

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007771.D
 Acq On : 23 Sep 2018 07:09
 Operator : SY/MD
 Sample : J5013-10
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08M6

Quant Time: Sep 24 05:17:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 05:16:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	173276	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	166459	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87578	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38029	40.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.76%
7) Chloroethane-d5	1.59	69	38413	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.78%
11) 1,1-Dichloroethene-d2	2.14	63	75907	34.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.38%
21) 2-Butanone-d5	3.95	46	56503	90.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.84%
24) Chloroform-d	4.41	84	88582	43.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.86%
26) 1,2-Dichloroethane-d4	5.09	65	61280	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
32) Benzene-d6	5.11	84	179859	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
36) 1,2-Dichloropropane-d6	6.13	67	53559	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.80%
41) Toluene-d8	7.36	98	180182	45.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.14%
43) trans-1,3-Dichloropropene-	7.67	79	21551	37.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.66%
47) 2-Hexanone-d5	8.14	63	42885	86.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.19%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79598	45.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.26%
64) 1,2-Dichlorobenzene-d4	11.68	152	84631	46.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.96%

Target Compounds

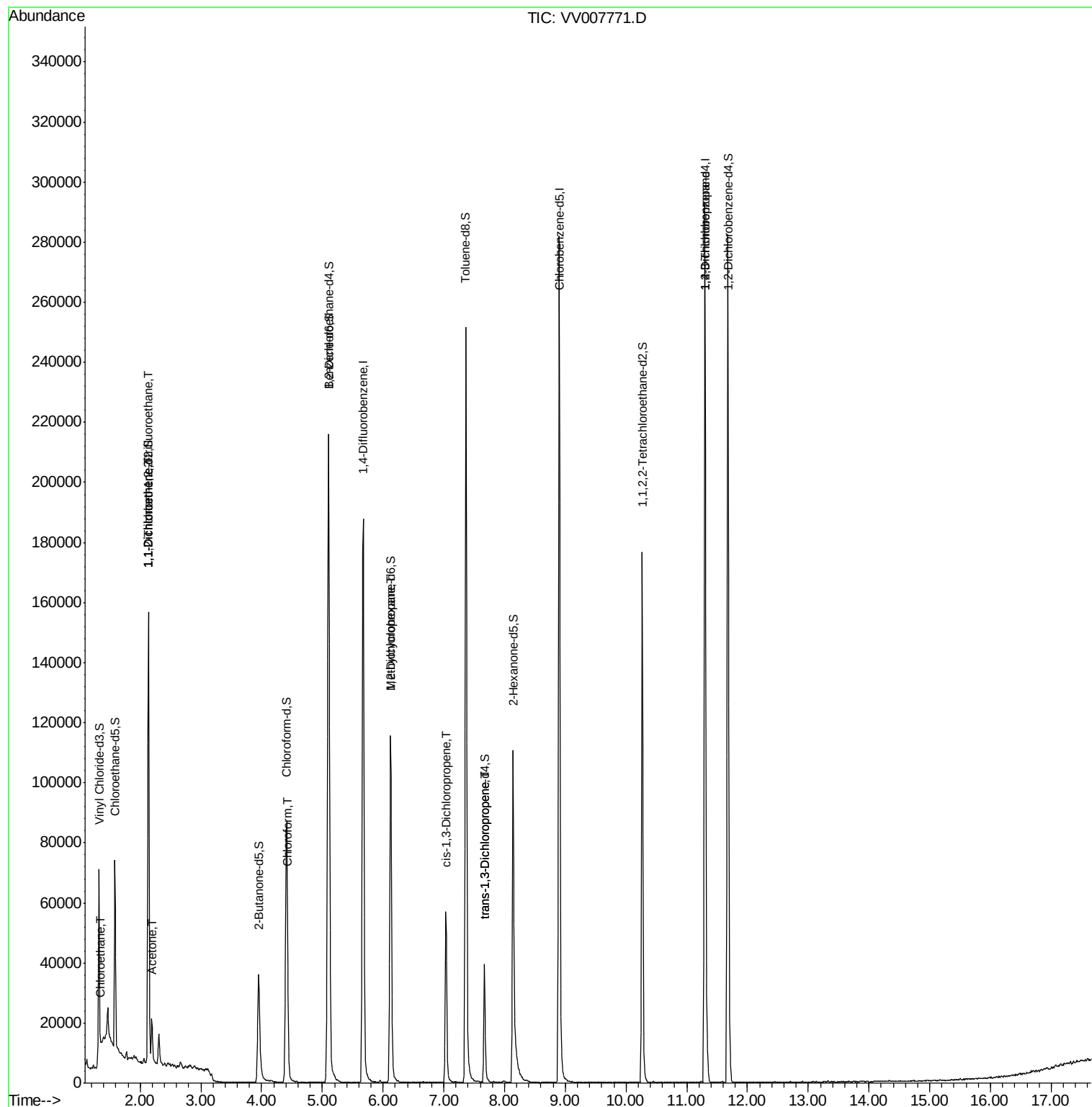
					Qvalue
8) Chloroethane	1.35	64	15451	20.632 ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	756	0.577 ug/L #	14
12) 1,1-Dichloroethene	2.14	96	773	0.673 ug/L #	1
13) Acetone	2.19	43	11622	17.706 ug/L	99
25) Chloroform	4.43	83	4346	2.238 ug/L	94
35) Methylcyclohexane	6.13	83	13402	7.420 ug/L #	22
39) cis-1,3-Dichloropropene	7.04	75	1582	0.980 ug/L #	60
44) trans-1,3-Dichloropropene	7.67	75	1115	0.728 ug/L	91
59) 1,2,3-Trichloropropane	11.30	75	9079	6.395 ug/L	91

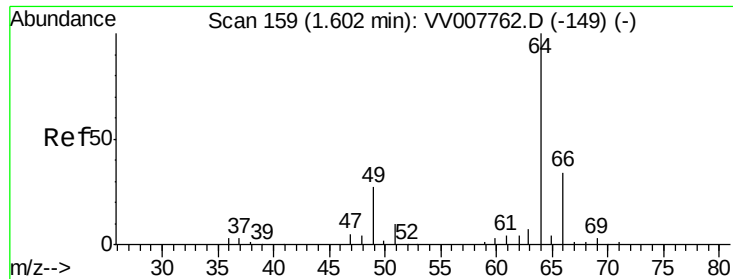
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 05:16:03 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 20.632 ug/L

RT: 1.35 min Scan# 82

Delta R.T. -0.25 min

Lab File: VV007771.D

Acq: 23 Sep 2018 07:09

Instrument :

MSVOA_V

ClientSampleId :

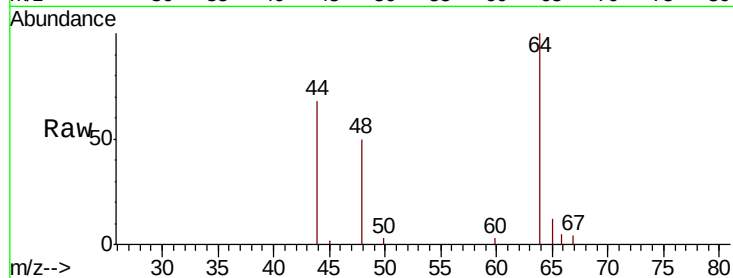
C08M6

Tgt Ion: 64 Resp: 15451

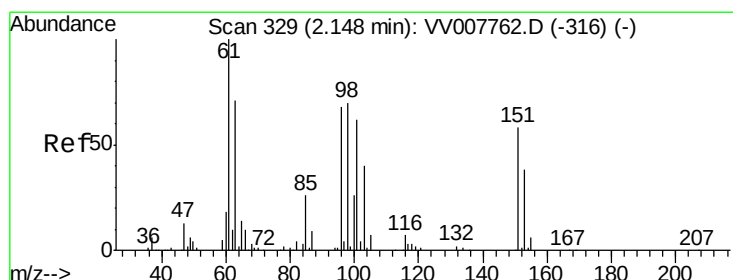
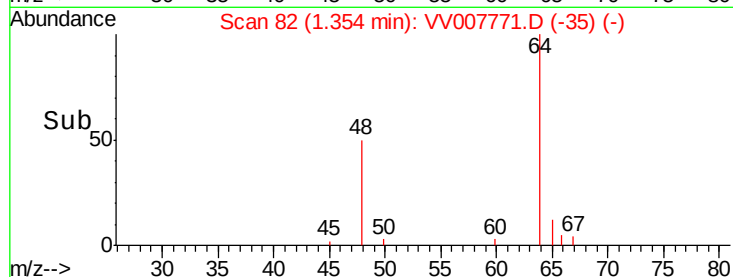
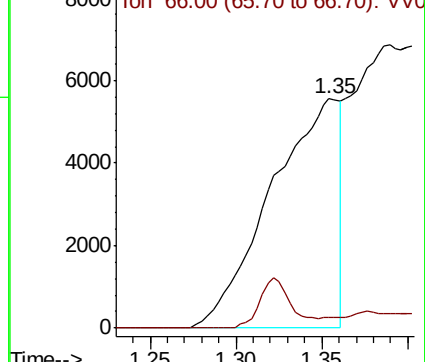
Ion Ratio Lower Upper

64 100

66 4.9 22.3 41.5#



Abundance Ion 64.00 (63.70 to 64.70): VV007771.D (-35) (-)



#10

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

Concen: 0.577 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007771.D

Acq: 23 Sep 2018 07:09

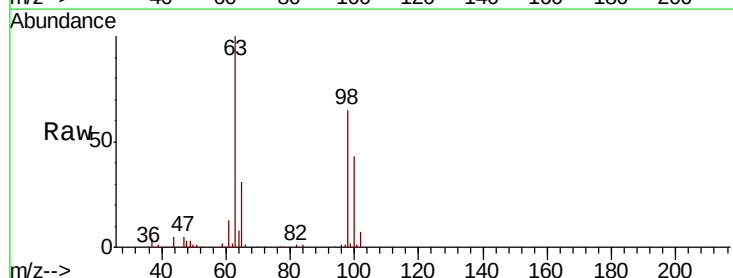
Tgt Ion: 101 Resp: 756

Ion Ratio Lower Upper

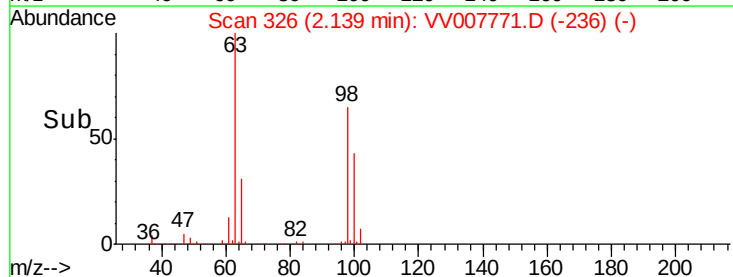
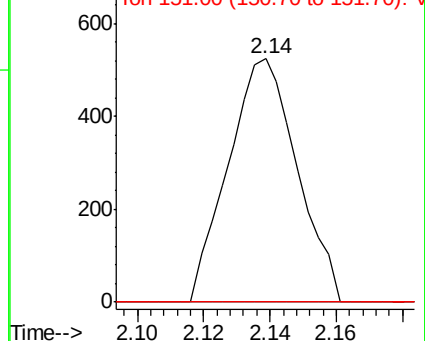
101 100

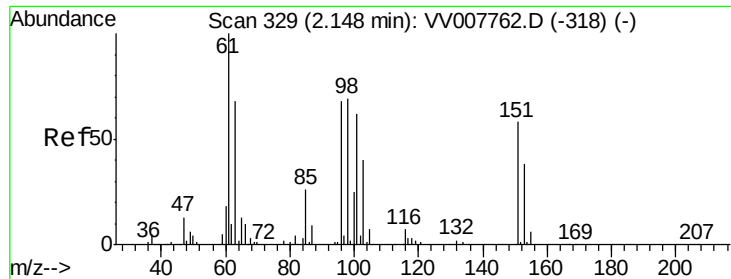
85 0.0 32.7 49.1#

151 0.0 72.2 108.2#



Abundance Ion 101.00 (100.70 to 101.70): VV007771.D (-236) (-)

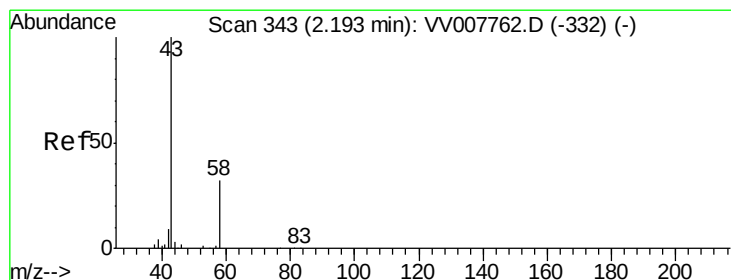
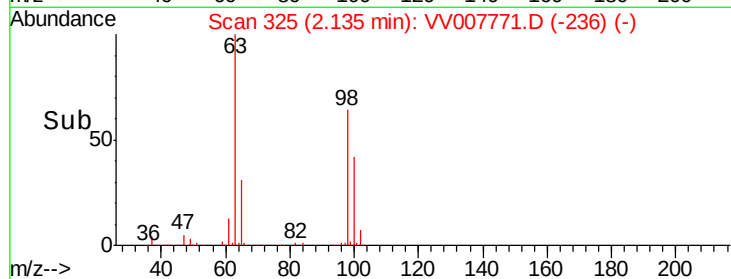
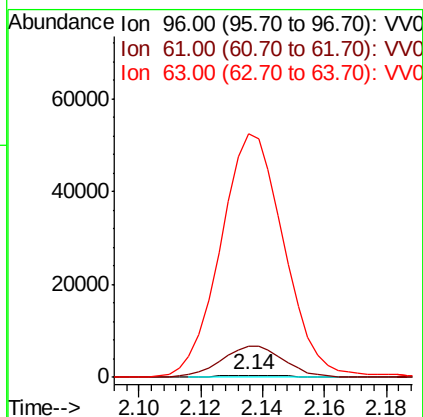
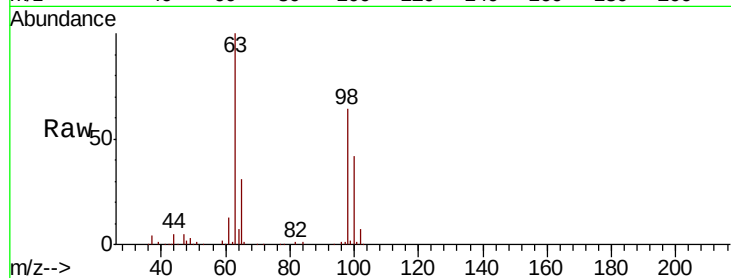




#12
 1,1-Dichloroethene
 Concen: 0.673 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV007771.D
 Acq: 23 Sep 2018 07:09

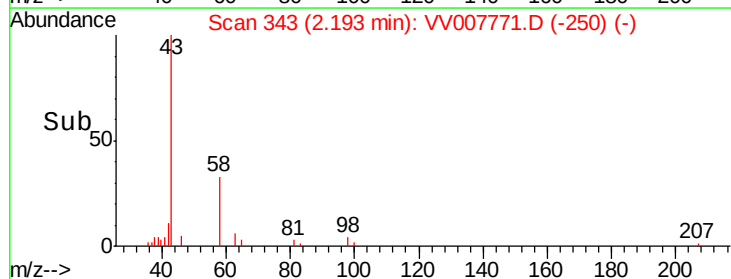
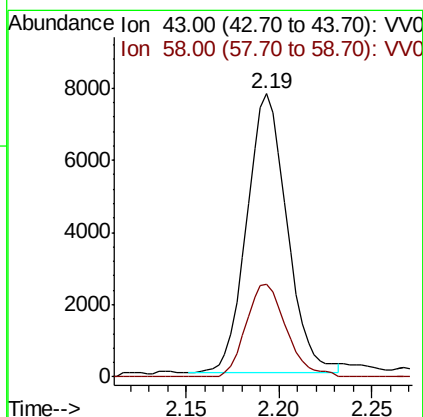
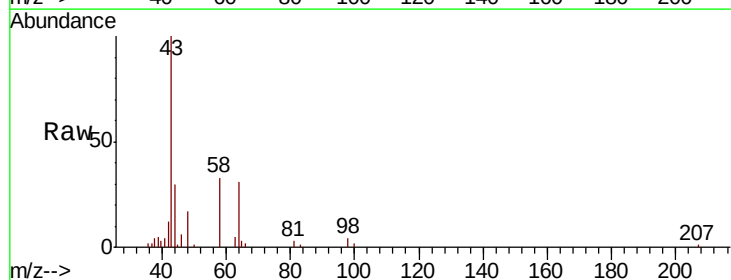
Instrument :
 MSVOA_V
 ClientSampleId :
 C08M6

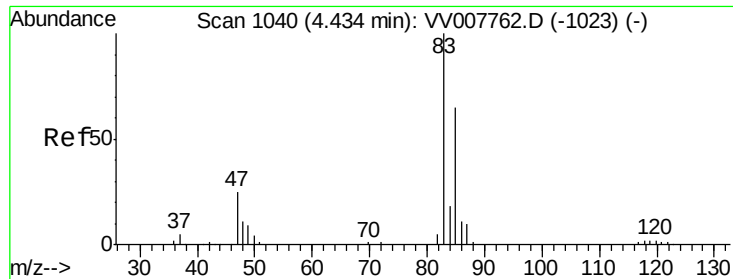
Tgt Ion: 96 Resp: 773
 Ion Ratio Lower Upper
 96 100
 61 1373.4 107.3 199.3#
 63 10723.9 78.8 146.4#



#13
 Acetone
 Concen: 17.706 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VV007771.D
 Acq: 23 Sep 2018 07:09

Tgt Ion: 43 Resp: 11622
 Ion Ratio Lower Upper
 43 100
 58 33.2 0.0 65.2





#25

Chloroform

Concen: 2.238 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV007771.D

Acq: 23 Sep 2018 07:09

Instrument :

MSVOA_V

ClientSampleId :

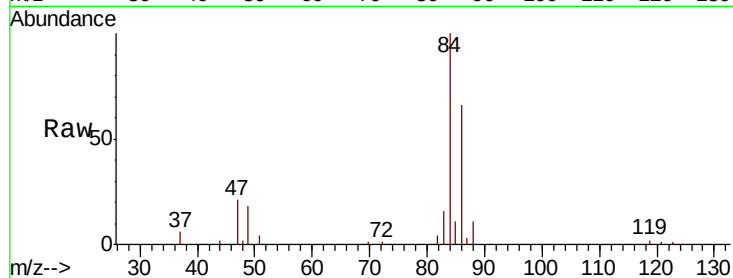
C08M6

Tgt Ion: 83 Resp: 4346

Ion Ratio Lower Upper

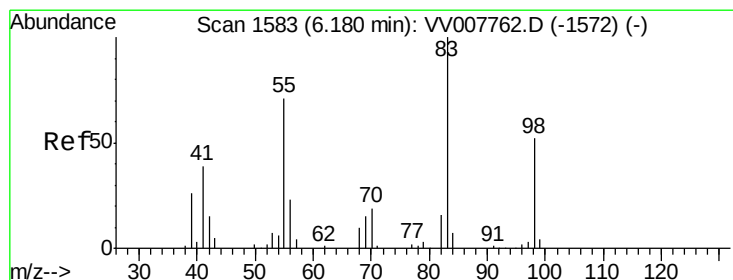
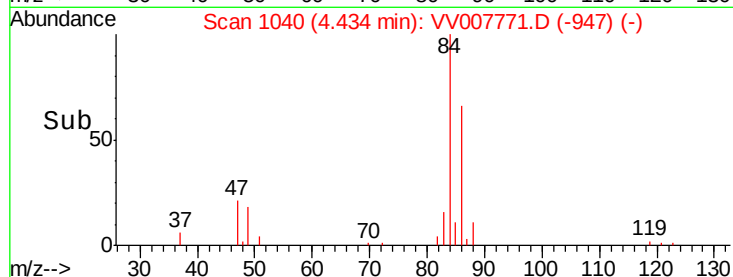
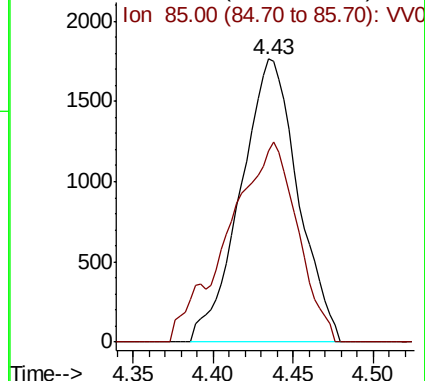
83 100

85 67.4 44.0 81.8



Abundance Ion 83.00 (82.70 to 83.70): VV007762.D (-1023) (-)

Ion 85.00 (84.70 to 85.70): VV007762.D (-1023) (-)



#35

Methylcyclohexane

Concen: 7.420 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007771.D

Acq: 23 Sep 2018 07:09

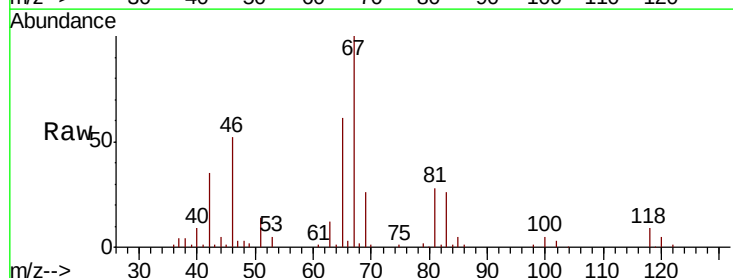
Tgt Ion: 83 Resp: 13402

Ion Ratio Lower Upper

83 100

55 0.0 54.6 82.0#

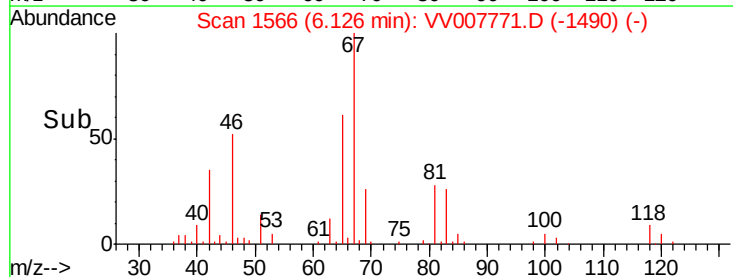
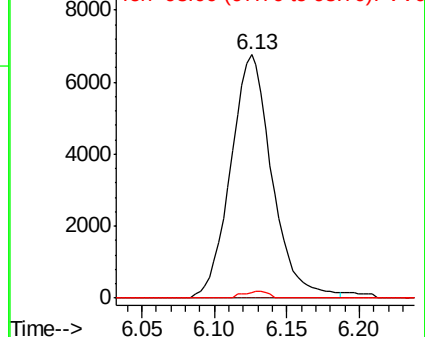
98 1.3 39.0 58.6#

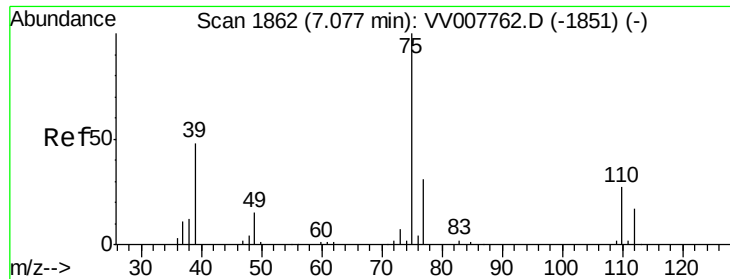


Abundance Ion 83.00 (82.70 to 83.70): VV007762.D (-1572) (-)

Ion 55.00 (54.70 to 55.70): VV007762.D (-1572) (-)

Ion 98.00 (97.70 to 98.70): VV007762.D (-1572) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.980 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007771.D

Acq: 23 Sep 2018 07:09

Instrument :

MSVOA_V

ClientSampleId :

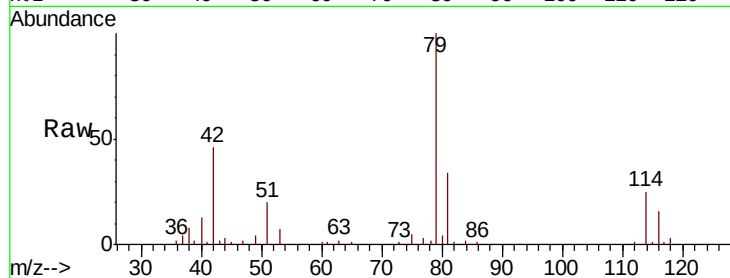
C08M6

Tgt Ion: 75 Resp: 1582

Ion Ratio Lower Upper

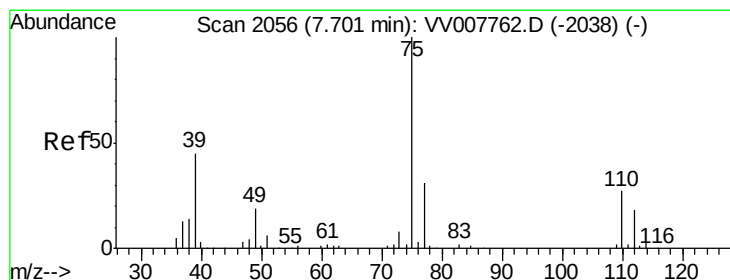
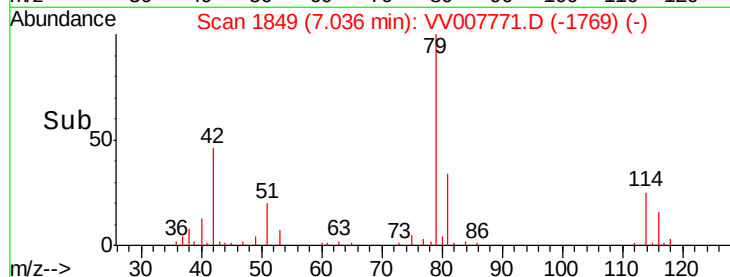
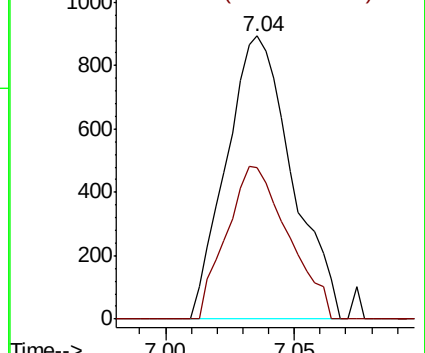
75 100

77 53.6 22.0 40.8#



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: 0.728 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007771.D

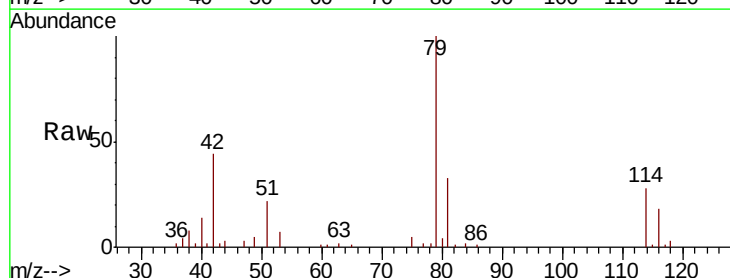
Acq: 23 Sep 2018 07:09

Tgt Ion: 75 Resp: 1115

Ion Ratio Lower Upper

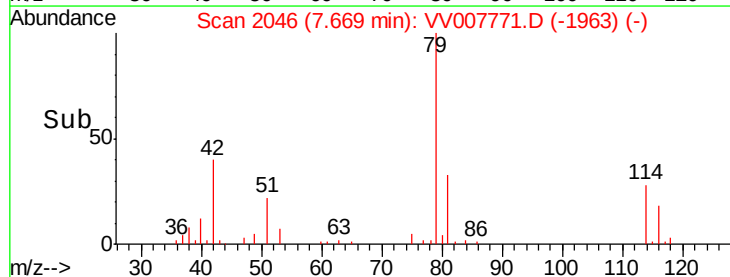
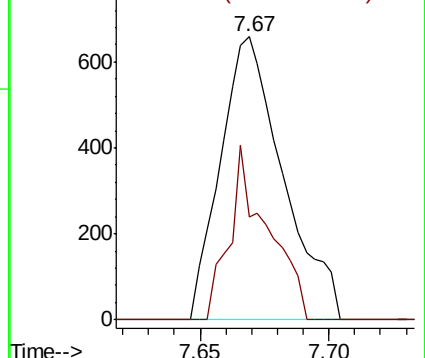
75 100

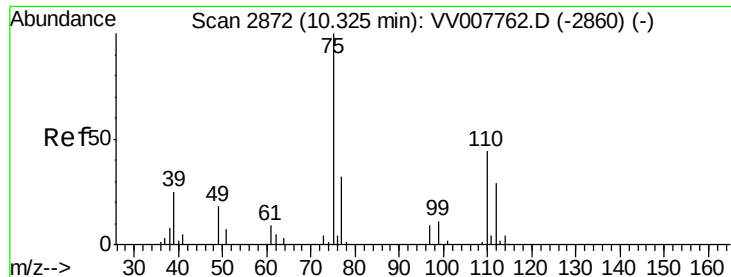
77 36.3 22.0 40.8



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: 6.395 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.97 min

Lab File: VV007771.D

Acq: 23 Sep 2018 07:09

Instrument :

MSVOA_V

ClientSampleId :

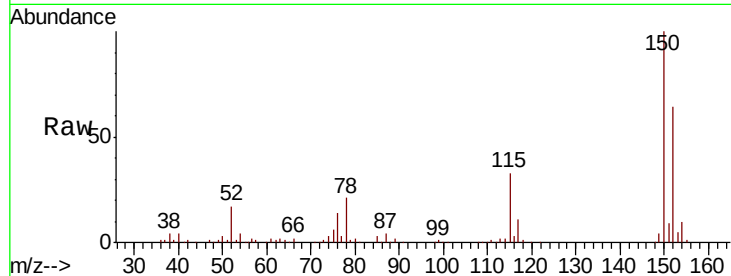
C08M6

Tgt Ion: 75 Resp: 9079

Ion Ratio Lower Upper

75 100

77 37.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

