

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
 Data File : VV007782.D
 Acq On : 23 Sep 2018 12:39
 Operator : SY/MD
 Sample : J5013-02 200X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C08R6

Quant Time: Sep 24 07:21:05 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	178262	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	171214	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93681	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35540	36.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.36%
7) Chloroethane-d5	1.59	69	37066	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.14	63	71841	31.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.90%
21) 2-Butanone-d5	3.95	46	58086	90.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.78%
24) Chloroform-d	4.41	84	87781	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.64%
26) 1,2-Dichloroethane-d4	5.09	65	59674	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
32) Benzene-d6	5.11	84	175597	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
36) 1,2-Dichloropropane-d6	6.13	67	52555	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.44%
41) Toluene-d8	7.36	98	178322	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%
43) trans-1,3-Dichloropropene-	7.67	79	21611	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.76%
47) 2-Hexanone-d5	8.14	63	45107	88.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78178	43.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.18%
64) 1,2-Dichlorobenzene-d4	11.68	152	87843	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%

Target Compounds

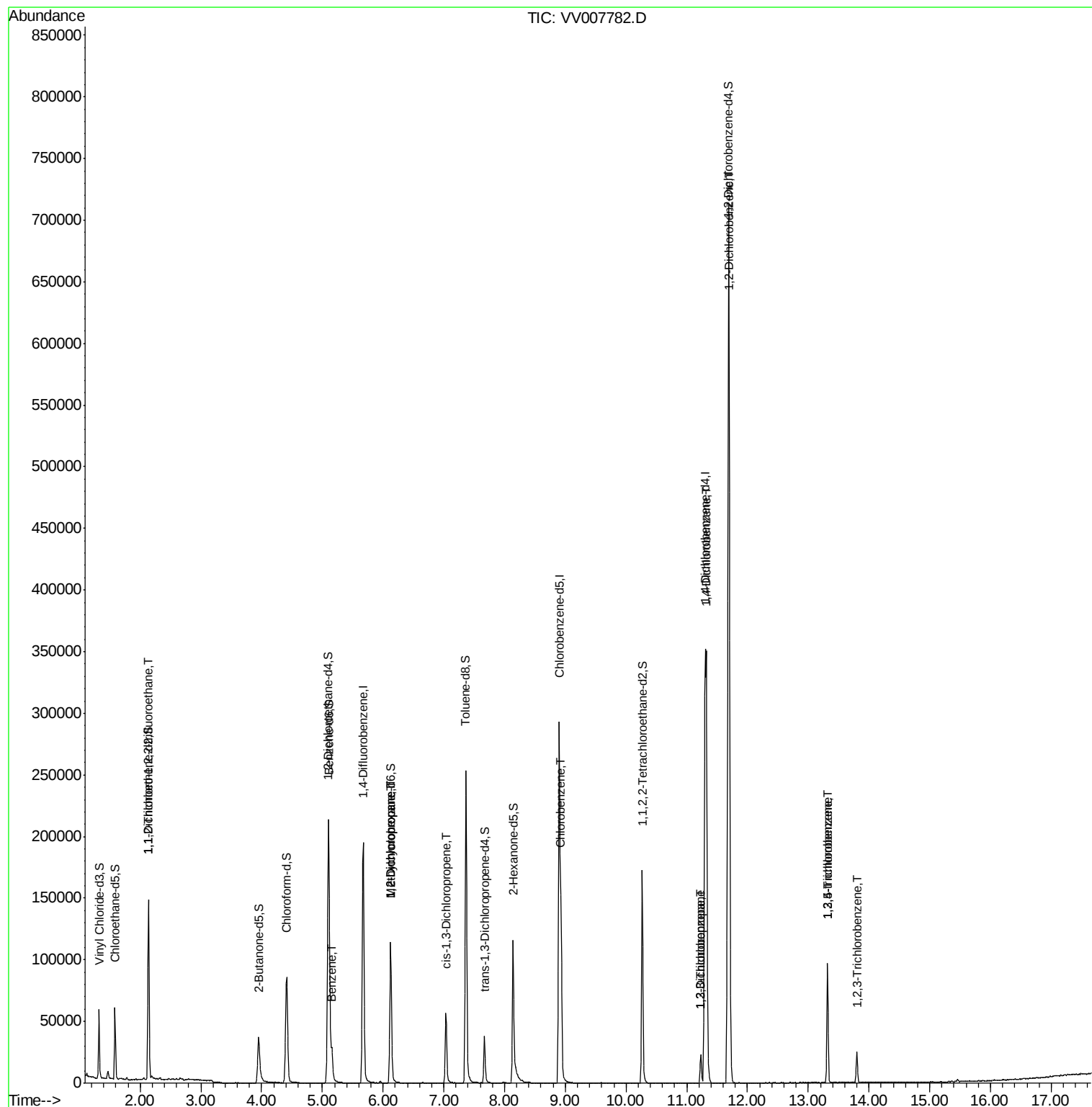
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	789	0.585	ug/L #	14
33) Benzene	5.16	78	23676	5.773	ug/L	100
35) Methylcyclohexane	6.13	83	14148	7.616	ug/L #	21
37) 1,2-Dichloropropane	6.13	63	6537	6.331	ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1562	0.941	ug/L #	75
51) Chlorobenzene	8.93	112	75125	21.454	ug/L	99
59) 1,2,3-Trichloropropane	11.23	75	2707	1.854	ug/L #	43
62) 1,3-Dichlorobenzene	11.23	146	10889	3.666	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	136004	44.143	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	282237	93.971	ug/L	98
67) 1,3,5-Trichlorobenzene	13.32	180	32579	13.059	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	32579	14.551	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	8710	3.849	ug/L	100

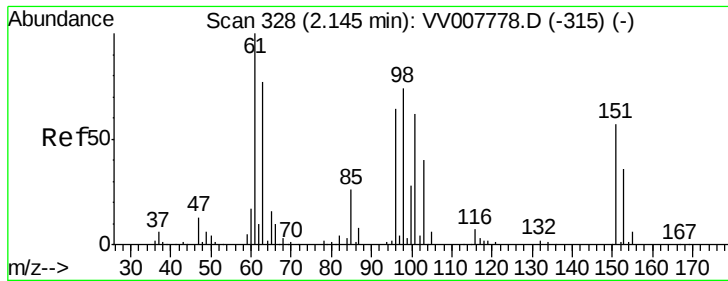
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV092318\
Data File : VV007782.D
Acq On : 23 Sep 2018 12:39
Operator : SY/MD
Sample : J5013-02 200X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 60 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C08R6

Quant Time: Sep 24 07:21:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 24 07:19:48 2018
Response via : Initial Calibration





#10

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

Concen: 0.585 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV007782.D

Acq: 23 Sep 2018 12:39

Instrument :

MSVOA_V

ClientSampleId :

C08R6

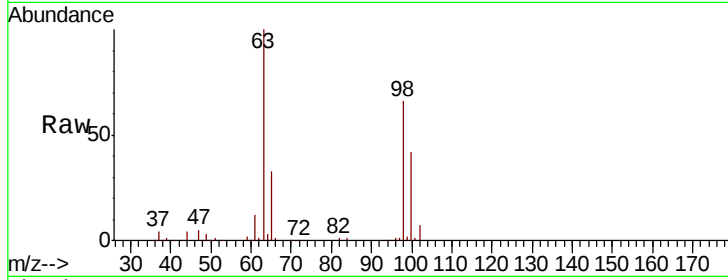
Tgt Ion:101 Resp: 789

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

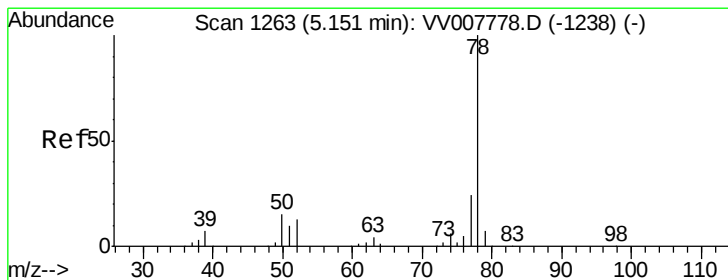
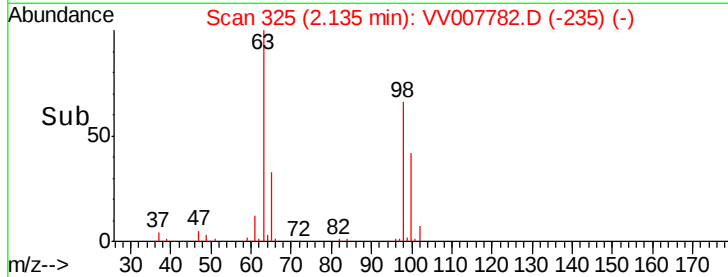
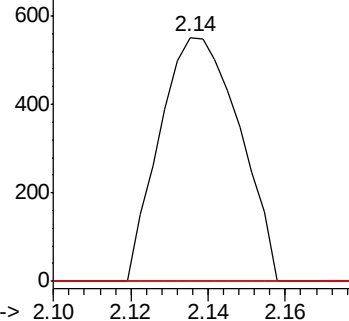
151 0.0 72.2 108.2#



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



#33

Benzene

Concen: 5.773 ug/L

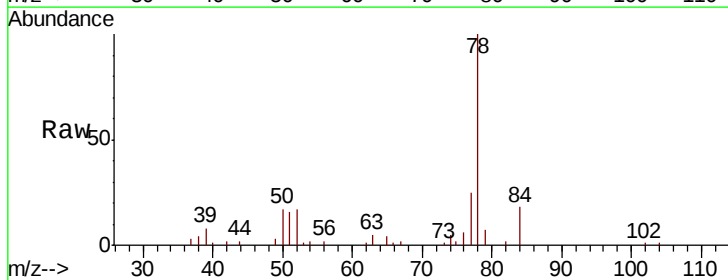
RT: 5.16 min Scan# 1265

Delta R.T. 0.01 min

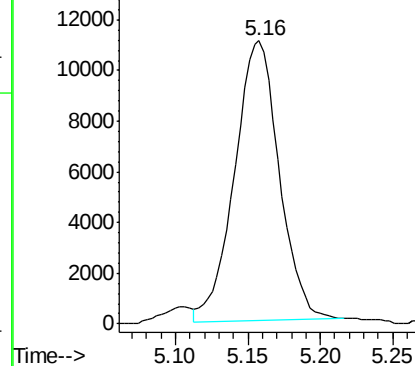
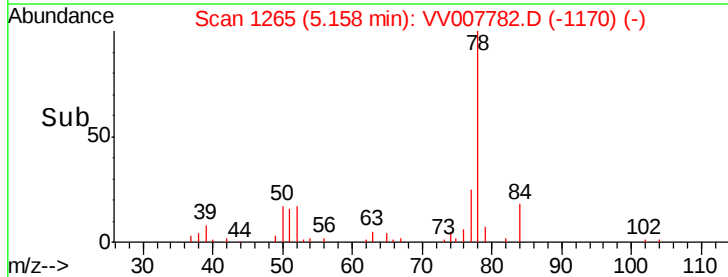
Lab File: VV007782.D

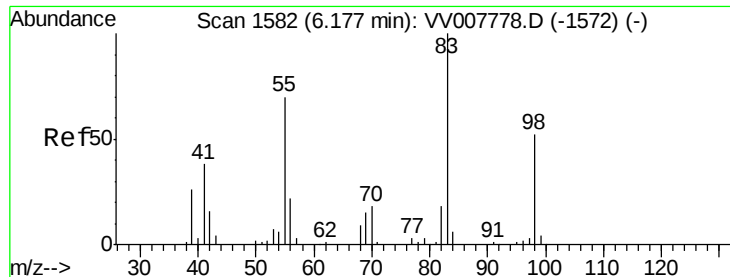
Acq: 23 Sep 2018 12:39

Tgt Ion: 78 Resp: 23676



Abundance Ion 78.00 (77.70 to 78.70): VV0

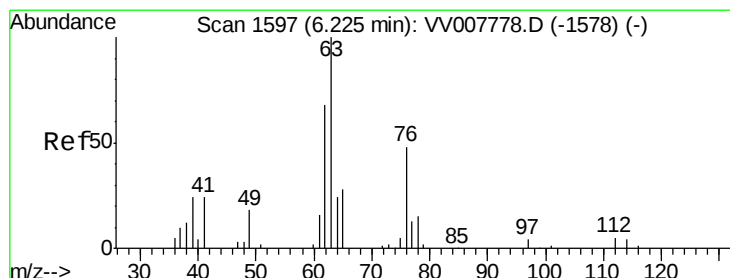
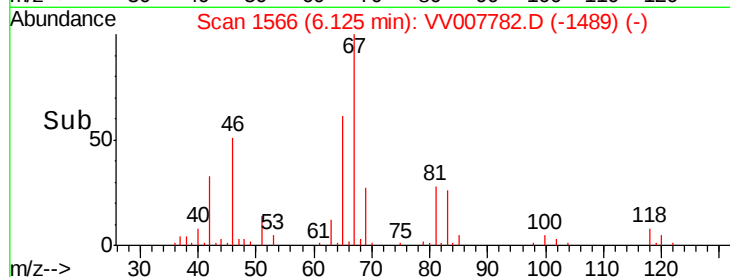
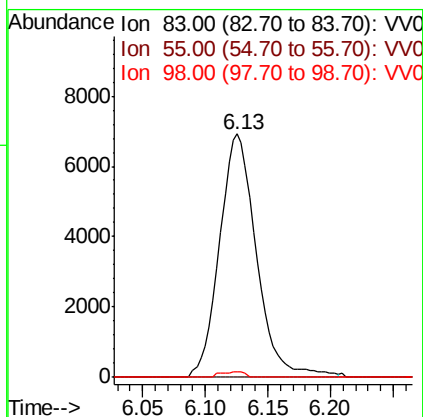
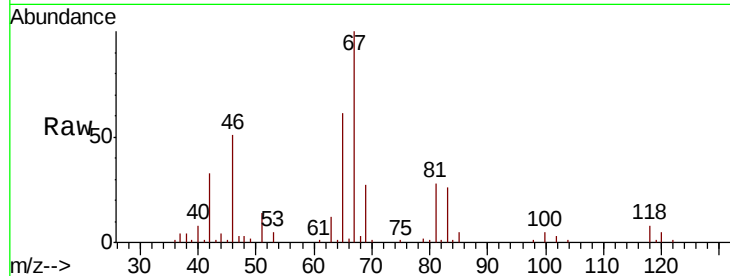




#35
Methylcyclohexane
Concen: 7.616 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007782.D
Acq: 23 Sep 2018 12:39

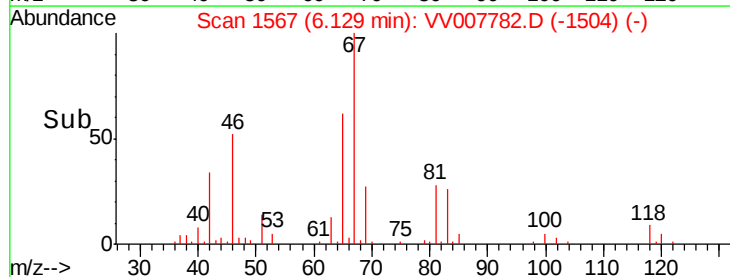
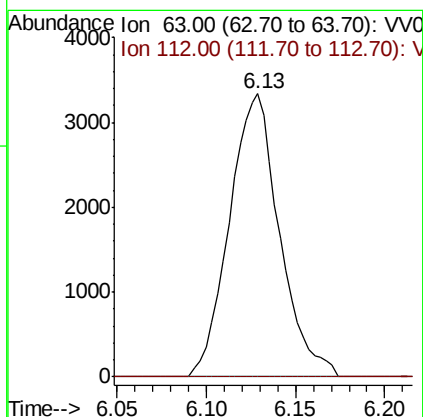
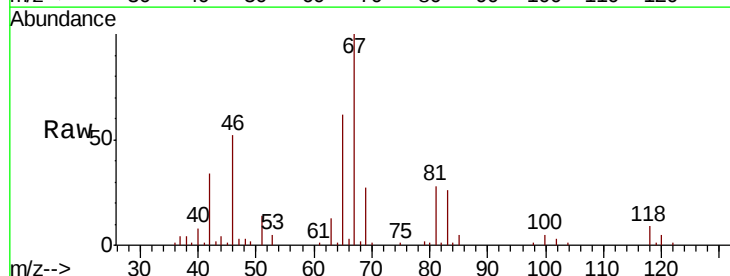
Instrument :
MSVOA_V
ClientSampleId :
C08R6

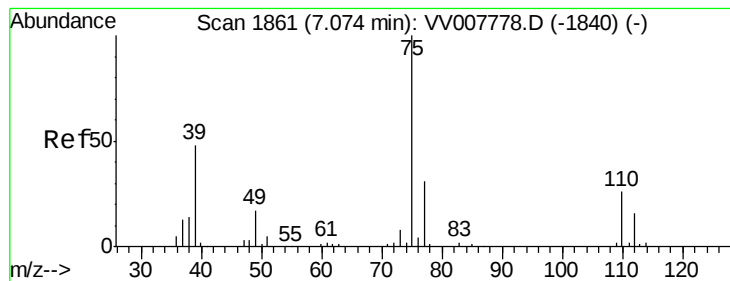
Tgt Ion: 83 Resp: 14148
Ion Ratio Lower Upper
83 100
55 0.0 54.6 82.0#
98 0.8 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 6.331 ug/L
RT: 6.13 min Scan# 1567
Delta R.T. -0.10 min
Lab File: VV007782.D
Acq: 23 Sep 2018 12:39

Tgt Ion: 63 Resp: 6537
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.941 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV007782.D

Acq: 23 Sep 2018 12:39

Instrument :

MSVOA_V

ClientSampleId :

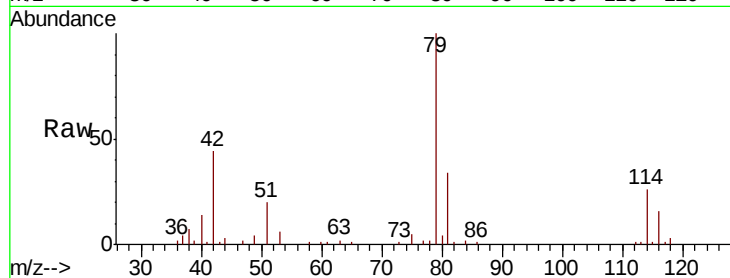
C08R6

Tgt Ion: 75 Resp: 1562

Ion Ratio Lower Upper

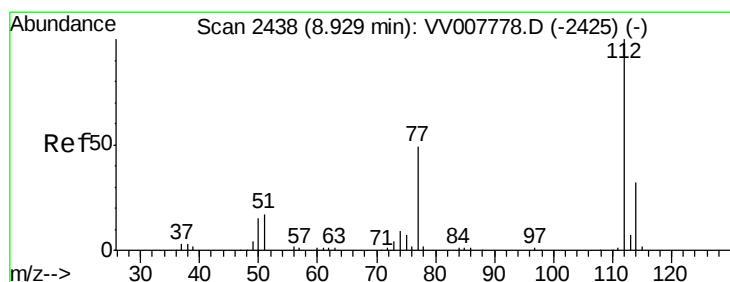
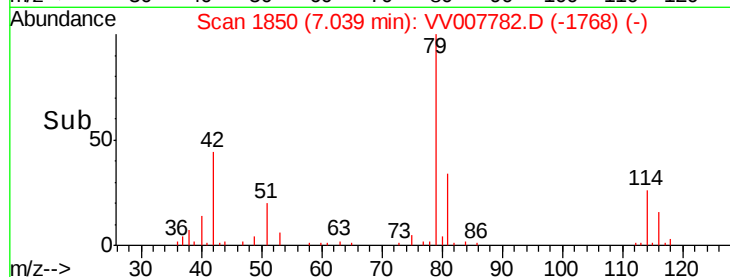
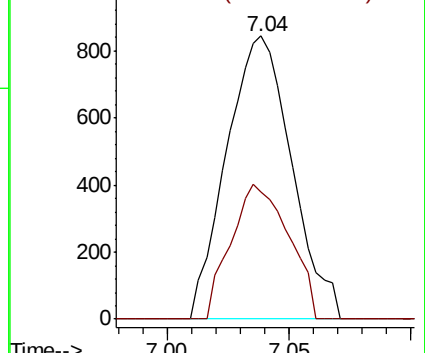
75 100

77 45.1 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#51

Chlorobenzene

Concen: 21.454 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007782.D

Acq: 23 Sep 2018 12:39

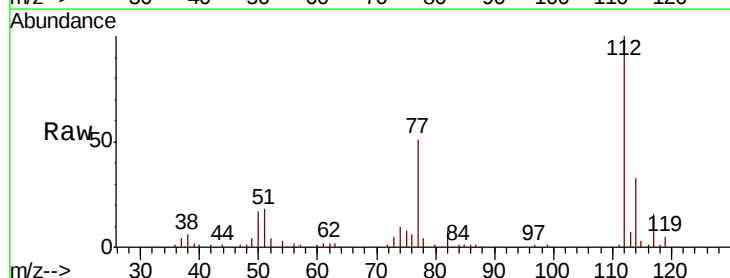
Tgt Ion: 112 Resp: 75125

Ion Ratio Lower Upper

112 100

114 32.9 22.3 41.3

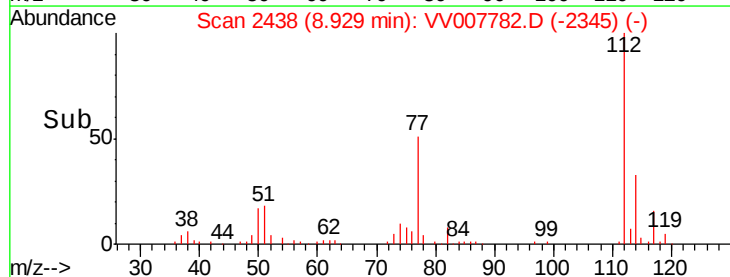
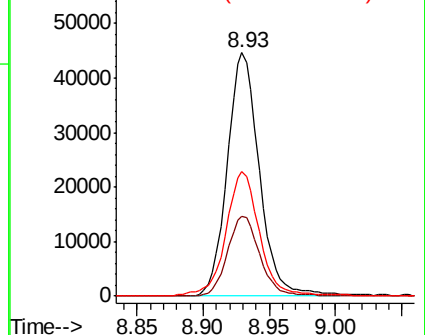
77 51.3 40.6 60.8

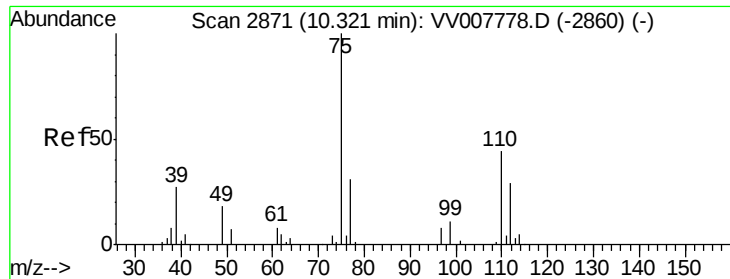


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 1.854 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.91 min

Lab File: VV007782.D

Acq: 23 Sep 2018 12:39

Instrument :

MSVOA_V

ClientSampled :

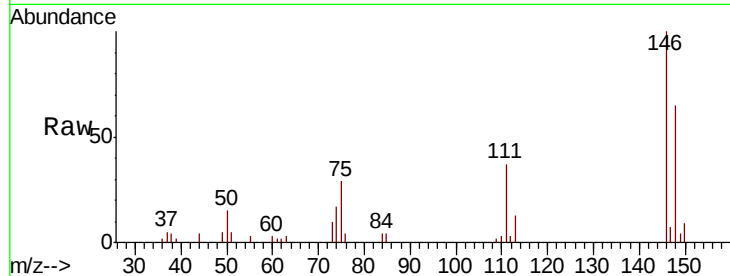
C08R6

Tgt Ion: 75 Resp: 2707

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VV007778.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VV007778.D (-2860) (-)

6000

5000

4000

3000

2000

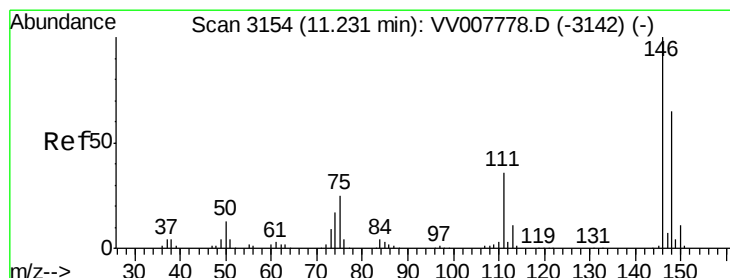
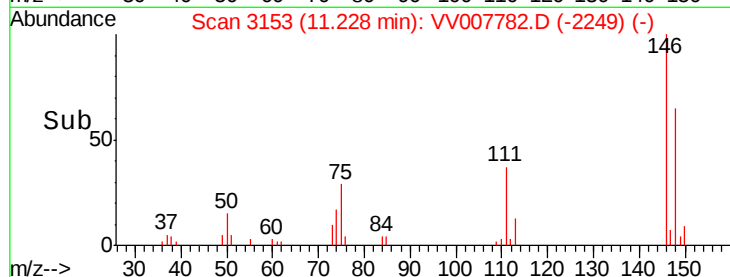
1000

0

11.20

11.25

Time-->



#62

1,3-Dichlorobenzene

Concen: 3.666 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007782.D

Acq: 23 Sep 2018 12:39

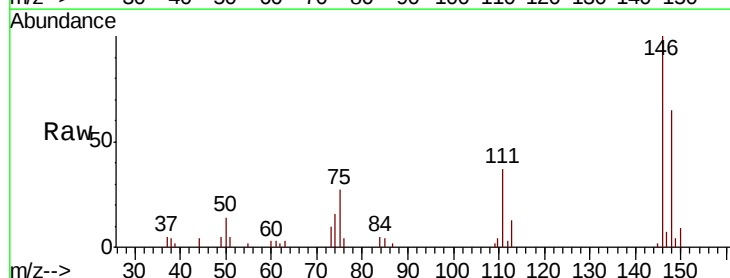
Tgt Ion: 146 Resp: 10889

Ion Ratio Lower Upper

146 100

111 36.6 25.1 46.7

148 65.4 45.1 83.9



Abundance Ion 146.00 (145.70 to 146.70): VV007778.D (-3142) (-)

Ion 111.00 (110.70 to 111.70): VV007778.D (-3142) (-)

Ion 148.00 (147.70 to 148.70): VV007778.D (-3142) (-)

100000

80000

60000

40000

20000

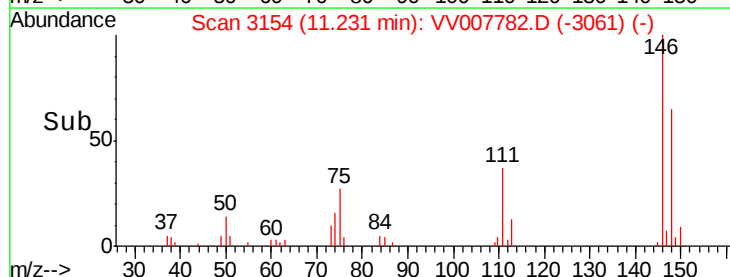
0

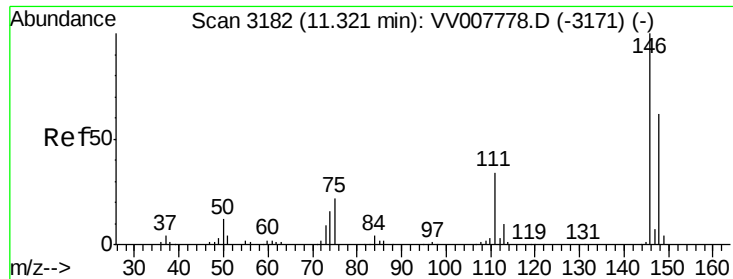
11.20

11.25

11.30

Time-->

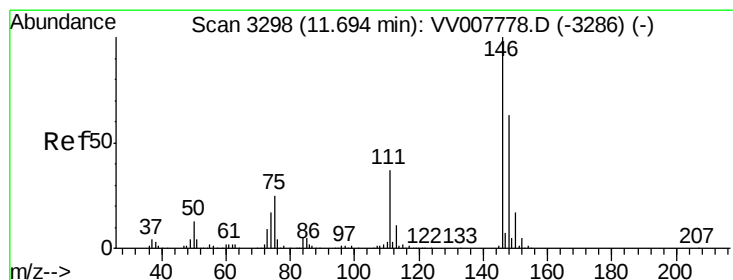
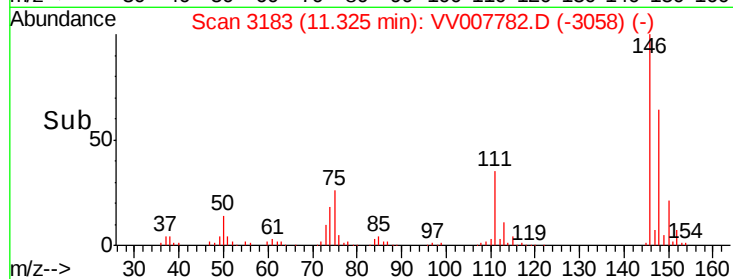
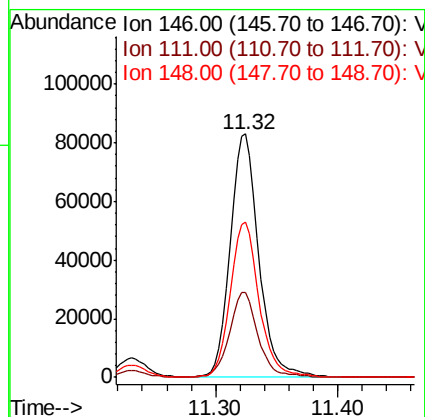
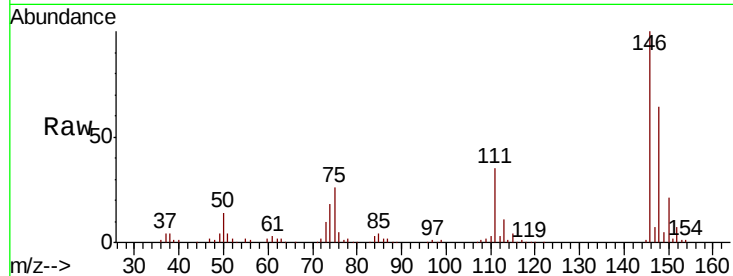




#63
 1,4-Dichlorobenzene
 Concen: 44.143 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007782.D
 Acq: 23 Sep 2018 12:39

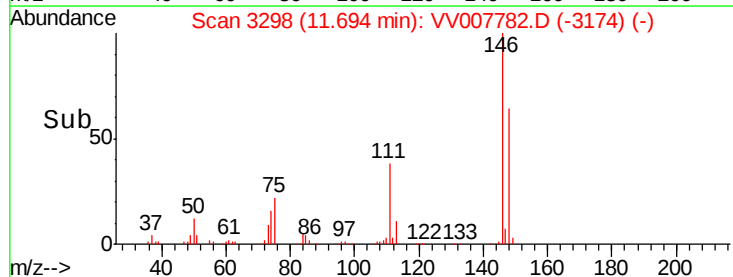
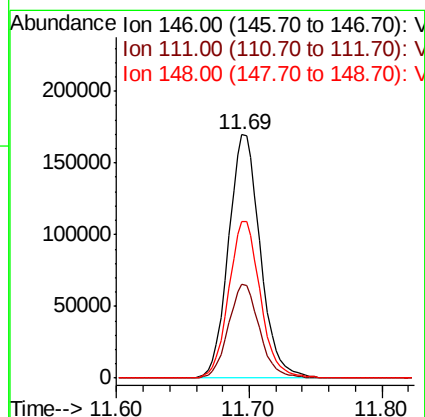
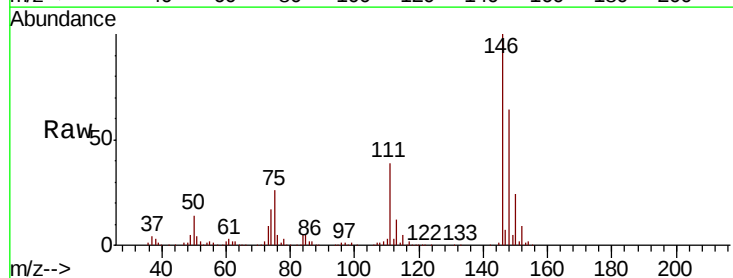
Instrument :
 MSVOA_V
 ClientSampleId :
 C08R6

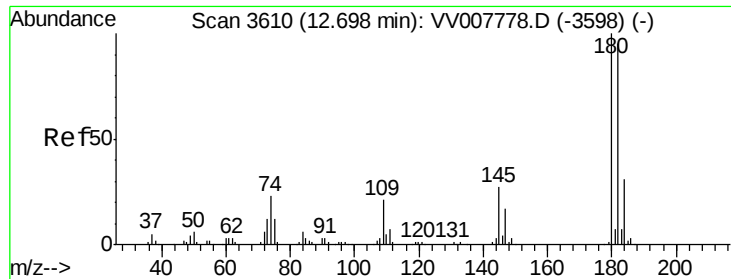
Tgt Ion:146 Resp: 136004
 Ion Ratio Lower Upper
 146 100
 111 35.0 24.4 45.4
 148 63.6 45.1 83.7



#65
 1,2-Dichlorobenzene
 Concen: 93.971 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV007782.D
 Acq: 23 Sep 2018 12:39

Tgt Ion:146 Resp: 282237
 Ion Ratio Lower Upper
 146 100
 111 38.7 29.8 44.8
 148 64.5 50.8 76.2

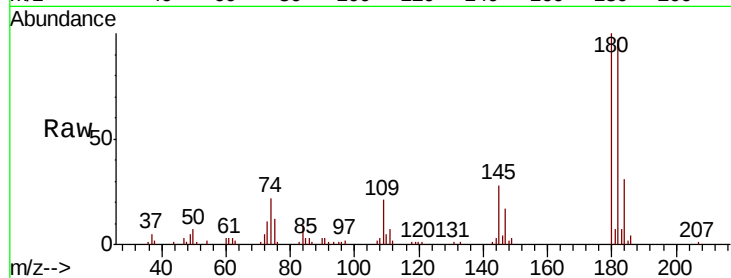




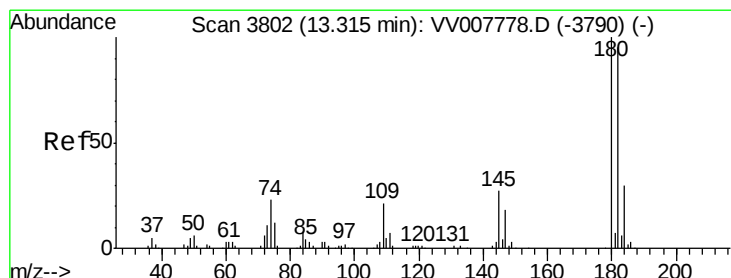
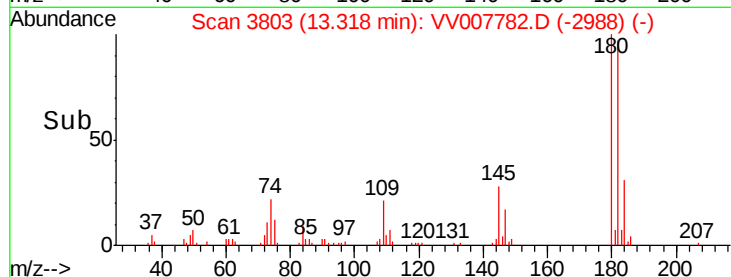
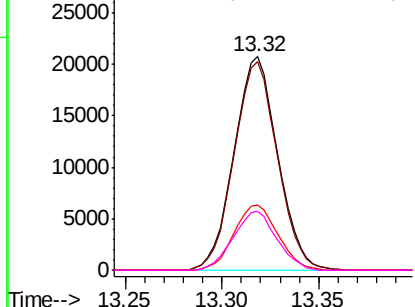
#67
 1,3,5-Trichlorobenzene
 Concen: 13.059 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.62 min
 Lab File: VV007782.D
 Acq: 23 Sep 2018 12:39

Instrument :
 MSVOA_V
 ClientSampleId :
 C08R6

Tgt Ion:180 Resp: 32579
 Ion Ratio Lower Upper
 180 100
 182 97.2 77.6 116.4
 184 30.7 24.7 37.1
 145 27.5 21.8 32.8

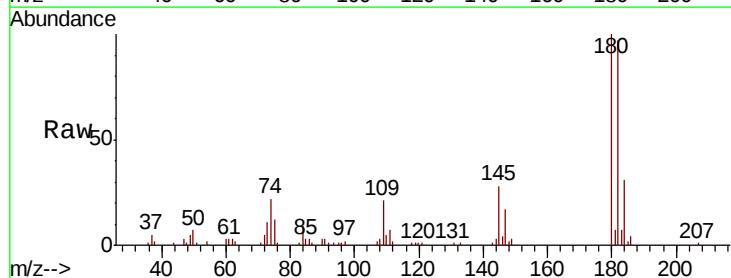


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

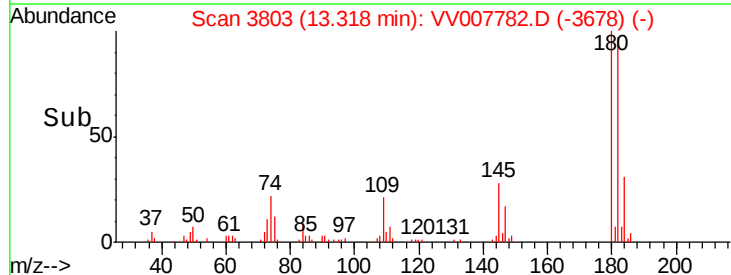
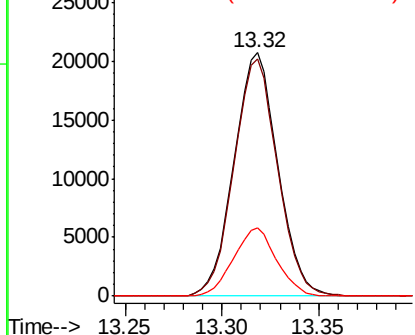


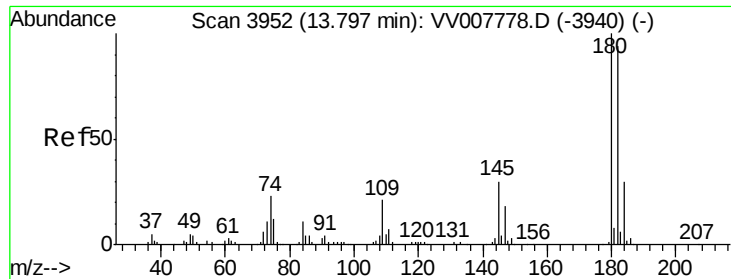
#68
 1,2,4-trichlorobenzene
 Concen: 14.551 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.00 min
 Lab File: VV007782.D
 Acq: 23 Sep 2018 12:39

Tgt Ion:180 Resp: 32579
 Ion Ratio Lower Upper
 180 100
 182 97.2 77.0 115.6
 145 27.5 22.2 33.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 3.849 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.01 min
 Lab File: VV007782.D
 Acq: 23 Sep 2018 12:39

Instrument :
 MSVOA_V
 ClientSampleId :
 C08R6

Tgt Ion:	180	Resp:	8710
Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.4	116.2
145	30.1	23.3	34.9

