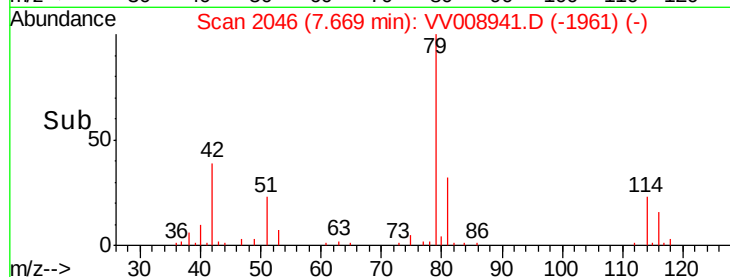
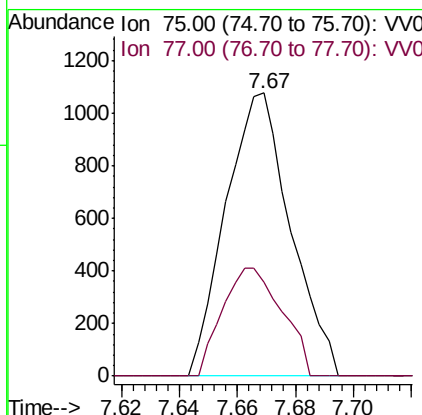
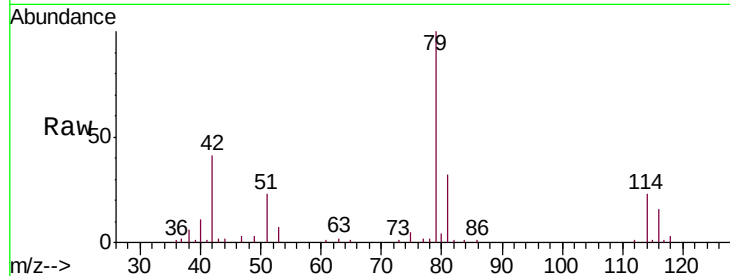




#44
trans-1,3-Dichloropropene
Concen: 0.830 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV008941.D
Acq: 14 Dec 2018 19:53

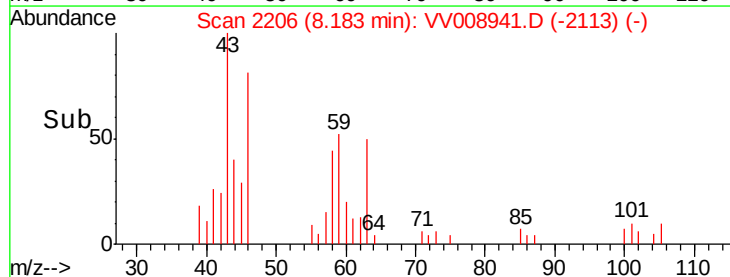
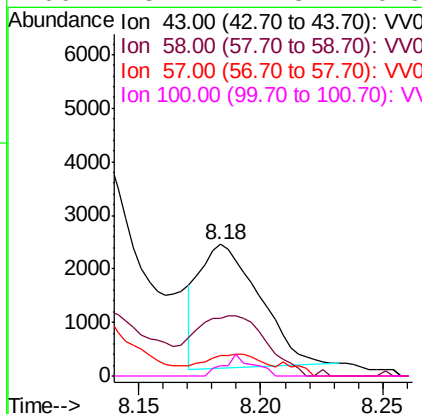
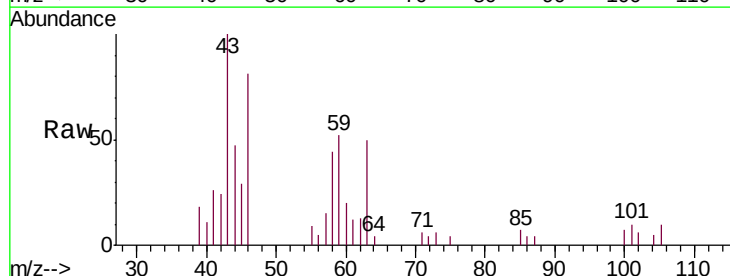
Instrument :
MSVOA_V
ClientSampled :
COL65

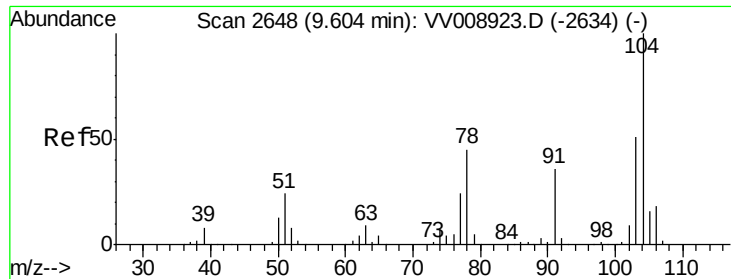
Tgt Ion: 75 Resp: 1668
Ion Ratio Lower Upper
75 100
77 33.1 21.6 40.2



#48
2-Hexanone
Concen: 3.055 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV008941.D
Acq: 14 Dec 2018 19:53

Tgt Ion: 43 Resp: 3973
Ion Ratio Lower Upper
43 100
58 59.0 42.7 64.1
57 17.7 15.7 23.5
100 8.2 11.3 16.9#





#55

Styrene

Concen: 0.331 ug/L

RT: 9.61 min Scan# 2650

Delta R.T. 0.01 min

Lab File: VV008941.D

Acq: 14 Dec 2018 19:53

Instrument :

MSVOA_V

ClientSampleId :

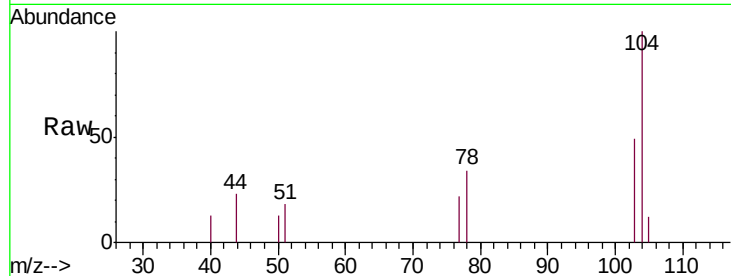
C0L65

Tgt Ion:104 Resp: 1273

Ion Ratio Lower Upper

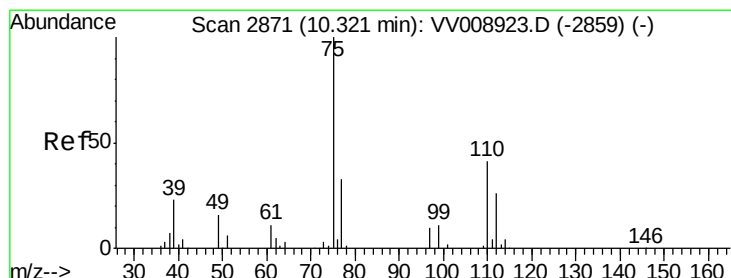
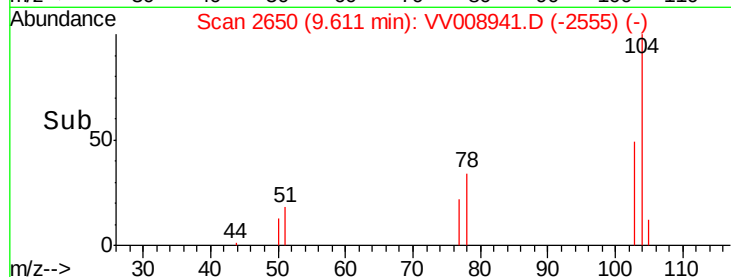
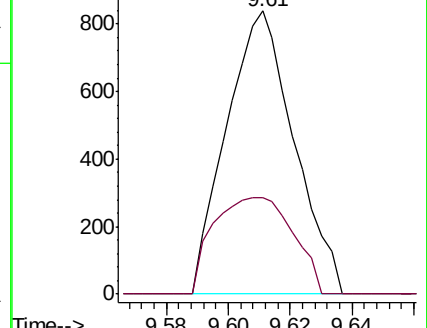
104 100

78 34.0 31.6 58.6



Abundance Ion 104.00 (103.70 to 104.70): VV008923.D (-2634) (-)

Ion 78.00 (77.70 to 78.70): VV008923.D (-2634) (-)



#59

1,2,3-Trichloropropane

Concen: 4.951 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008941.D

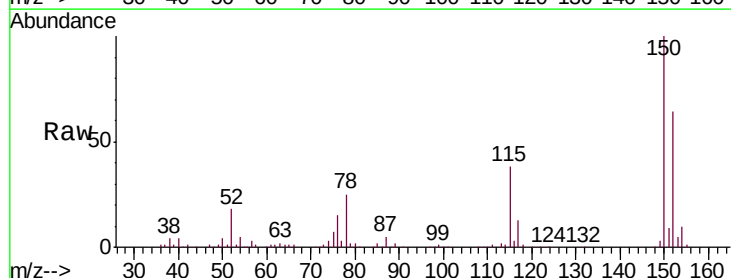
Acq: 14 Dec 2018 19:53

Tgt Ion: 75 Resp: 8428

Ion Ratio Lower Upper

75 100

77 38.1 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) (-)

