

Data File : VV009756.D
Acq On : 18 Mar 2019 14:10
Operator : SY/MD
Sample : K1918-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C09A0

Quant Time: Mar 19 04:32:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:32:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	134218	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128571	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48555	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45677	50.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.94%
7) Chloroethane-d5	1.56	69	35921	53.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.12	63	74968	38.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.80%
21) 2-Butanone-d5	3.93	46	53893	99.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	4.40	84	82843	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
26) 1,2-Dichloroethane-d4	5.08	65	52861	52.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.78%
32) Benzene-d6	5.10	84	175791	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.64%
36) 1,2-Dichloropropane-d6	6.12	67	53316	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.24%
41) Toluene-d8	7.36	98	166102	51.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.76%
43) trans-1,3-Dichloropropene-	7.66	79	23925	49.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.92%
47) 2-Hexanone-d5	8.13	63	40043	96.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	74094	47.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.50%
64) 1,2-Dichlorobenzene-d4	11.68	152	54633	55.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.22%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.13	101	661	0.396	ug/L #	25
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	683	0.740	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	587	0.734	ug/L #	1
13) Acetone	2.19	43	2756	5.398	ug/L	95
27) 1,2-Dichloroethane	5.10	62	758	0.615	ug/L #	74
35) Methylcyclohexane	6.12	83	12540	8.331	ug/L #	22
39) cis-1,3-Dichloropropene	7.03	75	1778	1.301	ug/L #	62
44) trans-1,3-Dichloropropene	7.66	75	1208	0.933	ug/L	86
59) 1,2,3-Trichloropropane	11.30	75	6138	5.213	ug/L	89

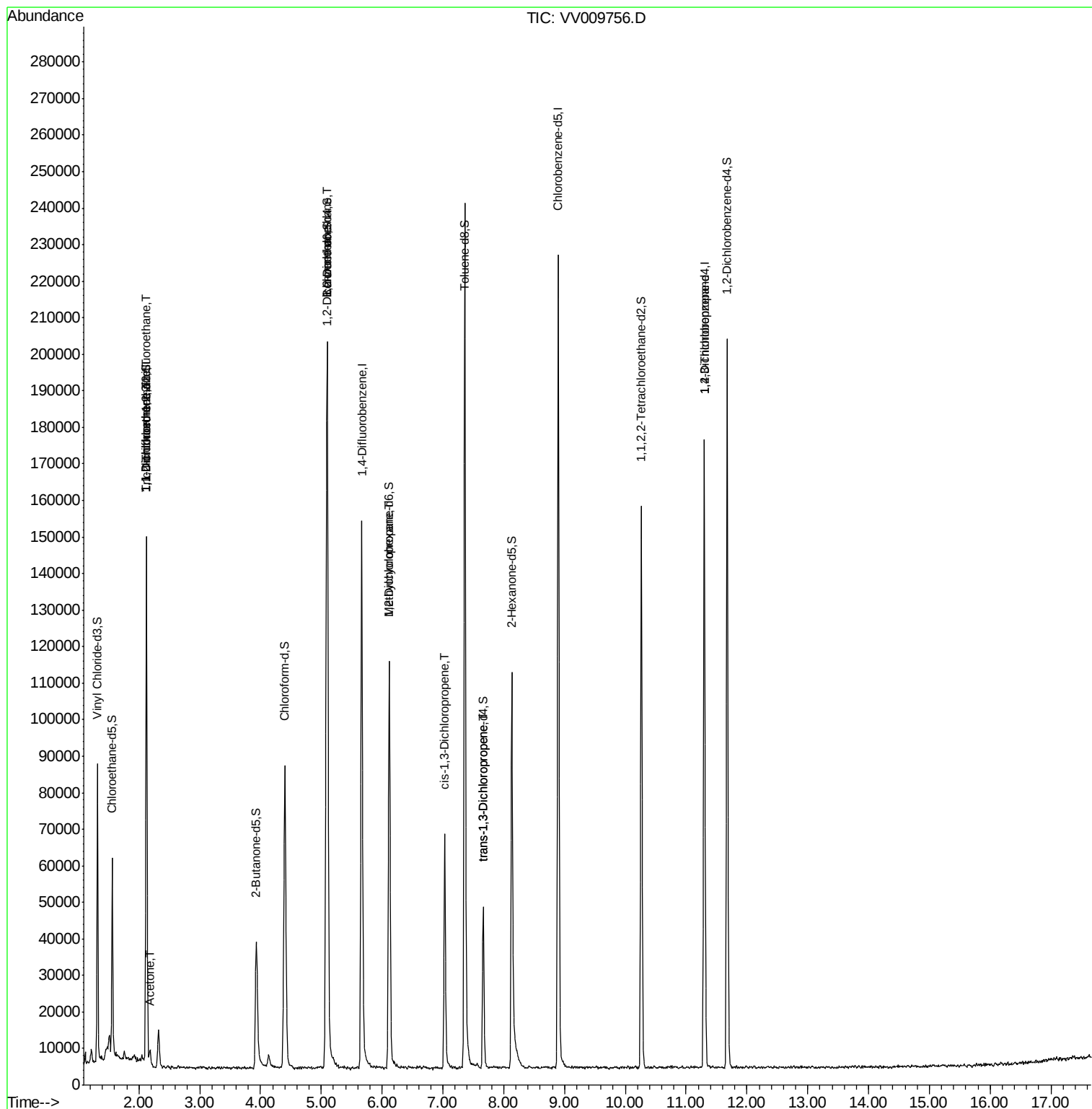
(#) = qualifier out of range (m) = manual integration (+) = signals summed

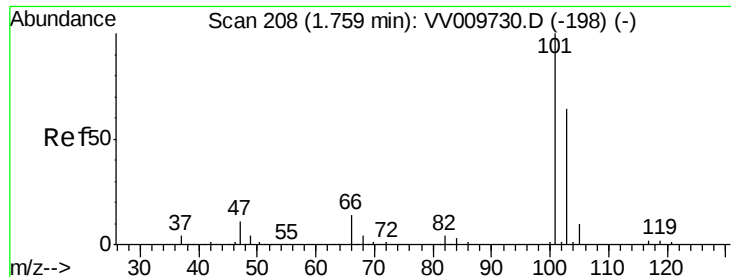
Data File : VV009756.D

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Quant Title : VOC Analysis
QLast Update : Mon Mar 18 12:32:58 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.396 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.37 min

Lab File: VV009756.D

Acq: 18 Mar 2019 14:10

Instrument :

MSVOA_V

ClientSampleId :

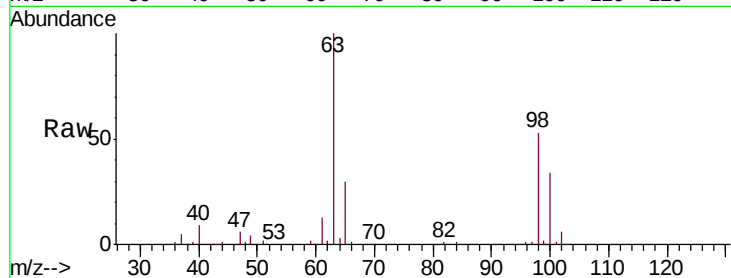
C09A0

Tgt Ion:101 Resp: 661

Ion Ratio Lower Upper

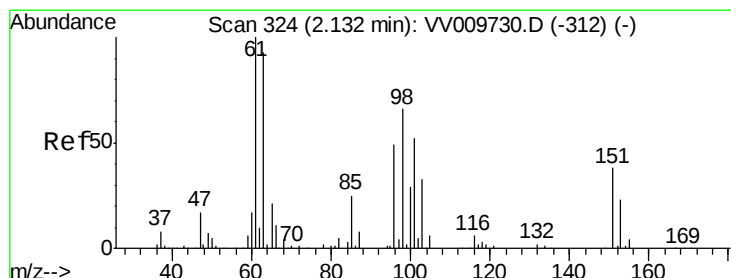
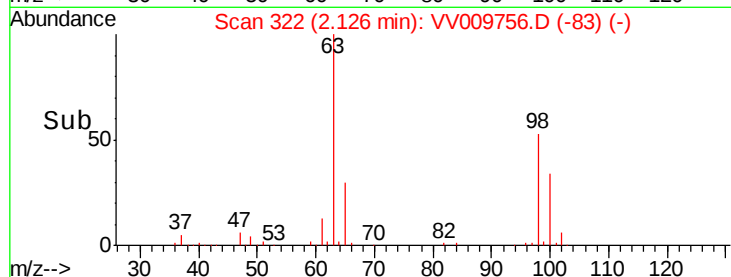
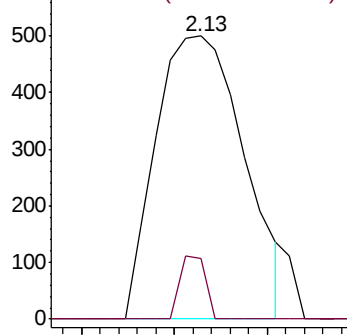
101 100

103 6.4 52.3 78.5#



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: 0.740 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV009756.D

Acq: 18 Mar 2019 14:10

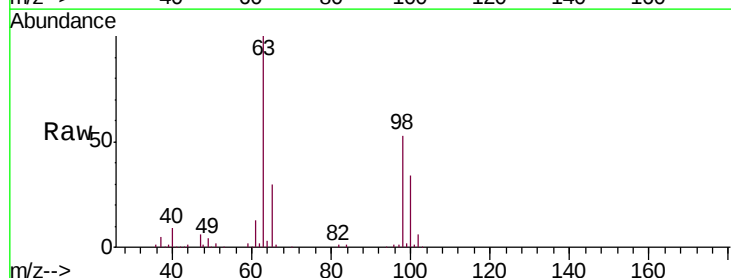
Tgt Ion:101 Resp: 683

Ion Ratio Lower Upper

101 100

85 0.0 38.5 57.7#

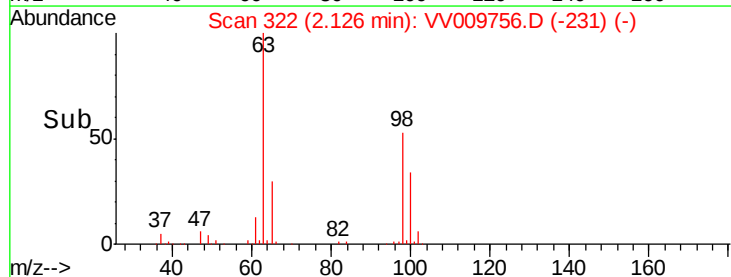
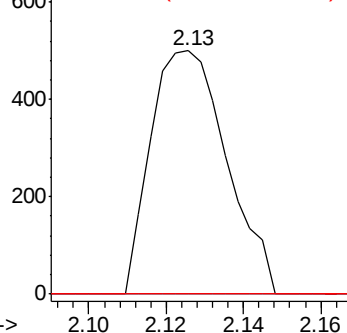
151 0.0 58.9 88.3#

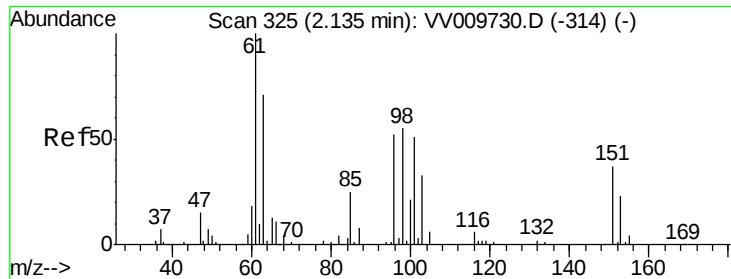


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

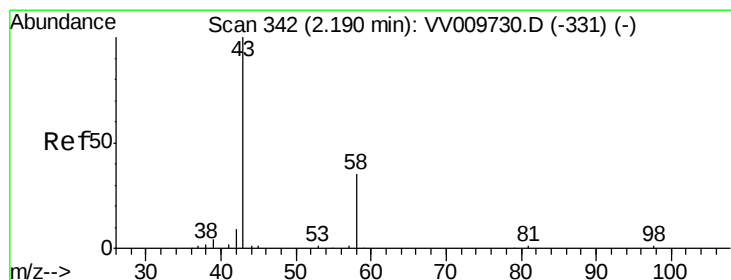
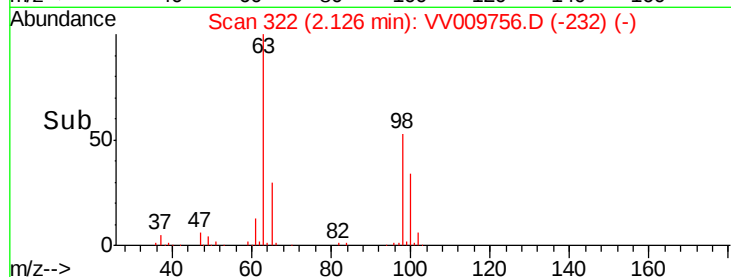
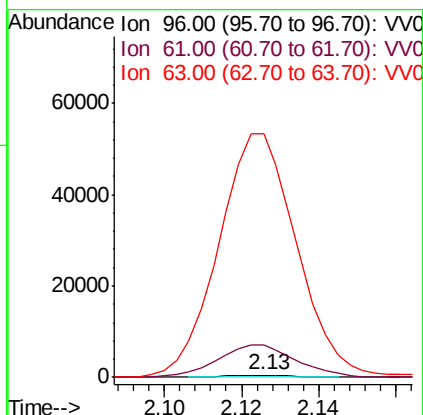
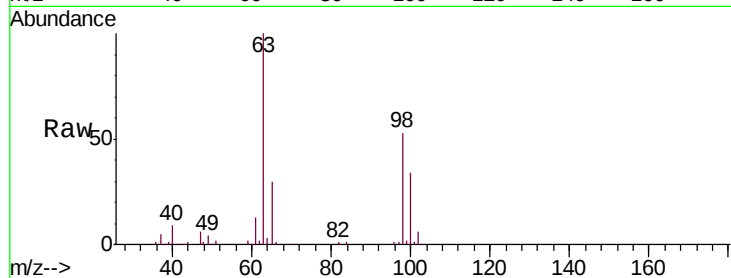




#12
 1,1-Dichloroethene
 Concen: 0.734 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV009756.D
 Acq: 18 Mar 2019 14:10

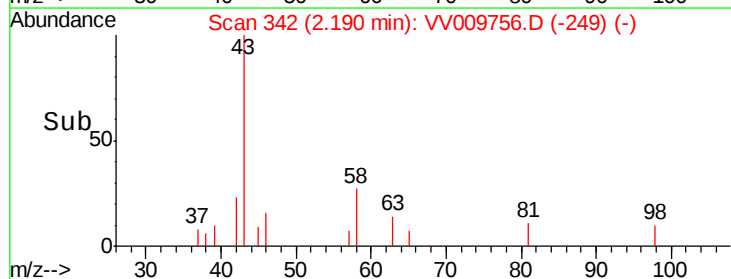
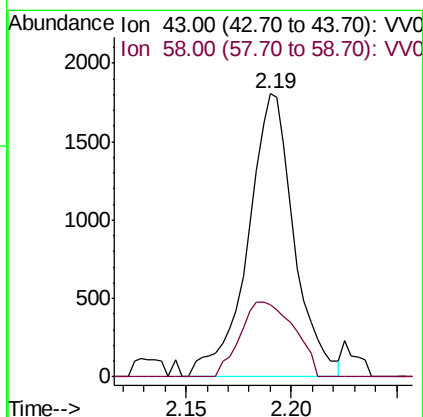
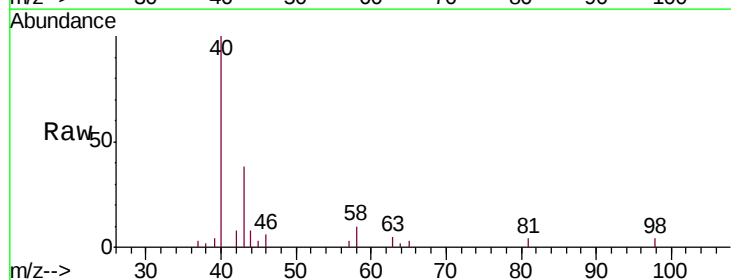
Instrument :
 MSVOA_V
 ClientSampled :
 C09A0

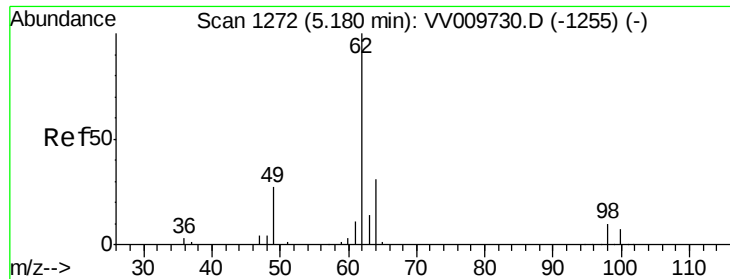
Tgt Ion: 96 Resp: 587
 Ion Ratio Lower Upper
 96 100
 61 1422.2 135.5 251.7#
 63 10848.1 100.2 186.2#



#13
 Acetone
 Concen: 5.398 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VV009756.D
 Acq: 18 Mar 2019 14:10

Tgt Ion: 43 Resp: 2756
 Ion Ratio Lower Upper
 43 100
 58 30.8 0.0 67.8





#27

1,2-Dichloroethane

Concen: 0.615 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV009756.D

Acq: 18 Mar 2019 14:10

Instrument :

MSVOA_V

ClientSampled :

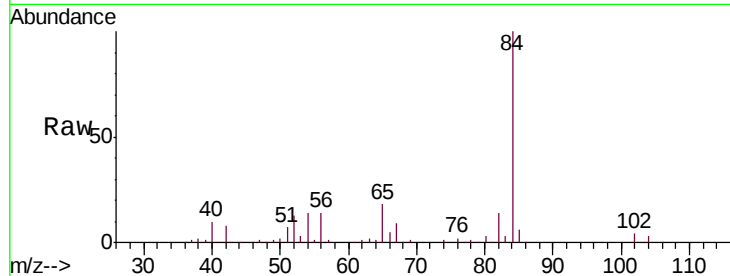
C09A0

Tgt Ion: 62 Resp: 758

Ion Ratio Lower Upper

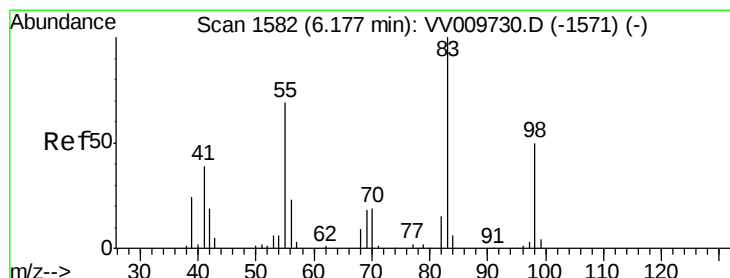
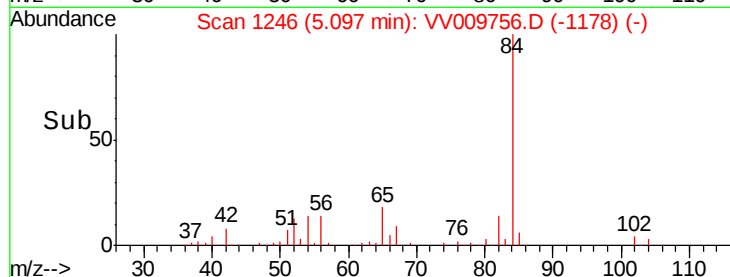
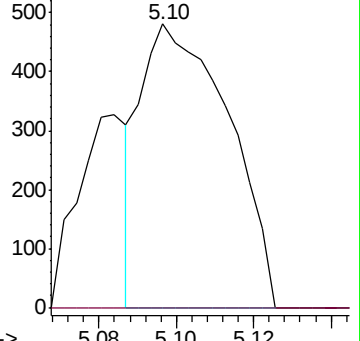
62 100

98 0.0 7.8 11.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#35

Methylcyclohexane

Concen: 8.331 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV009756.D

Acq: 18 Mar 2019 14:10

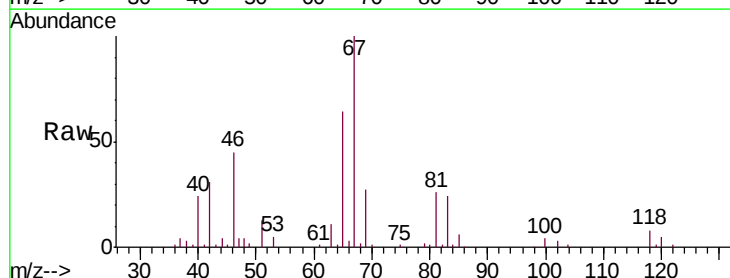
Tgt Ion: 83 Resp: 12540

Ion Ratio Lower Upper

83 100

55 0.0 54.2 81.4#

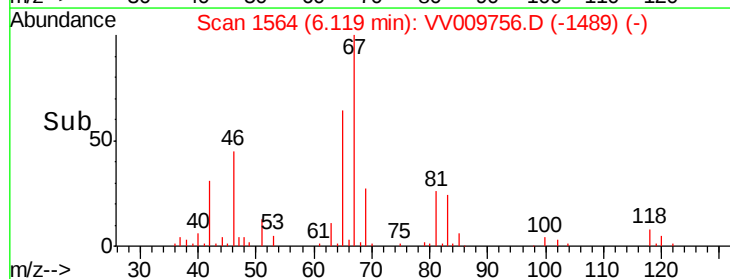
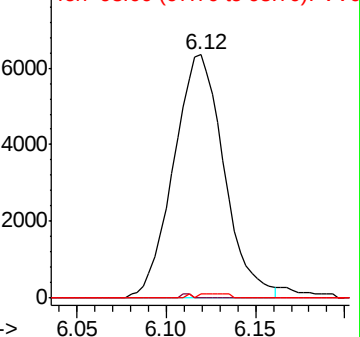
98 0.7 38.4 57.6#

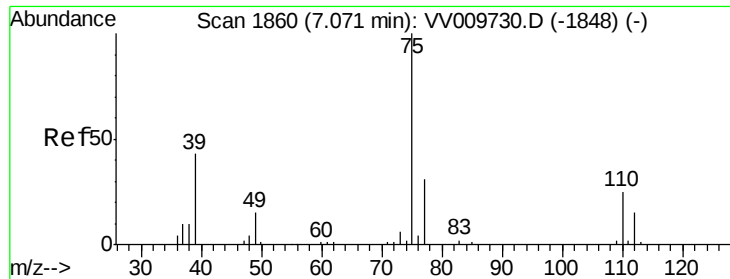


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

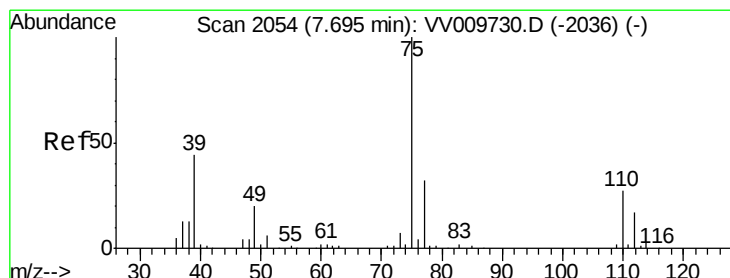
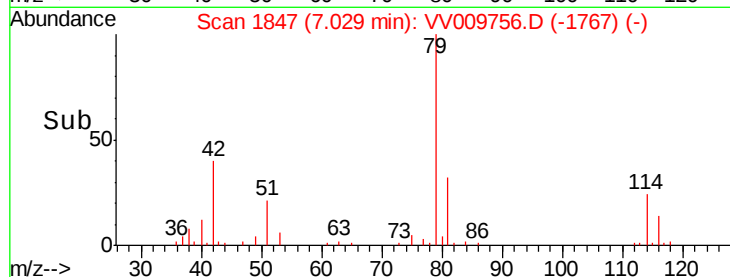
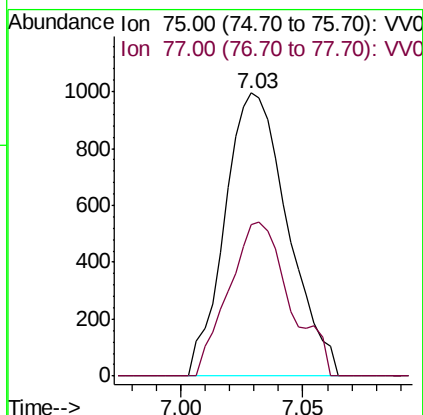
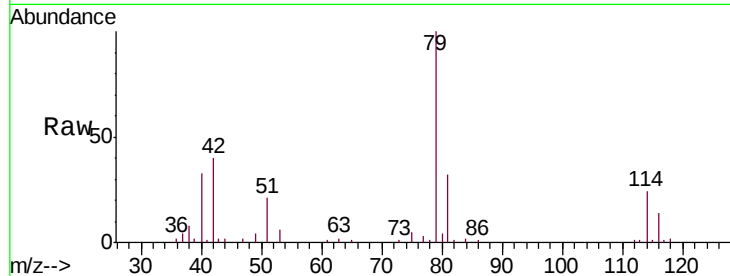




#39
 cis-1,3-Dichloropropene
 Concen: 1.301 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009756.D
 Acq: 18 Mar 2019 14:10

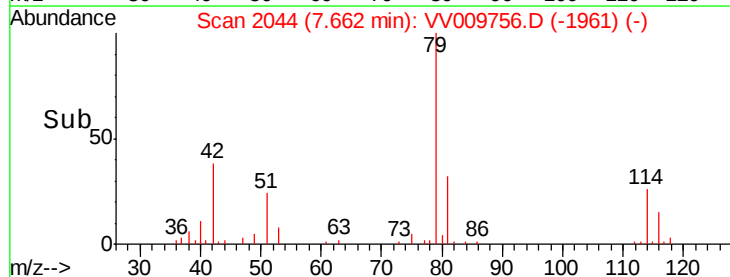
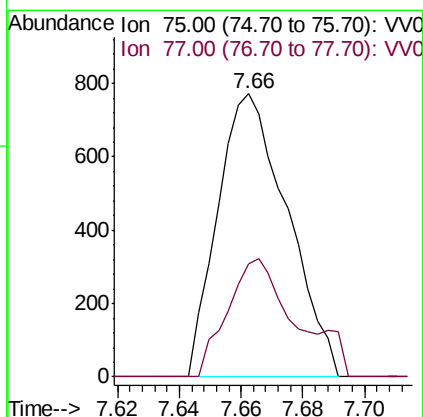
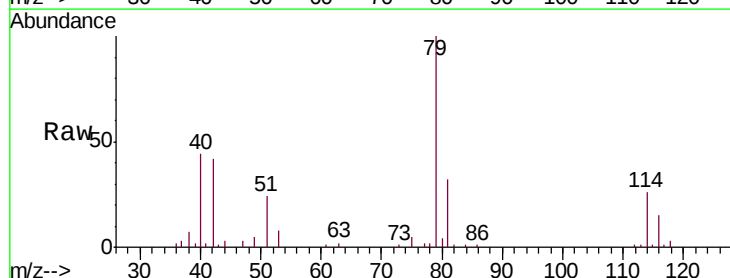
Instrument :
 MSVOA_V
 ClientSampleId :
 C09A0

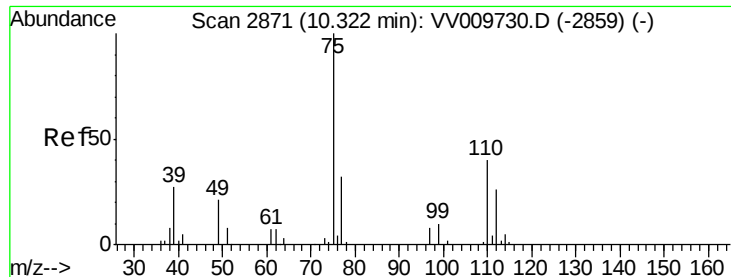
Tgt Ion: 75 Resp: 1778
 Ion Ratio Lower Upper
 75 100
 77 53.4 22.4 41.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.933 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009756.D
 Acq: 18 Mar 2019 14:10

Tgt Ion: 75 Resp: 1208
 Ion Ratio Lower Upper
 75 100
 77 40.2 22.5 41.7





#59
 1,2,3-Trichloropropane
 Concen: 5.213 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV009756.D
 Acq: 18 Mar 2019 14:10

Instrument :
 MSVOA_V
 ClientSampleId :
 C09A0

Tgt Ion: 75 Resp: 6138
 Ion Ratio Lower Upper
 75 100
 77 39.3 26.2 39.4

