

Data File : VV008990.D
Acq On : 17 Dec 2018 19:41
Operator : SY/MD
Sample : J6387-19
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLC2

Quant Time: Dec 18 01:52:57 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	200097	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	183758	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77902	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54949	47.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.04%
7) Chloroethane-d5	1.56	69	39937	54.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.62%
11) 1,1-Dichloroethene-d2	2.13	63	104622	37.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.82%
21) 2-Butanone-d5	3.93	46	87781	112.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.51%
24) Chloroform-d	4.41	84	119676	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	80578	50.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.48%
32) Benzene-d6	5.10	84	248539	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
36) 1,2-Dichloropropane-d6	6.12	67	76400	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.68%
41) Toluene-d8	7.36	98	227136	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%
43) trans-1,3-Dichloropropene-	7.67	79	36162	47.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.84%
47) 2-Hexanone-d5	8.13	63	57916	105.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91337	47.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	81355	50.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.26%

Target Compounds

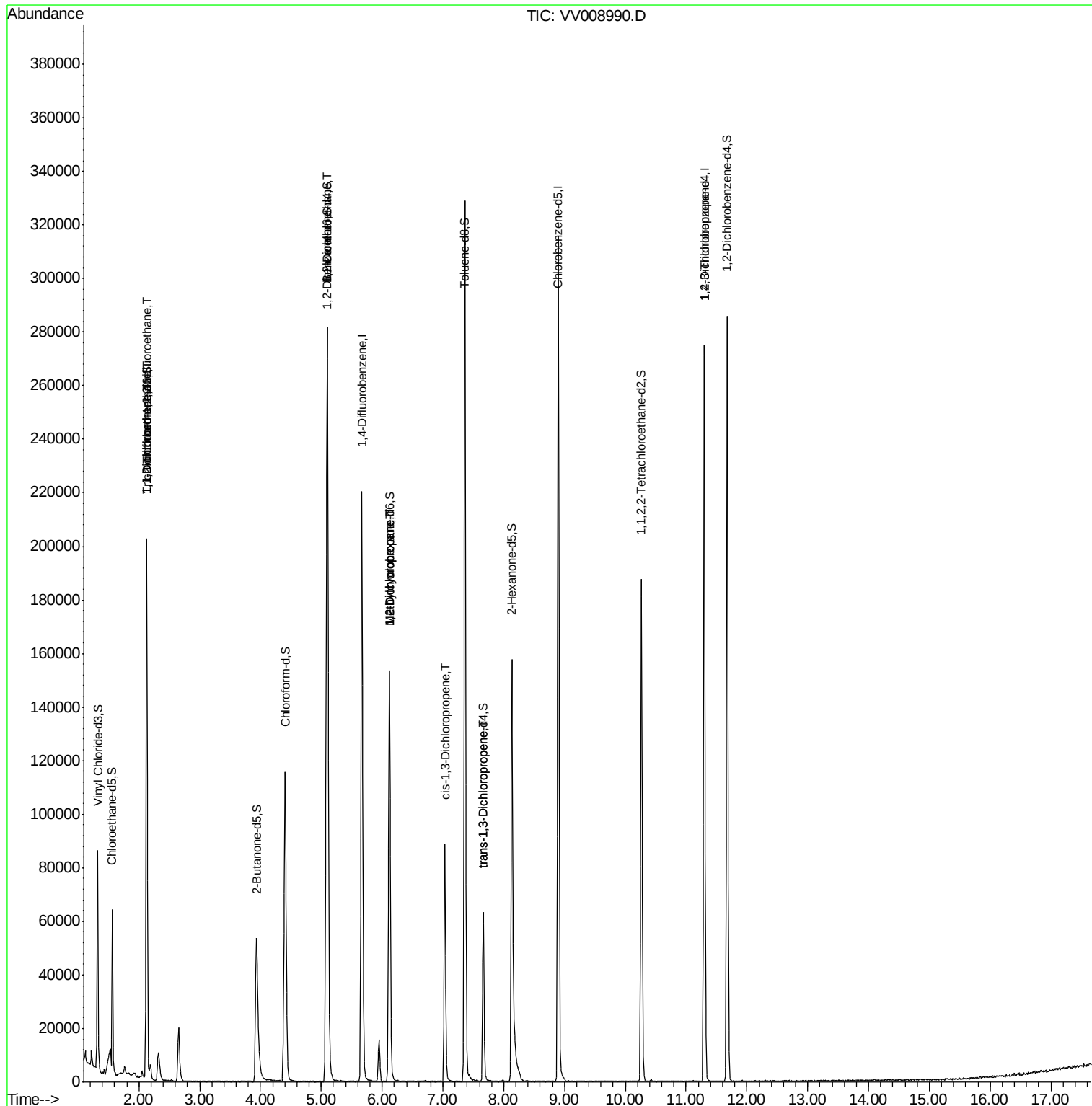
					Qvalue
9) Trichlorofluoromethane	2.13	101	1157	0.518 ug/L #	29
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1157	0.847 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1014	0.816 ug/L #	1
27) 1,2-Dichloroethane	5.10	62	1359	0.707 ug/L #	74
35) Methylcyclohexane	6.12	83	18663	8.607 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8376	6.396 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2048	0.981 ug/L #	49
44) trans-1,3-Dichloropropene	7.67	75	1522	0.782 ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	8054	4.884 ug/L #	87

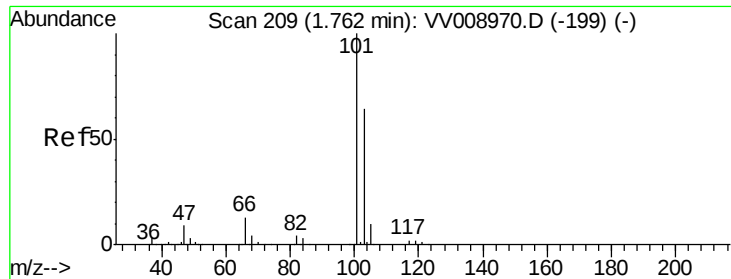
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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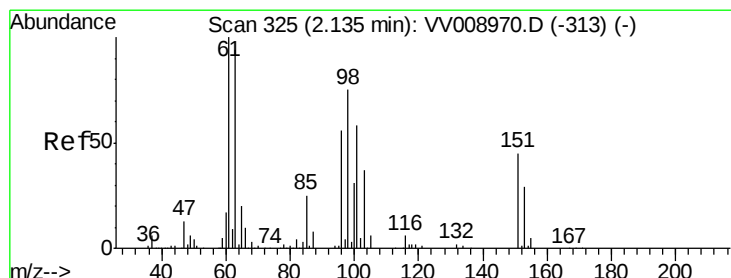
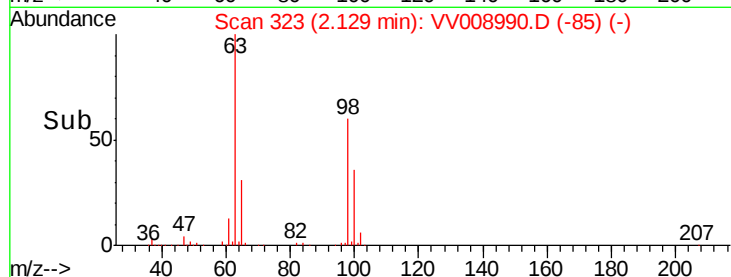
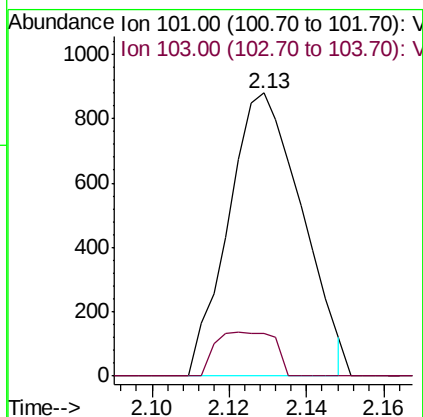
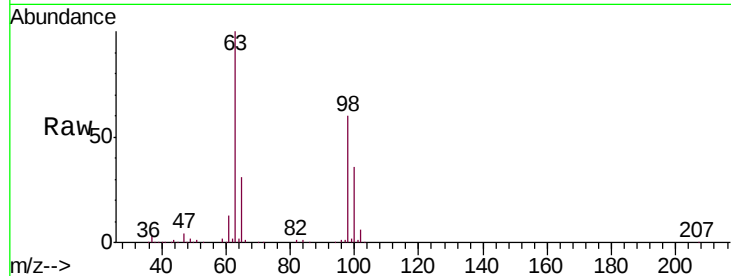


#9

Trichlorofluoromethane
 Concen: 0.518 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.37 min
 Lab File: VV008990.D
 Acq: 17 Dec 2018 19:41

Instrument :
 MSVOA_V
 ClientSampleId :
 C0LC2

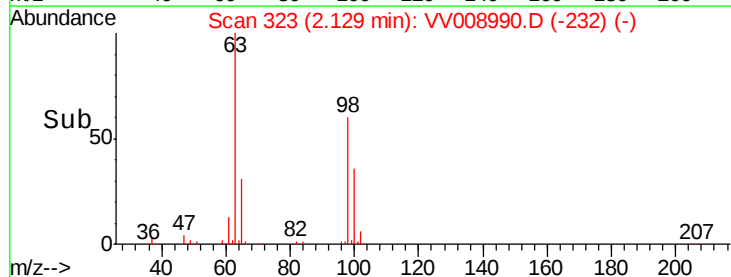
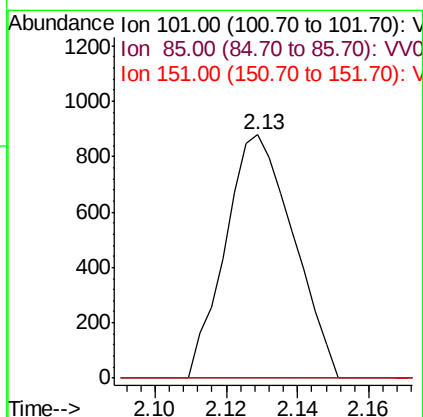
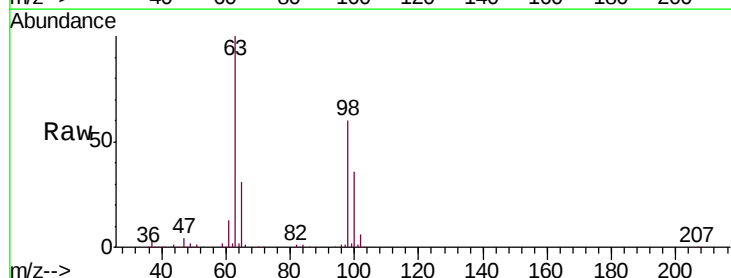
Tgt Ion:101 Resp: 1157
 Ion Ratio Lower Upper
 101 100
 103 8.5 51.5 77.3#

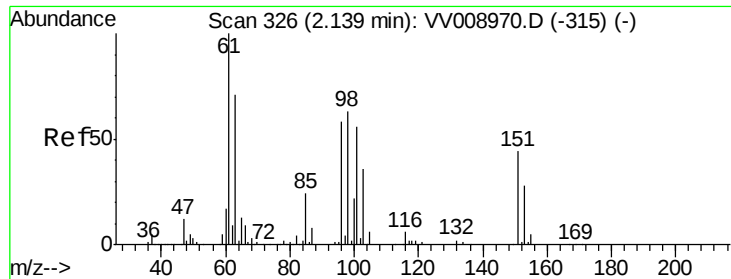


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.847 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008990.D
 Acq: 17 Dec 2018 19:41

Tgt Ion:101 Resp: 1157
 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: 0.816 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008990.D

Acq: 17 Dec 2018 19:41

Instrument :

MSVOA_V

ClientSampleId :

C0LC2

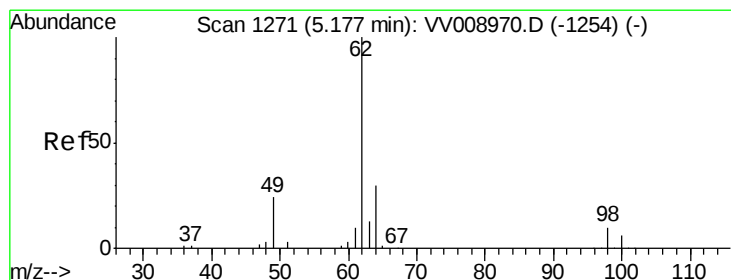
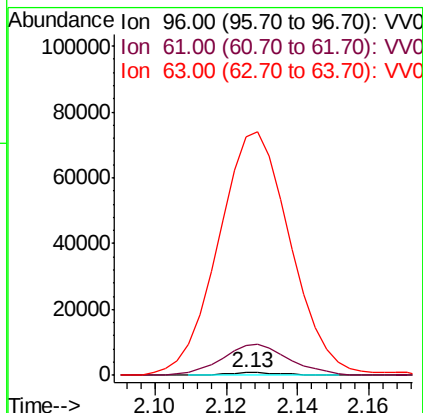
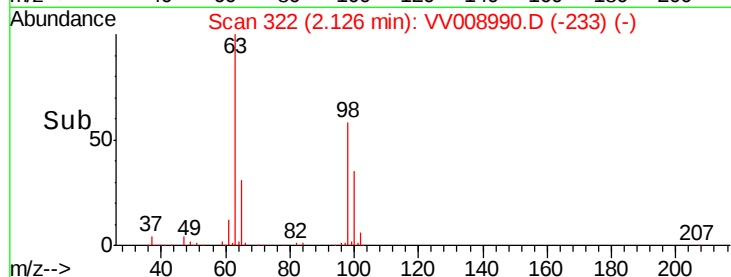
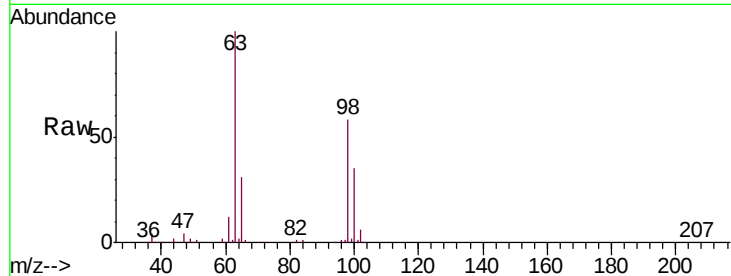
Tgt Ion: 96 Resp: 1014

Ion Ratio Lower Upper

96 100

61 1114.2 119.1 221.3#

63 8920.2 96.0 178.2#



#27

1,2-Dichloroethane

Concen: 0.707 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV008990.D

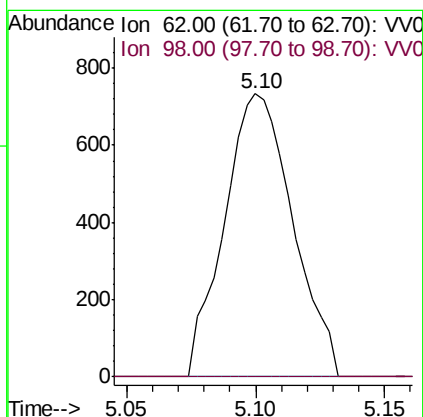
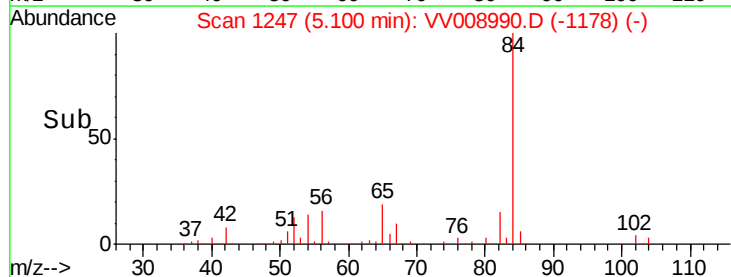
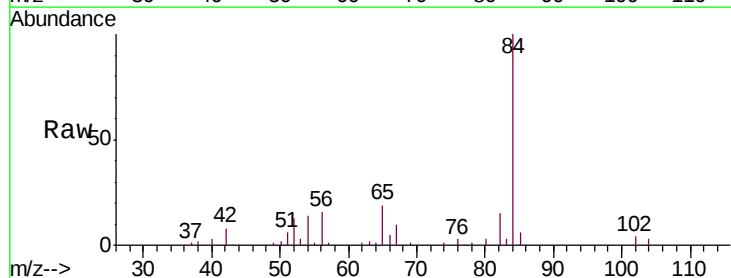
Acq: 17 Dec 2018 19:41

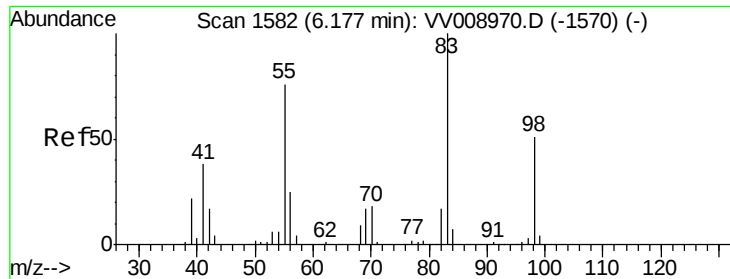
Tgt Ion: 62 Resp: 1359

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#

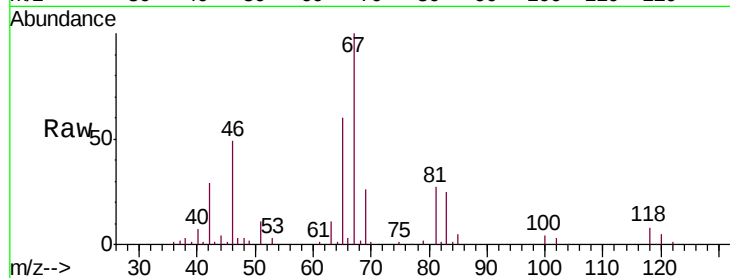




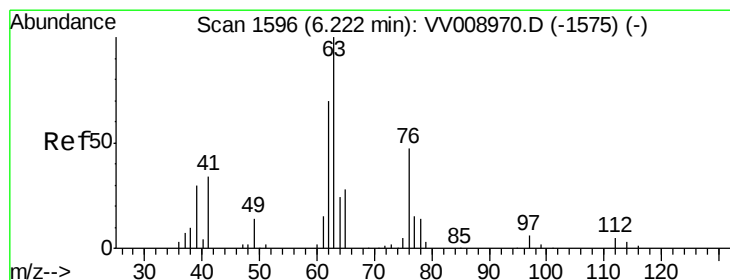
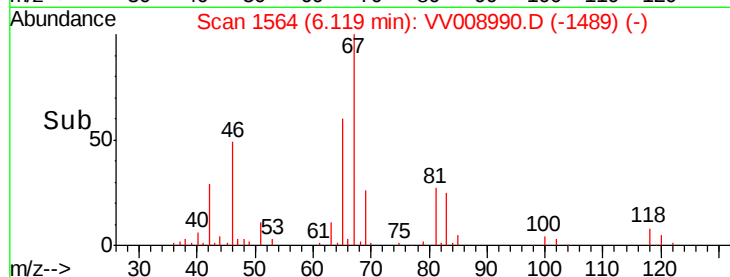
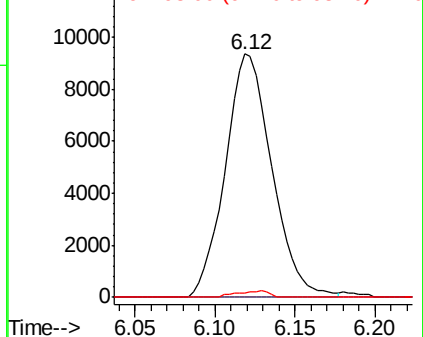
#35
Methylcyclohexane
Concen: 8.607 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008990.D
Acq: 17 Dec 2018 19:41

Instrument :
MSVOA_V
ClientSampleId :
COLC2

Tgt Ion: 83 Resp: 18663
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 1.8 39.0 58.4#

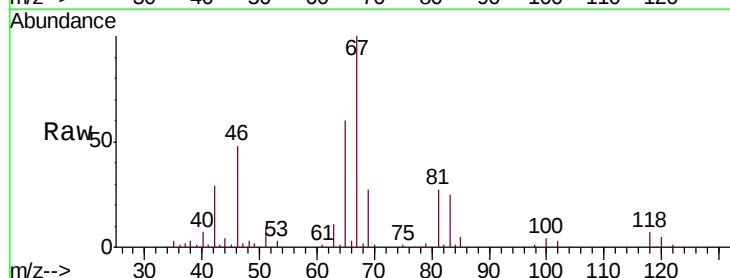


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

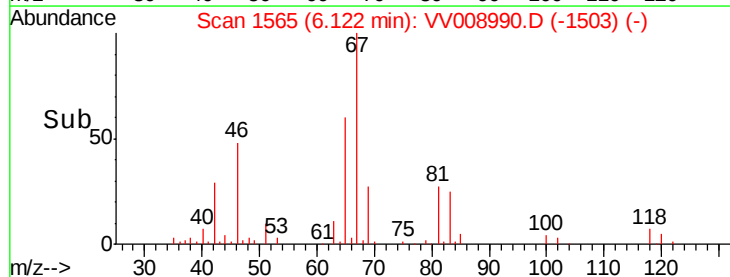
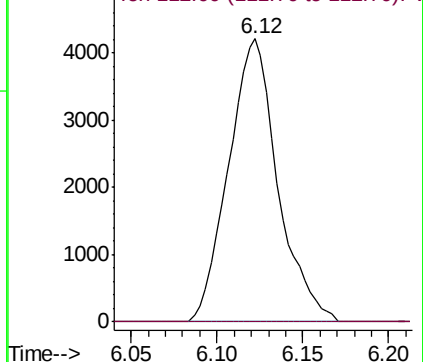


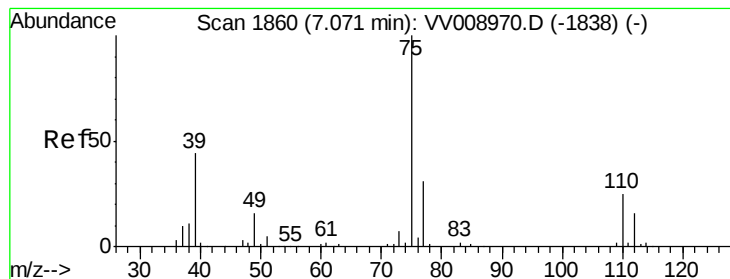
#37
1,2-Dichloropropane
Concen: 6.396 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008990.D
Acq: 17 Dec 2018 19:41

Tgt Ion: 63 Resp: 8376
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.981 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008990.D

Acq: 17 Dec 2018 19:41

Instrument :

MSVOA_V

ClientSampleId :

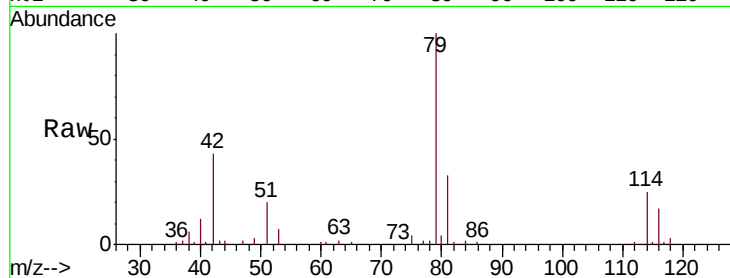
C0LC2

Tgt Ion: 75 Resp: 2048

Ion Ratio Lower Upper

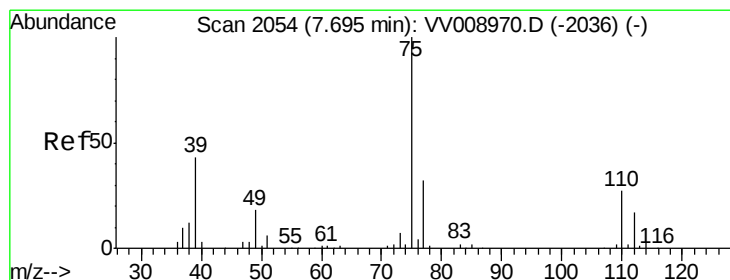
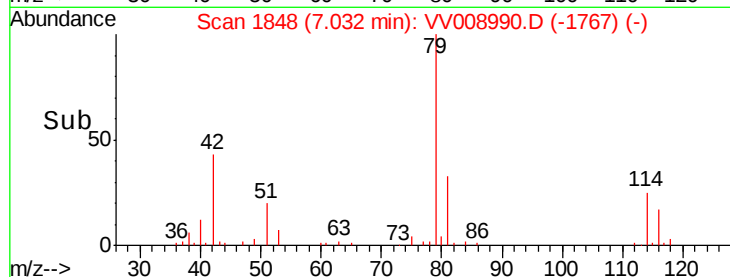
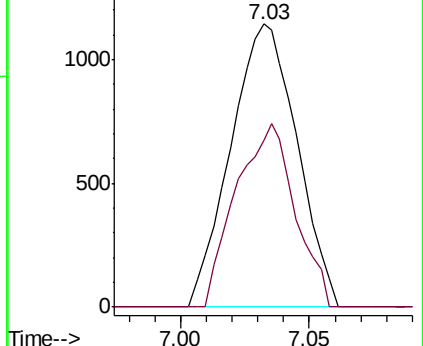
75 100

77 59.0 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.782 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008990.D

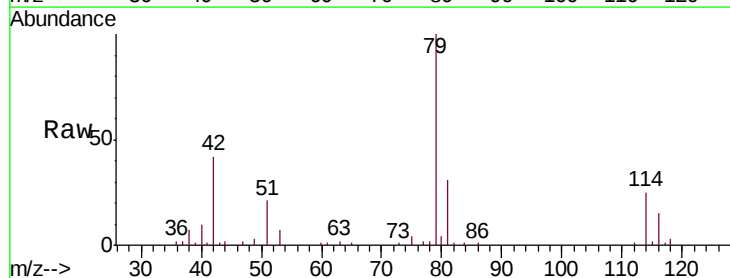
Acq: 17 Dec 2018 19:41

Tgt Ion: 75 Resp: 1522

Ion Ratio Lower Upper

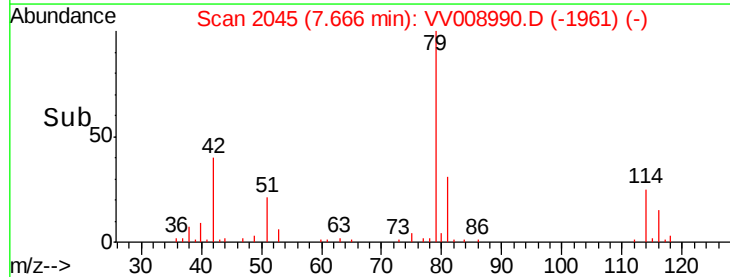
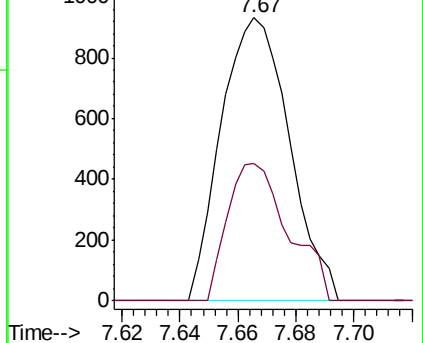
75 100

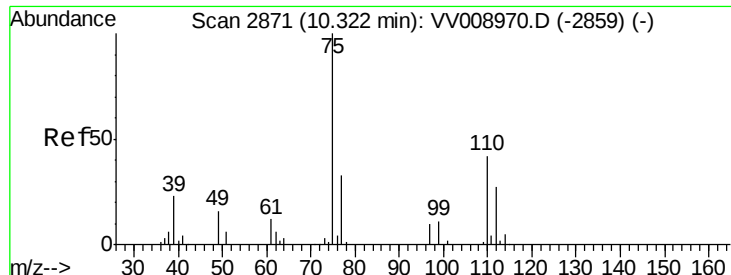
77 48.4 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 4.884 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV008990.D

Acq: 17 Dec 2018 19:41

Instrument :

MSVOA_V

ClientSampleId :

C0LC2

Tgt Ion: 75 Resp: 8054

Ion Ratio Lower Upper

75 100

77 39.7 25.8 38.8#

