

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007746.D
 Acq On : 22 Sep 2018 20:23
 Operator : SY/MD
 Sample : J5012-08
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08M1

Quant Time: Sep 24 02:36:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 02:35:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	188424	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178878	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92478	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40209	39.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.52%
7) Chloroethane-d5	1.59	69	38721	41.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.22%
11) 1,1-Dichloroethene-d2	2.14	63	75579	31.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.60%
21) 2-Butanone-d5	3.95	46	56234	83.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.14%
24) Chloroform-d	4.41	84	88481	40.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.72%
26) 1,2-Dichloroethane-d4	5.09	65	60062	42.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.90%
32) Benzene-d6	5.11	84	177168	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.18%
36) 1,2-Dichloropropane-d6	6.13	67	52444	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.38%
41) Toluene-d8	7.36	98	181267	42.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.38%
43) trans-1,3-Dichloropropene-	7.67	79	21852	35.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.40%
47) 2-Hexanone-d5	8.14	63	44902	83.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78034	41.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.34%
64) 1,2-Dichlorobenzene-d4	11.68	152	83199	43.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.48%

Target Compounds

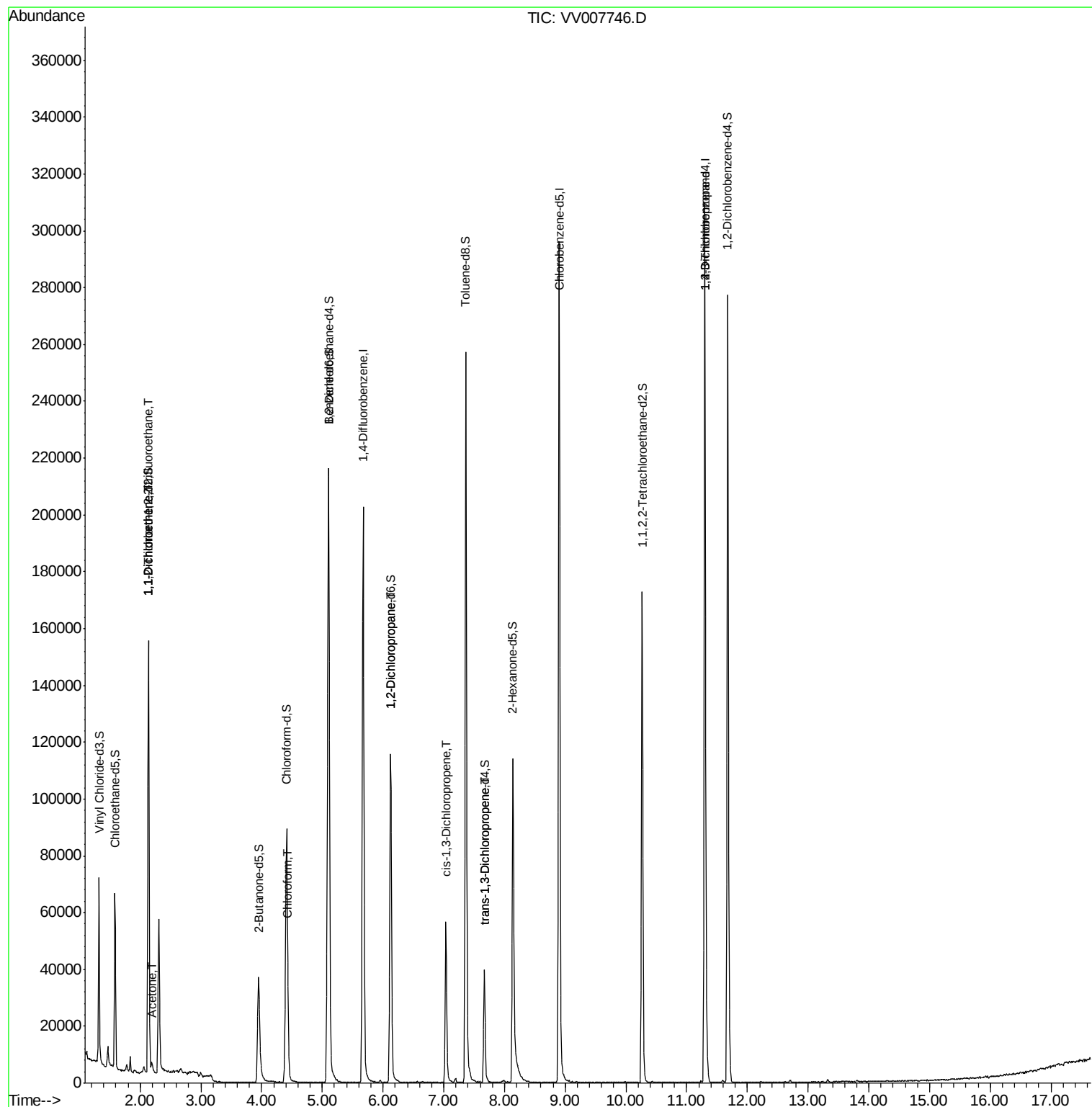
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	836	0.587 ug/L #	14
12) 1,1-Dichloroethene	2.14	96	704	0.563 ug/L #	1
13) Acetone	2.19	43	1493	2.092 ug/L	92
25) Chloroform	4.44	83	6045	2.863 ug/L	94
37) 1,2-Dichloropropane	6.13	63	6346	5.883 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1587	0.915 ug/L	95
44) trans-1,3-Dichloropropene	7.67	75	1244	0.756 ug/L #	72
59) 1,2,3-Trichloropropane	11.30	75	9323	6.111 ug/L	89

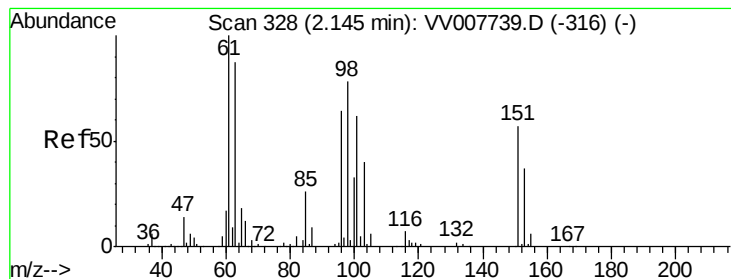
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.587 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007746.D

Acq: 22 Sep 2018 20:23

Instrument :

MSVOA_V

ClientSampled :

C08M1

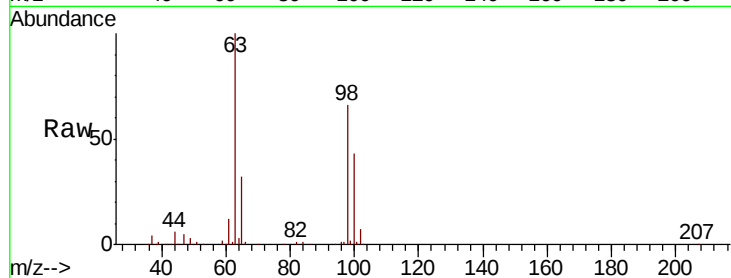
Tgt Ion: 101 Resp: 836

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

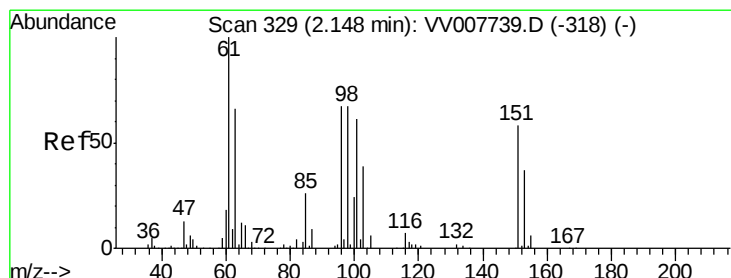
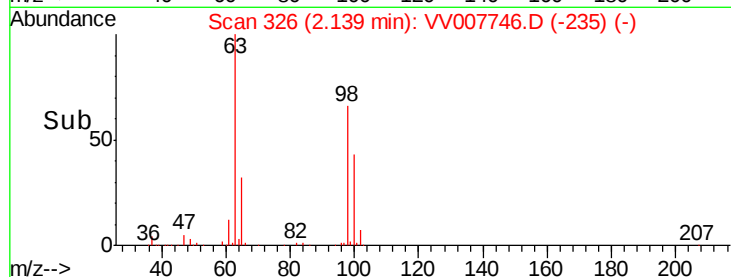
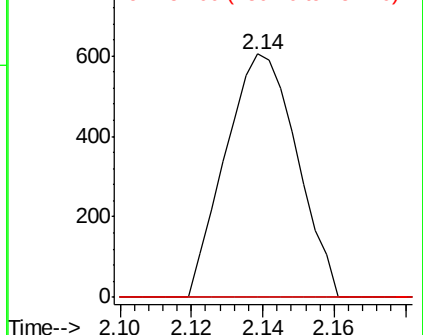
151 0.0 72.2 108.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.563 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007746.D

Acq: 22 Sep 2018 20:23

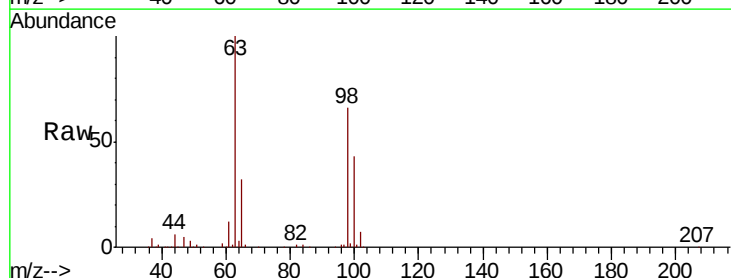
Tgt Ion: 96 Resp: 704

Ion Ratio Lower Upper

96 100

61 1265.3 107.3 199.3#

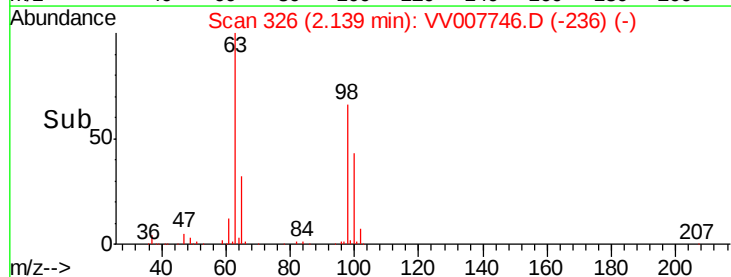
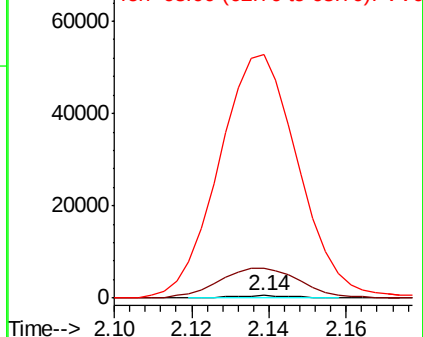
63 10221.7 78.8 146.4#

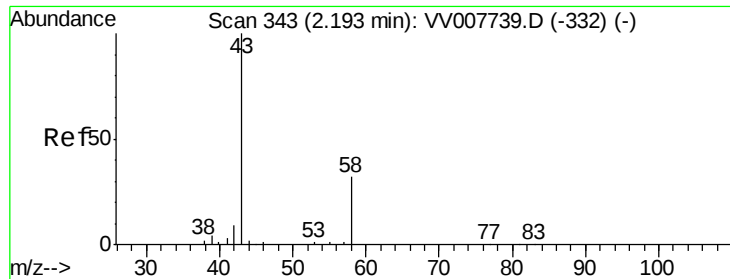


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.092 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007746.D

Acq: 22 Sep 2018 20:23

Instrument :

MSVOA_V

ClientSampleId :

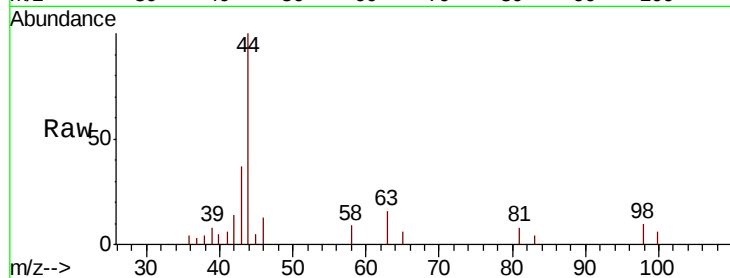
C08M1

Tgt Ion: 43 Resp: 1493

Ion Ratio Lower Upper

43 100

58 28.3 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV007739.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV007739.D (-332) (-)

2.19

1200

1000

800

600

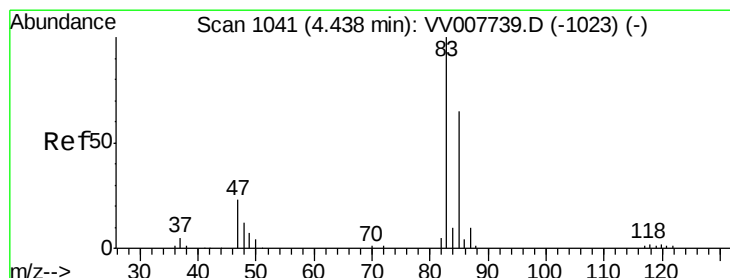
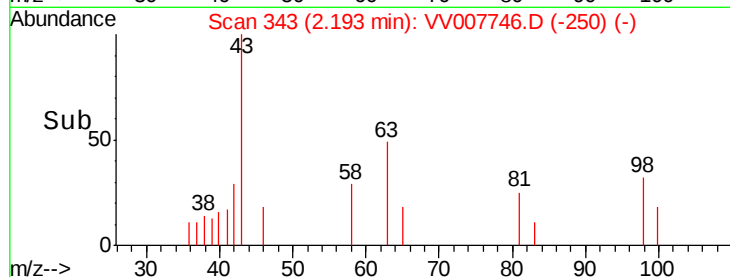
400

200

0

Time-->

2.15 2.20 2.25



#25

Chloroform

Concen: 2.863 ug/L

RT: 4.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VV007746.D

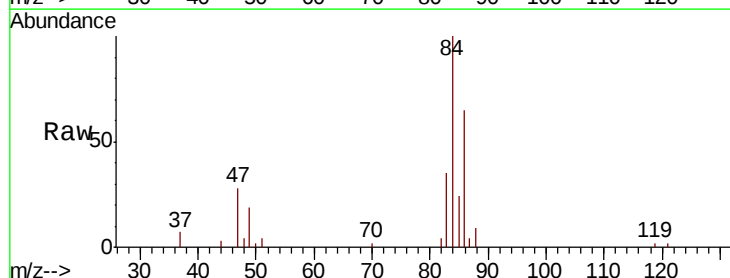
Acq: 22 Sep 2018 20:23

Tgt Ion: 83 Resp: 6045

Ion Ratio Lower Upper

83 100

85 67.5 44.0 81.8



Abundance Ion 83.00 (82.70 to 83.70): VV007739.D (-1023) (-)

Ion 85.00 (84.70 to 85.70): VV007739.D (-1023) (-)

4.44

2500

2000

1500

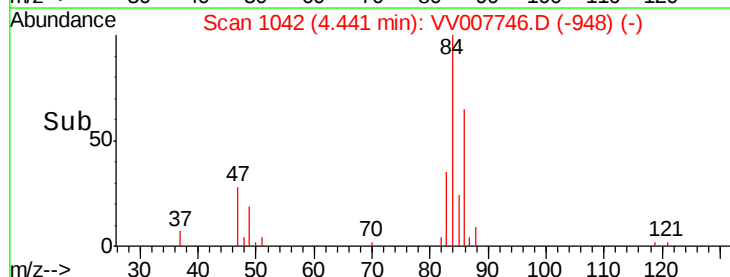
1000

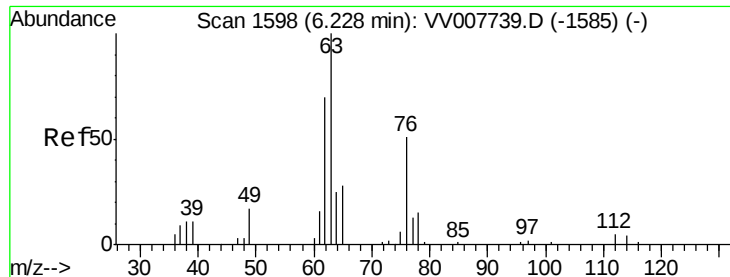
500

0

Time-->

4.35 4.40 4.45 4.50

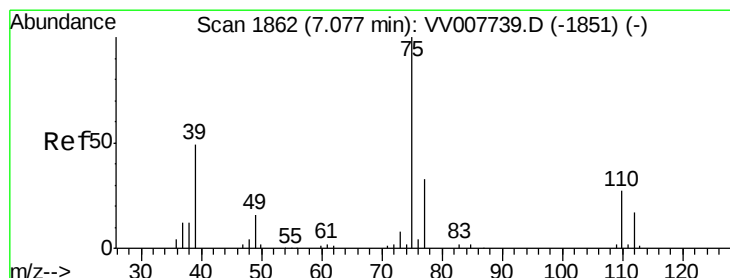
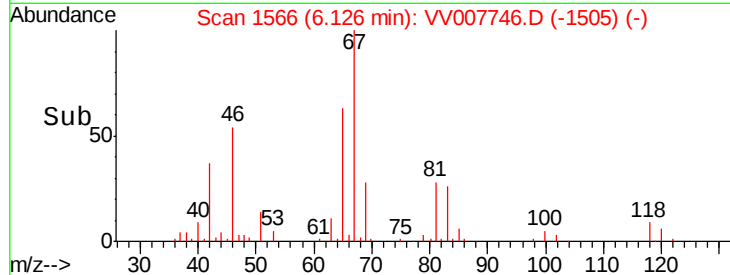
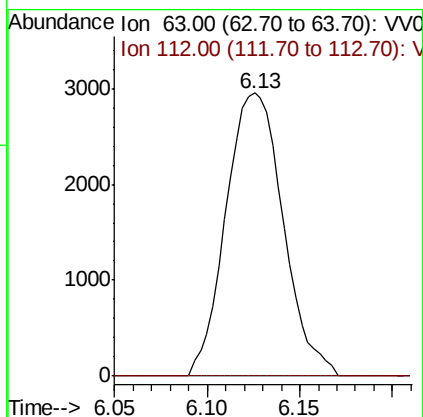
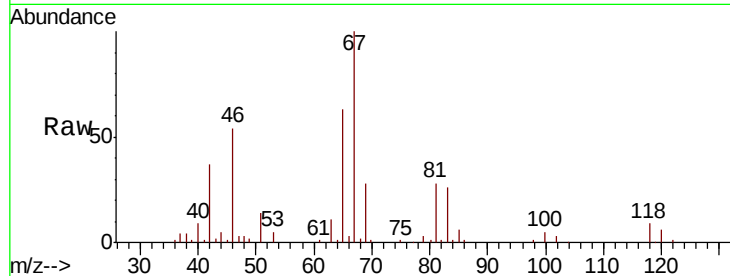




#37
 1,2-Dichloropropane
 Concen: 5.883 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV007746.D
 Acq: 22 Sep 2018 20:23

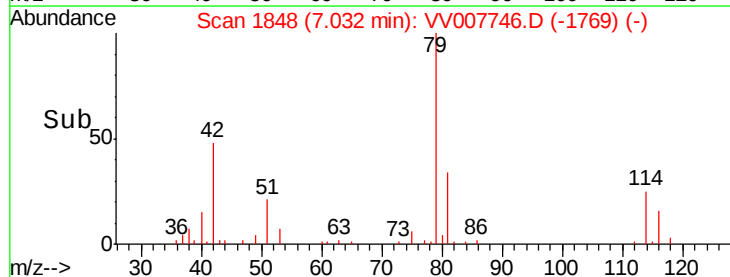
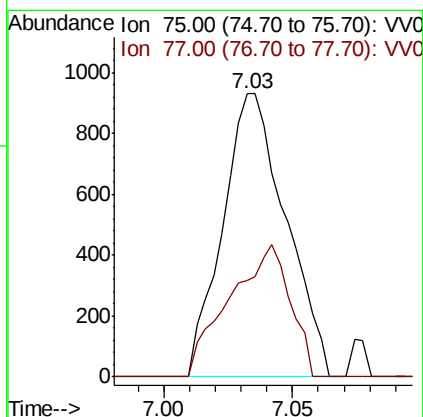
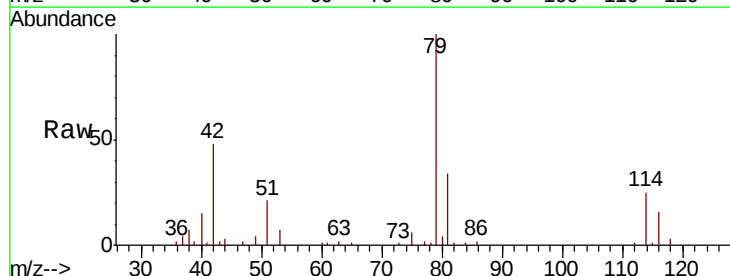
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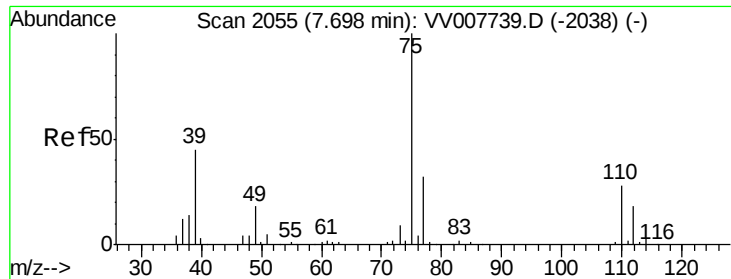
Tgt Ion: 63 Resp: 6346
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.915 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.05 min
 Lab File: VV007746.D
 Acq: 22 Sep 2018 20:23

Tgt Ion: 75 Resp: 1587
 Ion Ratio Lower Upper
 75 100
 77 34.3 22.0 40.8





#44

trans-1,3-Dichloropropene

Concen: 0.756 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV007746.D

Acq: 22 Sep 2018 20:23

Instrument :

MSVOA_V

ClientSampleId :

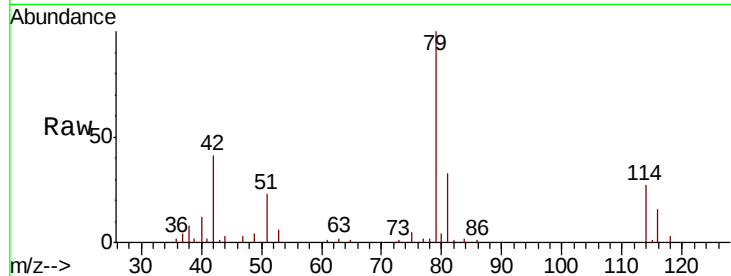
C08M1

Tgt Ion: 75 Resp: 1244

Ion Ratio Lower Upper

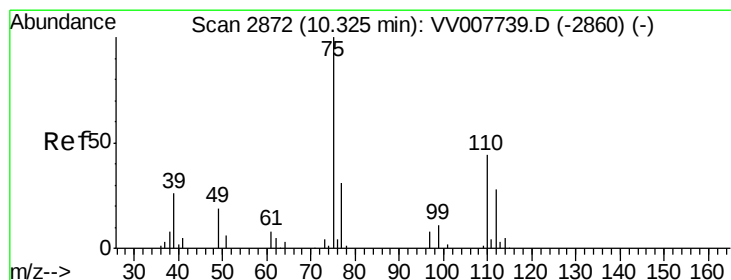
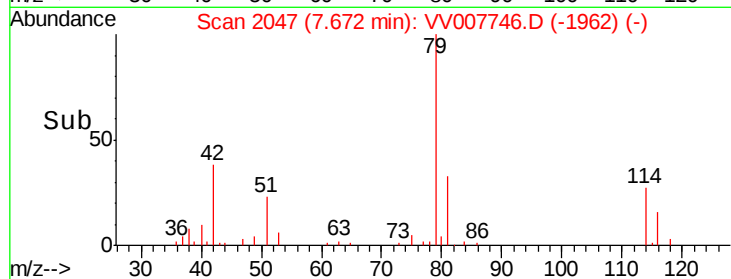
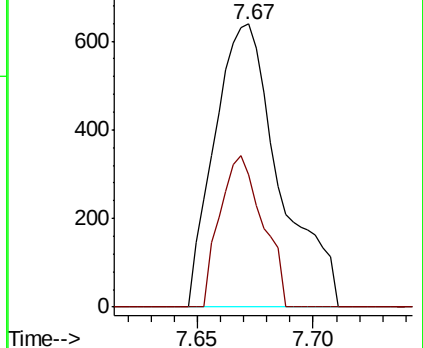
75 100

77 46.9 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: 6.111 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.97 min

Lab File: VV007746.D

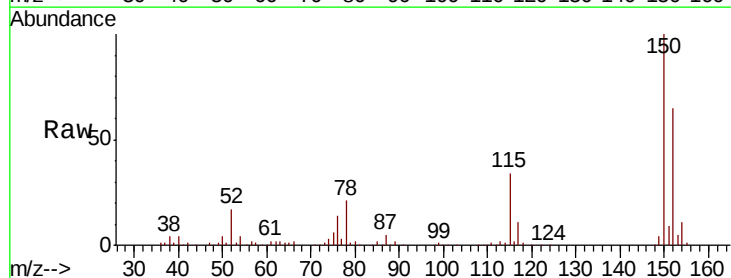
Acq: 22 Sep 2018 20:23

Tgt Ion: 75 Resp: 9323

Ion Ratio Lower Upper

75 100

77 38.4 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

