

Data File : VV008720.D
Acq On : 26 Nov 2018 18:38
Operator : SY/MD
Sample : VIBLK52
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK52

Quant Time: Nov 27 03:15:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	282196	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	254881	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101296	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81668	41.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.04%
7) Chloroethane-d5	1.56	69	63149	58.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.14%
11) 1,1-Dichloroethene-d2	2.13	63	113174	34.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.88%
21) 2-Butanone-d5	3.93	46	145958	89.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.95%
24) Chloroform-d	4.40	84	180531	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.54%
26) 1,2-Dichloroethane-d4	5.08	65	121147	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
32) Benzene-d6	5.10	84	379824	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	118974	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.00%
41) Toluene-d8	7.36	98	334727	47.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.08%
43) trans-1,3-Dichloropropene-	7.67	79	48906	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.24%
47) 2-Hexanone-d5	8.13	63	98315	87.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.73%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	149618	44.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.52%
64) 1,2-Dichlorobenzene-d4	11.68	152	112936	51.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.16%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.13	101	1183	0.428	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1183	0.741	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	1095	0.764	ug/L #	1
37) 1,2-Dichloropropane	6.12	63	13576	6.134	ug/L #	94
44) trans-1,3-Dichloropropene	7.67	75	2156	0.753	ug/L #	62
51) Chlorobenzene	8.93	112	13509	2.492	ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	14873	5.305	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	1270	0.374	ug/L	84
63) 1,4-Dichlorobenzene	11.32	146	10443	3.019	ug/L	91
65) 1,2-Dichlorobenzene	11.69	146	9029	2.577	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	1423	0.794	ug/L #	84

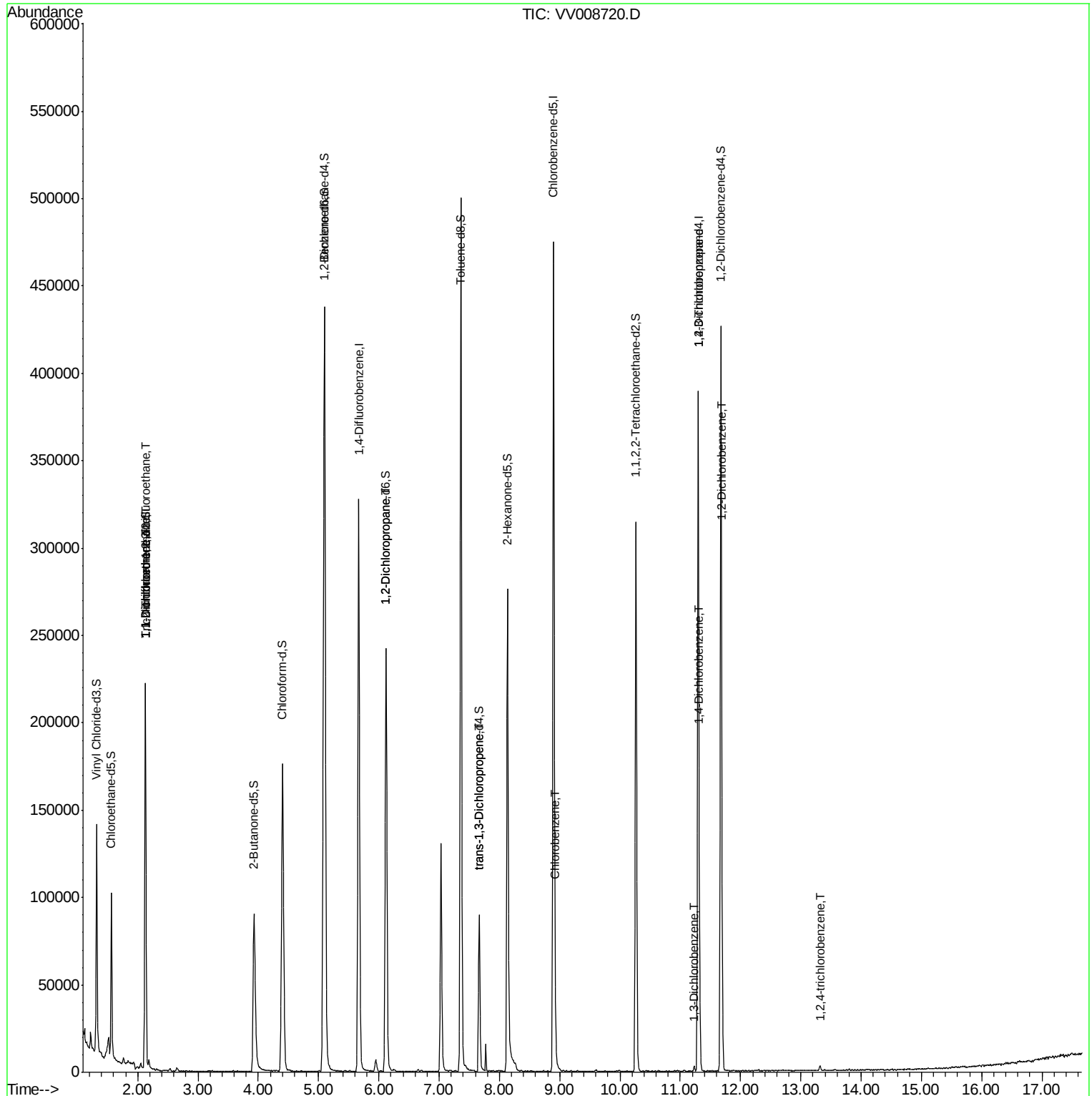
(#) = qualifier out of range (m) = manual integration (+) = signals summed

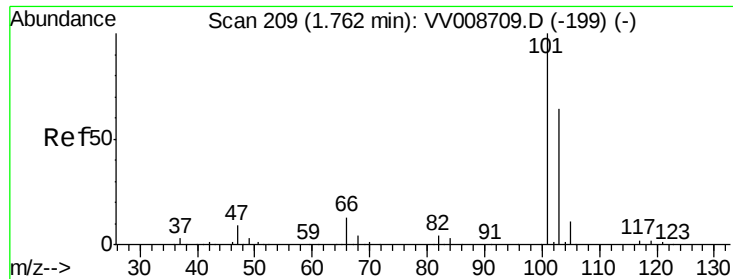
Data File : VV008720.D

```
Acq On       : 26 Nov 2018   18:38
Operator    : SY/MD
Sample      : VIBLK52
Misc       : 5.0 mL/MSVOA_V/WATER
ALS Vial    : 14      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
VIBLK52

Quant Time: Nov 27 03:15:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.428 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.36 min

Lab File: VV008720.D

Acq: 26 Nov 2018 18:38

Instrument :

MSVOA_V

ClientSampleId :

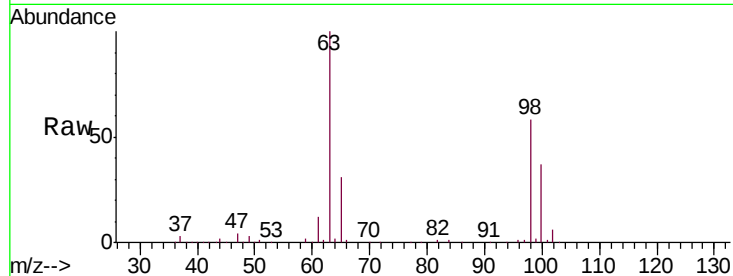
VIBLK52

Tgt Ion:101 Resp: 1183

Ion Ratio Lower Upper

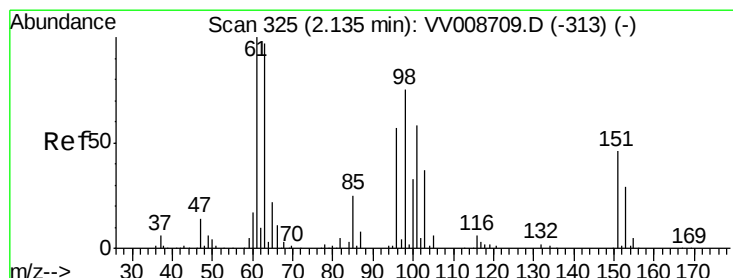
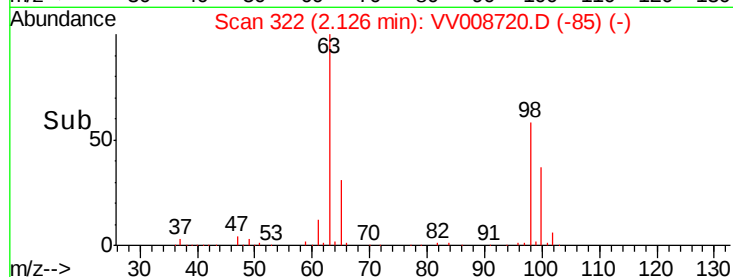
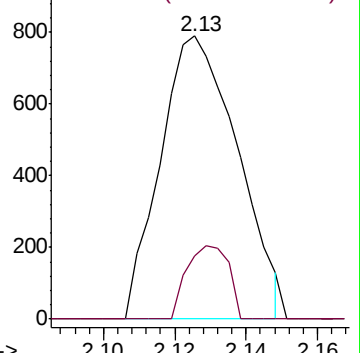
101 100

103 14.0 50.2 75.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.741 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV008720.D

Acq: 26 Nov 2018 18:38

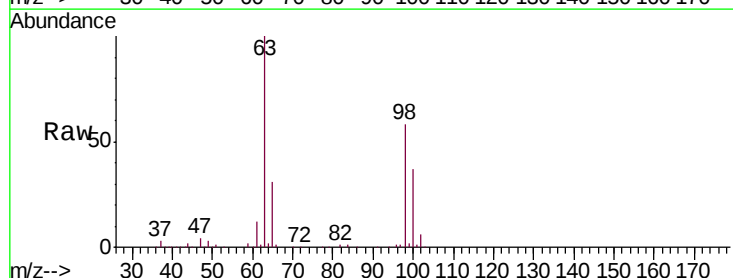
Tgt Ion:101 Resp: 1183

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

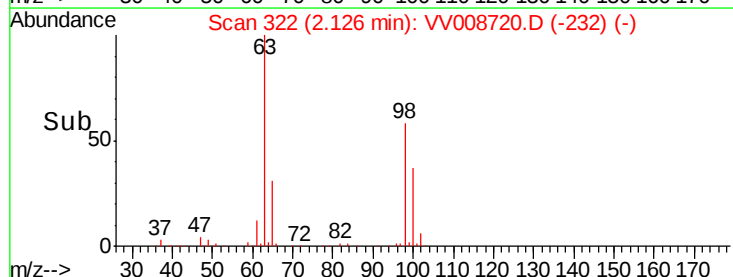
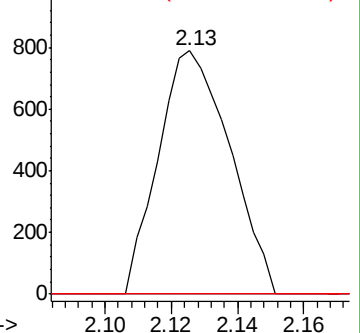
151 0.0 63.8 95.8#

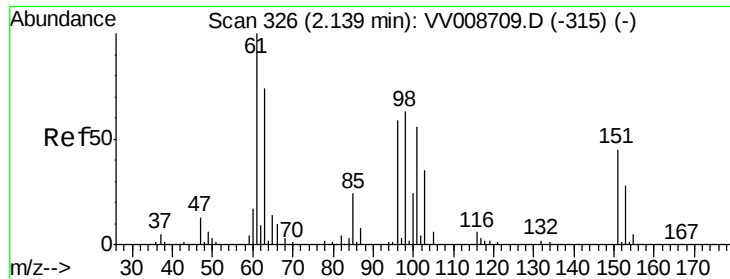


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.764 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008720.D

Acq: 26 Nov 2018 18:38

Instrument :

MSVOA_V

ClientSampled :

VIBLK52

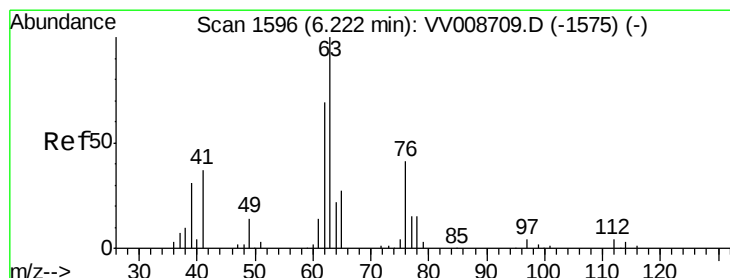
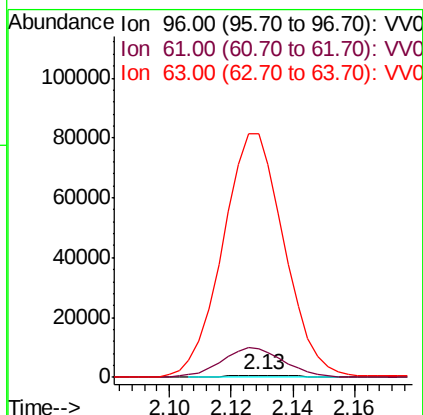
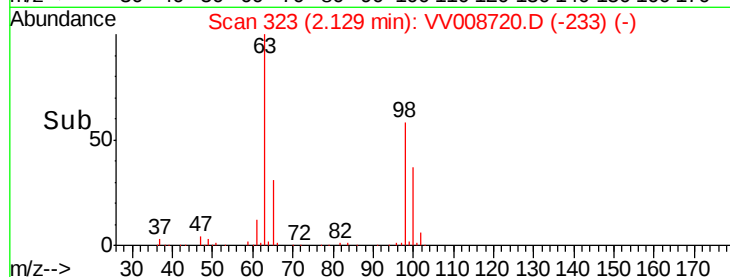
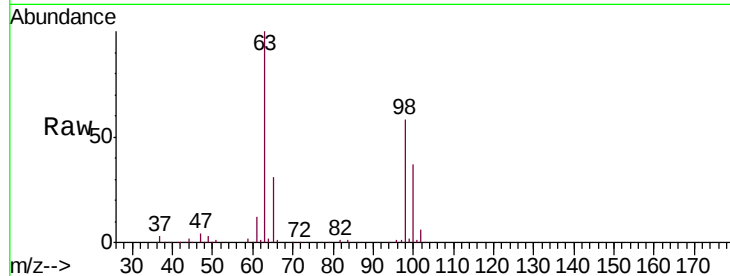
Tgt Ion: 96 Resp: 1095

Ion Ratio Lower Upper

96 100

61 1361.5 120.3 223.3#

63 11474.2 113.3 210.5#



#37

1,2-Dichloropropane

Concen: 6.134 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008720.D

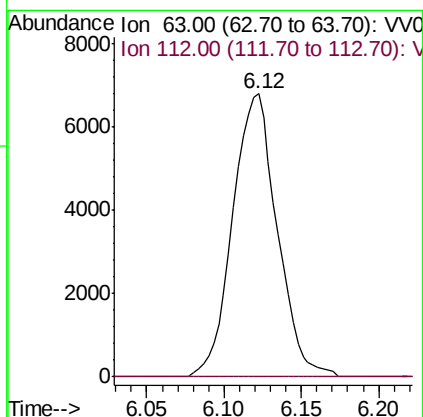
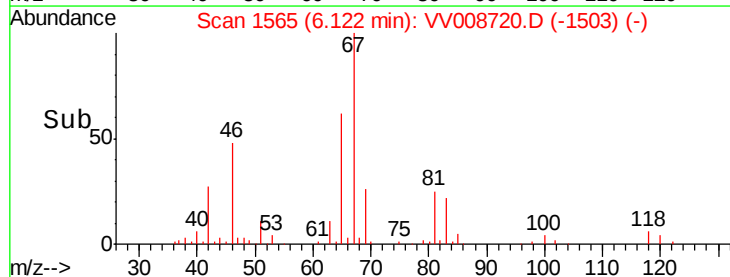
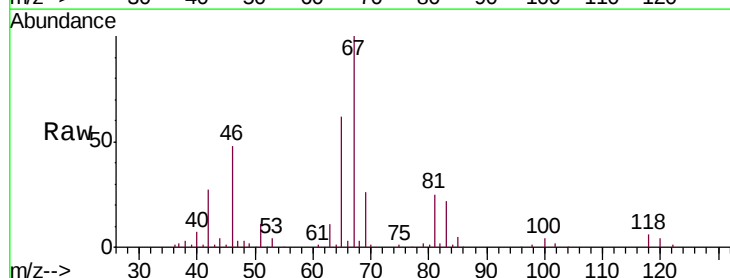
Acq: 26 Nov 2018 18:38

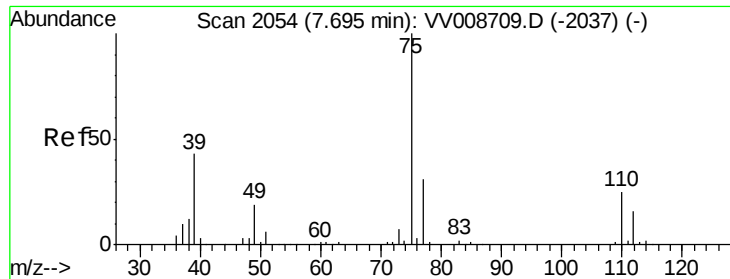
Tgt Ion: 63 Resp: 13576

Ion Ratio Lower Upper

63 100

112 0.0 1.6 2.4#





#44

trans-1,3-Dichloropropene

Concen: 0.753 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008720.D

Acq: 26 Nov 2018 18:38

Instrument :

MSVOA_V

ClientSampleId :

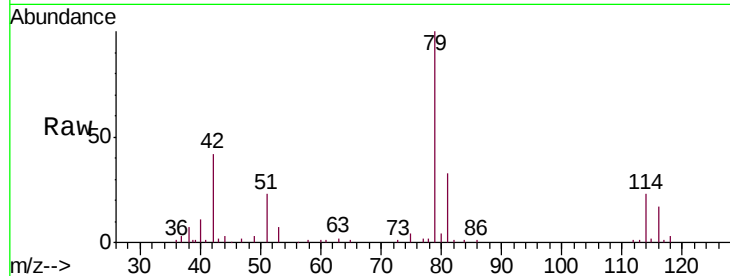
VIBLK52

Tgt Ion: 75 Resp: 2156

Ion Ratio Lower Upper

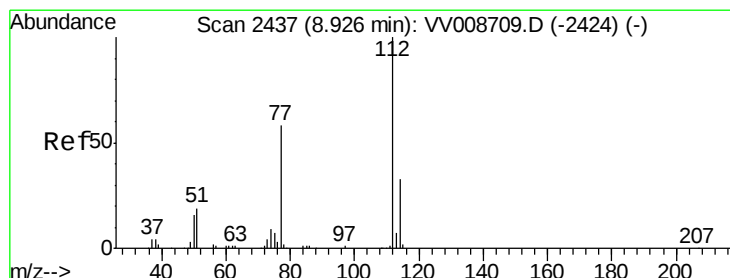
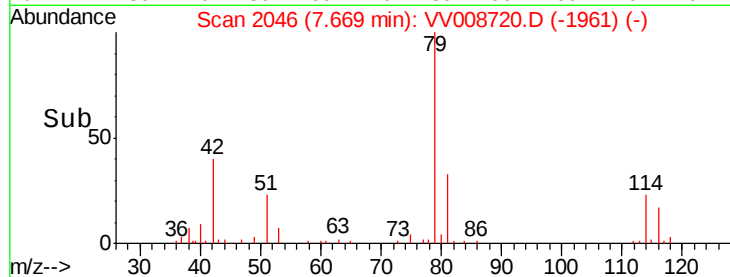
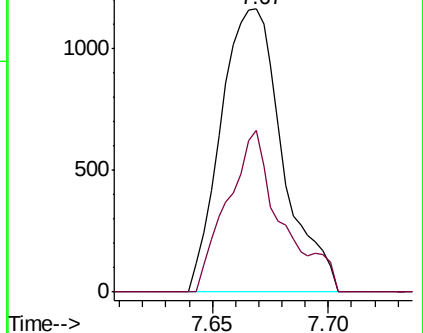
75 100

77 57.3 24.6 45.8#



Abundance Ion 75.00 (74.70 to 75.70): VV008709.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV008709.D (-2037) (-)



#51

Chlorobenzene

Concen: 2.492 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV008720.D

Acq: 26 Nov 2018 18:38

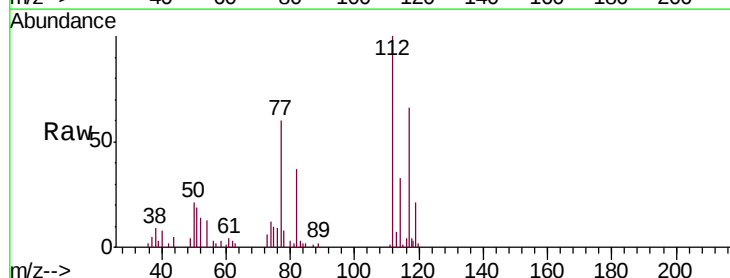
Tgt Ion: 112 Resp: 13509

Ion Ratio Lower Upper

112 100

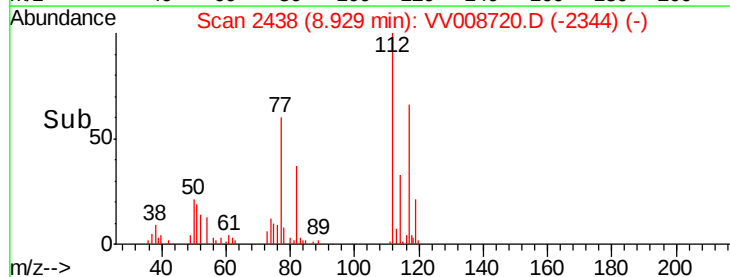
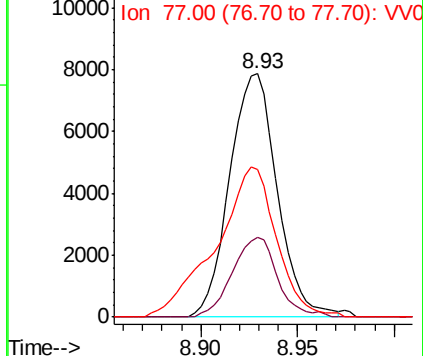
114 32.7 22.9 42.5

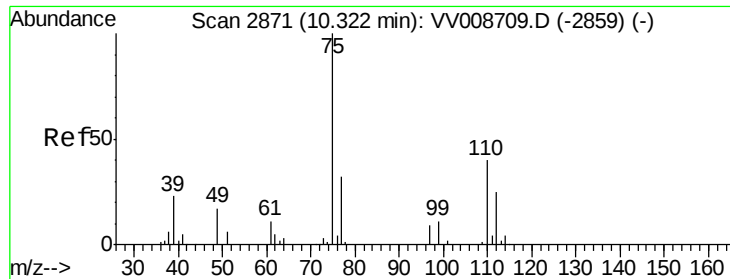
77 60.5 53.8 80.6



Abundance Ion 112.00 (111.70 to 112.70): VV008709.D (-2424) (-)

Ion 114.00 (113.70 to 114.70): VV008709.D (-2424) (-)

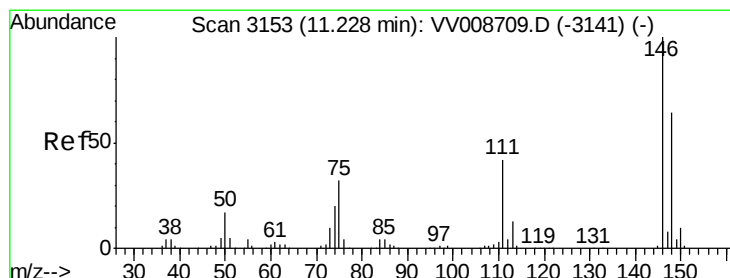
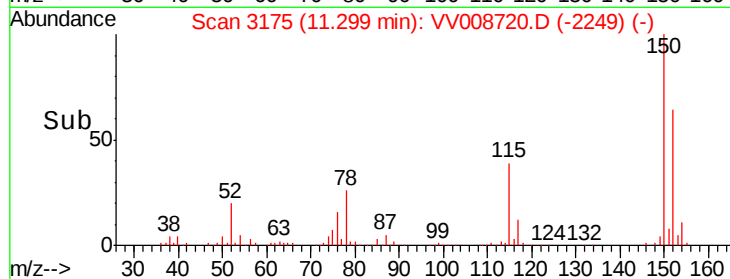
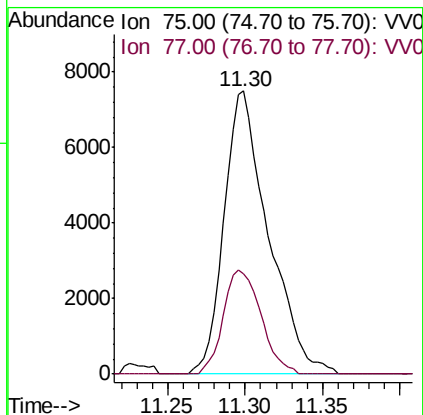
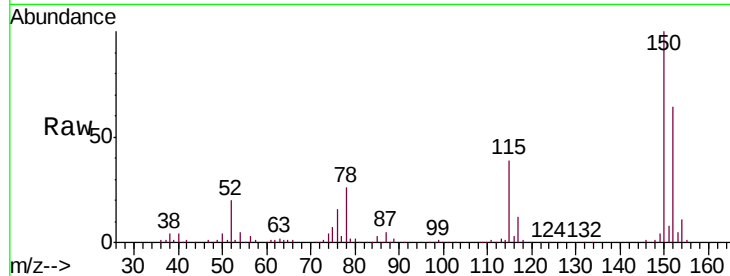




#59
 1,2,3-Trichloropropane
 Concen: 5.305 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV008720.D
 Acq: 26 Nov 2018 18:38

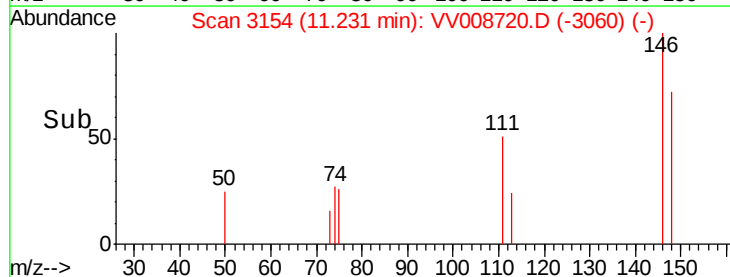
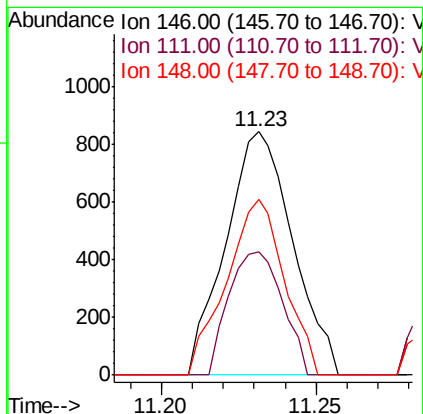
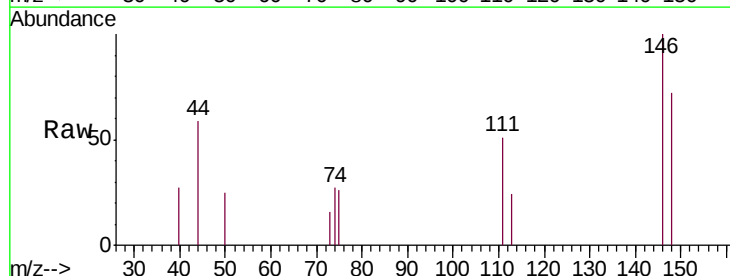
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK52

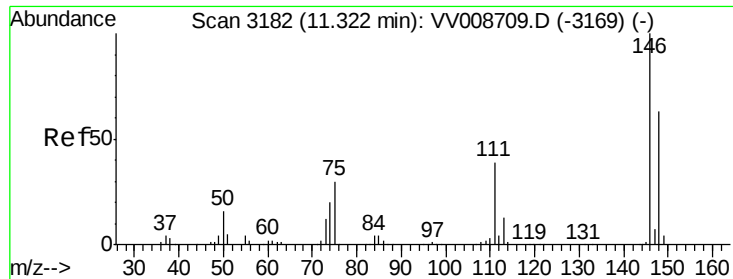
Tgt Ion: 75 Resp: 14873
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.0 39.0



#62
 1,3-Dichlorobenzene
 Concen: 0.374 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV008720.D
 Acq: 26 Nov 2018 18:38

Tgt Ion: 146 Resp: 1270
 Ion Ratio Lower Upper
 146 100
 111 50.7 27.9 51.7
 148 72.2 42.7 79.3





#63

1,4-Dichlorobenzene

Concen: 3.019 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VV008720.D

Acq: 26 Nov 2018 18:38

Instrument :

MSVOA_V

ClientSampleId :

VIBLK52

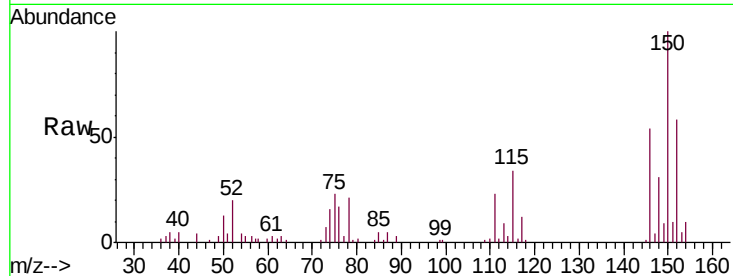
Tgt Ion:146 Resp: 10443

Ion Ratio Lower Upper

146 100

111 43.7 27.7 51.5

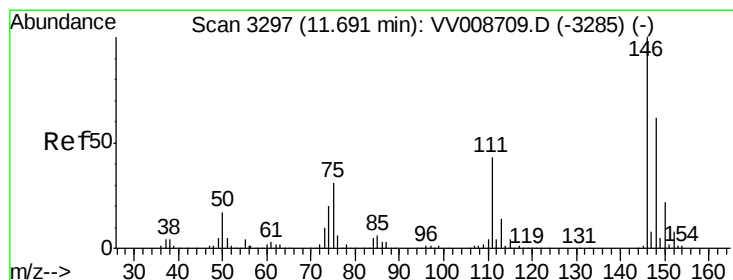
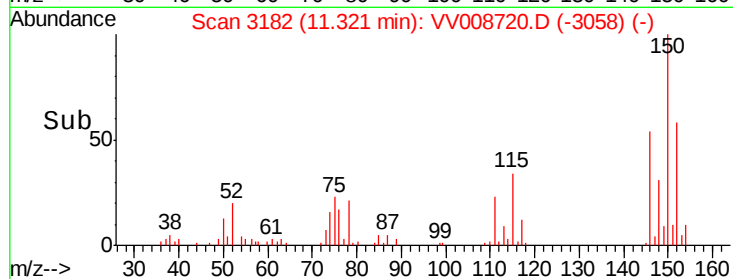
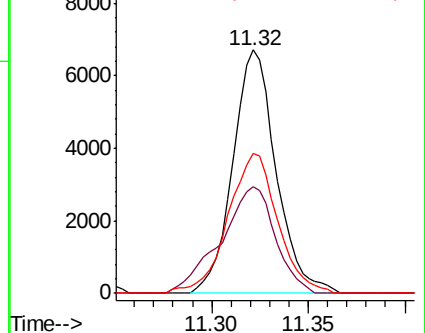
148 57.6 46.4 86.2



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



#65

1,2-Dichlorobenzene

Concen: 2.577 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV008720.D

Acq: 26 Nov 2018 18:38

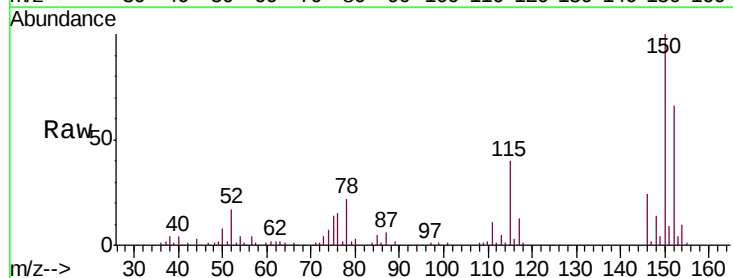
Tgt Ion:146 Resp: 9029

Ion Ratio Lower Upper

146 100

111 45.5 36.5 54.7

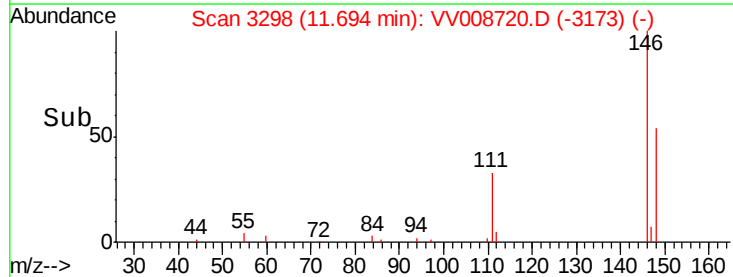
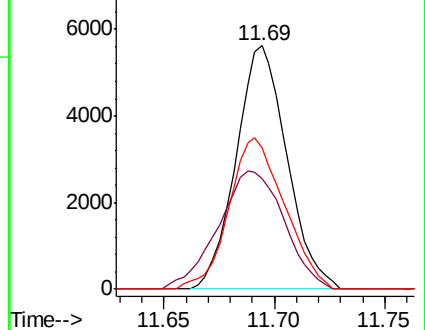
148 58.2 48.7 73.1

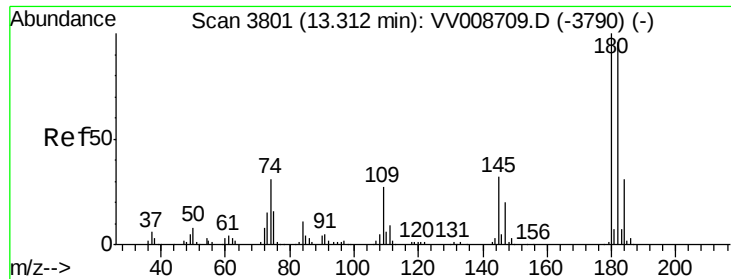


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68
 1,2,4-trichlorobenzene
 Concen: 0.794 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.01 min
 Lab File: VV008720.D
 Acq: 26 Nov 2018 18:38

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK52

Tgt Ion:180 Resp: 1423
 Ion Ratio Lower Upper
 180 100
 182 80.3 75.7 113.5
 145 23.9 28.0 42.0#

