

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007769.D
 Acq On : 23 Sep 2018 06:19
 Operator : SY/MD
 Sample : J5013-08
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08M2

Quant Time: Sep 24 05:17:22 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	186101	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	175918	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91726	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38050	37.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.24%
7) Chloroethane-d5	1.59	69	38860	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.56%
11) 1,1-Dichloroethene-d2	2.14	63	75155	31.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.04%
21) 2-Butanone-d5	3.95	46	46425	69.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.50%
24) Chloroform-d	4.41	84	84562	39.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.10%
26) 1,2-Dichloroethane-d4	5.09	65	60664	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
32) Benzene-d6	5.11	84	176840	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
36) 1,2-Dichloropropane-d6	6.13	67	53513	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.62%
41) Toluene-d8	7.36	98	183394	43.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.67	79	22425	37.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.50%
47) 2-Hexanone-d5	8.14	63	39584	75.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79286	42.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	84193	44.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.24%

Target Compounds

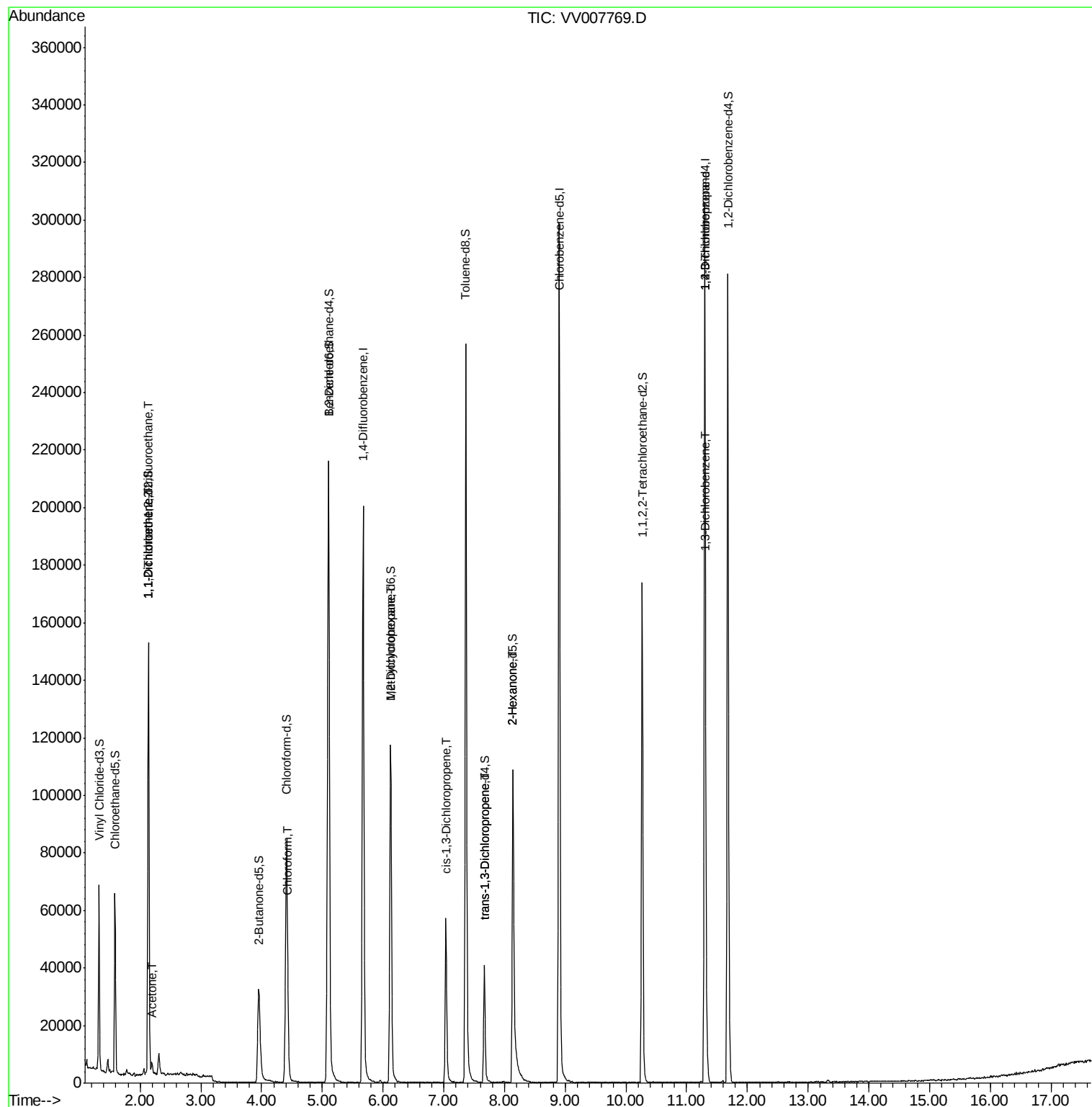
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	822	0.584	ug/L #	14
12) 1,1-Dichloroethene	2.14	96	700	0.567	ug/L #	1
13) Acetone	2.19	43	1890	2.681	ug/L	87
25) Chloroform	4.44	83	6514	3.123	ug/L	96
35) Methylcyclohexane	6.13	83	14086	7.380	ug/L #	21
39) cis-1,3-Dichloropropene	7.04	75	1663	0.975	ug/L #	70
44) trans-1,3-Dichloropropene	7.67	75	1058	0.653	ug/L #	50
48) 2-Hexanone	8.14	43	4974	4.602	ug/L #	76
59) 1,2,3-Trichloropropane	11.30	75	9144	6.095	ug/L #	83
62) 1,3-Dichlorobenzene	11.32	146	1039	0.357	ug/L #	85

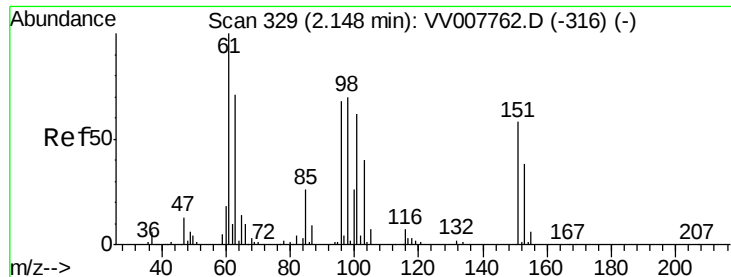
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.584 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007769.D

Acq: 23 Sep 2018 06:19

Instrument :

MSVOA_V

ClientSampled :

C08M2

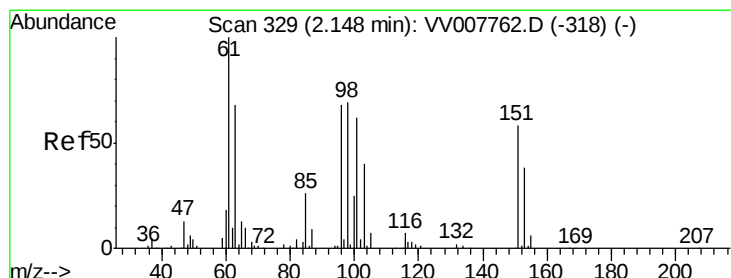
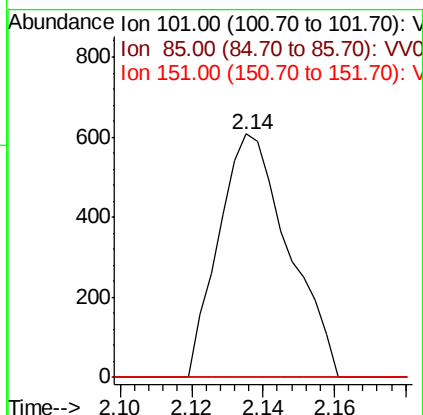
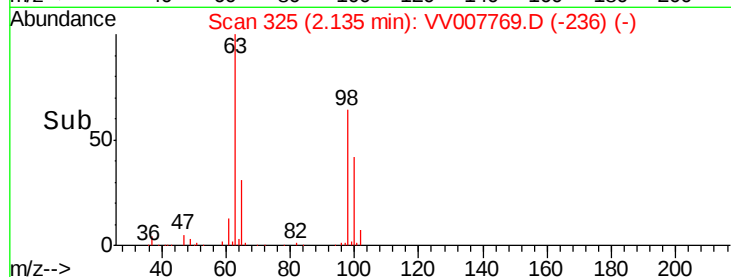
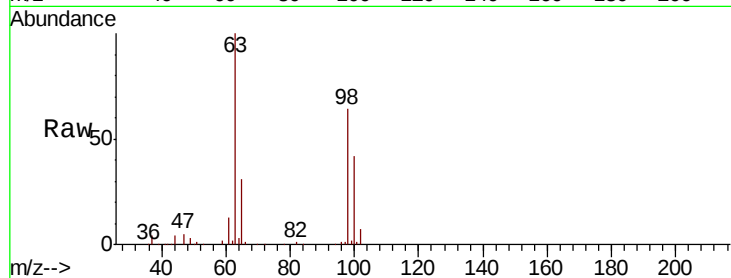
Tgt Ion: 101 Resp: 822

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: 0.567 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007769.D

Acq: 23 Sep 2018 06:19

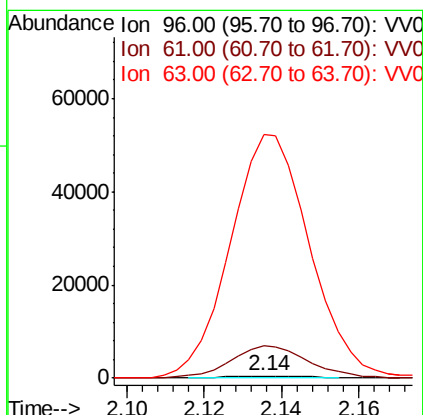
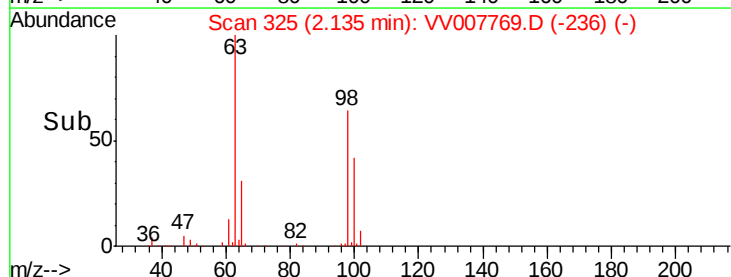
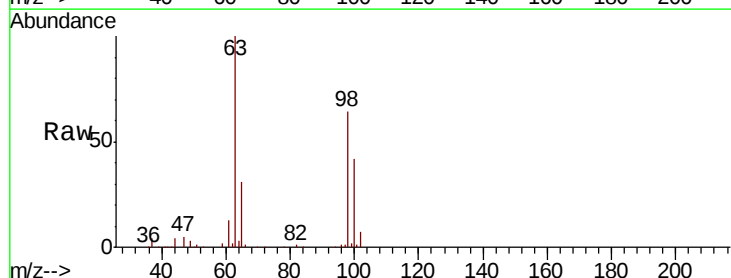
Tgt Ion: 96 Resp: 700

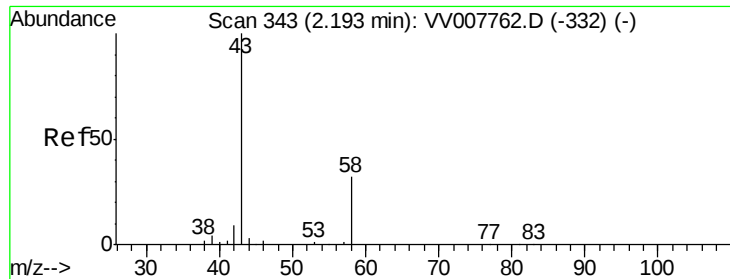
Ion Ratio Lower Upper

96 100

61 1368.3 107.3 199.3#

63 10411.2 78.8 146.4#





#13

Acetone

Concen: 2.681 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007769.D

Acq: 23 Sep 2018 06:19

Instrument :

MSVOA_V

ClientSampleId :

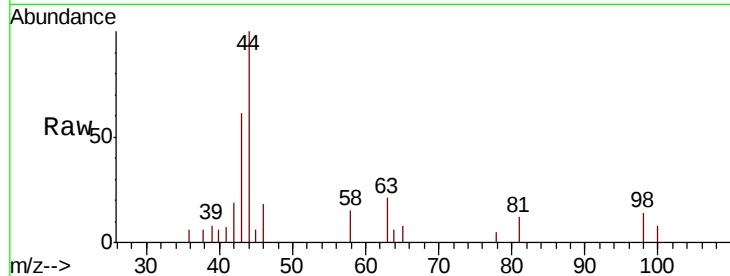
C08M2

Tgt Ion: 43 Resp: 1890

Ion Ratio Lower Upper

43 100

58 25.5 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) (-)

2.19

1500

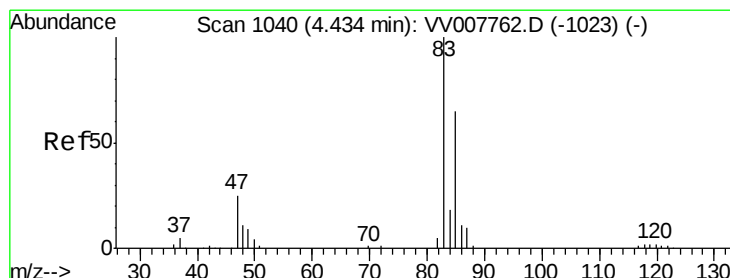
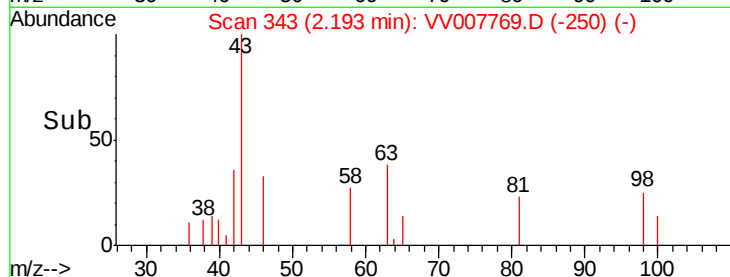
1000

500

0

Time-->

2.15 2.20 2.25



#25

Chloroform

Concen: 3.123 ug/L

RT: 4.44 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VV007769.D

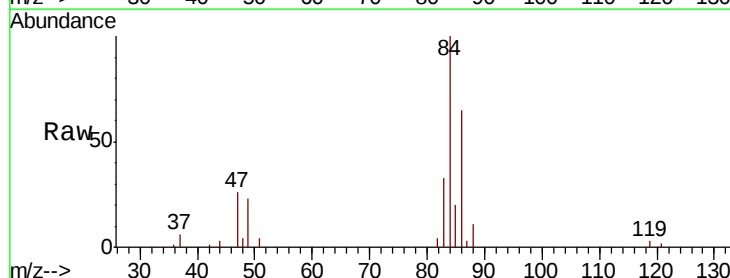
Acq: 23 Sep 2018 06:19

Tgt Ion: 83 Resp: 6514

Ion Ratio Lower Upper

83 100

85 59.7 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

3000

2500

2000

1500

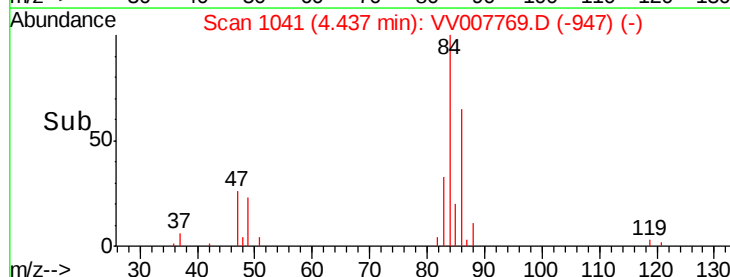
1000

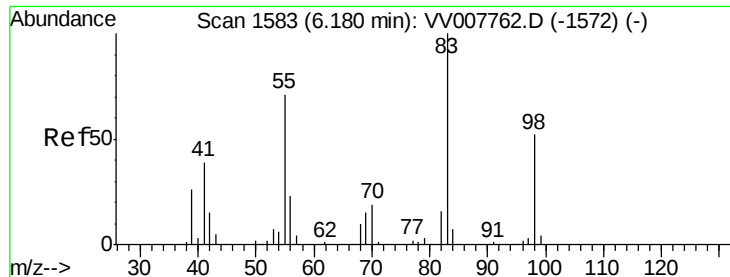
500

0

Time-->

4.35 4.40 4.45 4.50

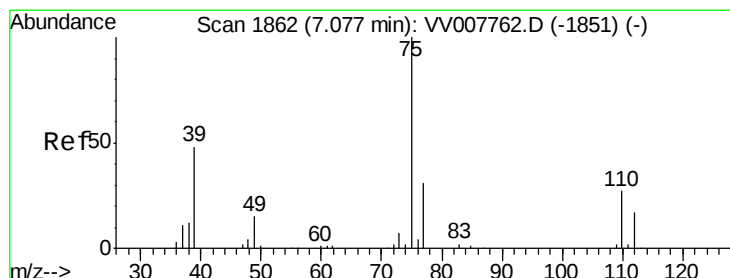
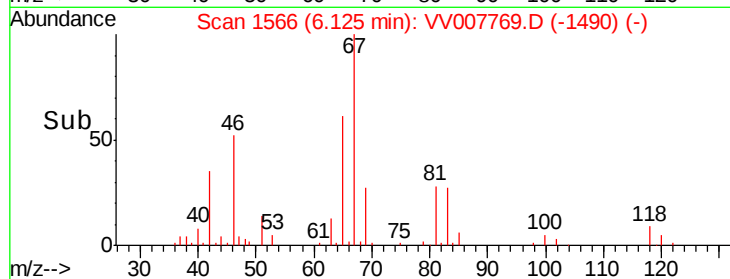
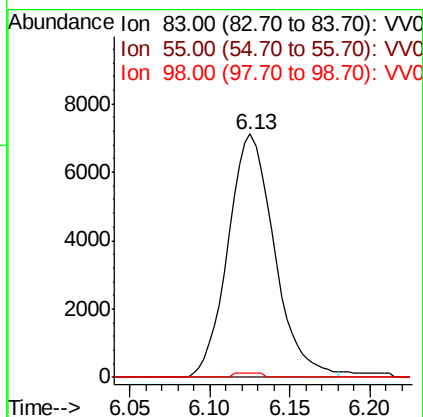
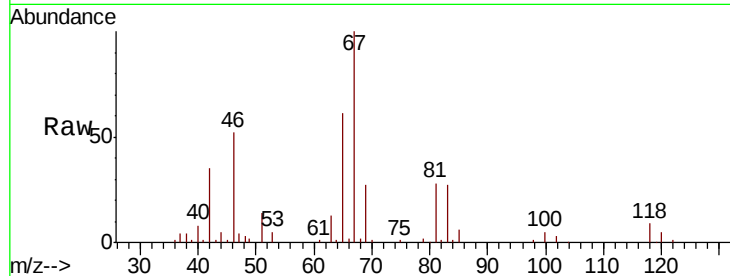




#35
Methylcyclohexane
Concen: 7.380 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007769.D
Acq: 23 Sep 2018 06:19

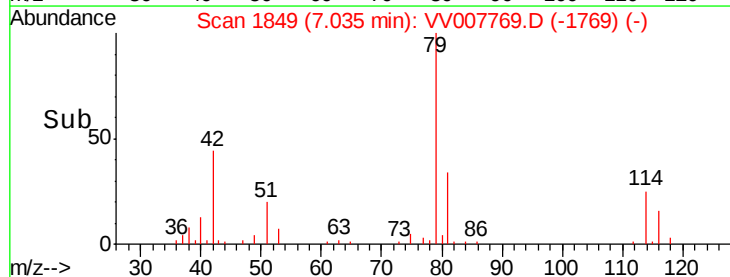
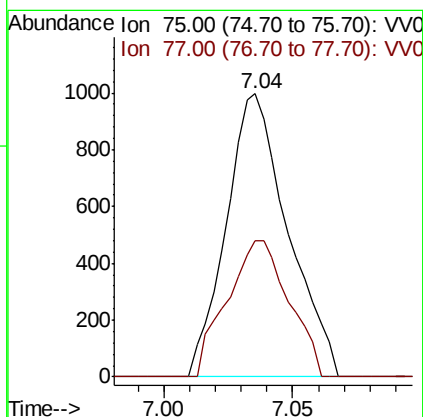
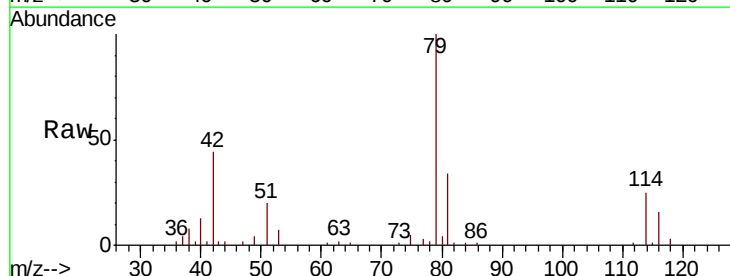
Instrument :
MSVOA_V
ClientSampleId :
C08M2

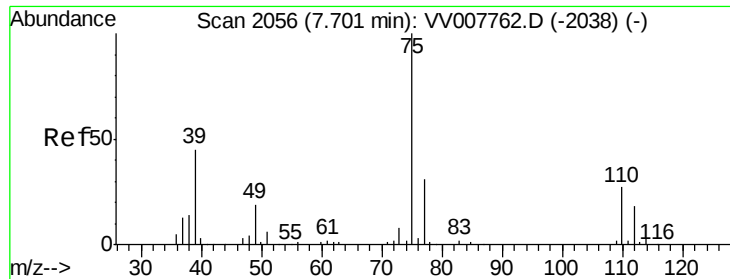
Tgt Ion: 83 Resp: 14086
Ion Ratio Lower Upper
83 100
55 0.0 54.6 82.0#
98 0.5 39.0 58.6#



#39
cis-1,3-Dichloropropene
Concen: 0.975 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007769.D
Acq: 23 Sep 2018 06:19

Tgt Ion: 75 Resp: 1663
Ion Ratio Lower Upper
75 100
77 48.2 22.0 40.8#





#44

trans-1,3-Dichloropropene

Concen: 0.653 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.04 min

Lab File: VV007769.D

Acq: 23 Sep 2018 06:19

Instrument :

MSVOA_V

ClientSampleId :

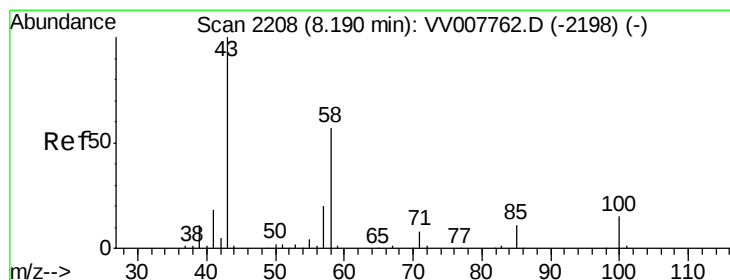
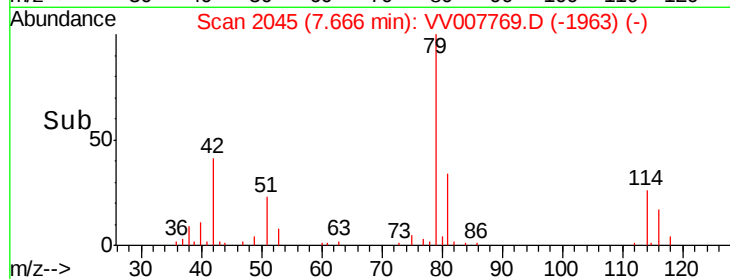
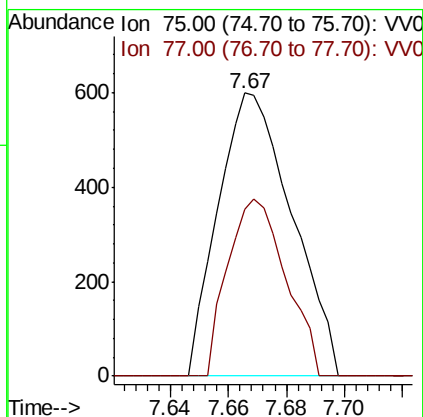
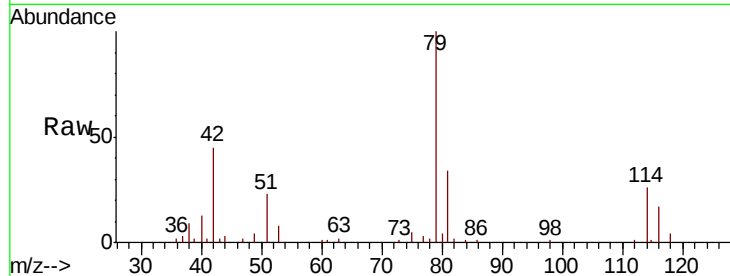
C08M2

Tgt Ion: 75 Resp: 1058

Ion Ratio Lower Upper

75 100

77 58.9 22.0 40.8#



#48

2-Hexanone

Concen: 4.602 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV007769.D

Acq: 23 Sep 2018 06:19

Tgt Ion: 43 Resp: 4974

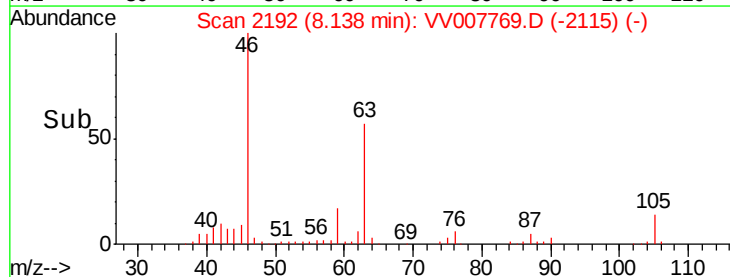
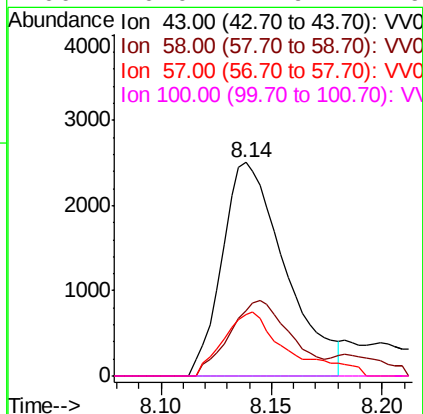
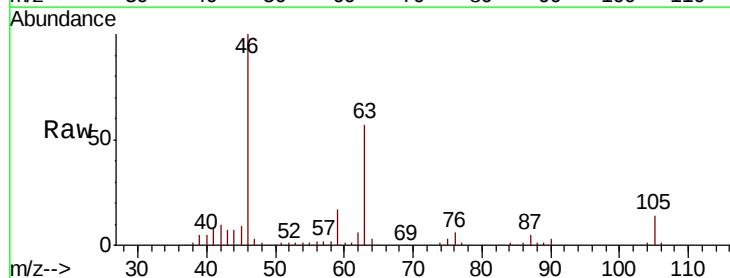
Ion Ratio Lower Upper

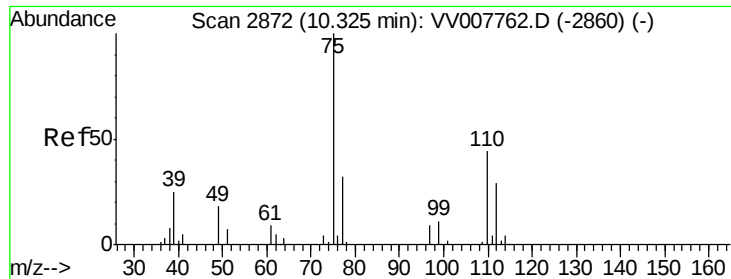
43 100

58 34.2 41.4 62.0#

57 25.5 16.0 24.0#

100 0.0 11.9 17.9#





#59

1,2,3-Trichloropropane

Concen: 6.095 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.97 min

Lab File: VV007769.D

Acq: 23 Sep 2018 06:19

Instrument :

MSVOA_V

ClientSampleId :

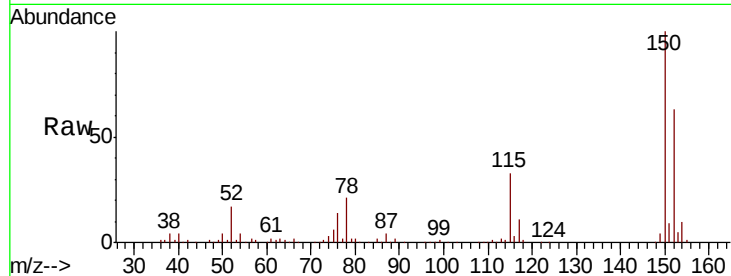
C08M2

Tgt Ion: 75 Resp: 9144

Ion Ratio Lower Upper

75 100

77 41.3 25.6 38.4#



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

Ion 77.00 (76.70 to 77.70): VV007769.D (-2250) (-)

11.30

6000

5000

4000

3000

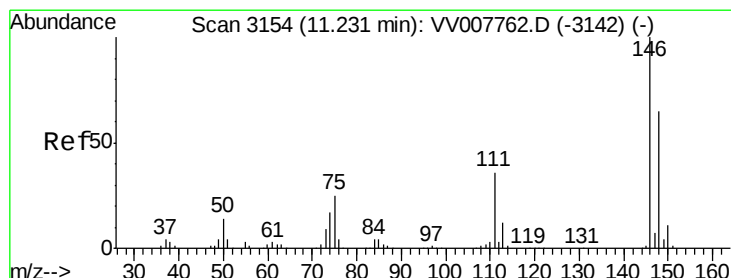
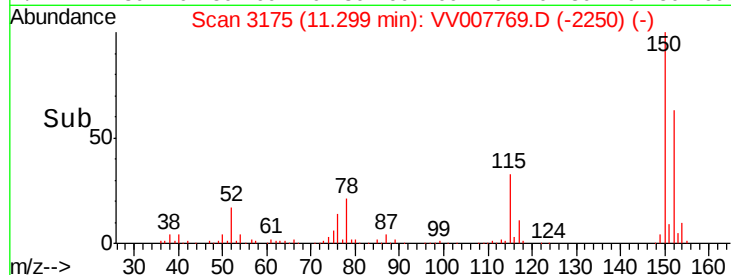
2000

1000

0

11.25 11.30 11.35

Time-->



#62

1,3-Dichlorobenzene

Concen: 0.357 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.09 min

Lab File: VV007769.D

Acq: 23 Sep 2018 06:19

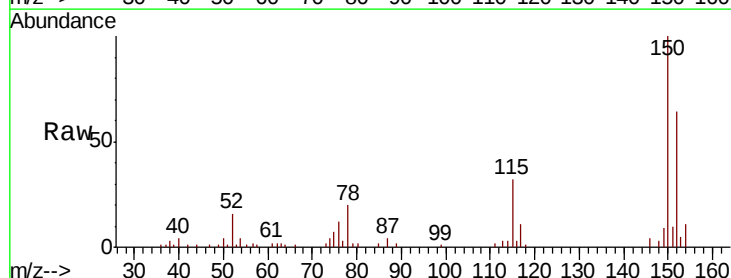
Tgt Ion: 146 Resp: 1039

Ion Ratio Lower Upper

146 100

111 57.2 25.1 46.7#

148 67.1 45.1 83.9



Abundance Ion 146.00 (145.70 to 146.70): VV007762.D (-3142) (-)

Ion 111.00 (110.70 to 111.70): VV007769.D (-2250) (-)

Ion 148.00 (147.70 to 148.70): VV007769.D (-2250) (-)

11.32

800

600

400

200

0

11.30 11.35

Time-->

