

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007783.D
 Acq On : 23 Sep 2018 13:04
 Operator : SY/MD
 Sample : J5013-03 500X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08R7

Quant Time: Sep 24 07:21:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	179311	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174828	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93214	50.00	ug/L	0.00

System Monitoring Compounds

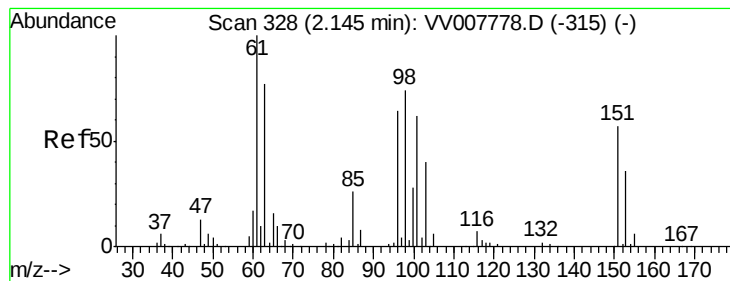
4) Vinyl Chloride-d3	1.32	65	34819	35.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.46%
7) Chloroethane-d5	1.59	69	37396	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.46%
11) 1,1-Dichloroethene-d2	2.14	63	72596	31.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.20%
21) 2-Butanone-d5	3.95	46	57014	88.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.58%
24) Chloroform-d	4.41	84	87190	41.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.58%
26) 1,2-Dichloroethane-d4	5.09	65	59421	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
32) Benzene-d6	5.11	84	176565	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
36) 1,2-Dichloropropane-d6	6.13	67	52048	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.72%
41) Toluene-d8	7.37	98	179853	42.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.66%
43) trans-1,3-Dichloropropene-	7.67	79	21518	35.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.92%
47) 2-Hexanone-d5	8.14	63	41432	79.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78573	42.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.84%
64) 1,2-Dichlorobenzene-d4	11.68	152	87443	45.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	766	0.565	ug/L #	14
12) 1,1-Dichloroethene	2.14	96	687	0.578	ug/L #	1
33) Benzene	5.15	78	94954	22.674	ug/L	100
35) Methylcyclohexane	6.13	83	13443	7.087	ug/L #	22
39) cis-1,3-Dichloropropene	7.04	75	1453	0.857	ug/L #	62
44) trans-1,3-Dichloropropene	7.67	75	1146	0.712	ug/L #	79
51) Chlorobenzene	8.93	112	367406	102.753	ug/L	99
59) 1,2,3-Trichloropropane	11.23	75	2950	1.979	ug/L #	43
62) 1,3-Dichlorobenzene	11.23	146	11664	3.946	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	129948	42.389	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	156128	52.244	ug/L	100
67) 1,3,5-Trichlorobenzene	13.32	180	19206	7.737	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	19206	8.621	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	5393	2.395	ug/L	100

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

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
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Acq On    : 23 Sep 2018 13:04
Operator  : SY/MD
Sample    : J5013-03 500X
Misc      : 5.0 mL/MSVOA_V/WATER
ALS Vial  : 61 Sample Multiplier: 1
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#10

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

Concen: 0.565 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007783.D

Acq: 23 Sep 2018 13:04

Instrument :

MSVOA_V

ClientSampleId :

C08R7

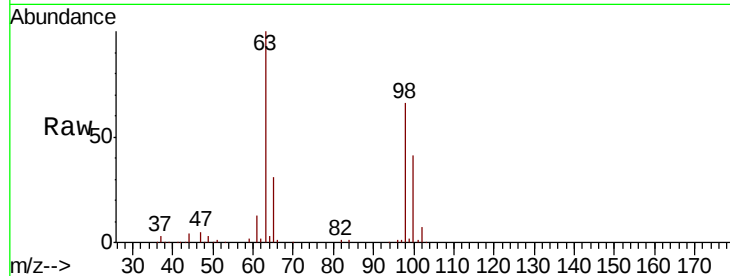
Tgt Ion: 101 Resp: 766

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

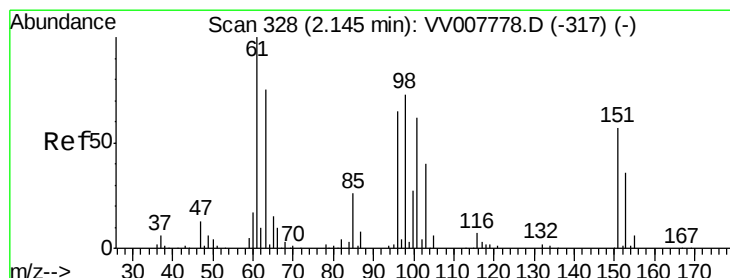
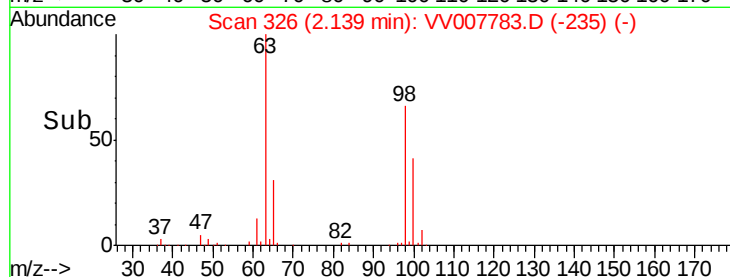
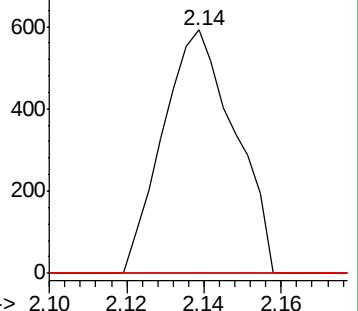
151 0.0 72.2 108.2#



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: 0.578 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007783.D

Acq: 23 Sep 2018 13:04

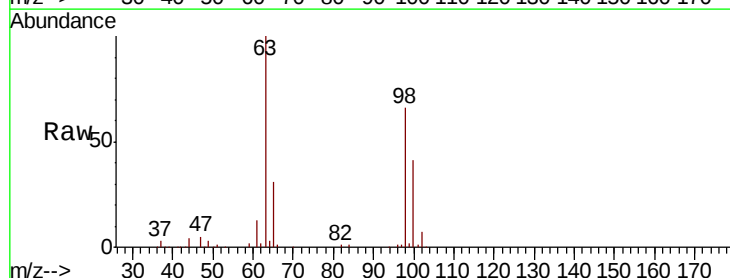
Tgt Ion: 96 Resp: 687

Ion Ratio Lower Upper

96 100

61 1420.0 107.3 199.3#

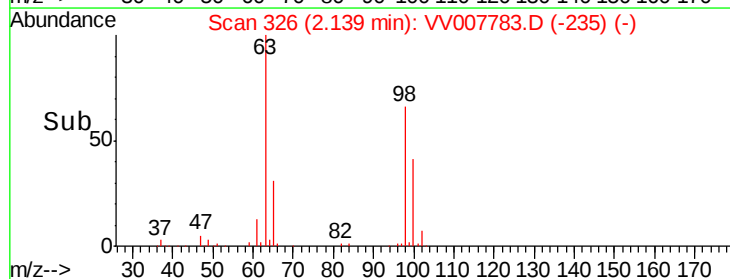
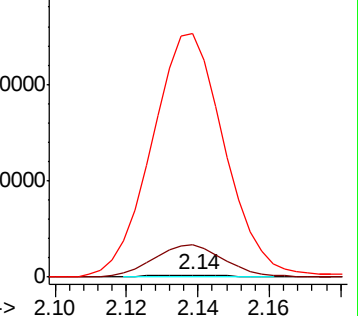
63 10862.8 78.8 146.4#

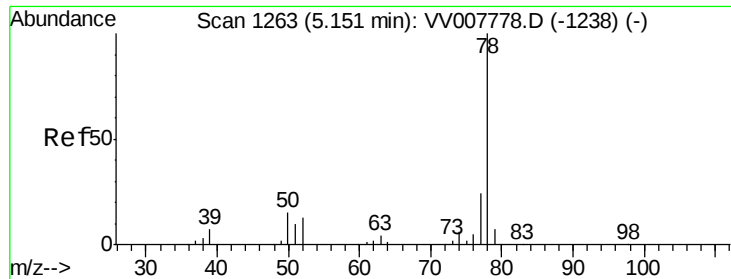


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#33

Benzene

Concen: 22.674 ug/L

RT: 5.15 min Scan# 1264

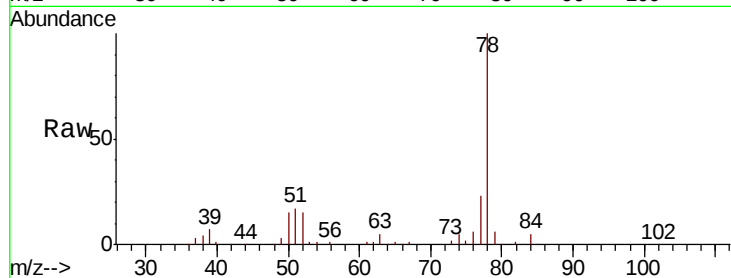
Delta R.T. 0.00 min

Lab File: VV007783.D

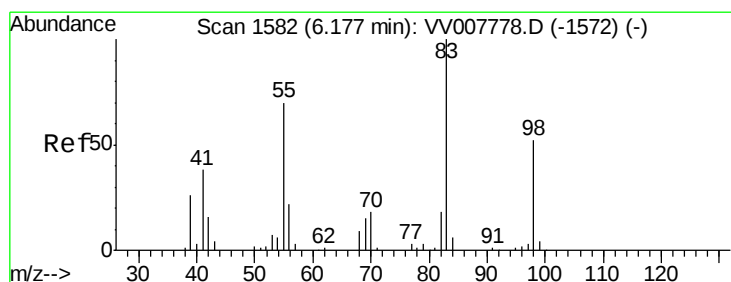
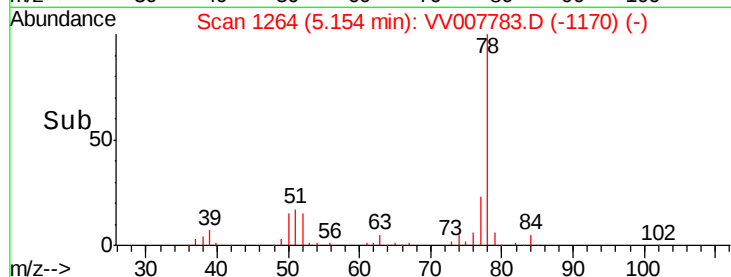
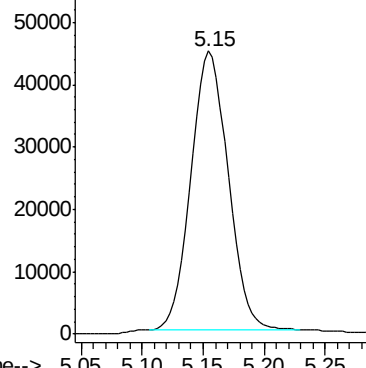
Acq: 23 Sep 2018 13:04

Instrument :
MSVOA_V
ClientSampleId :
C08R7

Tgt Ion: 78 Resp: 94954



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Methylcyclohexane

Concen: 7.087 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007783.D

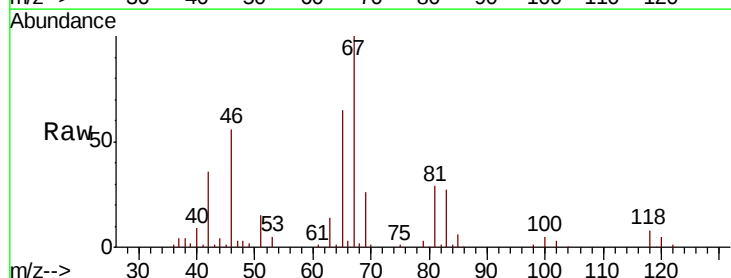
Acq: 23 Sep 2018 13:04

Tgt Ion: 83 Resp: 13443

Ion	Ratio	Lower	Upper
83	100		

55	0.0	54.6	82.0#
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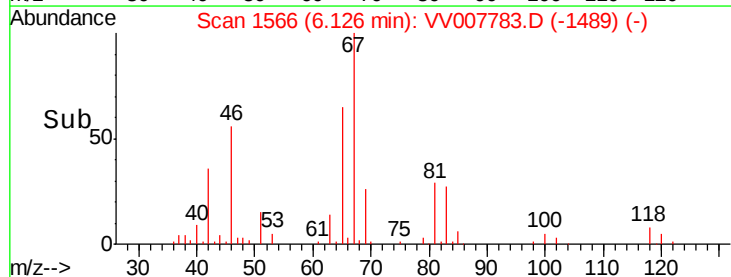
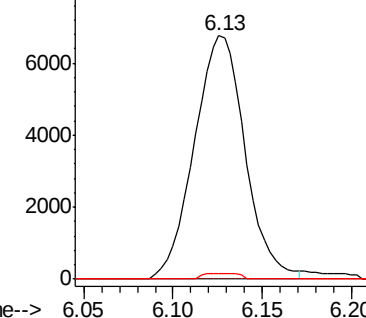
98	1.1	39.0	58.6#
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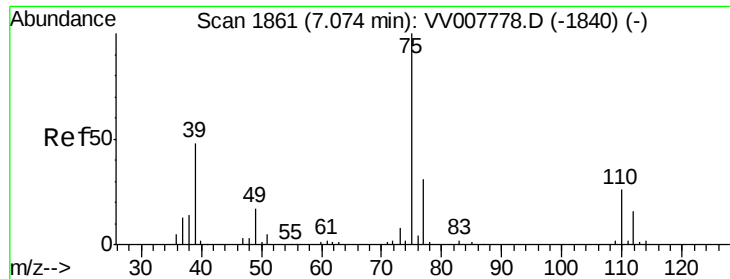


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

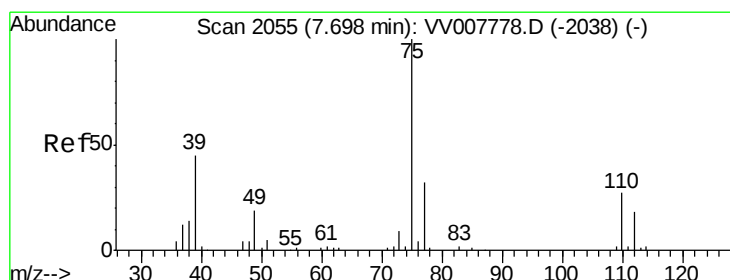
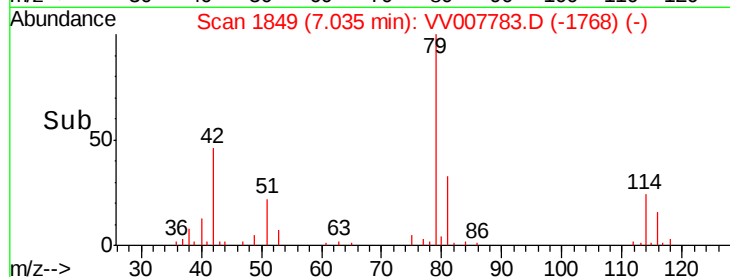
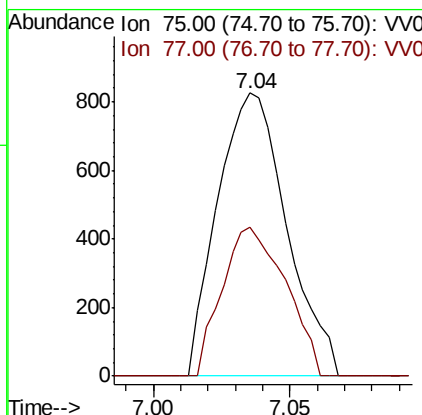
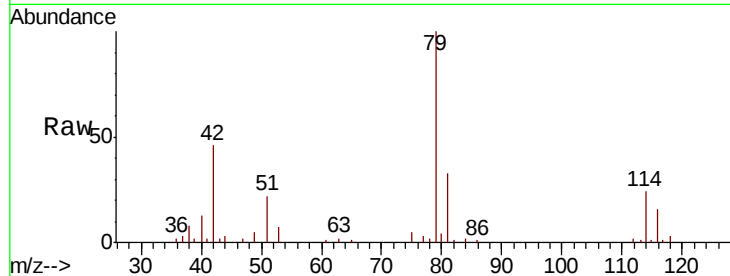




#39
 cis-1,3-Dichloropropene
 Concen: 0.857 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007783.D
 Acq: 23 Sep 2018 13:04

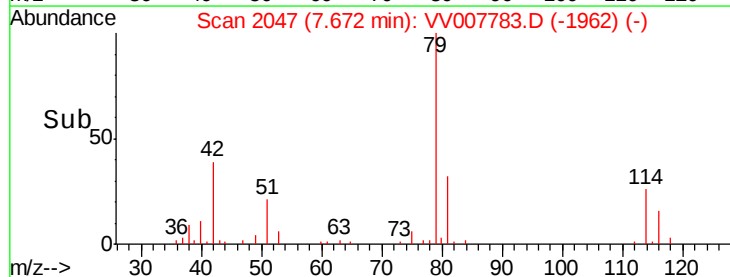
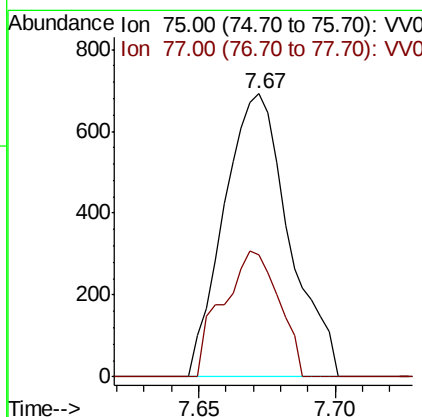
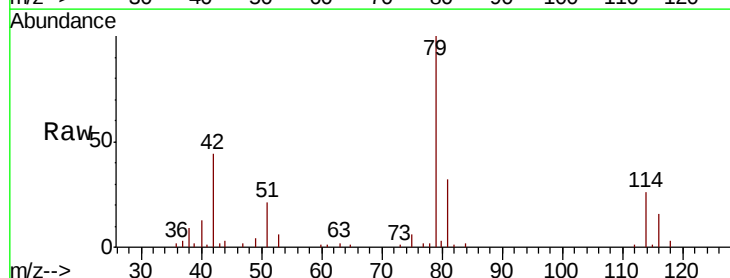
Instrument :
 MSVOA_V
 ClientSampleId :
 C08R7

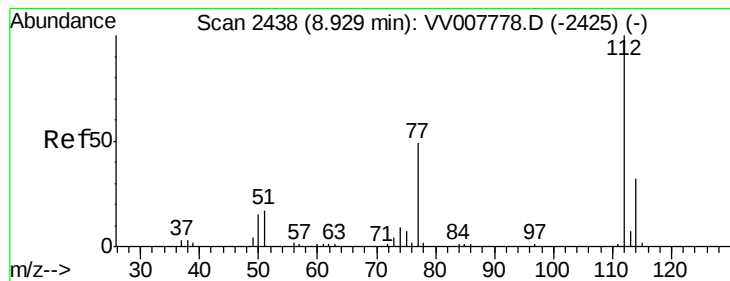
Tgt Ion: 75 Resp: 1453
 Ion Ratio Lower Upper
 75 100
 77 52.7 22.0 40.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.712 ug/L
 RT: 7.67 min Scan# 2047
 Delta R.T. -0.03 min
 Lab File: VV007783.D
 Acq: 23 Sep 2018 13:04

Tgt Ion: 75 Resp: 1146
 Ion Ratio Lower Upper
 75 100
 77 43.1 22.0 40.8#





#51

Chlorobenzene

Concen: 102.753 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007783.D

Acq: 23 Sep 2018 13:04

Instrument :

MSVOA_V

ClientSampleId :

C08R7

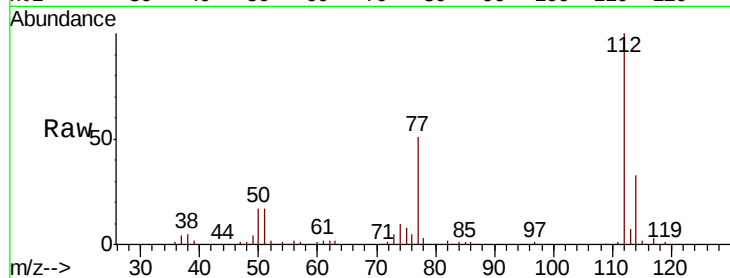
Tgt Ion: 112 Resp: 367406

Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.3

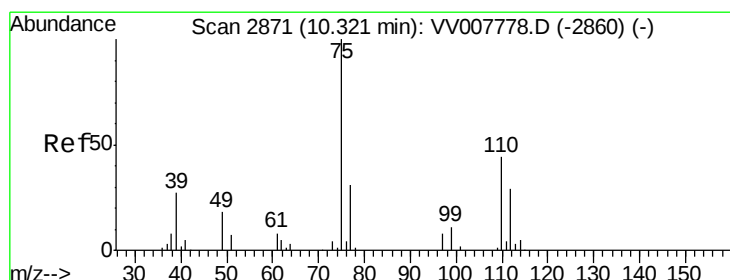
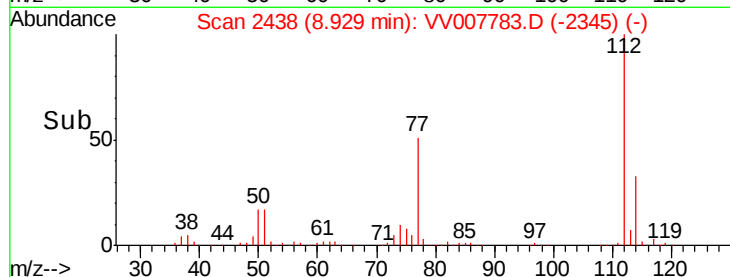
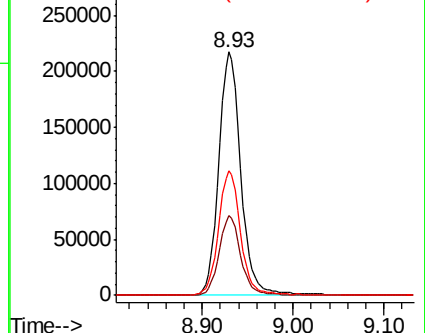
77 51.1 40.6 60.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#59

1,2,3-Trichloropropane

Concen: 1.979 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.91 min

Lab File: VV007783.D

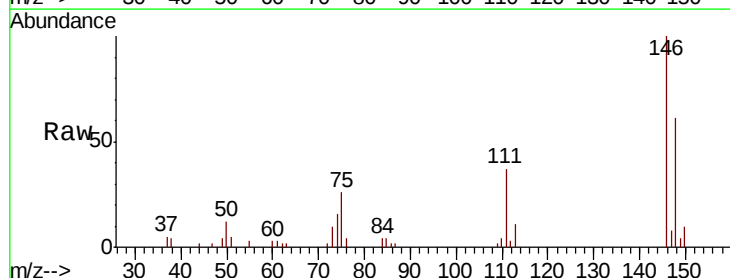
Acq: 23 Sep 2018 13:04

Tgt Ion: 75 Resp: 2950

Ion Ratio Lower Upper

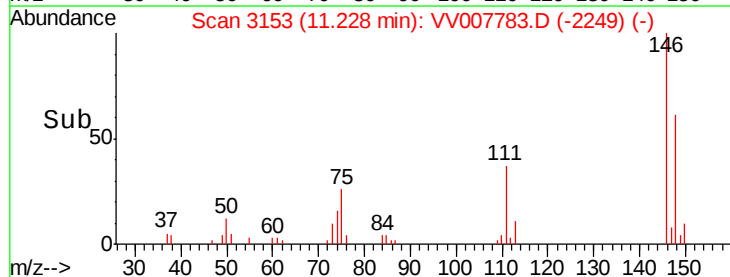
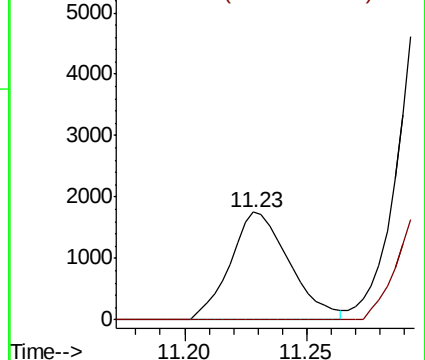
75 100

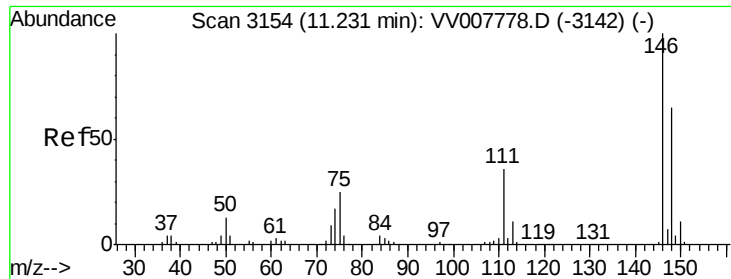
77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

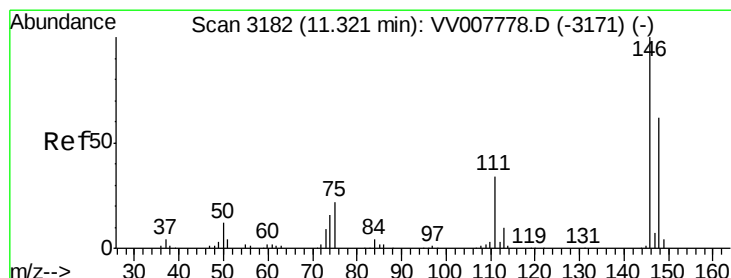
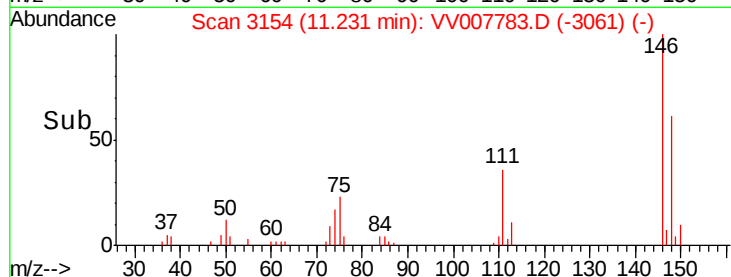
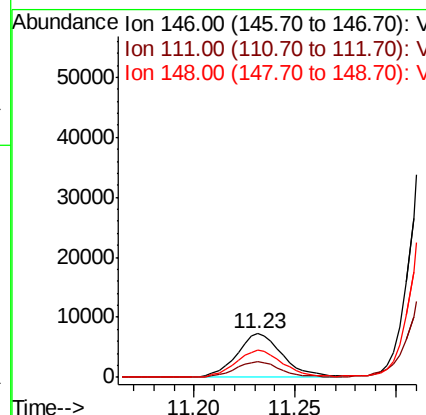
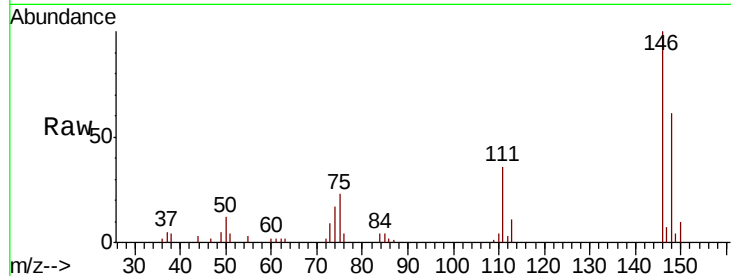




#62
 1,3-Dichlorobenzene
 Concen: 3.946 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV007783.D
 Acq: 23 Sep 2018 13:04

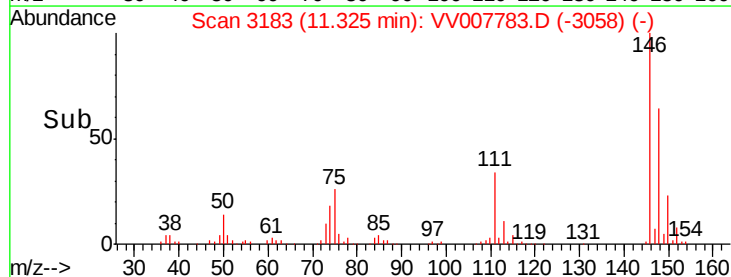
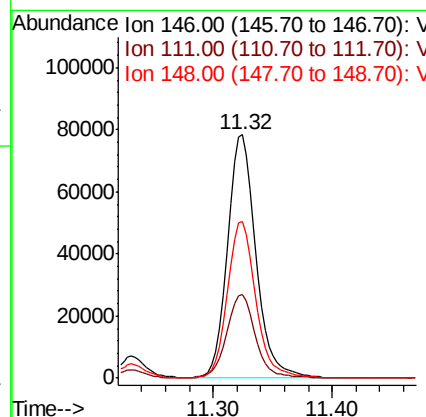
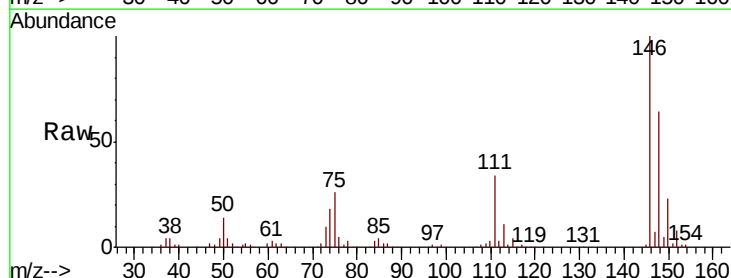
Instrument :
 MSVOA_V
 ClientSampled :
 C08R7

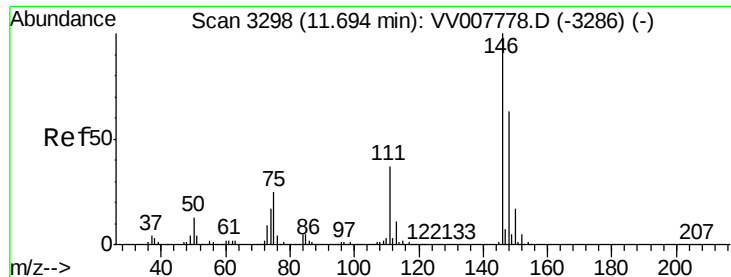
Tgt Ion:146 Resp: 11664
 Ion Ratio Lower Upper
 146 100
 111 35.7 25.1 46.7
 148 61.4 45.1 83.9



#63
 1,4-Dichlorobenzene
 Concen: 42.389 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007783.D
 Acq: 23 Sep 2018 13:04

Tgt Ion:146 Resp: 129948
 Ion Ratio Lower Upper
 146 100
 111 34.3 24.4 45.4
 148 64.4 45.1 83.7





#65

1,2-Dichlorobenzene

Concen: 52.244 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV007783.D

Acq: 23 Sep 2018 13:04

Instrument :

MSVOA_V

ClientSampleId :

C08R7

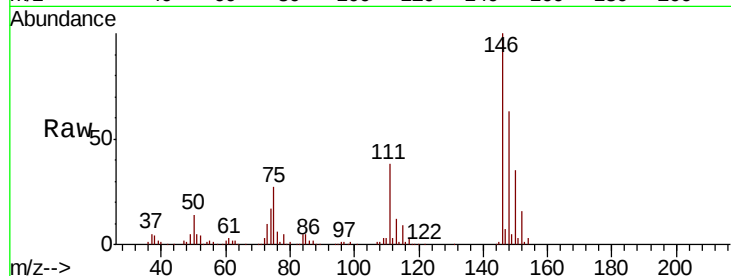
Tgt Ion:146 Resp: 156128

Ion Ratio Lower Upper

146 100

111 37.6 29.8 44.8

148 63.4 50.8 76.2

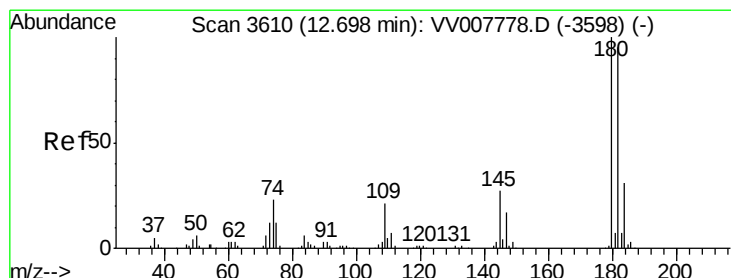
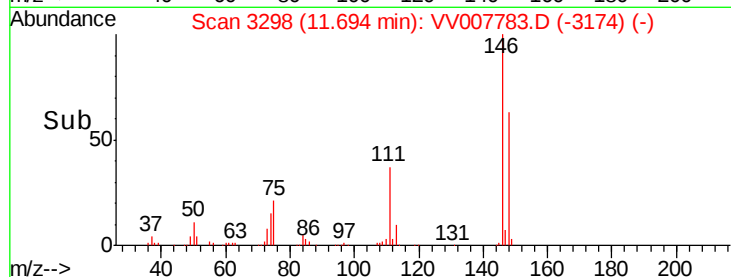
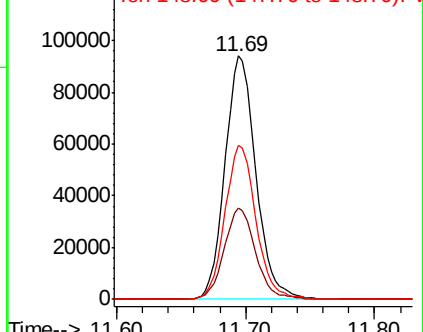


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 7.737 ug/L

RT: 13.32 min Scan# 3803

Delta R.T. 0.62 min

Lab File: VV007783.D

Acq: 23 Sep 2018 13:04

Tgt Ion:180 Resp: 19206

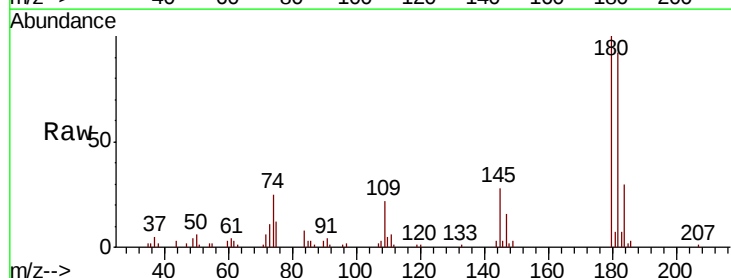
Ion Ratio Lower Upper

180 100

182 95.5 77.6 116.4

184 31.5 24.7 37.1

145 28.0 21.8 32.8



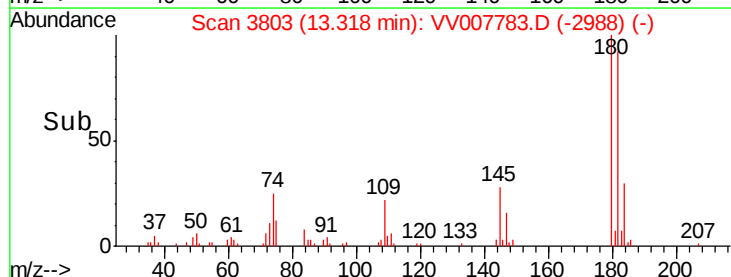
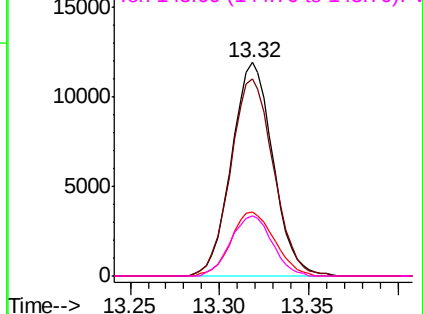
Abundance

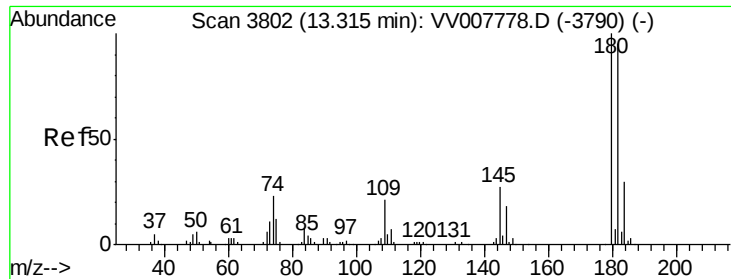
Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

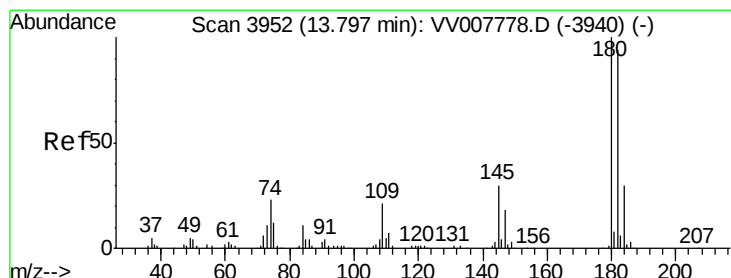
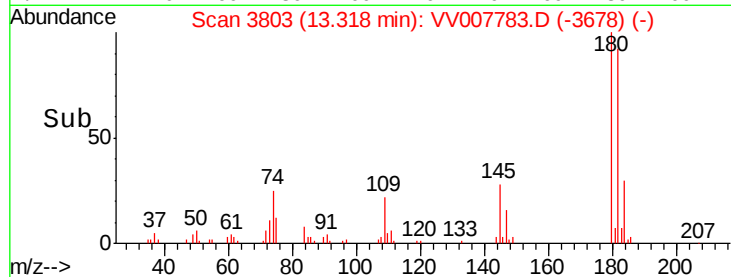
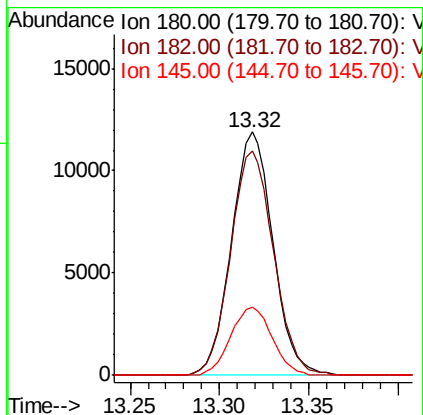
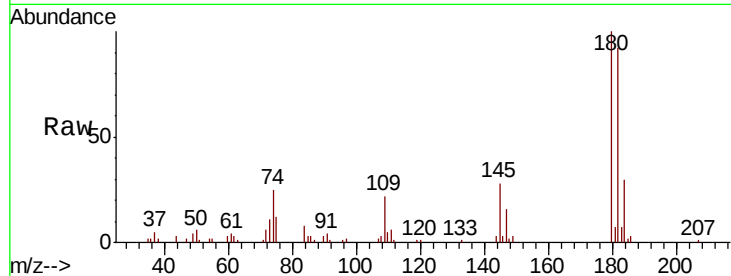




#68
 1,2,4-trichlorobenzene
 Concen: 8.621 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV007783.D
 Acq: 23 Sep 2018 13:04

Instrument :
 MSVOA_V
 ClientSampleId :
 C08R7

Tgt Ion:180 Resp: 19206
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.0 115.6
 145 28.0 22.2 33.2



#70
 1,2,3-Trichlorobenzene
 Concen: 2.395 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.01 min
 Lab File: VV007783.D
 Acq: 23 Sep 2018 13:04

Tgt Ion:180 Resp: 5393
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.4 116.2
 145 29.0 23.3 34.9

