

Data File : VV008979.D
Acq On : 17 Dec 2018 14:53
Operator : SY/MD
Sample : J6369-19
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLB4

Quant Time: Dec 18 01:50:47 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	209962	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	194527	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83022	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58425	47.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.30%
7) Chloroethane-d5	1.57	69	45340	58.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.52%
11) 1,1-Dichloroethene-d2	2.13	63	110815	38.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.54%
21) 2-Butanone-d5	3.93	46	89465	109.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.28%
24) Chloroform-d	4.41	84	124504	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
26) 1,2-Dichloroethane-d4	5.09	65	81001	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
32) Benzene-d6	5.10	84	255106	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.32%
36) 1,2-Dichloropropane-d6	6.12	67	77100	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.90%
41) Toluene-d8	7.36	98	236699	48.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.67	79	37879	47.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.82%
47) 2-Hexanone-d5	8.13	63	61210	104.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.99%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95349	46.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.76%
64) 1,2-Dichlorobenzene-d4	11.67	152	84392	49.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.58%

Target Compounds

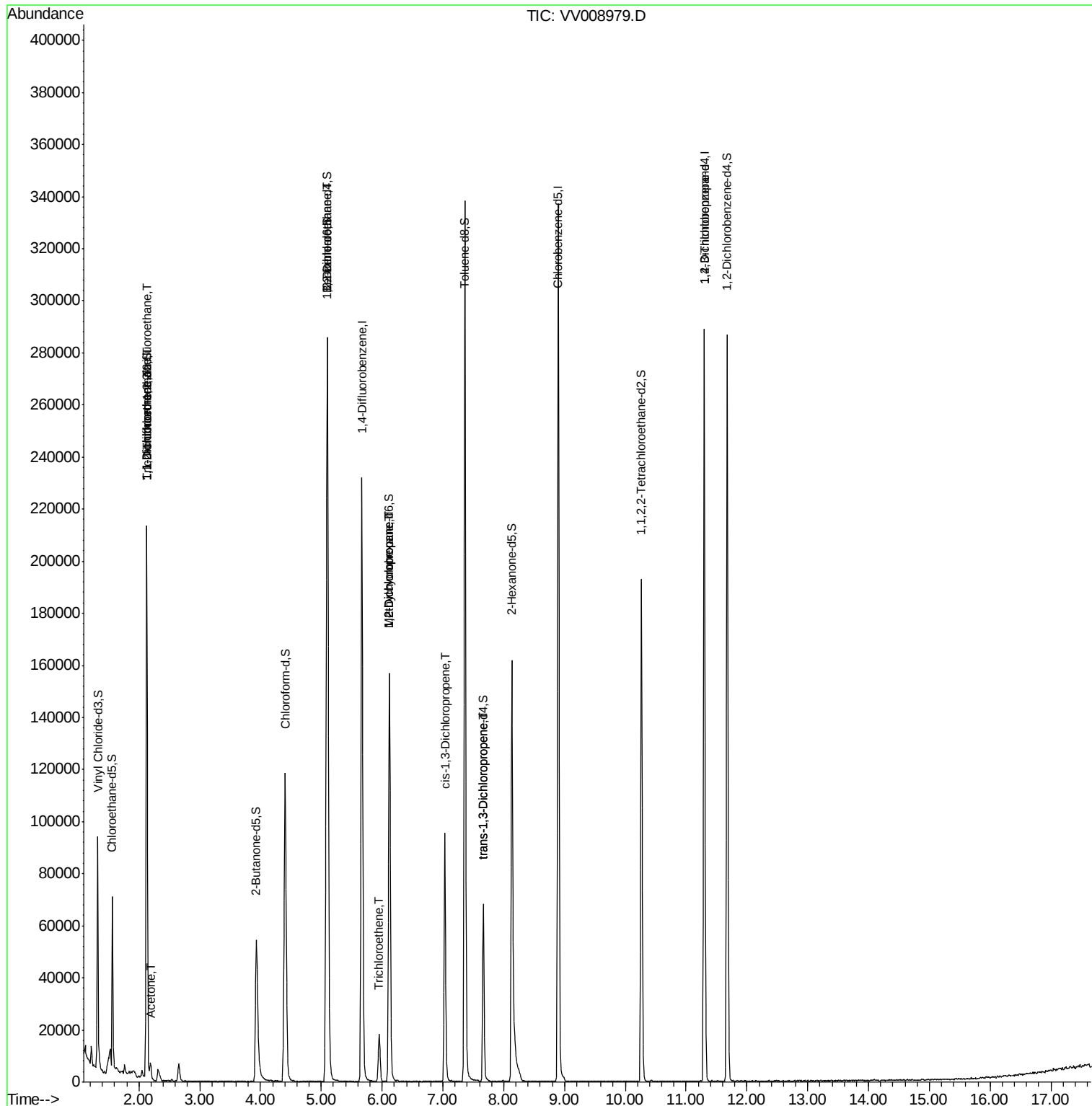
						Qvalue
9) Trichlorofluoromethane	2.13	101	907	0.387	ug/L #	36
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	907	0.633	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	928	0.712	ug/L #	1
13) Acetone	2.19	43	2515	2.043	ug/L	96
27) 1,2-Dichloroethane	5.10	62	1327	0.658	ug/L #	74
34) Trichloroethene	5.96	95	1505	0.972	ug/L	86
35) Methylcyclohexane	6.12	83	19852	8.648	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8505	6.135	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2480	1.122	ug/L #	72
44) trans-1,3-Dichloropropene	7.67	75	1723	0.836	ug/L	96
59) 1,2,3-Trichloropropane	11.30	75	8767	5.022	ug/L	93

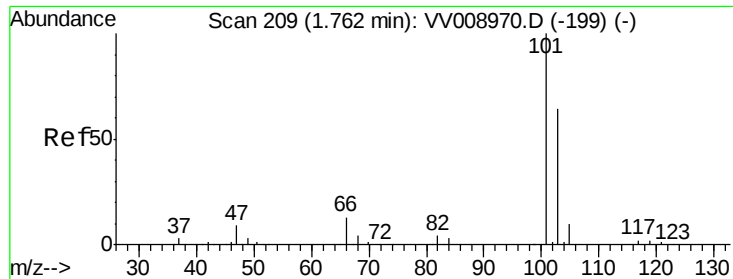
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.387 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.37 min

Lab File: VV008979.D

Acq: 17 Dec 2018 14:53

Instrument :

MSVOA_V

ClientSampleId :

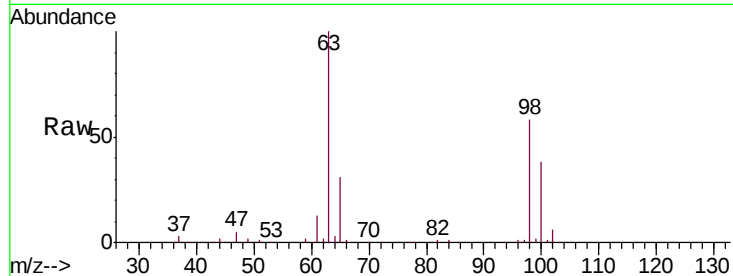
C0LB4

Tgt Ion:101 Resp: 907

Ion Ratio Lower Upper

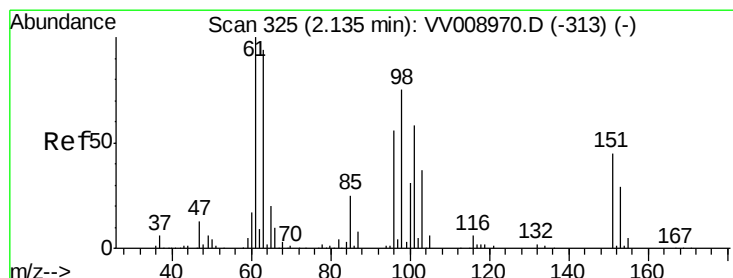
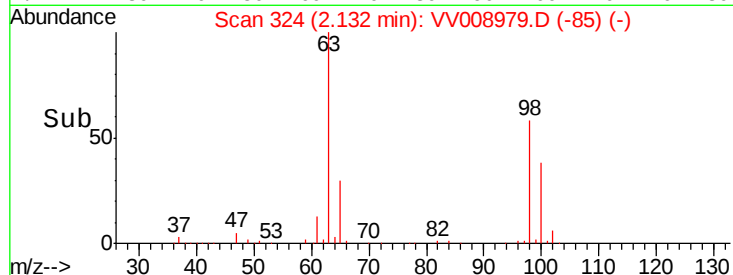
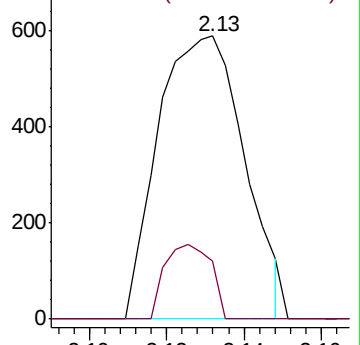
101 100

103 14.2 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: 0.633 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV008979.D

Acq: 17 Dec 2018 14:53

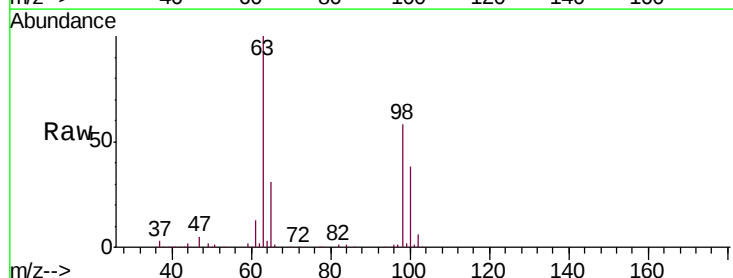
Tgt Ion:101 Resp: 907

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

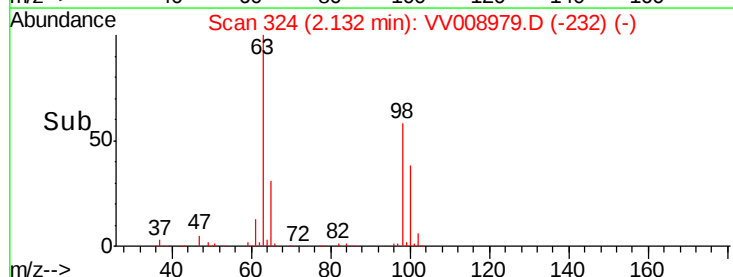
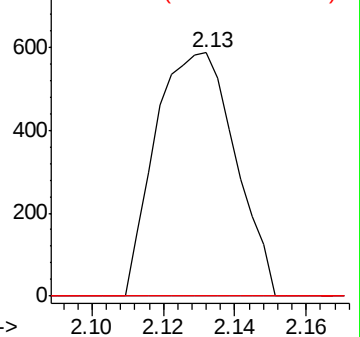
151 0.0 63.8 95.8#

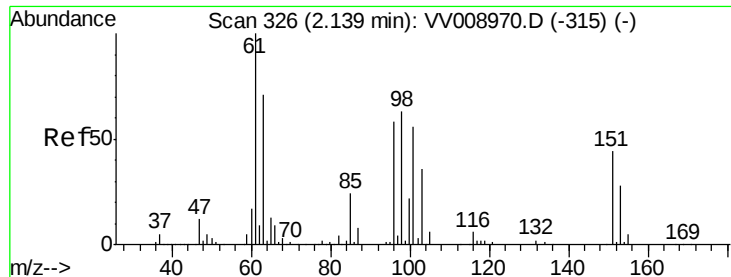


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

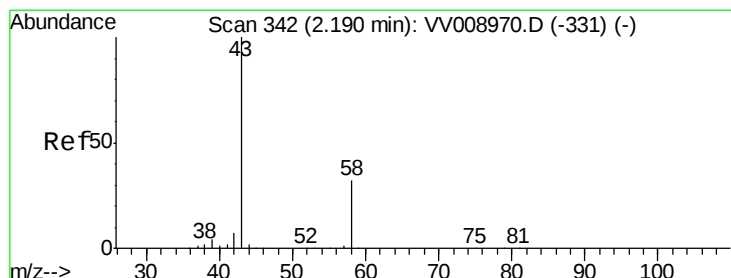
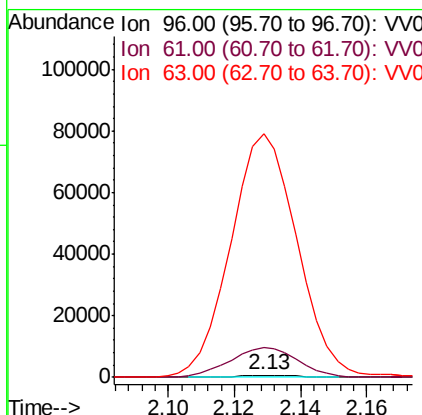
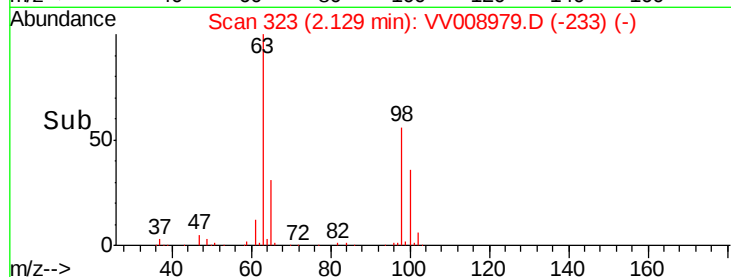
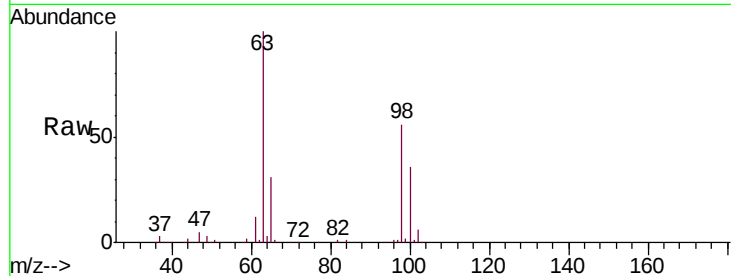




#12
 1,1-Dichloroethene
 Concen: 0.712 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008979.D
 Acq: 17 Dec 2018 14:53

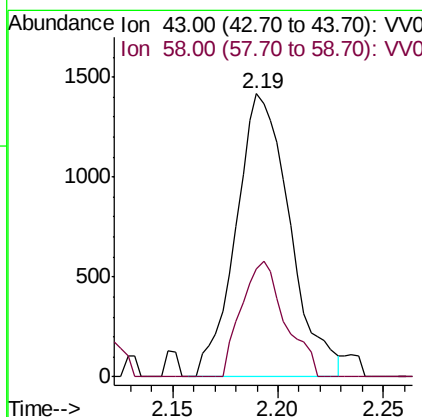
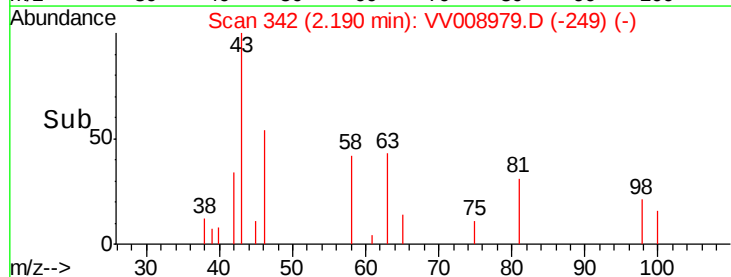
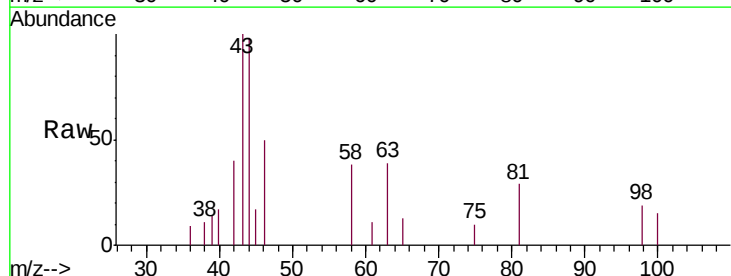
Instrument :
 MSVOA_V
 ClientSampleId :
 COLB4

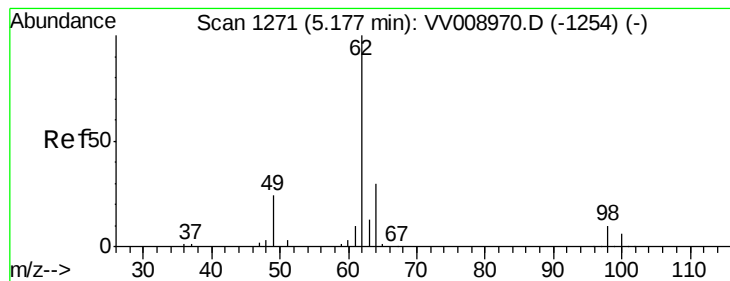
Tgt Ion: 96 Resp: 928
 Ion Ratio Lower Upper
 96 100
 61 1399.4 119.1 221.3#
 63 11440.8 96.0 178.2#



#13
 Acetone
 Concen: 2.043 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VV008979.D
 Acq: 17 Dec 2018 14:53

Tgt Ion: 43 Resp: 2515
 Ion Ratio Lower Upper
 43 100
 58 33.0 0.0 61.8





#27

1,2-Dichloroethane

Concen: 0.658 ug/L

RT: 5.10 min Scan# 1248

Delta R.T. -0.07 min

Lab File: VV008979.D

Acq: 17 Dec 2018 14:53

Instrument :

MSVOA_V

ClientSampleId :

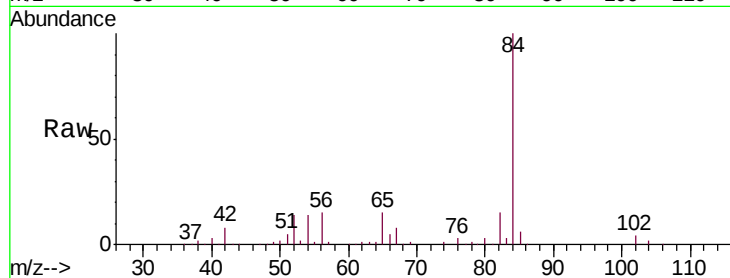
C0LB4

Tgt Ion: 62 Resp: 1327

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VV008979.D (-1254) (-)

Ion 98.00 (97.70 to 98.70): VV008979.D (-1254) (-)

5.10

600

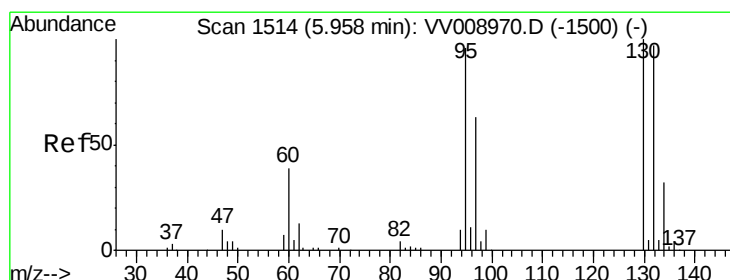
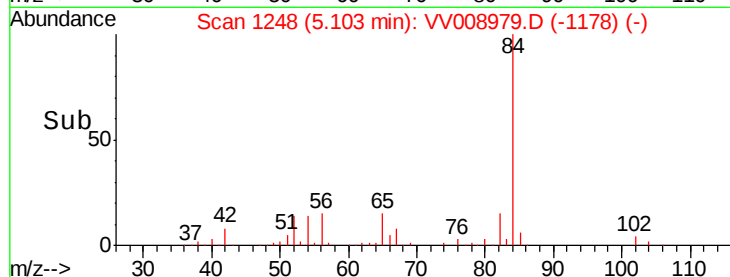
400

200

0

5.05 5.10 5.15

Time-->



#34

Trichloroethene

Concen: 0.972 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV008979.D

Acq: 17 Dec 2018 14:53

Tgt Ion: 95 Resp: 1505

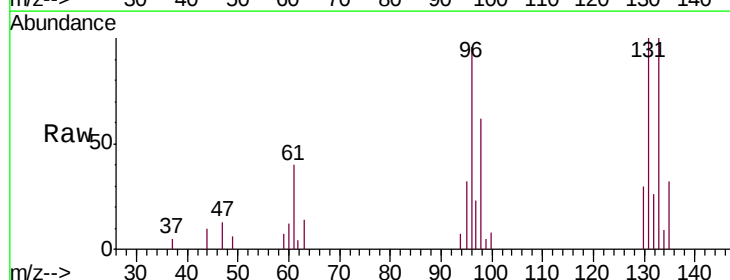
Ion Ratio Lower Upper

95 100

97 71.1 45.7 84.9

132 80.5 72.2 134.2

130 94.8 73.8 137.2



Abundance Ion 95.00 (94.70 to 95.70): VV008979.D (-1421) (-)

Ion 97.00 (96.70 to 97.70): VV008979.D (-1421) (-)

Ion 132.00 (131.70 to 132.70): VV008979.D (-1421) (-)

Ion 130.00 (129.70 to 130.70): VV008979.D (-1421) (-)

1500

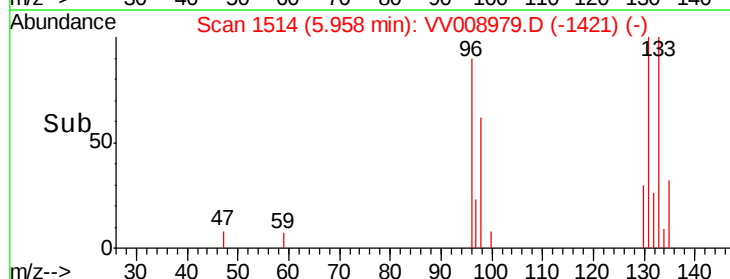
1000

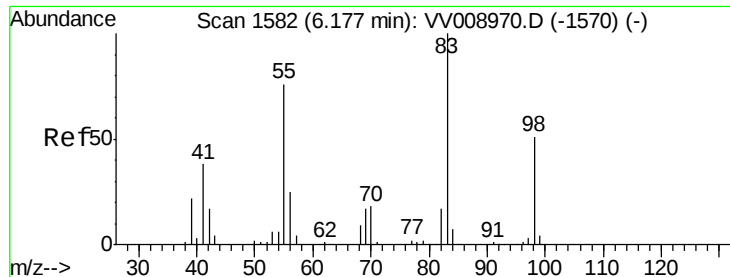
500

0

5.95 5.96 6.00

Time-->

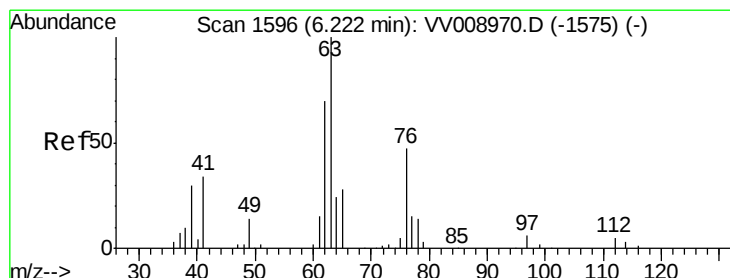
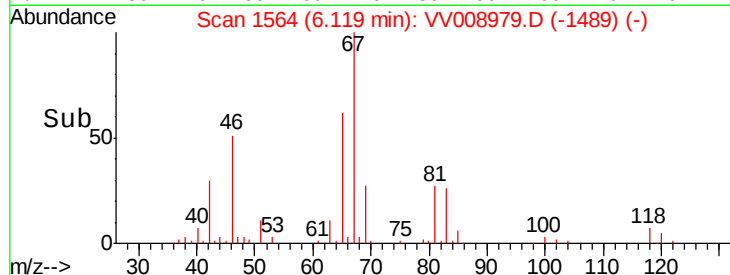
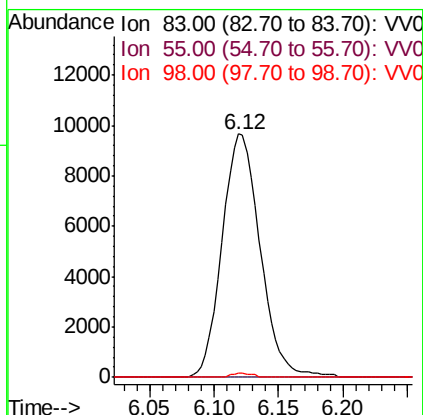
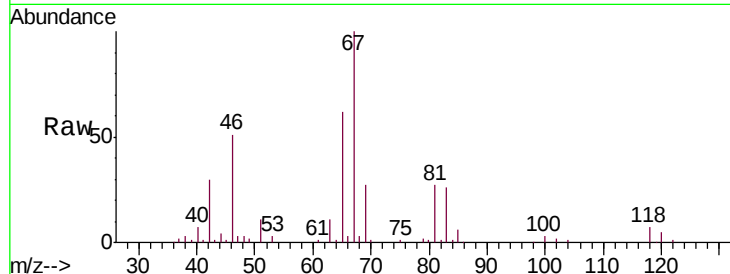




#35
Methylcyclohexane
Concen: 8.648 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008979.D
Acq: 17 Dec 2018 14:53

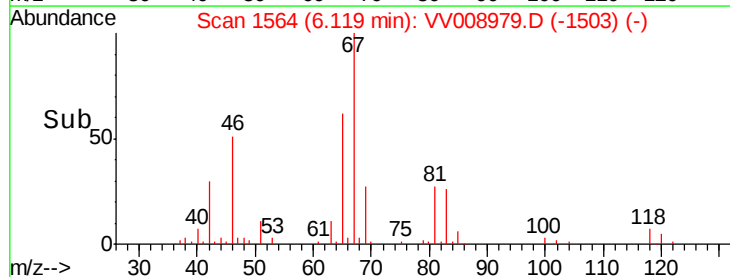
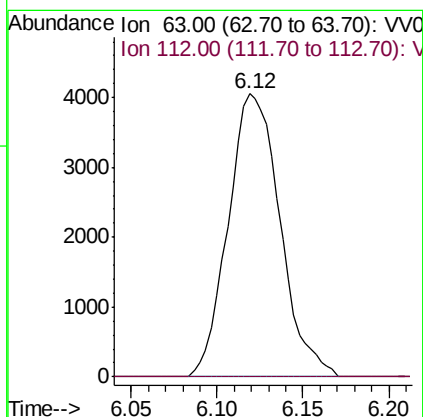
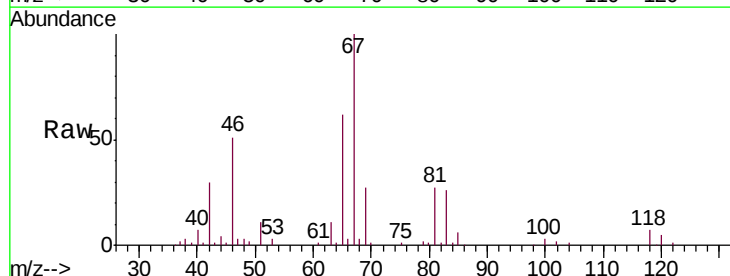
Instrument :
MSVOA_V
ClientSampleId :
COLB4

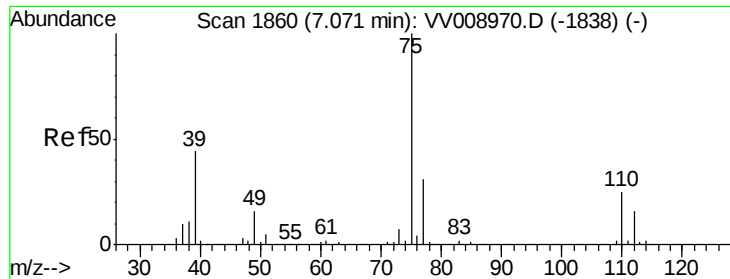
Tgt Ion: 83 Resp: 19852
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.9 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 6.135 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008979.D
Acq: 17 Dec 2018 14:53

Tgt Ion: 63 Resp: 8505
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



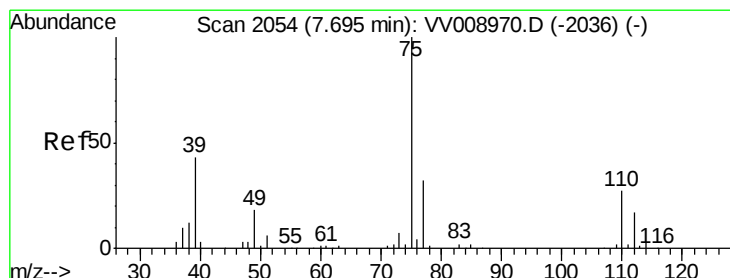
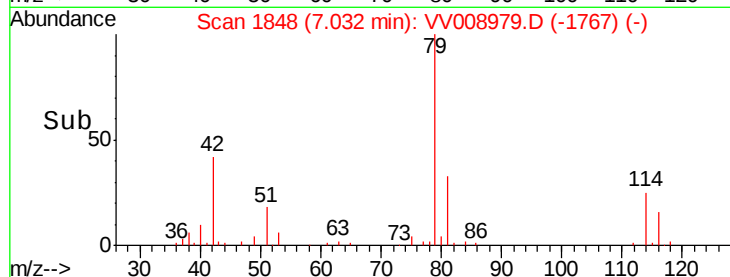
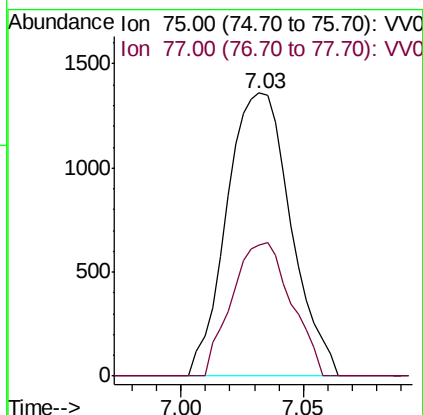
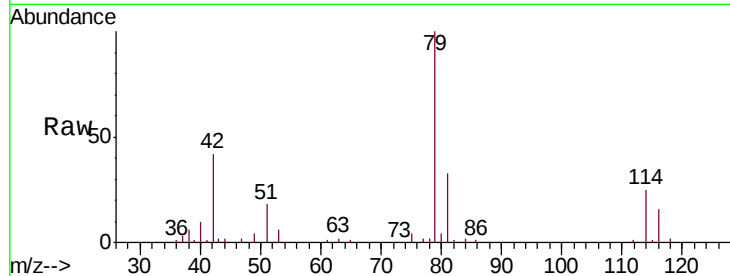


#39

cis-1,3-Dichloropropene
 Concen: 1.122 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008979.D
 Acq: 17 Dec 2018 14:53

Instrument :
 MSVOA_V
 ClientSampleId :
 COLB4

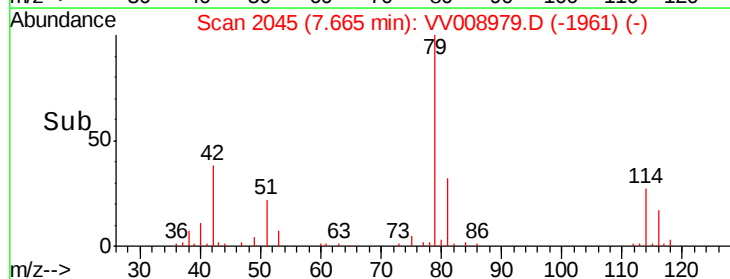
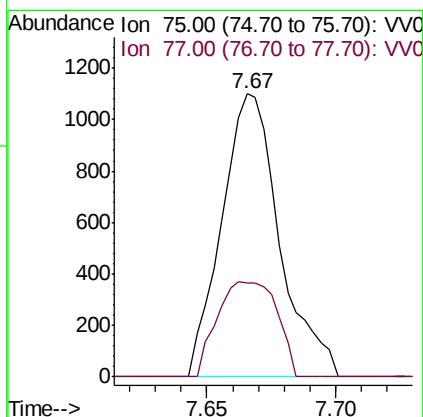
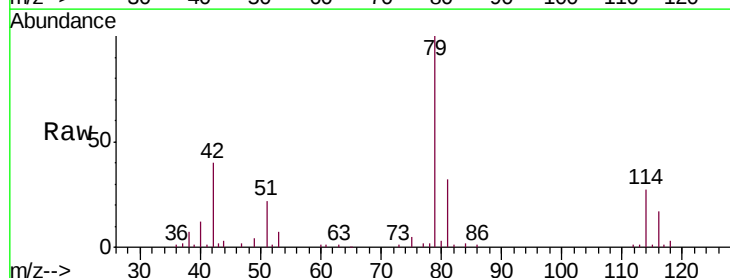
Tgt Ion: 75 Resp: 2480
 Ion Ratio Lower Upper
 75 100
 77 46.4 21.8 40.4#

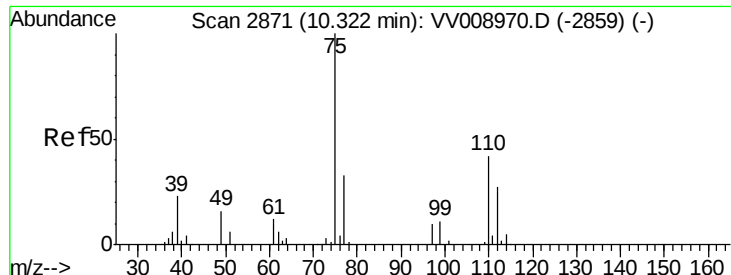


#44

trans-1,3-Dichloropropene
 Concen: 0.836 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV008979.D
 Acq: 17 Dec 2018 14:53

Tgt Ion: 75 Resp: 1723
 Ion Ratio Lower Upper
 75 100
 77 33.3 21.6 40.2





#59

1,2,3-Trichloropropane

Concen: 5.022 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV008979.D

Acq: 17 Dec 2018 14:53

Instrument :

MSVOA_V

ClientSampleId :

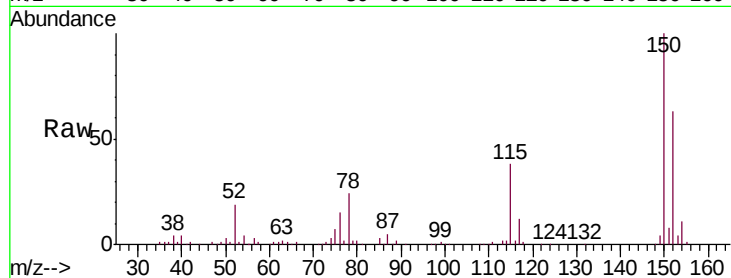
C0LB4

Tgt Ion: 75 Resp: 8767

Ion Ratio Lower Upper

75 100

77 36.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

