

Data File : VV009007.D
Acq On : 18 Dec 2018 02:29
Operator : SY/MD
Sample : J6422-10
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0LD4

Quant Time: Dec 18 03:43:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 03:36:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	185264	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	169564	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73346	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51007	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.28%
7) Chloroethane-d5	1.56	69	44766	65.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	131.50%#
11) 1,1-Dichloroethene-d2	2.13	63	100079	39.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.34%
21) 2-Butanone-d5	3.93	46	84957	117.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.61%
24) Chloroform-d	4.40	84	116445	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
26) 1,2-Dichloroethane-d4	5.08	65	79759	54.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.48%
32) Benzene-d6	5.10	84	241189	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.56%
36) 1,2-Dichloropropane-d6	6.12	67	73431	53.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.96%
41) Toluene-d8	7.36	98	220375	51.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.76%
43) trans-1,3-Dichloropropene-	7.67	79	32982	47.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.72%
47) 2-Hexanone-d5	8.14	63	57911	113.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.95%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	90830	51.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	79399	52.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.98%

Target Compounds

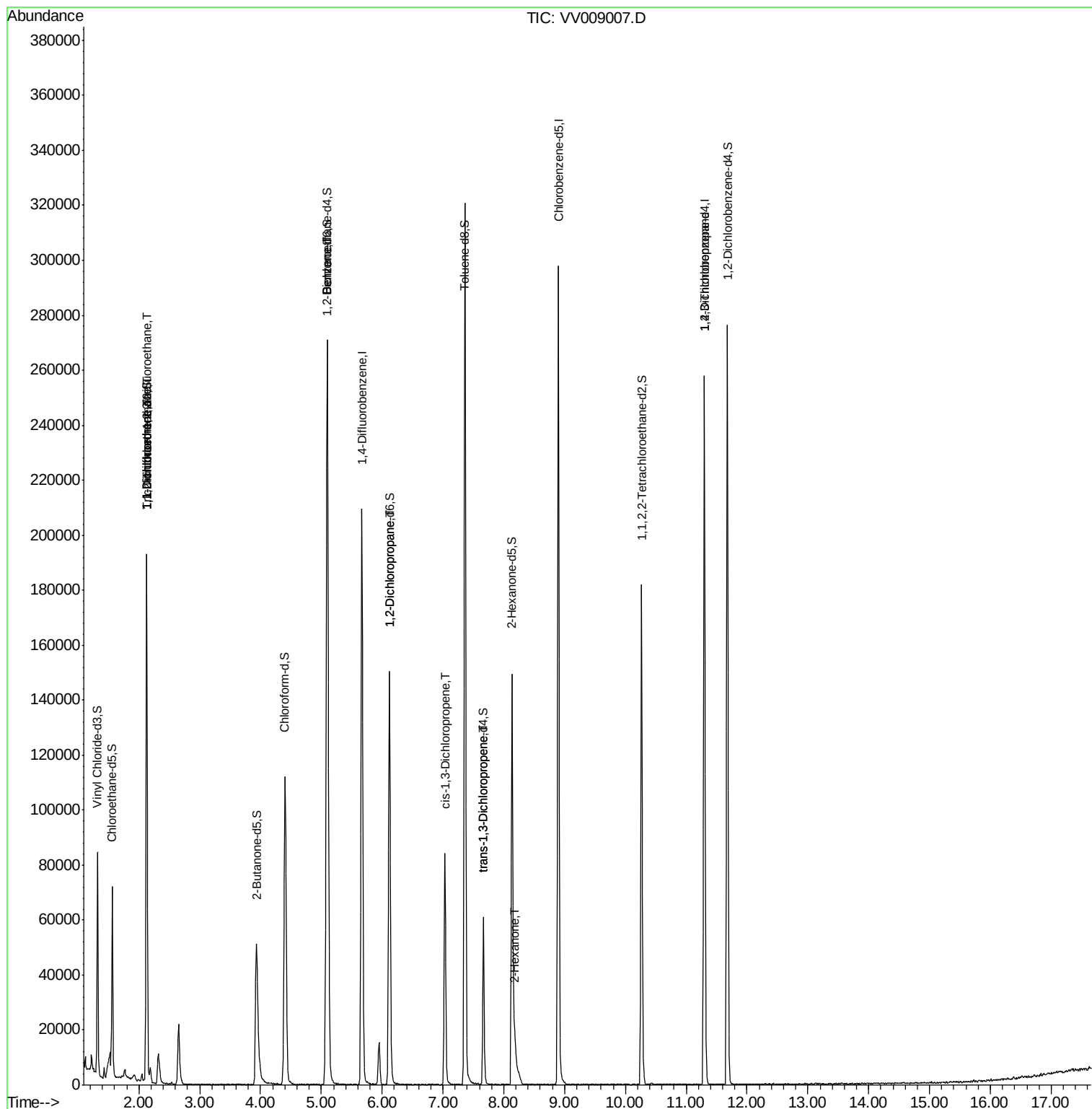
					Qvalue
9) Trichlorofluoromethane	2.13	101	898	0.435 ug/L #	27
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	898	0.710 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	772	0.671 ug/L #	1
33) Benzene	5.10	78	1974	0.422 ug/L	100
37) 1,2-Dichloropropane	6.12	63	8396	6.948 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2132	1.106 ug/L #	75
44) trans-1,3-Dichloropropene	7.66	75	1558	0.867 ug/L #	81
48) 2-Hexanone	8.19	43	2613	2.247 ug/L #	61
59) 1,2,3-Trichloropropane	11.30	75	7276	4.781 ug/L #	84

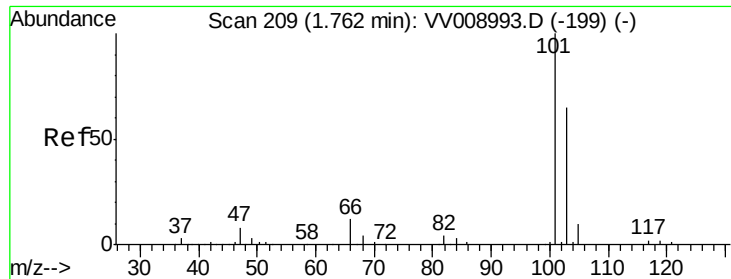
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009007.D
Acq On : 18 Dec 2018 02:29
Operator : SY/MD
Sample : J6422-10
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0LD4

Quant Time: Dec 18 03:43:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 03:36:51 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.435 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.36 min

Lab File: VV009007.D

Acq: 18 Dec 2018 02:29

Instrument :

MSVOA_V

ClientSampleId :

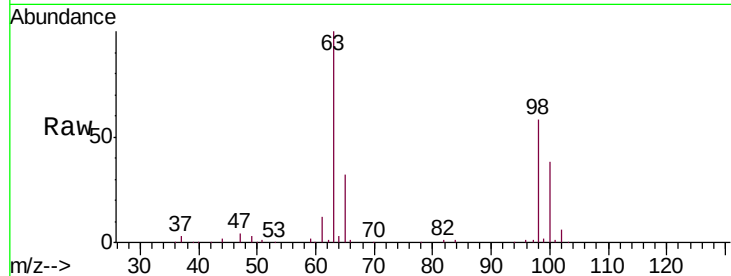
COLD4

Tgt Ion:101 Resp: 898

Ion Ratio Lower Upper

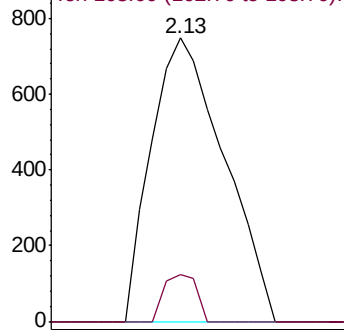
101 100

103 7.3 51.5 77.3#

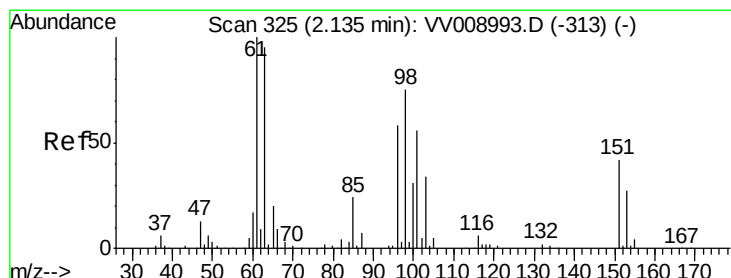
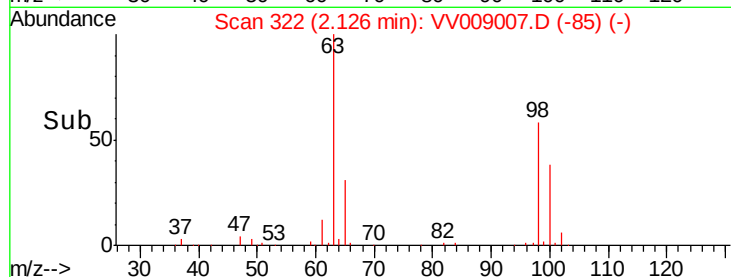


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#10

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

Concen: 0.710 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV009007.D

Acq: 18 Dec 2018 02:29

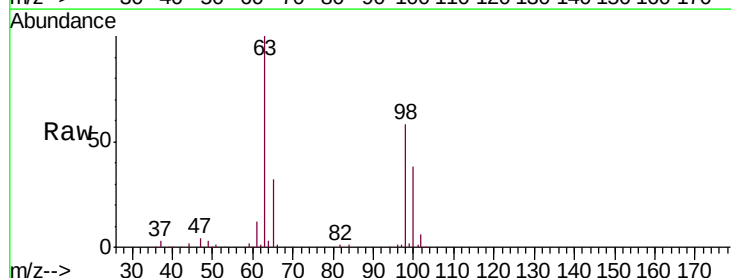
Tgt Ion:101 Resp: 898

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

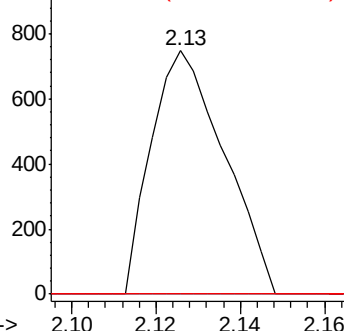
151 0.0 63.8 95.8#



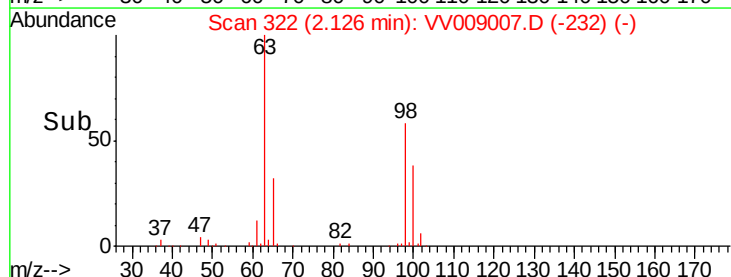
Abundance Ion 101.00 (100.70 to 101.70): V

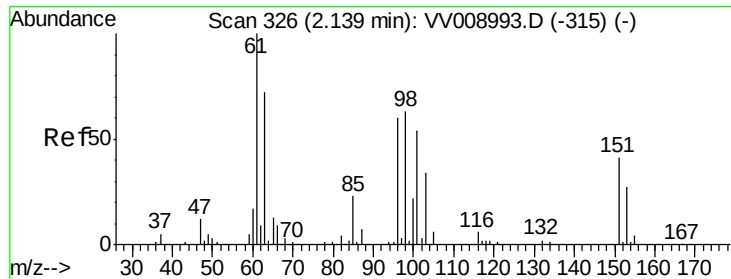
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->

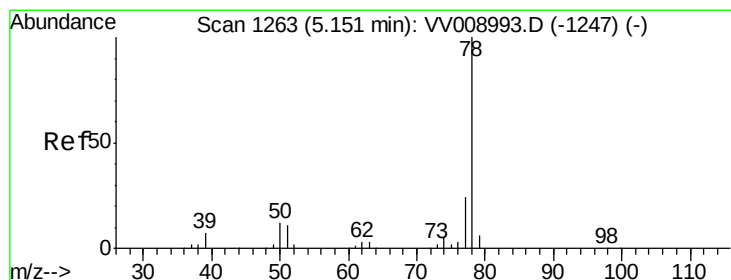
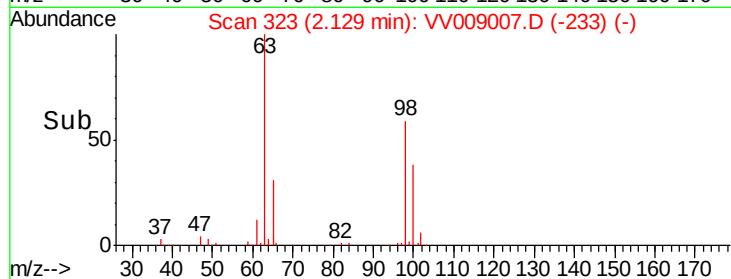
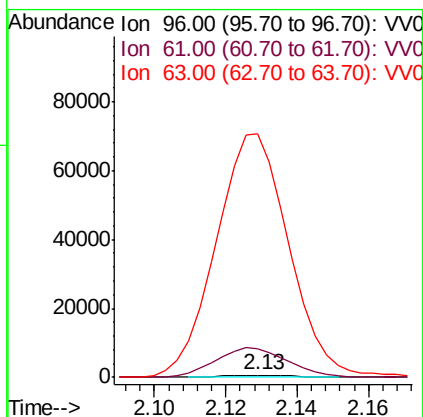
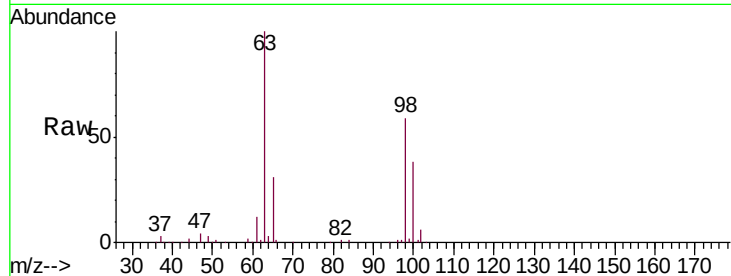




#12
 1,1-Dichloroethene
 Concen: 0.671 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV009007.D
 Acq: 18 Dec 2018 02:29

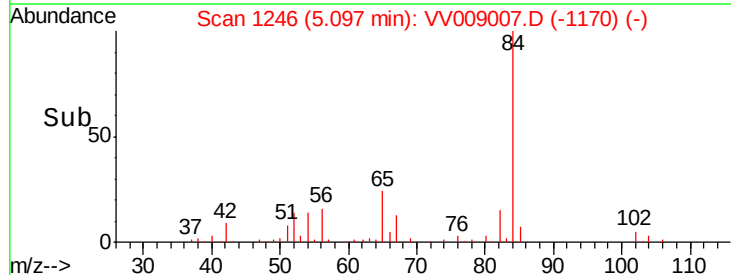
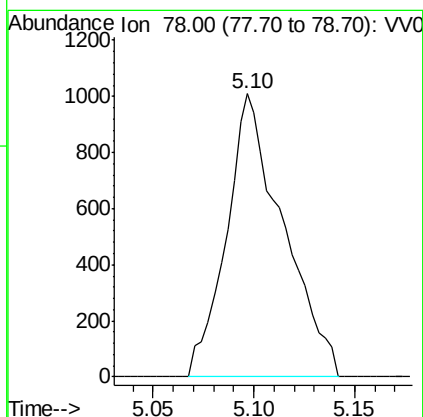
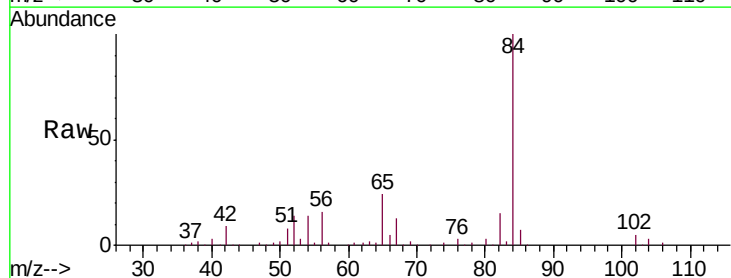
Instrument :
 MSVOA_V
 ClientSampleId :
 COLD4

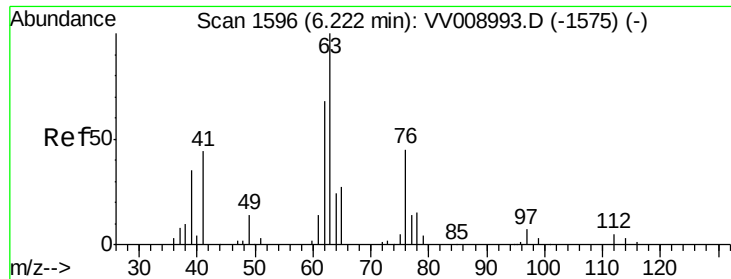
Tgt Ion: 96 Resp: 772
 Ion Ratio Lower Upper
 96 100
 61 1514.5 119.1 221.3#
 63 12850.9 96.0 178.2#



#33
 Benzene
 Concen: 0.422 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.05 min
 Lab File: VV009007.D
 Acq: 18 Dec 2018 02:29

Tgt Ion: 78 Resp: 1974

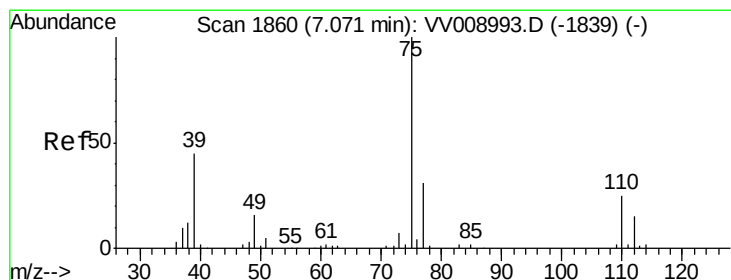
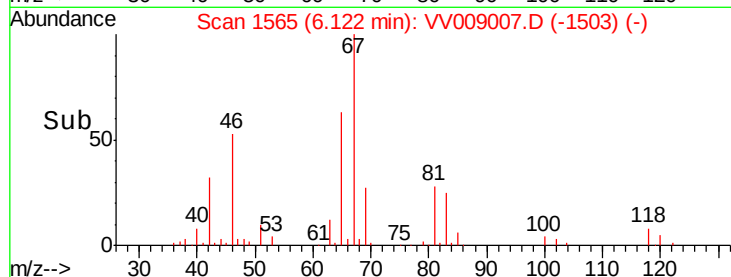
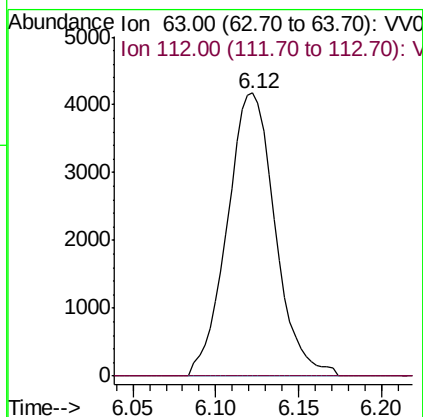
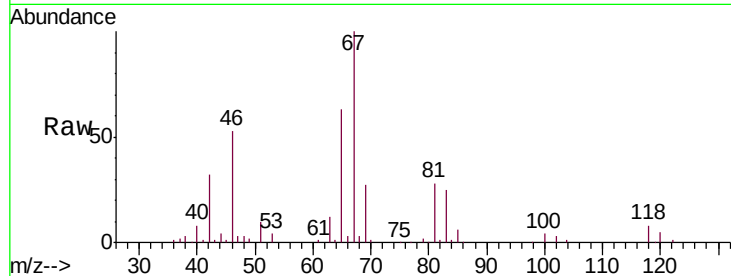




#37
 1,2-Dichloropropane
 Concen: 6.948 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV009007.D
 Acq: 18 Dec 2018 02:29

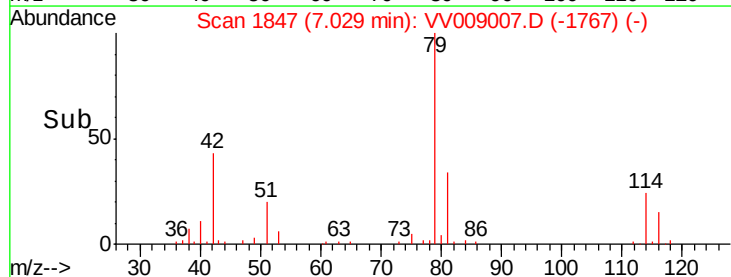
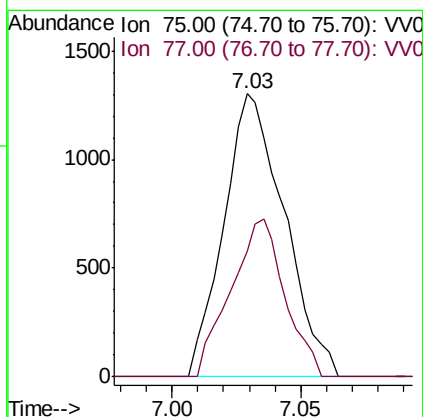
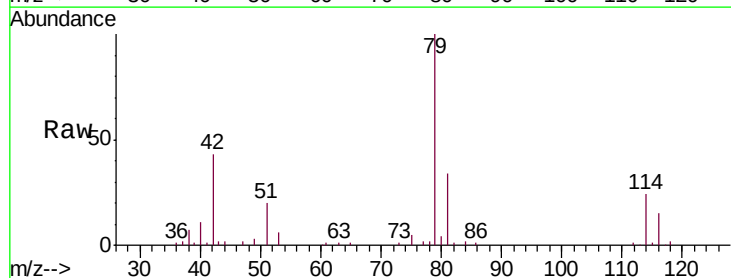
Instrument :
 MSVOA_V
 ClientSampleId :
 C0LD4

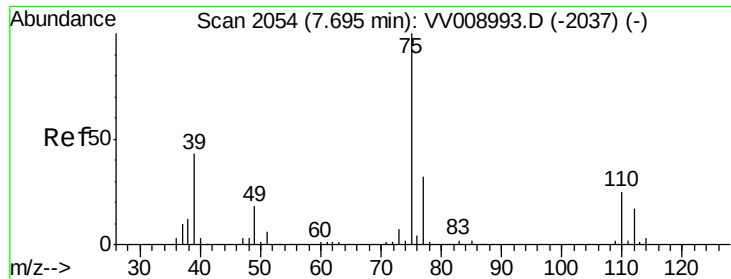
Tgt Ion: 63 Resp: 8396
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.106 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009007.D
 Acq: 18 Dec 2018 02:29

Tgt Ion: 75 Resp: 2132
 Ion Ratio Lower Upper
 75 100
 77 44.7 21.8 40.4#





#44

trans-1,3-Dichloropropene

Concen: 0.867 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009007.D

Acq: 18 Dec 2018 02:29

Instrument :

MSVOA_V

ClientSampleId :

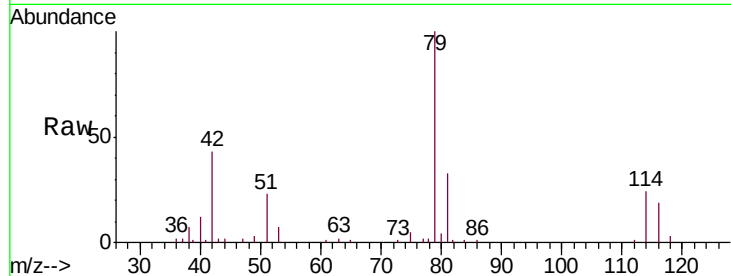
COLD4

Tgt Ion: 75 Resp: 1558

Ion Ratio Lower Upper

75 100

77 41.3 21.6 40.2#

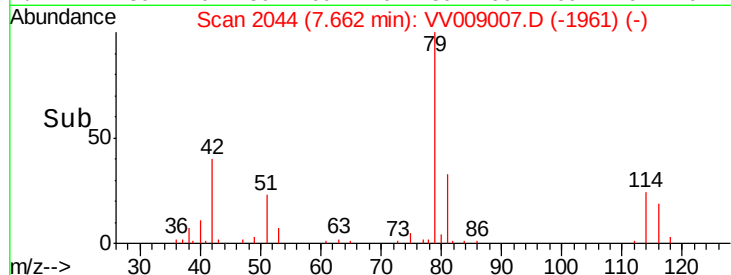


Abundance Ion 75.00 (74.70 to 75.70): VV008993.D (-2037) (-)

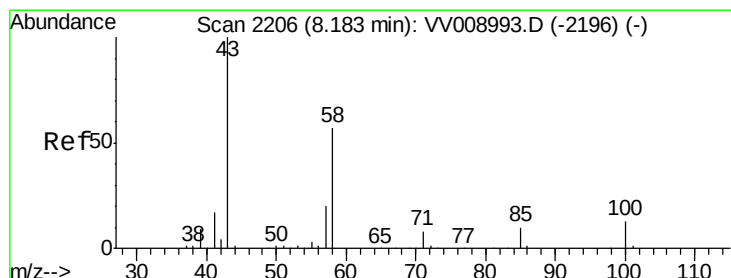
Ion 77.00 (76.70 to 77.70): VV008993.D (-2037) (-)

7.66

Time-->



Time-->



#48

2-Hexanone

Concen: 2.247 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV009007.D

Acq: 18 Dec 2018 02:29

Tgt Ion: 43 Resp: 2613

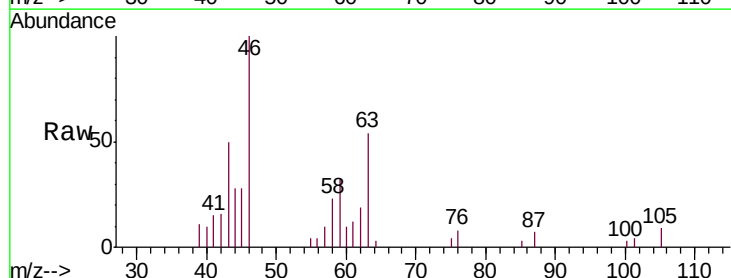
Ion Ratio Lower Upper

43 100

58 19.3 42.7 64.1#

57 8.7 15.7 23.5#

100 3.9 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VV008993.D (-2196) (-)

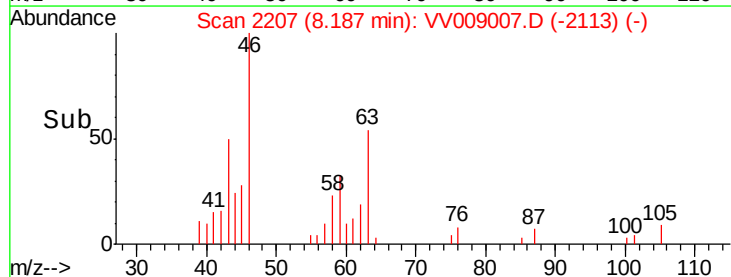
Ion 58.00 (57.70 to 58.70): VV008993.D (-2196) (-)

Ion 57.00 (56.70 to 57.70): VV008993.D (-2196) (-)

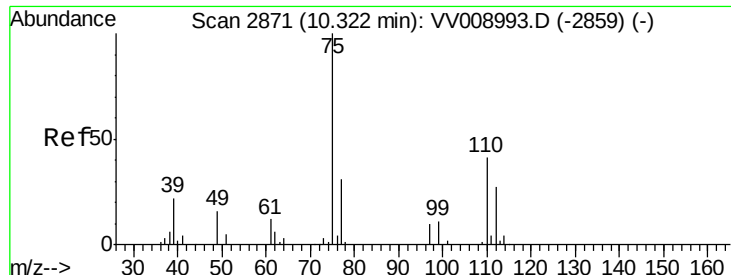
Ion 100.00 (99.70 to 100.70): VV008993.D (-2196) (-)

8.19

Time-->



Time-->



#59

1,2,3-Trichloropropane

Concen: 4.781 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009007.D

Acq: 18 Dec 2018 02:29

Instrument :

MSVOA_V

ClientSampleId :

C0LD4

Tgt Ion: 75 Resp: 7276

Ion Ratio Lower Upper

75 100

77 41.1 25.8 38.8#

