

Data File : VV008974.D
Acq On : 17 Dec 2018 12:55
Operator : SY/MD
Sample : J6367-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COL40

Quant Time: Dec 18 01:49:45 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	190599	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176058	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76609	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64015	57.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.02%
7) Chloroethane-d5	1.57	69	47743	68.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	136.32%#
11) 1,1-Dichloroethene-d2	2.13	63	123380	46.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.88%
21) 2-Butanone-d5	3.93	46	97104	130.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.66%#
24) Chloroform-d	4.41	84	136032	57.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.56%
26) 1,2-Dichloroethane-d4	5.08	65	90237	59.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.30%
32) Benzene-d6	5.10	84	286770	60.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.88%
36) 1,2-Dichloropropane-d6	6.12	67	87079	61.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	122.16%#
41) Toluene-d8	7.36	98	262486	58.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.88%
43) trans-1,3-Dichloropropene-	7.67	79	43458	60.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.20%
47) 2-Hexanone-d5	8.13	63	68015	128.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	104649	56.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.70%
64) 1,2-Dichlorobenzene-d4	11.68	152	94473	59.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.58%

Target Compounds

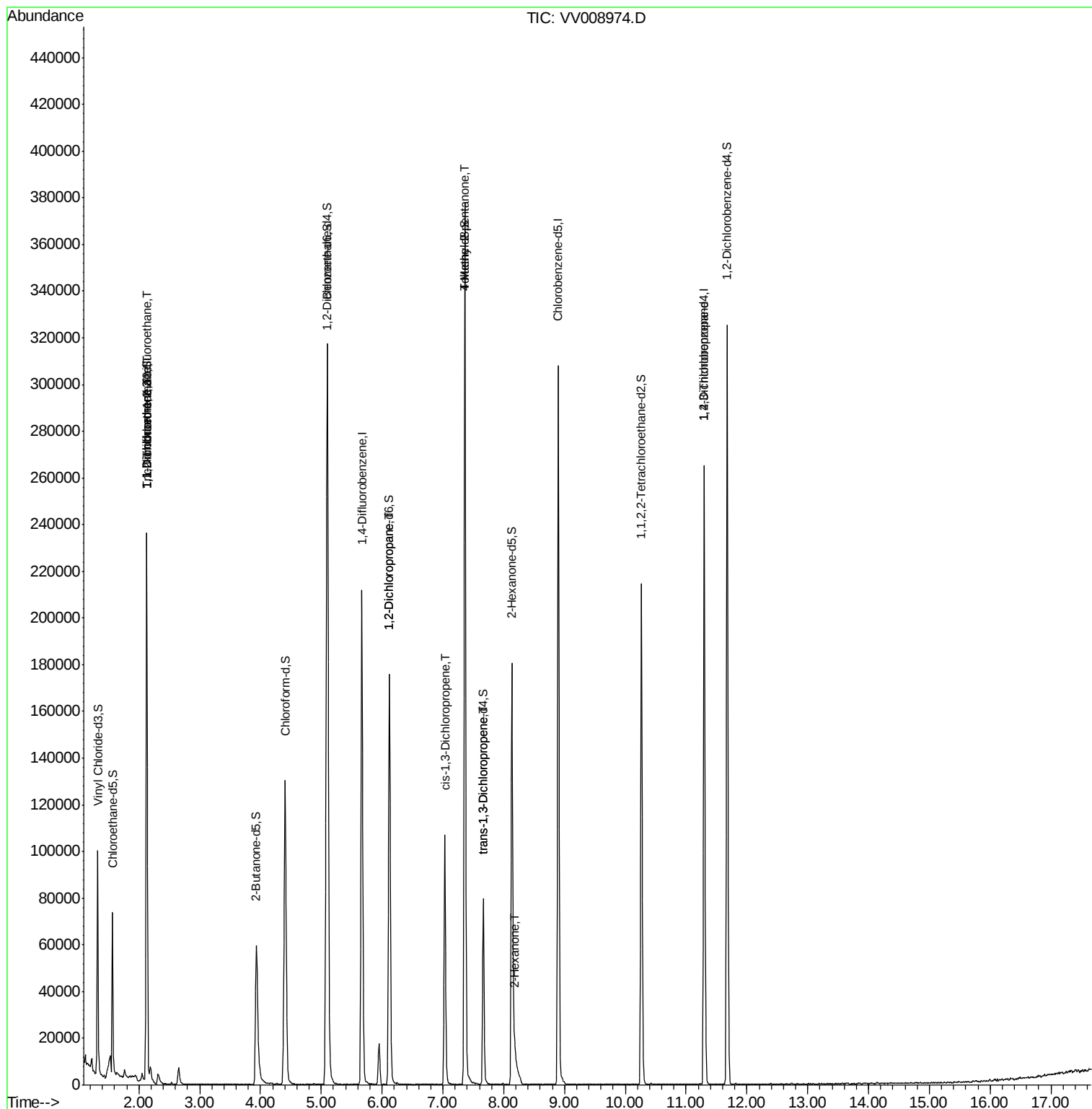
					Qvalue	
9) Trichlorofluoromethane	2.13	101	1247	0.587	ug/L #	39
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1247	0.959	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	963	0.814	ug/L #	1
37) 1,2-Dichloropropane	6.12	63	9729	7.754	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2588	1.293	ug/L #	56
40) 4-Methyl-2-pentanone	7.36	43	1050	0.724	ug/L #	1
44) trans-1,3-Dichloropropene	7.67	75	1787	0.958	ug/L #	81
48) 2-Hexanone	8.18	43	3095	2.564	ug/L #	71
59) 1,2,3-Trichloropropane	11.30	75	7742	4.900	ug/L	90

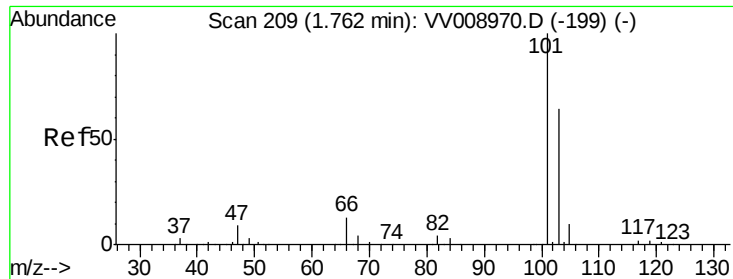
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.587 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.37 min

Lab File: VV008974.D

Acq: 17 Dec 2018 12:55

Instrument :

MSVOA_V

ClientSampleId :

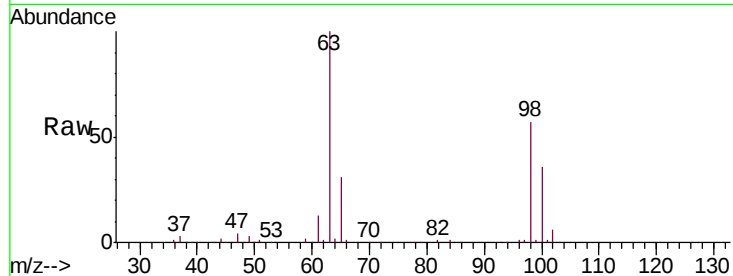
COL40

Tgt Ion:101 Resp: 1247

Ion Ratio Lower Upper

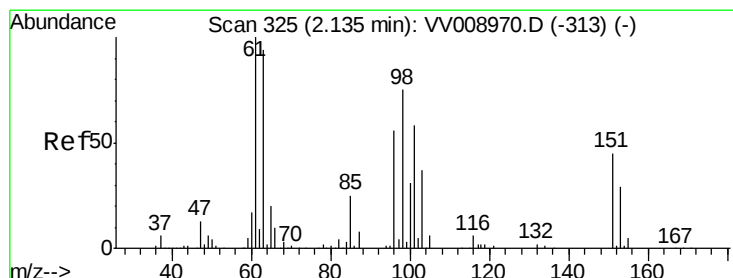
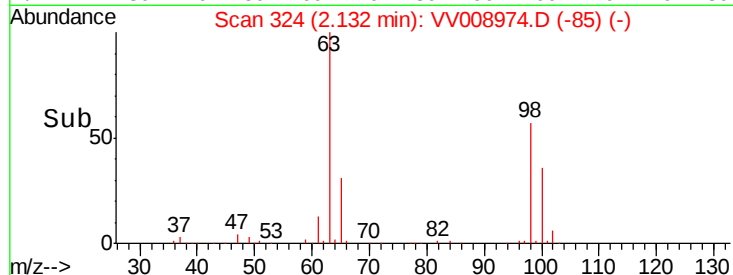
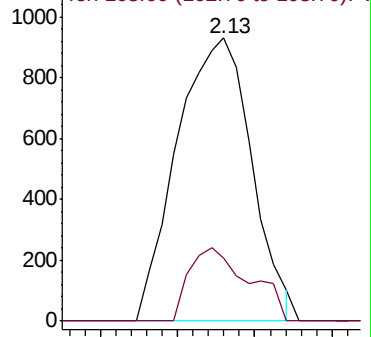
101 100

103 16.8 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: 0.959 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV008974.D

Acq: 17 Dec 2018 12:55

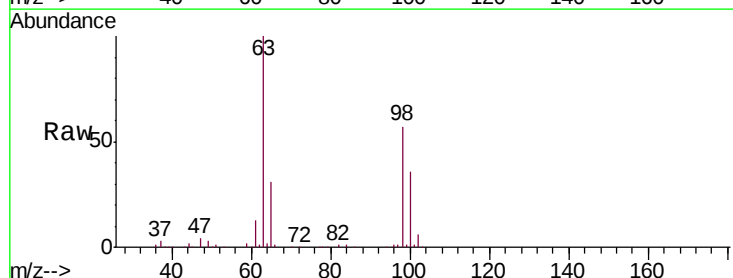
Tgt Ion:101 Resp: 1247

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

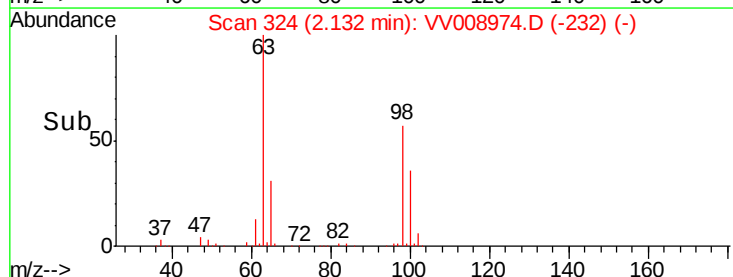
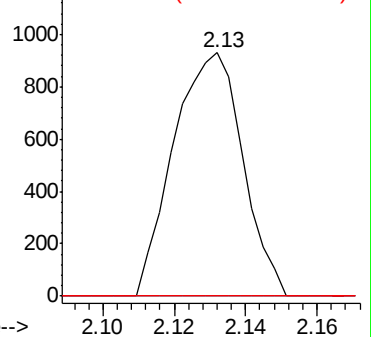
151 0.0 63.8 95.8#

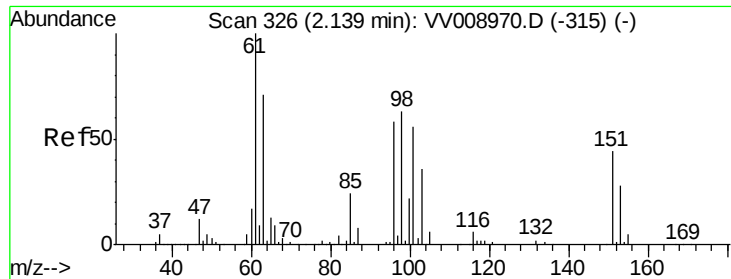


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

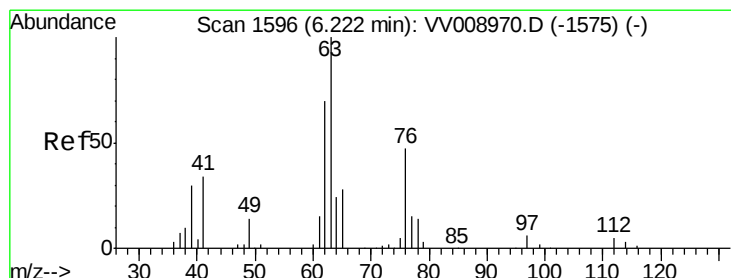
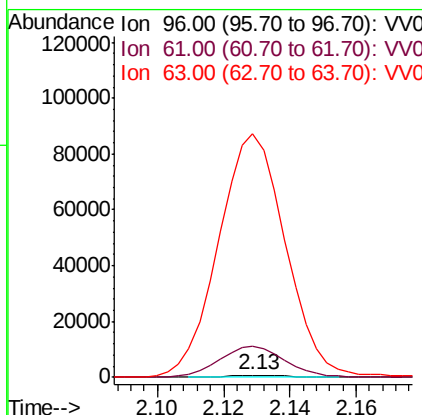
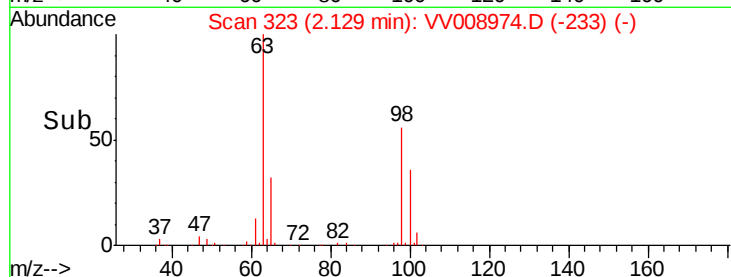
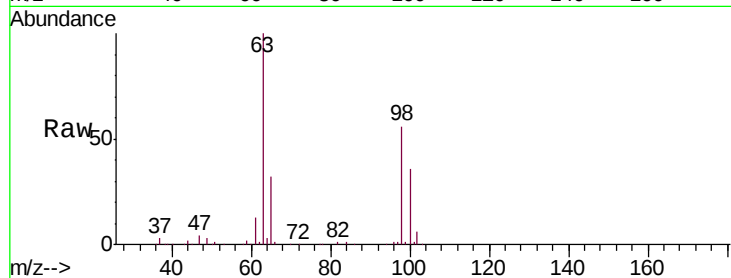




#12
 1,1-Dichloroethene
 Concen: 0.814 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008974.D
 Acq: 17 Dec 2018 12:55

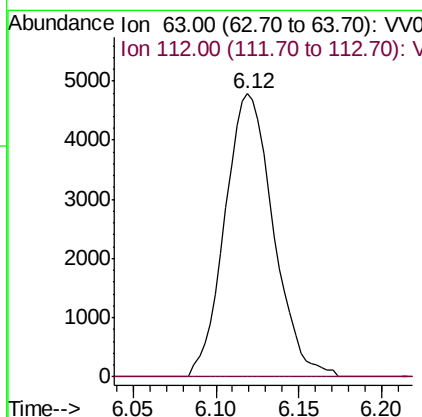
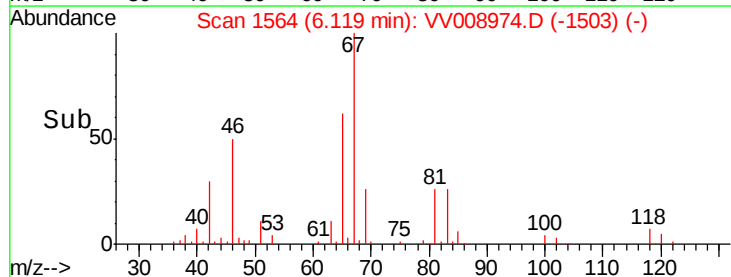
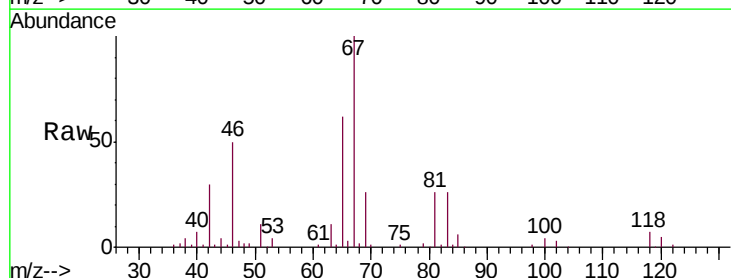
Instrument :
 MSVOA_V
 ClientSampleId :
 COL40

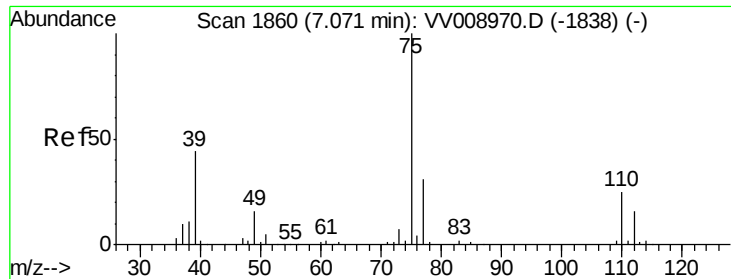
Tgt Ion: 96 Resp: 963
 Ion Ratio Lower Upper
 96 100
 61 1660.2 119.1 221.3#
 63 12961.7 96.0 178.2#



#37
 1,2-Dichloropropane
 Concen: 7.754 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV008974.D
 Acq: 17 Dec 2018 12:55

Tgt Ion: 63 Resp: 9729
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



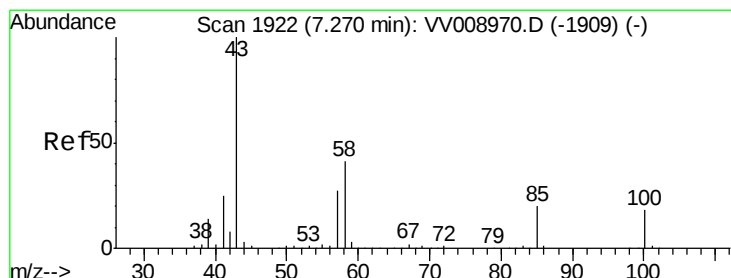
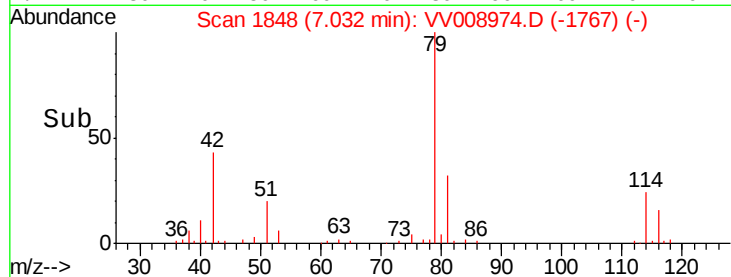
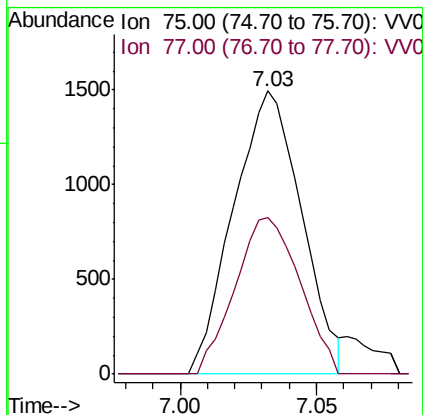
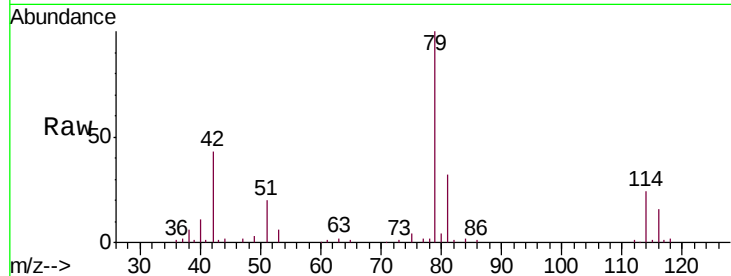


#39

cis-1,3-Dichloropropene
 Concen: 1.293 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008974.D
 Acq: 17 Dec 2018 12:55

Instrument :
 MSVOA_V
 ClientSampleId :
 COL40

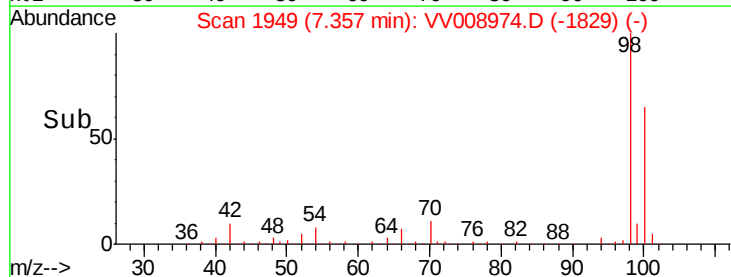
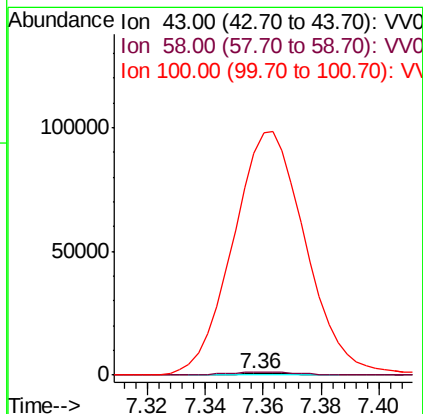
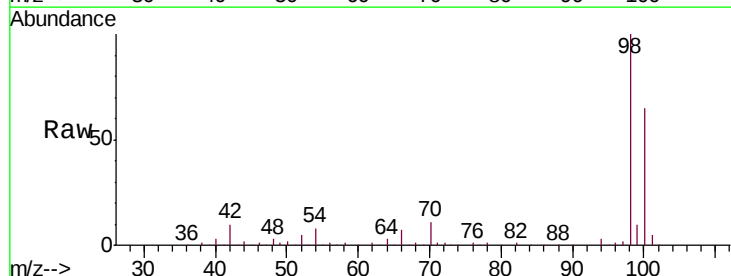
Tgt Ion: 75 Resp: 2588
 Ion Ratio Lower Upper
 75 100
 77 55.6 21.8 40.4#

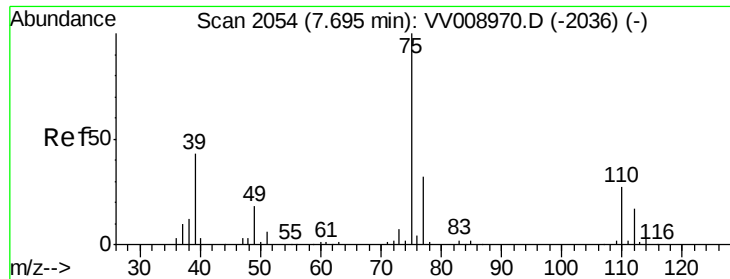


#40

4-Methyl-2-pentanone
 Concen: 0.724 ug/L
 RT: 7.36 min Scan# 1949
 Delta R.T. 0.09 min
 Lab File: VV008974.D
 Acq: 17 Dec 2018 12:55

Tgt Ion: 43 Resp: 1050
 Ion Ratio Lower Upper
 43 100
 58 200.5 33.4 50.0#
 100 16480.2 13.9 20.9#

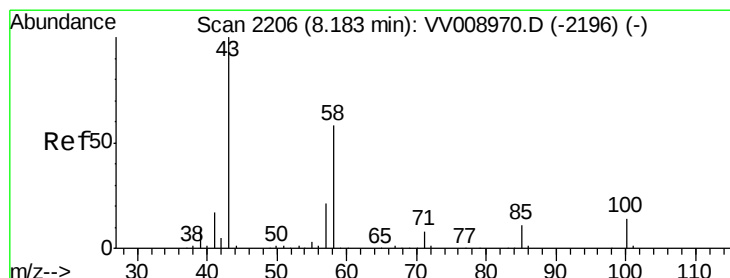
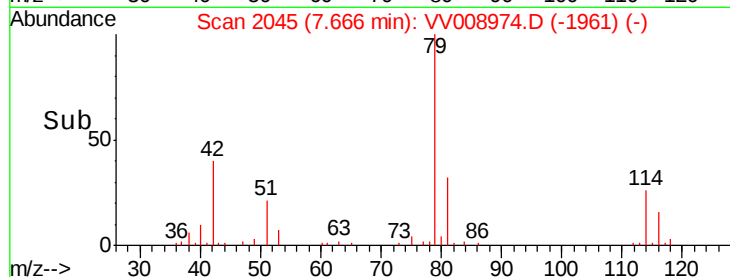
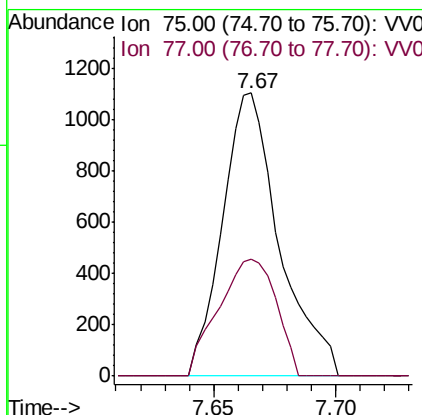
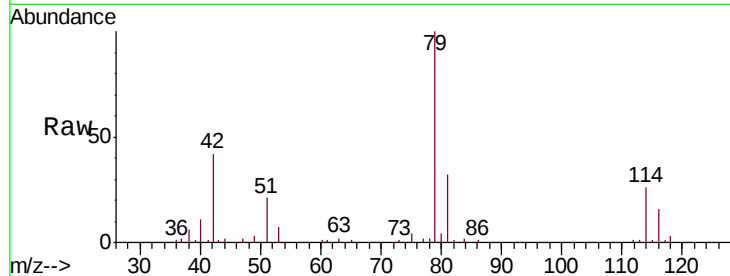




#44
trans-1,3-Dichloropropene
Concen: 0.958 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008974.D
Acq: 17 Dec 2018 12:55

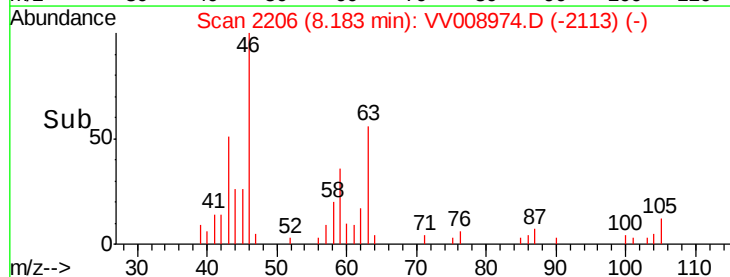
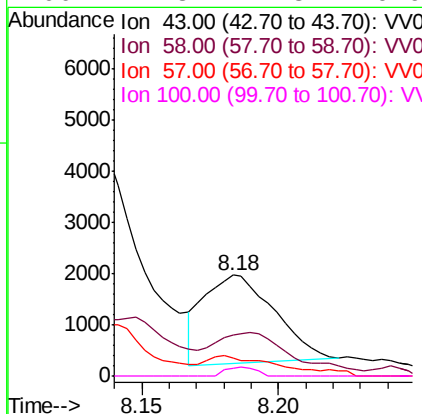
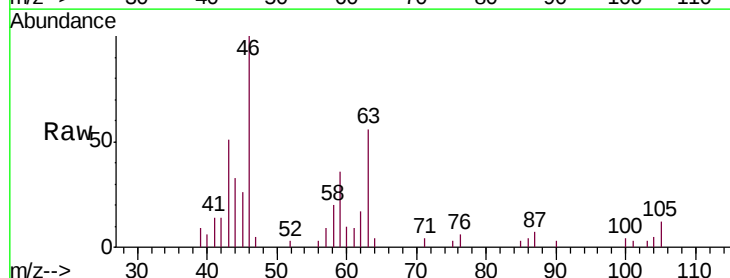
Instrument :
MSVOA_V
ClientSampleId :
COL40

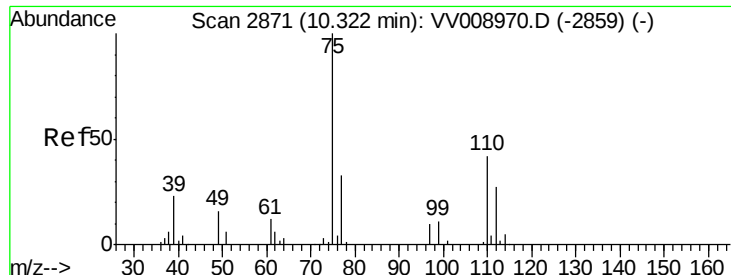
Tgt Ion: 75 Resp: 1787
Ion Ratio Lower Upper
75 100
77 41.5 21.6 40.2#



#48
2-Hexanone
Concen: 2.564 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV008974.D
Acq: 17 Dec 2018 12:55

Tgt Ion: 43 Resp: 3095
Ion Ratio Lower Upper
43 100
58 33.5 42.7 64.1#
57 4.3 15.7 23.5#
100 4.3 11.3 16.9#





#59

1,2,3-Trichloropropane

Concen: 4.900 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008974.D

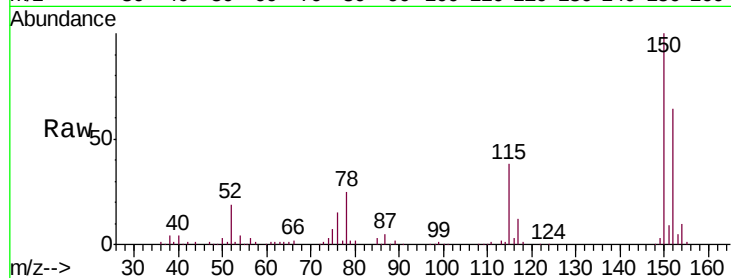
Acq: 17 Dec 2018 12:55

Instrument :

MSVOA_V

ClientSampleId :

COL40

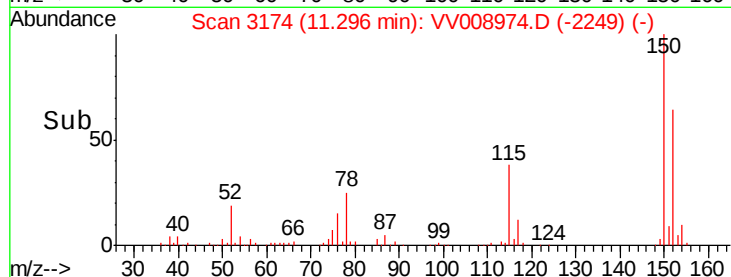


Tgt Ion: 75 Resp: 7742

Ion Ratio Lower Upper

75 100

77 38.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

