

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007775.D
 Acq On : 23 Sep 2018 08:48
 Operator : SY/MD
 Sample : J5013-16
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08S3

Quant Time: Sep 24 05:18:04 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	180793	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	173444	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90672	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36485	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.26%
7) Chloroethane-d5	1.59	69	38628	43.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.52%
11) 1,1-Dichloroethene-d2	2.14	63	73837	31.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.74%
21) 2-Butanone-d5	3.95	46	46243	71.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.26%
24) Chloroform-d	4.41	84	83662	39.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.54%
26) 1,2-Dichloroethane-d4	5.09	65	60134	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
32) Benzene-d6	5.11	84	178077	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.34%
36) 1,2-Dichloropropane-d6	6.13	67	53753	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.32%
41) Toluene-d8	7.36	98	180700	43.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.74%
43) trans-1,3-Dichloropropene-	7.67	79	21819	36.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.52%
47) 2-Hexanone-d5	8.14	63	41840	80.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.70%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78423	42.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.34%
64) 1,2-Dichlorobenzene-d4	11.68	152	84892	45.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%

Target Compounds

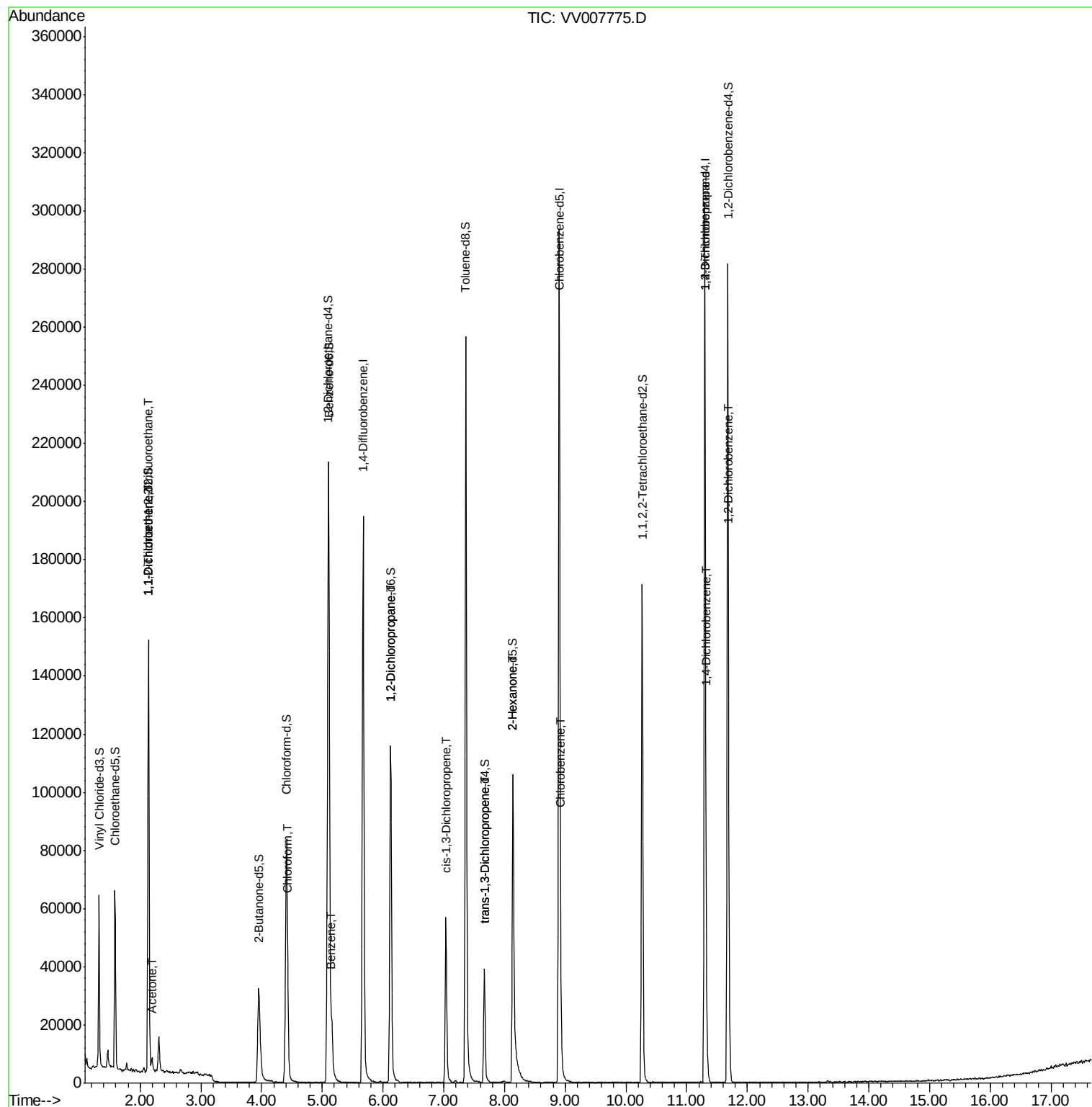
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	770	0.563	ug/L #	14
12) 1,1-Dichloroethene	2.14	96	765	0.638	ug/L #	1
13) Acetone	2.20	43	2684	3.919	ug/L	97
25) Chloroform	4.44	83	5246	2.589	ug/L	99
33) Benzene	5.15	78	15984	3.847	ug/L	100
37) 1,2-Dichloropropane	6.13	63	6714	6.419	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1591	0.946	ug/L #	60
44) trans-1,3-Dichloropropene	7.67	75	1093	0.685	ug/L	97
48) 2-Hexanone	8.14	43	4874	4.574	ug/L #	69
51) Chlorobenzene	8.93	112	9107	2.567	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	9184	6.209	ug/L #	88
63) 1,4-Dichlorobenzene	11.32	146	1552	0.520	ug/L #	88
65) 1,2-Dichlorobenzene	11.70	146	1233	0.424	ug/L #	88

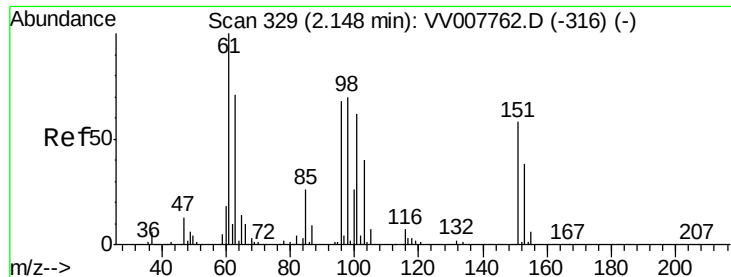
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.563 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007775.D

Acq: 23 Sep 2018 08:48

Instrument :

MSVOA_V

ClientSampleId :

C08S3

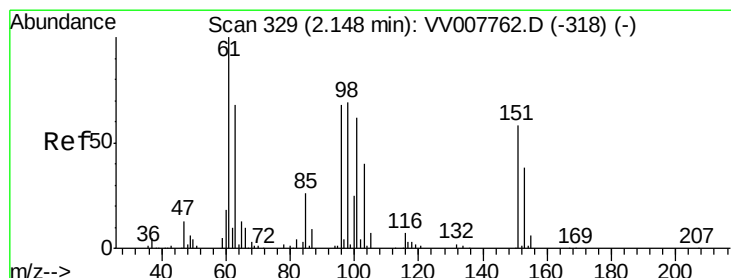
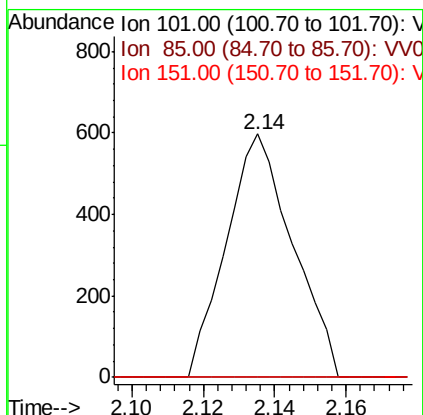
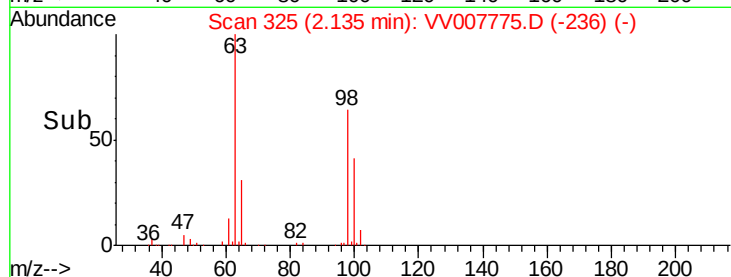
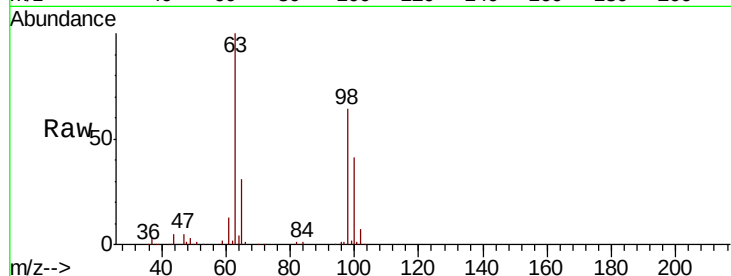
Tgt Ion: 101 Resp: 770

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

151 0.0 72.2 108.2#



#12

1,1-Dichloroethene

Concen: 0.638 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007775.D

Acq: 23 Sep 2018 08:48

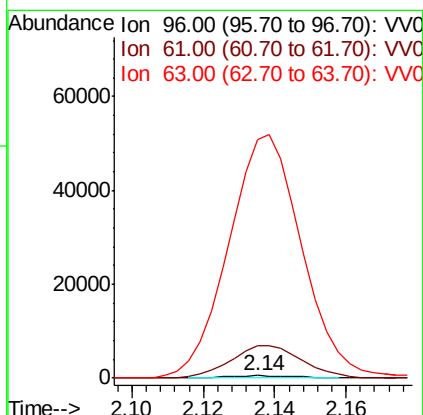
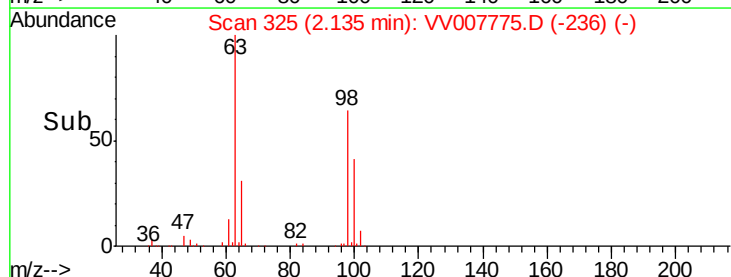
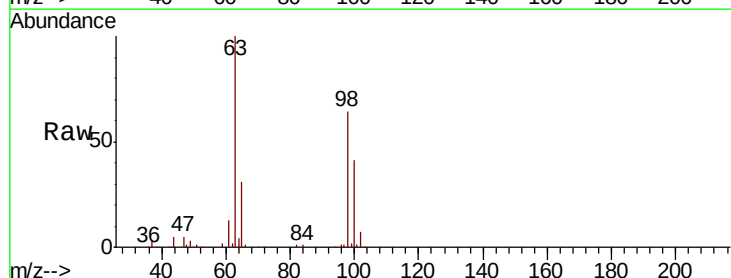
Tgt Ion: 96 Resp: 765

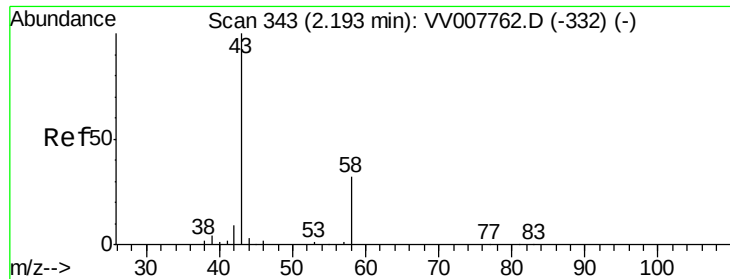
Ion Ratio Lower Upper

96 100

61 1324.4 107.3 199.3#

63 9888.5 78.8 146.4#





#13

Acetone

Concen: 3.919 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV007775.D

Acq: 23 Sep 2018 08:48

Instrument :

MSVOA_V

ClientSampleId :

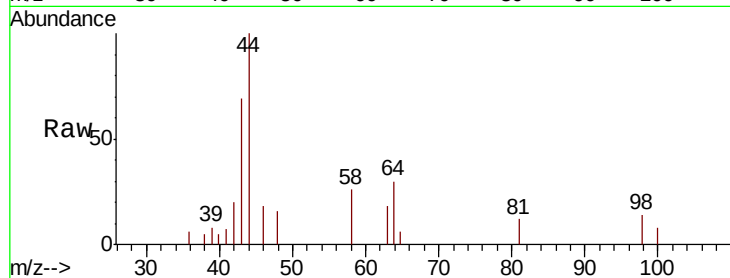
C08S3

Tgt Ion: 43 Resp: 2684

Ion Ratio Lower Upper

43 100

58 34.4 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV007762.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV007762.D (-332) (-)

2.20

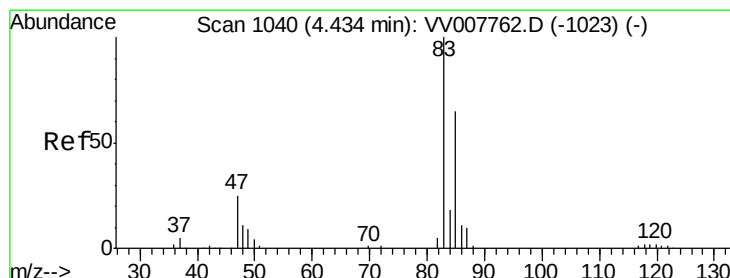
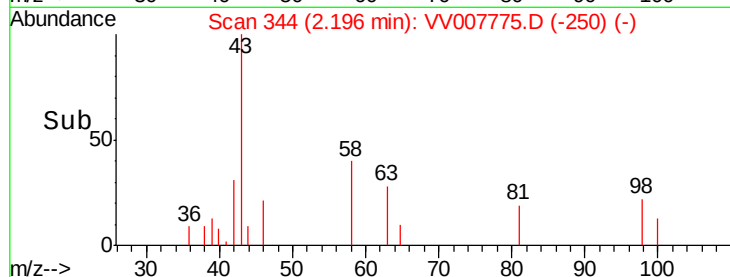
1500

1000

500

0

Time-->



#25

Chloroform

Concen: 2.589 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VV007775.D

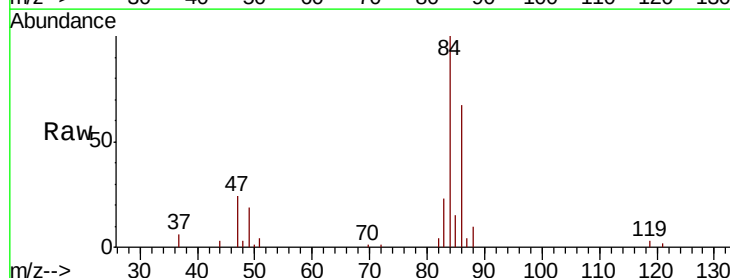
Acq: 23 Sep 2018 08:48

Tgt Ion: 83 Resp: 5246

Ion Ratio Lower Upper

83 100

85 63.3 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) (-)

4.44

2500

2000

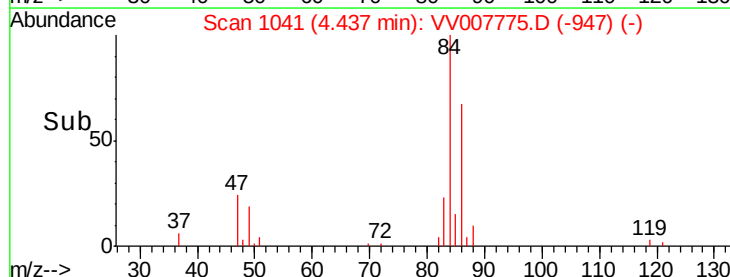
1500

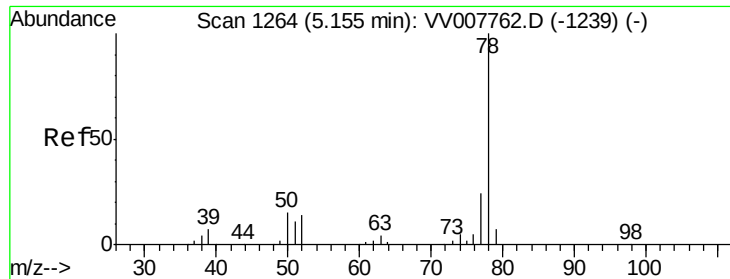
1000

500

0

Time-->





#33

Benzene

Concen: 3.847 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VV007775.D

Acq: 23 Sep 2018 08:48

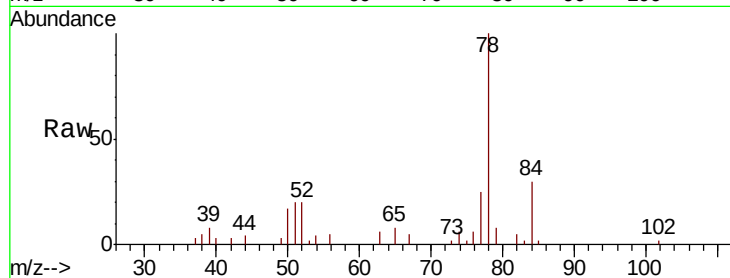
Instrument :

MSVOA_V

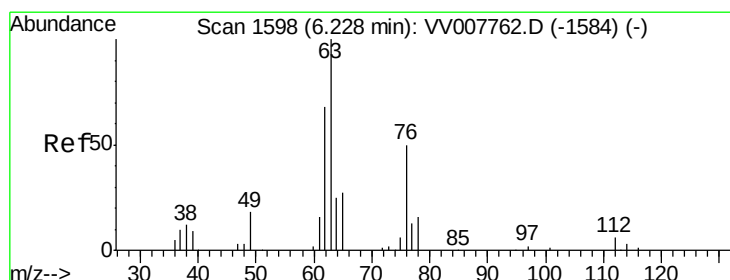
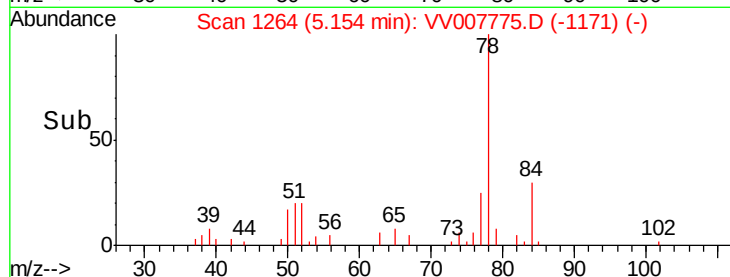
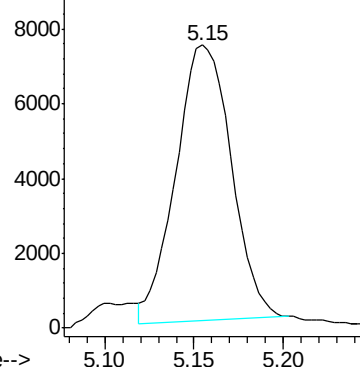
ClientSampleId :

C08S3

Tgt Ion: 78 Resp: 15984



Abundance Ion 78.00 (77.70 to 78.70): VV0



#37

1,2-Dichloropropane

Concen: 6.419 ug/L

RT: 6.13 min Scan# 1567

Delta R.T. -0.10 min

Lab File: VV007775.D

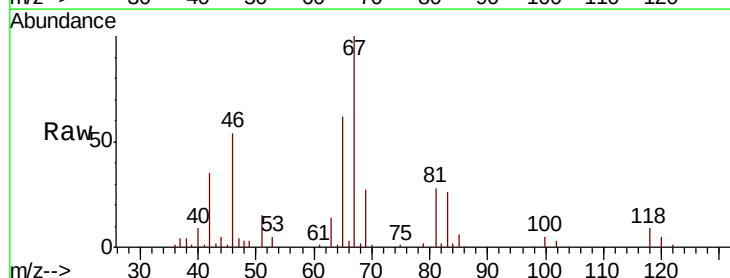
Acq: 23 Sep 2018 08:48

Tgt Ion: 63 Resp: 6714

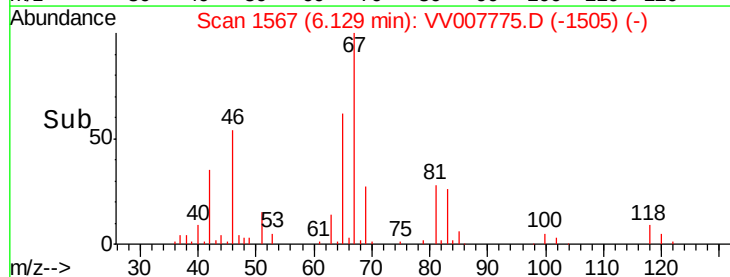
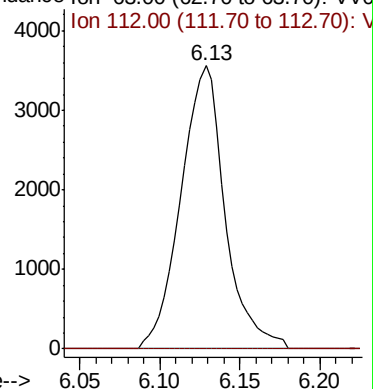
Ion Ratio Lower Upper

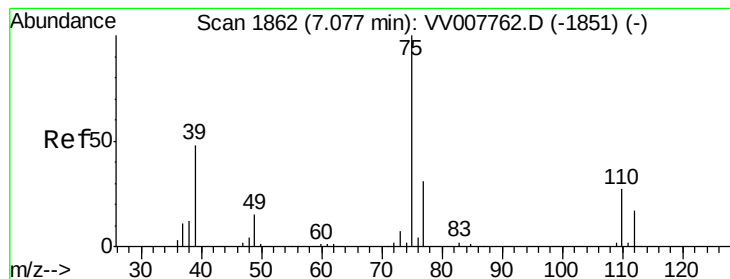
63 100

112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0





#39

cis-1,3-Dichloropropene

Concen: 0.946 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007775.D

Acq: 23 Sep 2018 08:48

Instrument :

MSVOA_V

ClientSampled :

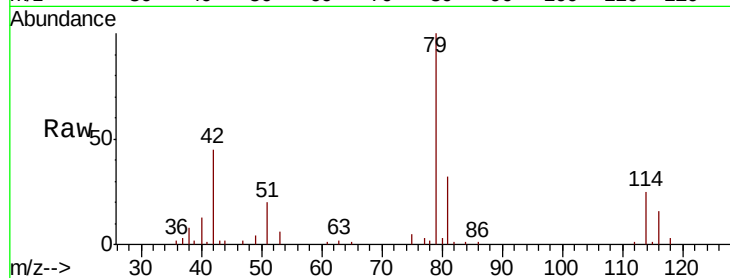
C08S3

Tgt Ion: 75 Resp: 1591

Ion Ratio Lower Upper

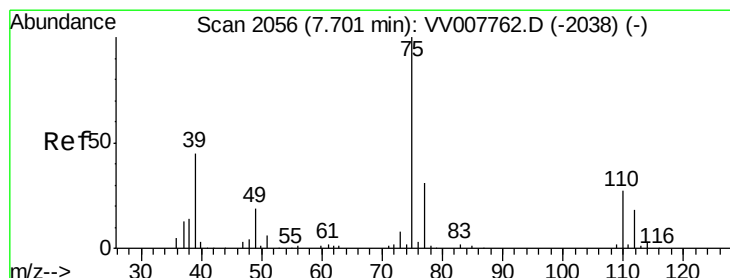
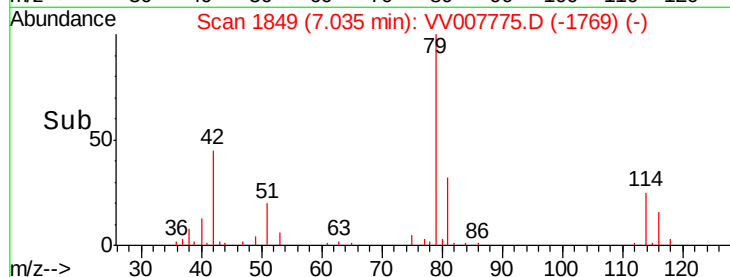
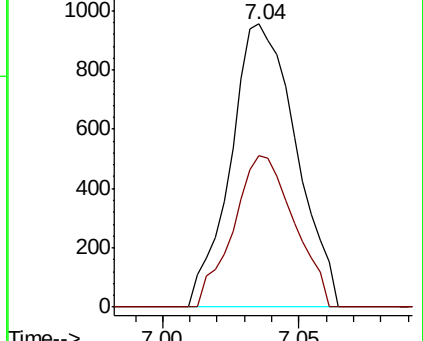
75 100

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: 0.685 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV007775.D

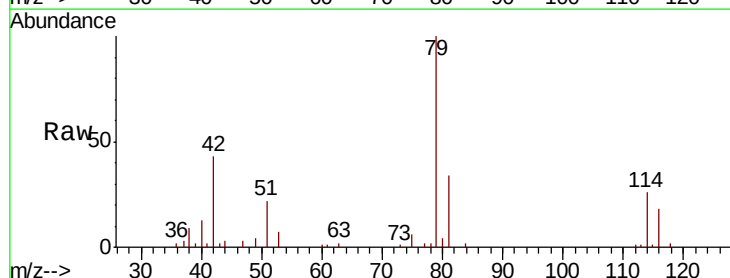
Acq: 23 Sep 2018 08:48

Tgt Ion: 75 Resp: 1093

Ion Ratio Lower Upper

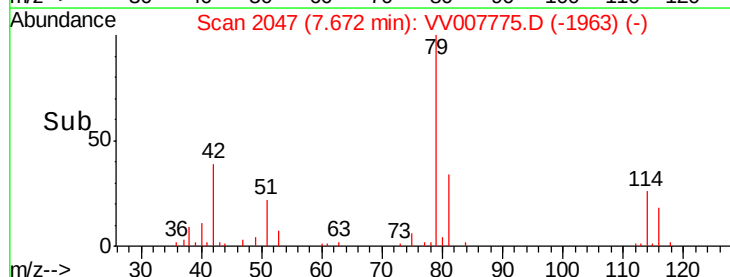
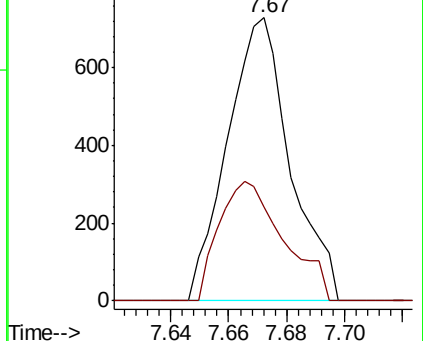
75 100

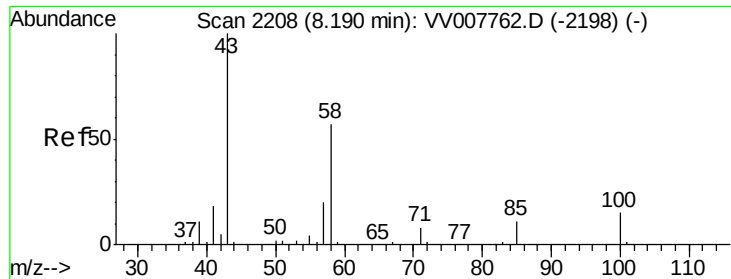
77 33.2 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

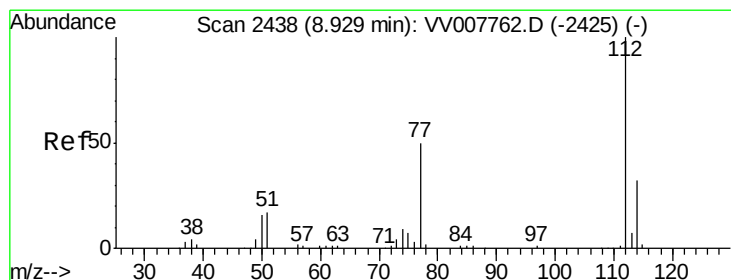
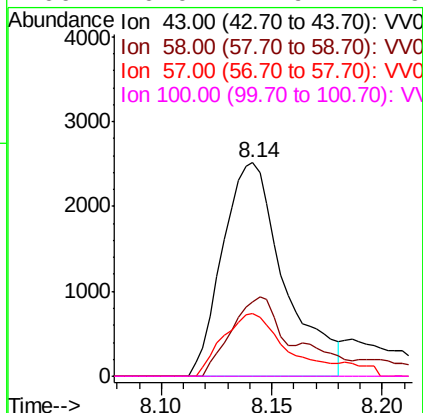
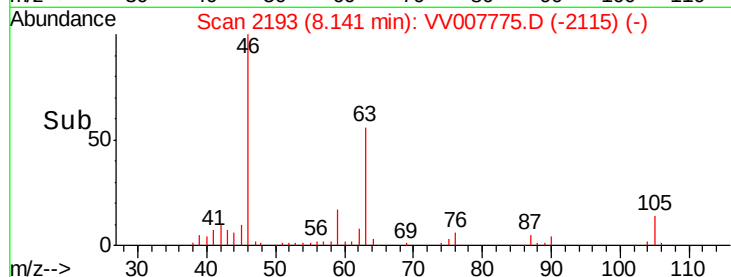
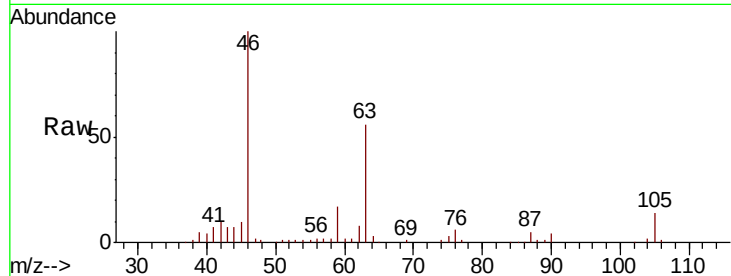




#48
 2-Hexanone
 Concen: 4.574 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV007775.D
 Acq: 23 Sep 2018 08:48

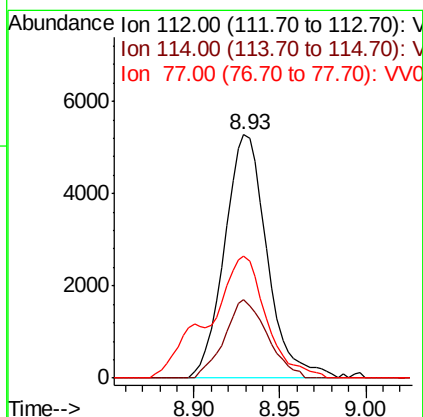
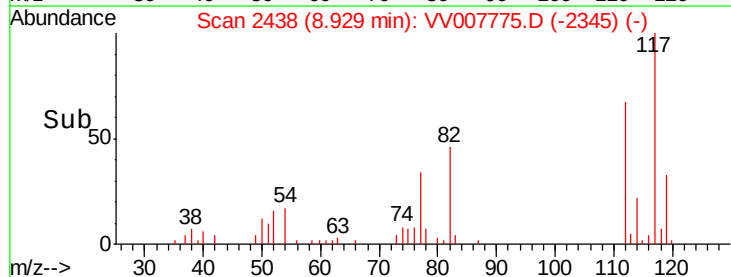
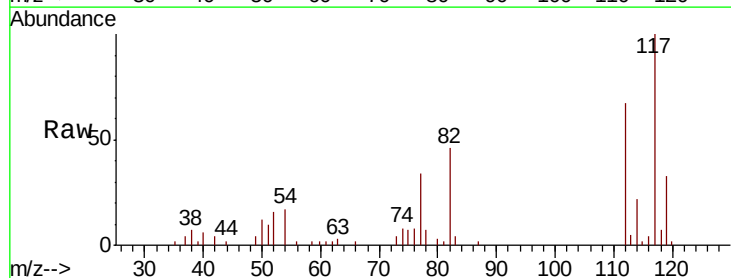
Instrument :
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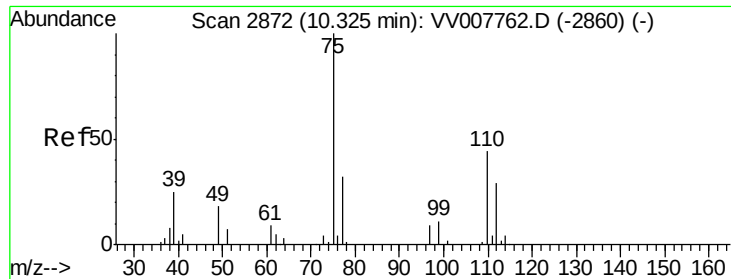
Tgt Ion: 43 Resp: 4874
 Ion Ratio Lower Upper
 43 100
 58 28.2 41.4 62.0#
 57 29.7 16.0 24.0#
 100 0.0 11.9 17.9#



#51
 Chlorobenzene
 Concen: 2.567 ug/L
 RT: 8.93 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: VV007775.D
 Acq: 23 Sep 2018 08:48

Tgt Ion: 112 Resp: 9107
 Ion Ratio Lower Upper
 112 100
 114 32.0 22.3 41.3
 77 50.2 40.6 60.8





#59

1,2,3-Trichloropropane

Concen: 6.209 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.97 min

Lab File: VV007775.D

Acq: 23 Sep 2018 08:48

Instrument :

MSVOA_V

ClientSampleId :

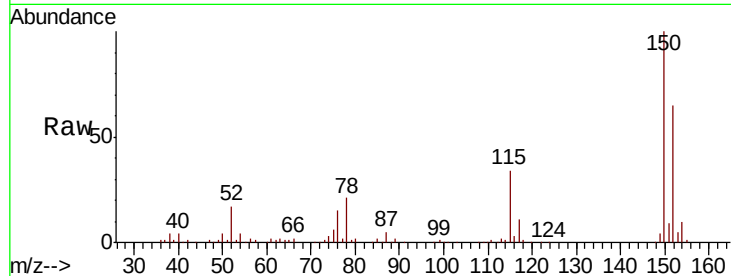
C08S3

Tgt Ion: 75 Resp: 9184

Ion Ratio Lower Upper

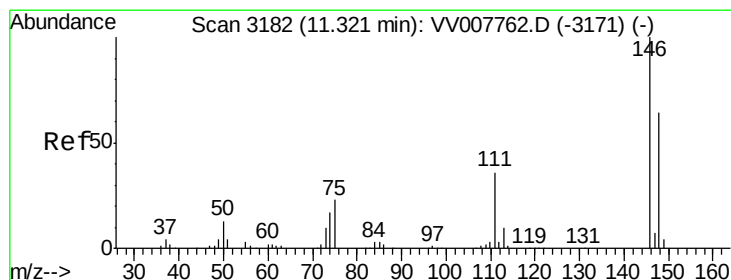
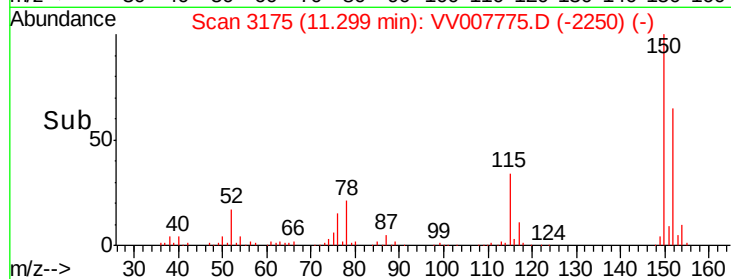
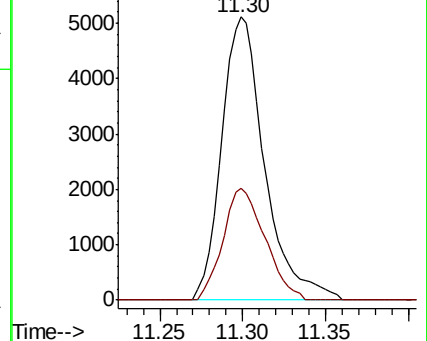
75 100

77 38.5 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VV007762.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VV007762.D (-2860) (-)



#63

1,4-Dichlorobenzene

Concen: 0.520 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007775.D

Acq: 23 Sep 2018 08:48

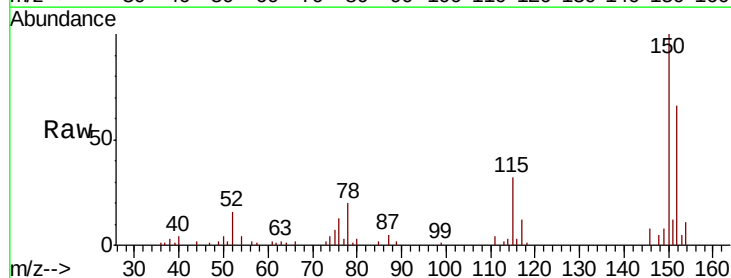
Tgt Ion: 146 Resp: 1552

Ion Ratio Lower Upper

146 100

111 46.6 24.4 45.4#

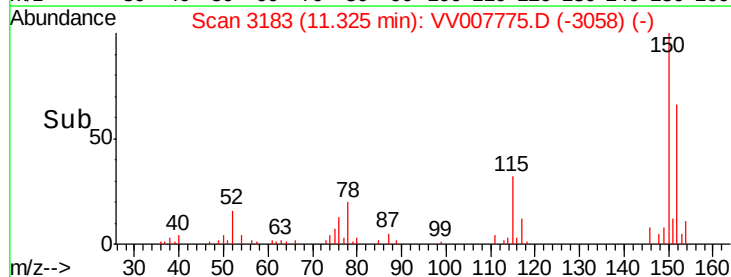
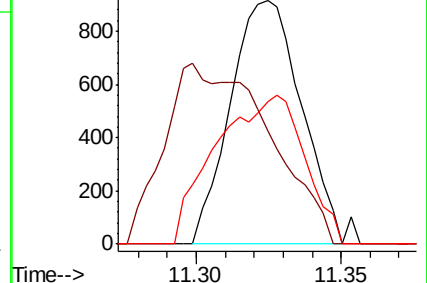
148 58.3 45.1 83.7

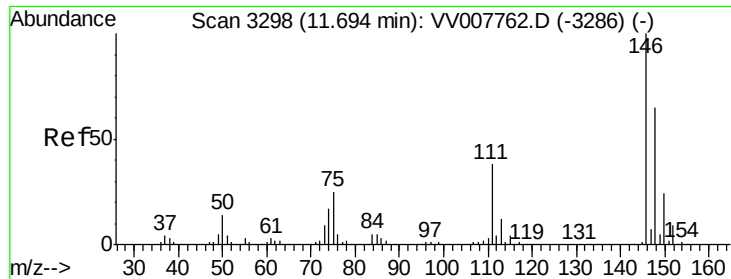


Abundance Ion 146.00 (145.70 to 146.70): VV007762.D (-3171) (-)

Ion 111.00 (110.70 to 111.70): VV007762.D (-3171) (-)

Ion 148.00 (147.70 to 148.70): VV007762.D (-3171) (-)





#65
 1,2-Dichlorobenzene
 Concen: 0.424 ug/L
 RT: 11.70 min Scan# 3299
 Delta R.T. 0.00 min
 Lab File: VV007775.D
 Acq: 23 Sep 2018 08:48

Instrument :
 MSVOA_V
 ClientSampleId :
 C08S3

Tgt Ion	Ratio	Lower	Upper
146	100		
111	56.5	29.8	44.8#
148	63.0	50.8	76.2

