

Data File : VV008712.D
Acq On : 26 Nov 2018 14:00
Operator : SY/MD
Sample : J6036-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0923

Quant Time: Nov 27 03:13:51 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	262168	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	244175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	112006	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82210	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.90%
7) Chloroethane-d5	1.57	69	61336	60.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.42%
11) 1,1-Dichloroethene-d2	2.13	63	117463	38.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.96%
21) 2-Butanone-d5	3.93	46	143975	95.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.51%
24) Chloroform-d	4.41	84	184961	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
26) 1,2-Dichloroethane-d4	5.08	65	122187	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.98%
32) Benzene-d6	5.10	84	386968	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
36) 1,2-Dichloropropane-d6	6.12	67	121468	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.32%
41) Toluene-d8	7.36	98	348283	51.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.18%
43) trans-1,3-Dichloropropene-	7.67	79	52686	49.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.22%
47) 2-Hexanone-d5	8.13	63	102287	95.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	155403	47.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.98%
64) 1,2-Dichlorobenzene-d4	11.30	152	101543	41.53	ug/L	-0.38
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.06%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.13	101	1072	0.417	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1072	0.723	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	899	0.675	ug/L #	1
13) Acetone	2.19	43	25386	17.019	ug/L	96
33) Benzene	5.15	78	8492	1.082	ug/L	100
37) 1,2-Dichloropropane	6.12	63	13244	6.246	ug/L #	94
39) cis-1,3-Dichloropropene	7.03	75	3279	1.088	ug/L #	52
44) trans-1,3-Dichloropropene	7.67	75	2358	0.860	ug/L	99
48) 2-Hexanone	8.13	43	12107	5.186	ug/L #	71
51) Chlorobenzene	8.93	112	213171	41.043	ug/L	93
59) 1,2,3-Trichloropropane	11.23	75	6912	2.574	ug/L #	42
62) 1,3-Dichlorobenzene	11.23	146	21897	5.834	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	165841	43.356	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	1038109	267.975	ug/L	96
67) 1,3,5-Trichlorobenzene	13.31	180	104644	40.046	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	104644	52.773	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	62084	30.449	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112618\
Quantitation Report (Not Reviewed)

Data File : VV008712.D
Acq On : 26 Nov 2018 14:00
Operator : SY/MD
Sample : J6036-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0923

Quant Time: Nov 27 03:13:51 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

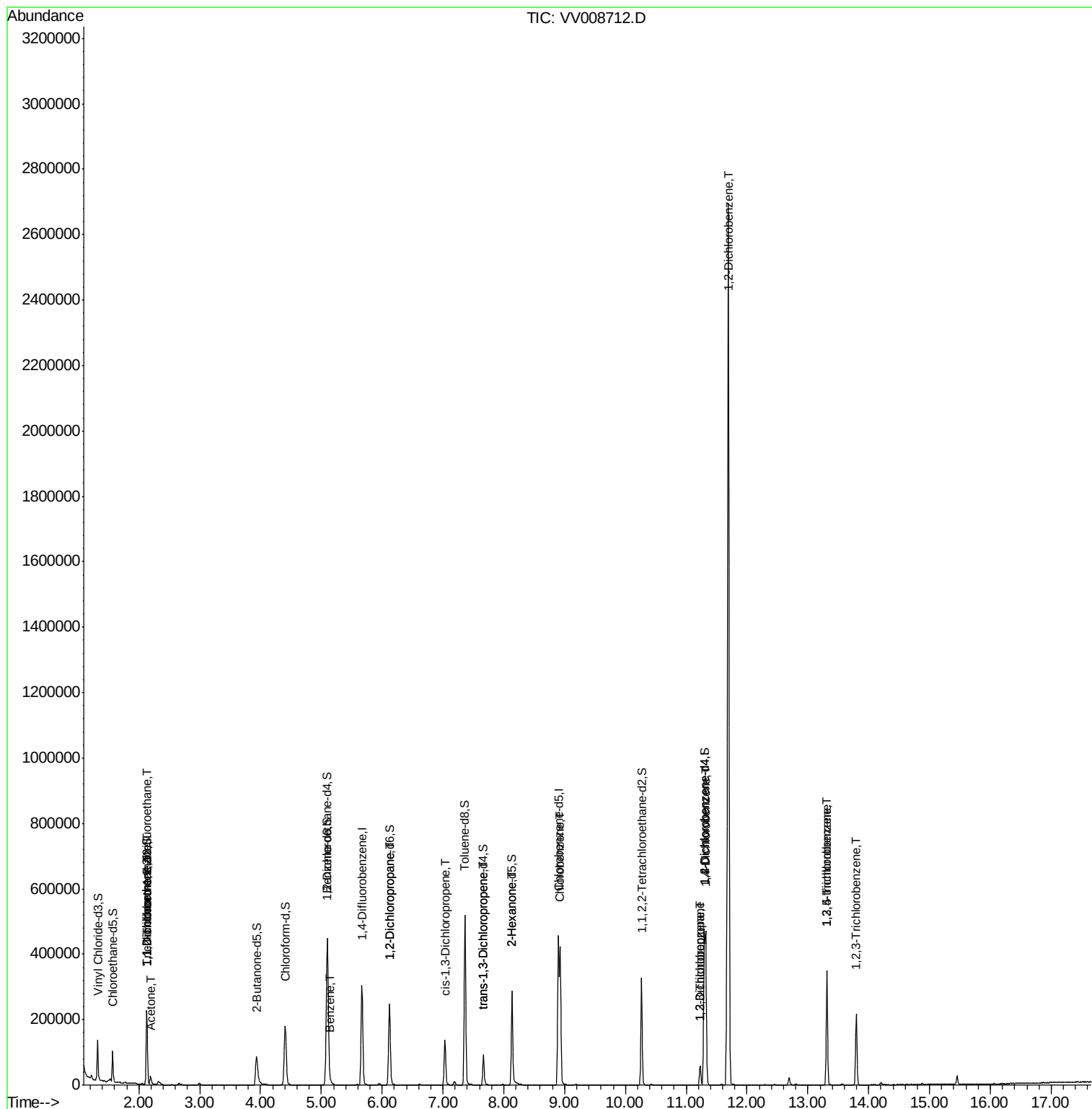
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

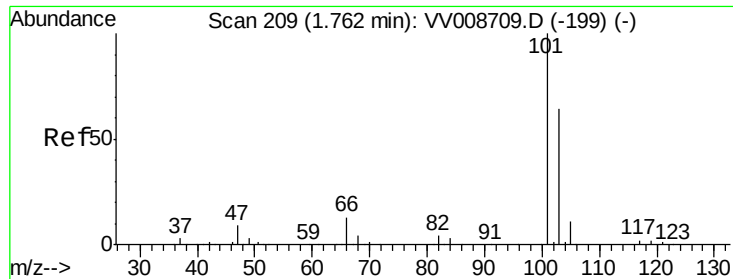
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV008712.D
Acq On : 26 Nov 2018 14:00
Operator : SY/MD
Sample : J6036-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0923

Quant Time: Nov 27 03:13:51 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





#9

Trichlorofluoromethane

Concen: 0.417 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008712.D

Acq: 26 Nov 2018 14:00

Instrument :

MSVOA_V

ClientSampleId :

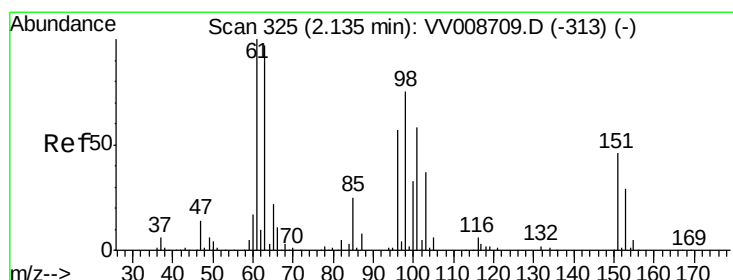
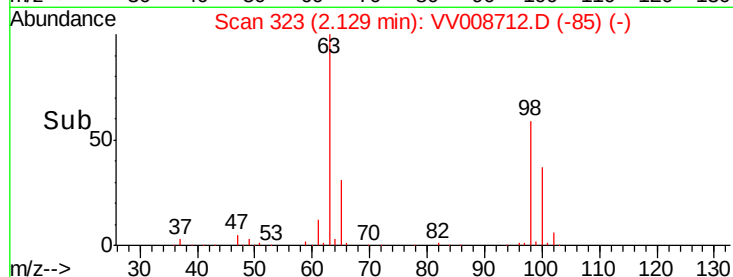
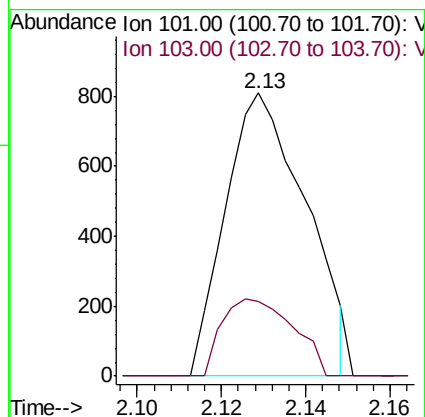
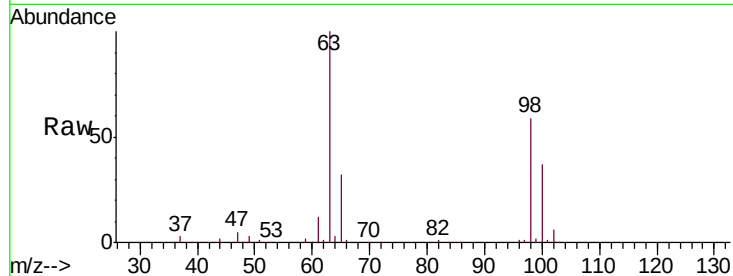
C0923

Tgt Ion:101 Resp: 1072

Ion Ratio Lower Upper

101 100

103 24.2 50.2 75.4#



#10

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

Concen: 0.723 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008712.D

Acq: 26 Nov 2018 14:00

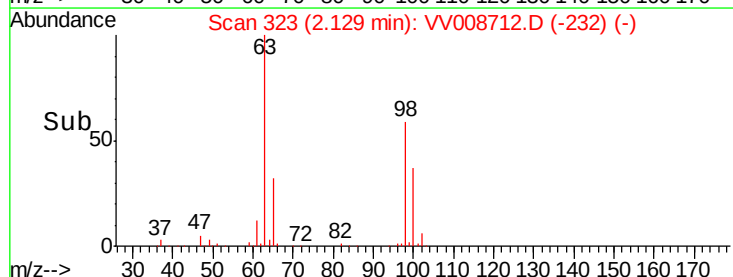
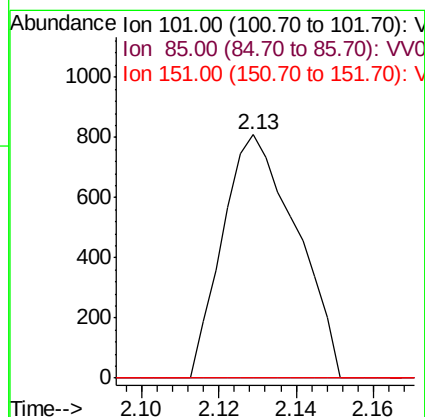
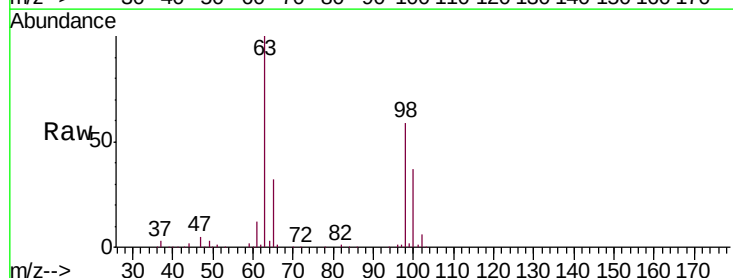
Tgt Ion:101 Resp: 1072

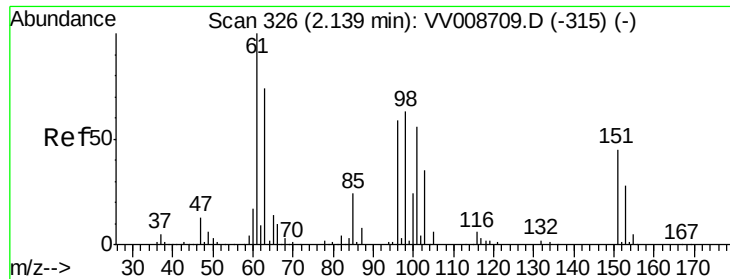
Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

151 0.0 63.8 95.8#

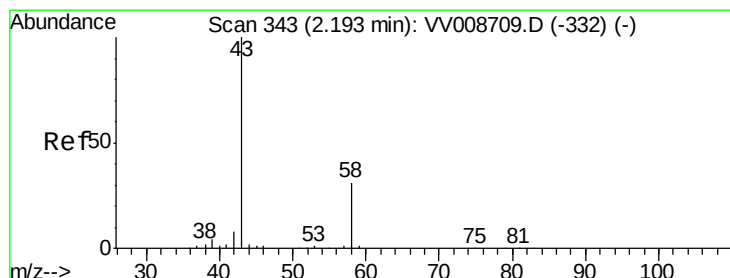
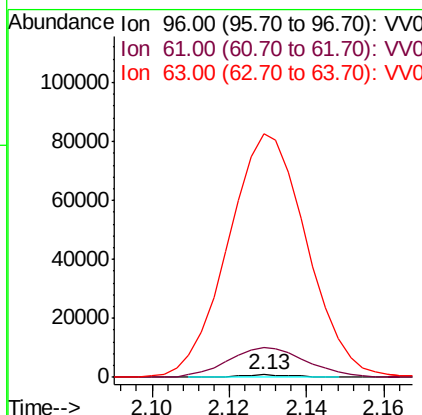
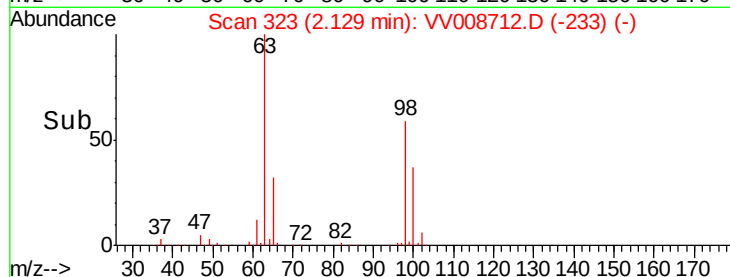
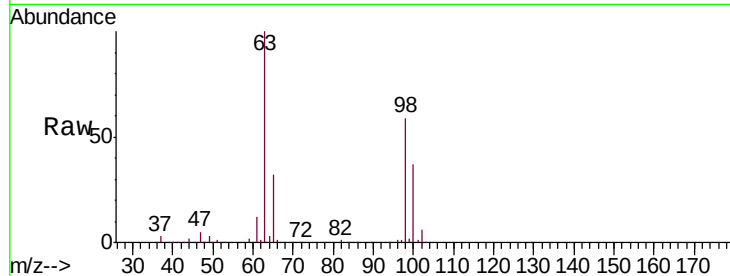




#12
 1,1-Dichloroethene
 Concen: 0.675 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008712.D
 Acq: 26 Nov 2018 14:00

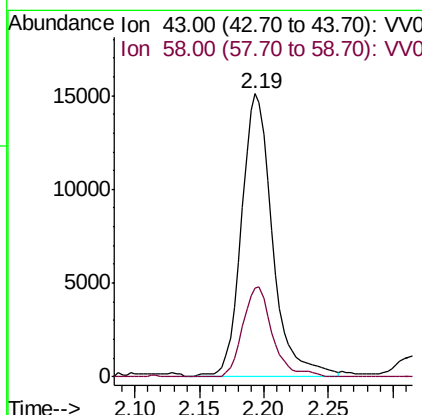
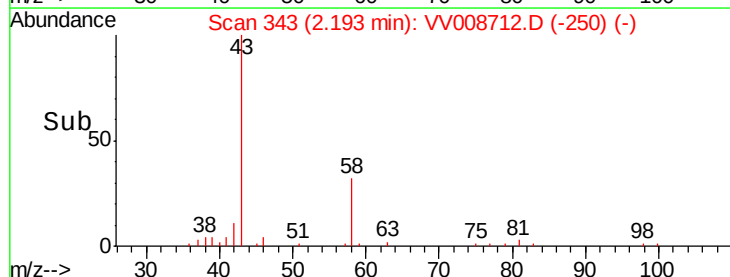
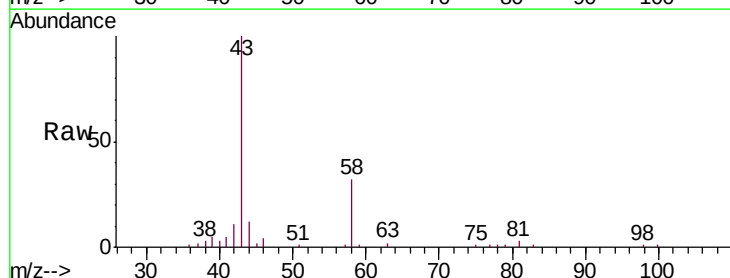
Instrument :
 MSVOA_V
 ClientSampleId :
 C0923

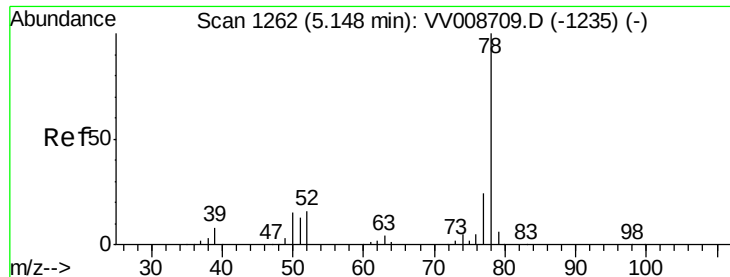
Tgt Ion: 96 Resp: 899
 Ion Ratio Lower Upper
 96 100
 61 1275.8 120.3 223.3#
 63 10403.0 113.3 210.5#



#13
 Acetone
 Concen: 17.019 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VV008712.D
 Acq: 26 Nov 2018 14:00

Tgt Ion: 43 Resp: 25386
 Ion Ratio Lower Upper
 43 100
 58 29.4 0.0 62.8





#33

Benzene

Concen: 1.082 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV008712.D

Acq: 26 Nov 2018 14:00

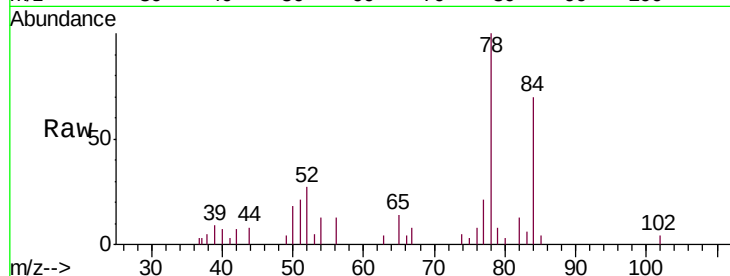
Instrument :

MSVOA_V

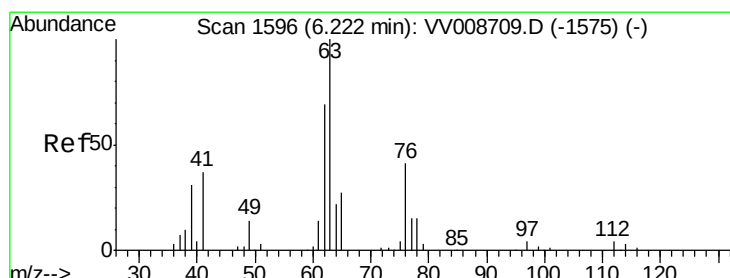
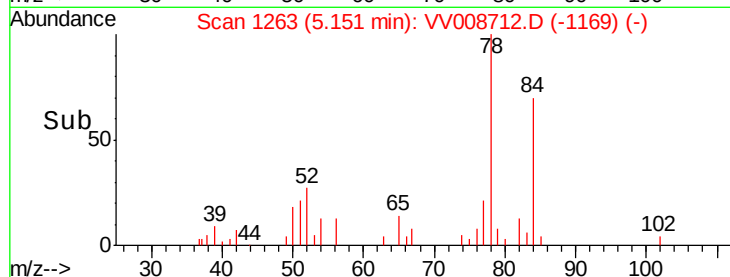
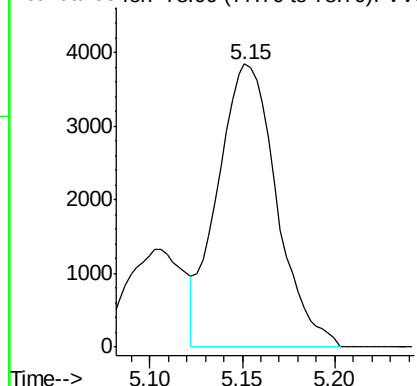
ClientSampleId :

C0923

Tgt Ion: 78 Resp: 8492



Abundance Ion 78.00 (77.70 to 78.70): VV0



#37

1,2-Dichloropropane

Concen: 6.246 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008712.D

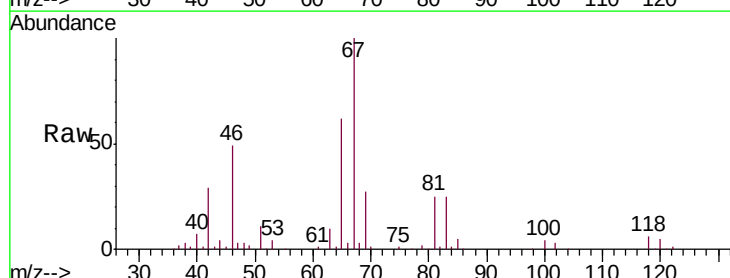
Acq: 26 Nov 2018 14:00

Tgt Ion: 63 Resp: 13244

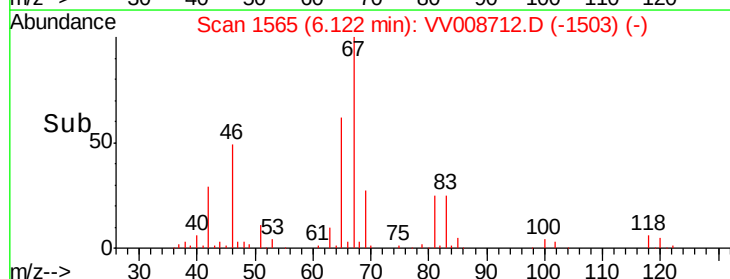
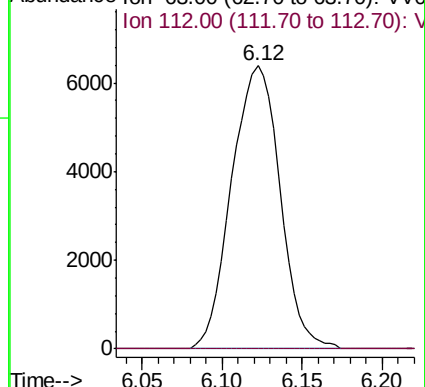
Ion Ratio Lower Upper

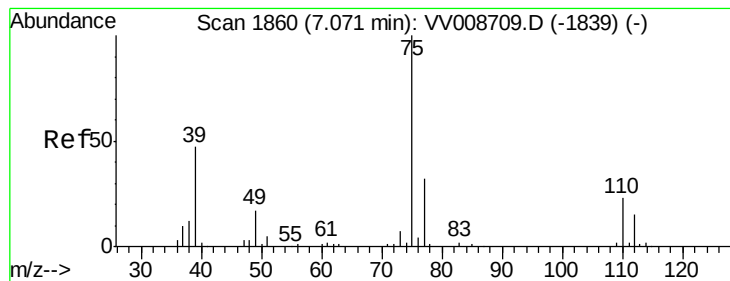
63 100

112 0.0 1.6 2.4#



Abundance Ion 63.00 (62.70 to 63.70): VV0





#39

cis-1,3-Dichloropropene

Concen: 1.088 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008712.D

Acq: 26 Nov 2018 14:00

Instrument :

MSVOA_V

ClientSampleId :

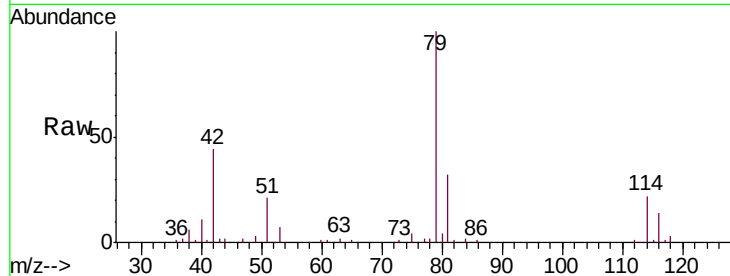
C0923

Tgt Ion: 75 Resp: 3279

Ion Ratio Lower Upper

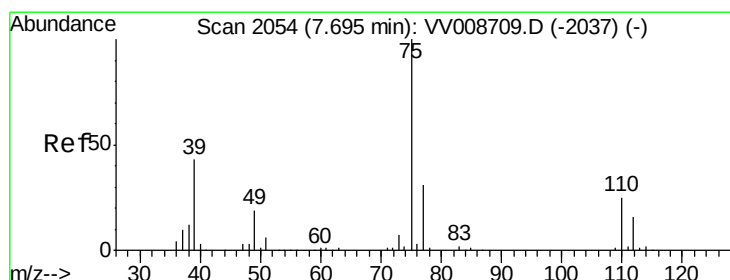
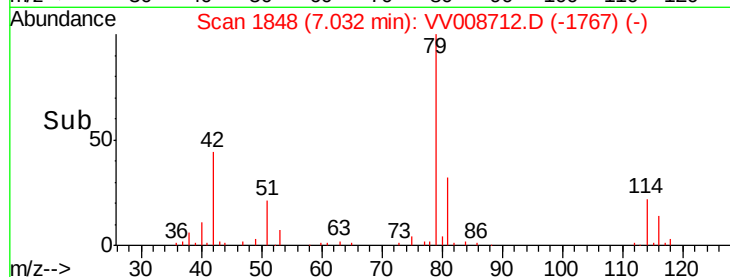
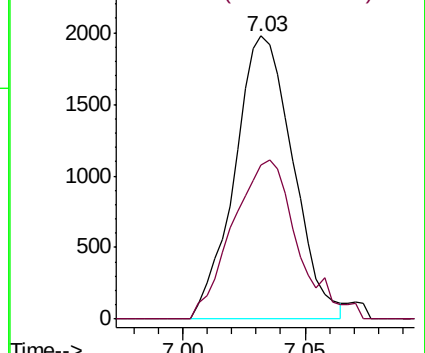
75 100

77 54.3 20.2 37.4#



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: 0.860 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008712.D

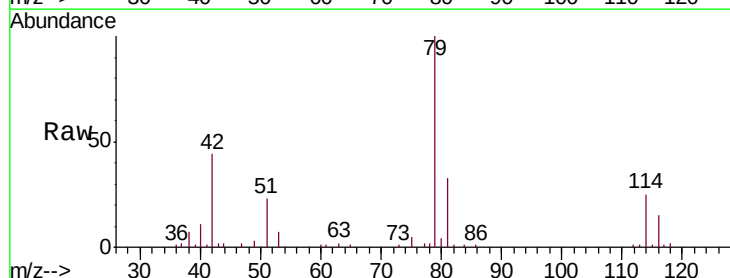
Acq: 26 Nov 2018 14:00

Tgt Ion: 75 Resp: 2358

Ion Ratio Lower Upper

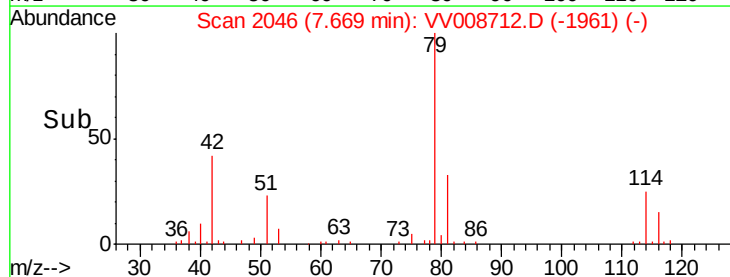
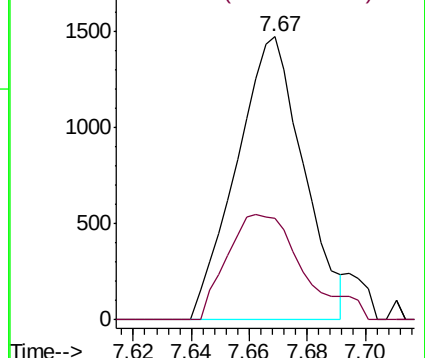
75 100

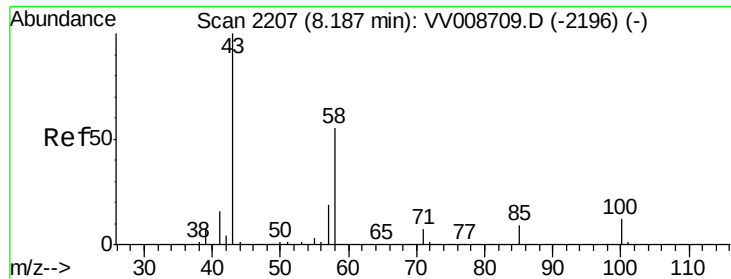
77 35.8 24.6 45.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

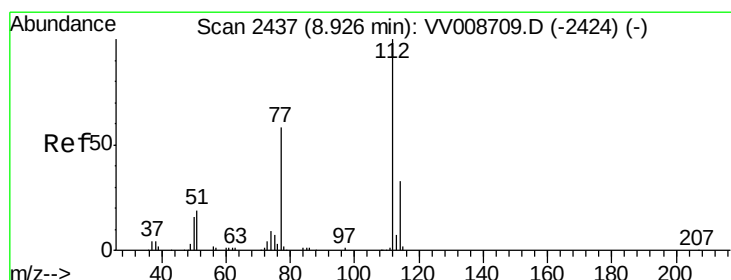
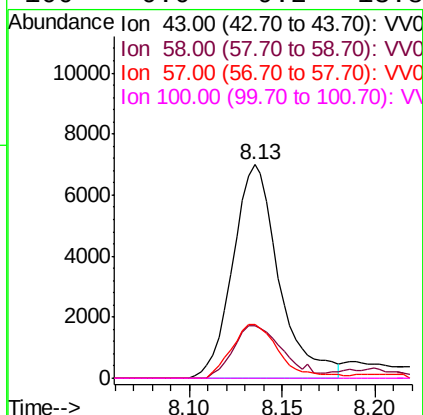
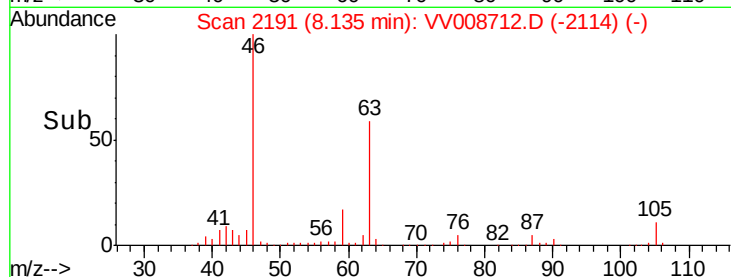
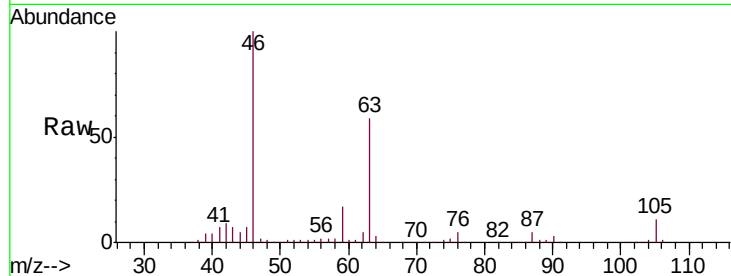




#48
2-Hexanone
Concen: 5.186 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV008712.D
Acq: 26 Nov 2018 14:00

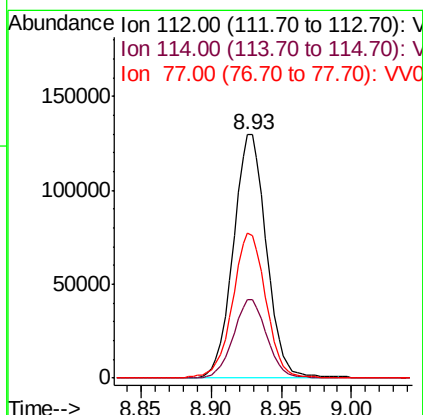
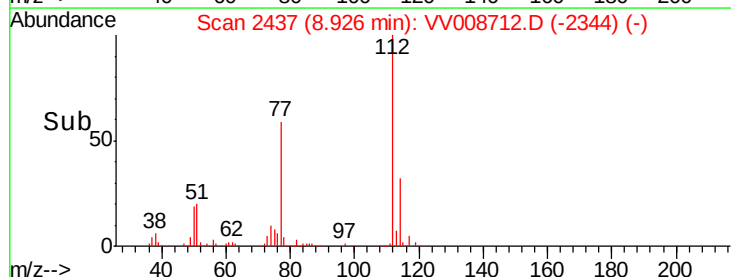
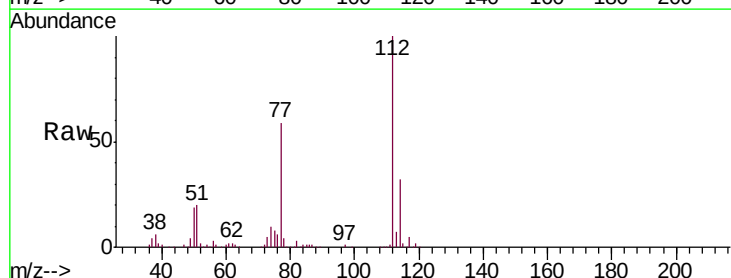
Instrument :
MSVOA_V
ClientSampleId :
C0923

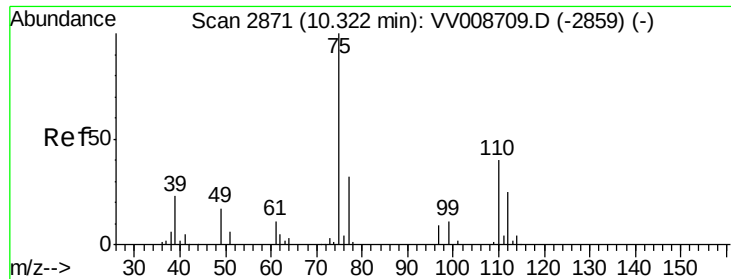
Tgt Ion:	43	Resp:	12107
Ion	Ratio	Lower	Upper
43	100		
58	25.2	41.4	62.0#
57	25.6	17.1	25.7
100	0.0	9.2	13.8#



#51
Chlorobenzene
Concen: 41.043 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV008712.D
Acq: 26 Nov 2018 14:00

Tgt Ion:	112	Resp:	213171
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.9	42.5
77	59.4	53.8	80.6





#59

1,2,3-Trichloropropane

Concen: 2.574 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.91 min

Lab File: VV008712.D

Acq: 26 Nov 2018 14:00

Instrument :

MSVOA_V

ClientSampleId :

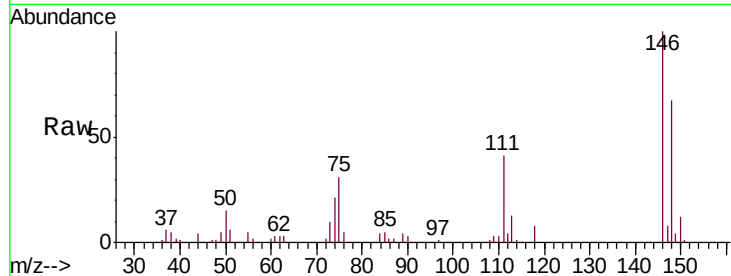
C0923

Tgt Ion: 75 Resp: 6912

Ion Ratio Lower Upper

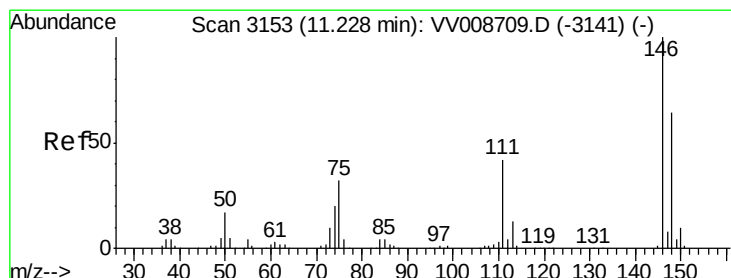
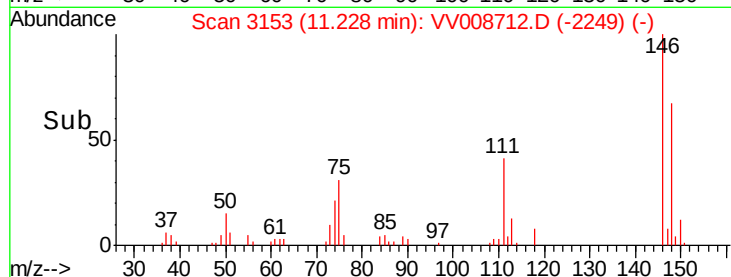
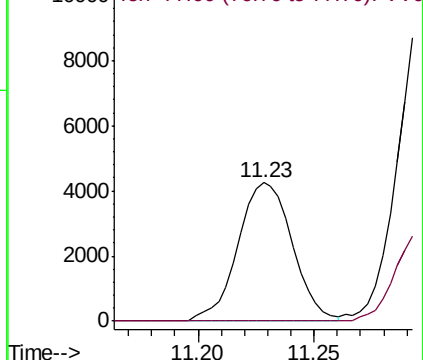
75 100

77 0.0 26.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VV008709.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008709.D (-2859) (-)



#62

1,3-Dichlorobenzene

Concen: 5.834 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV008712.D

Acq: 26 Nov 2018 14:00

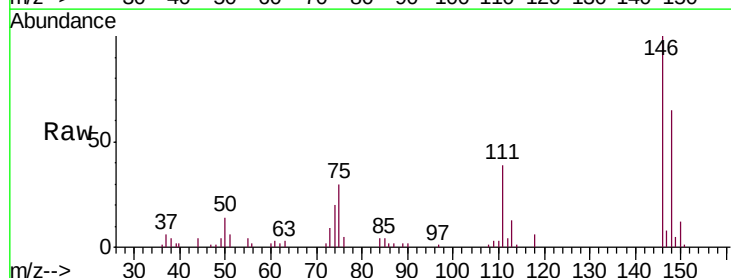
Tgt Ion: 146 Resp: 21897

Ion Ratio Lower Upper

146 100

111 39.0 27.9 51.7

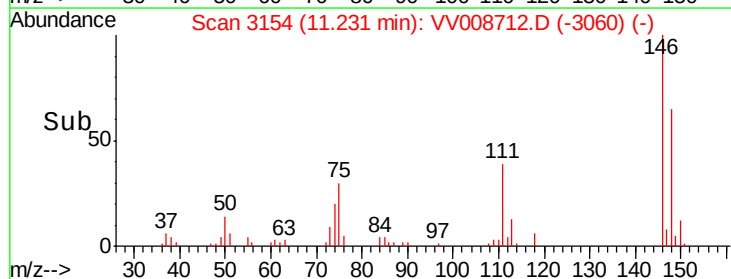
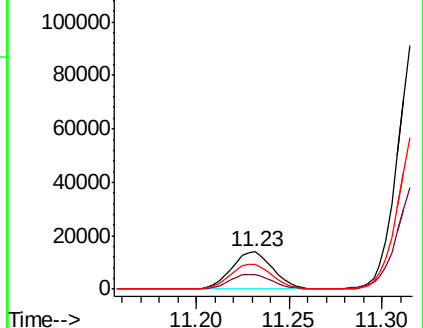
148 65.1 42.7 79.3

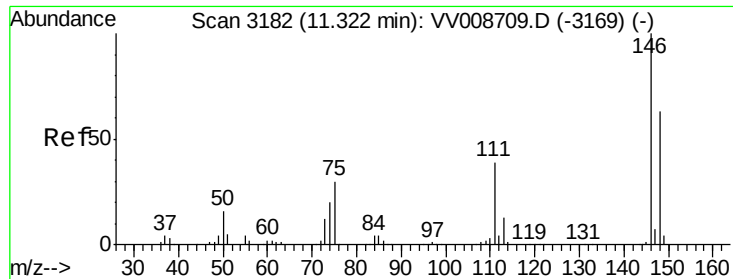


Abundance Ion 146.00 (145.70 to 146.70): VV008709.D (-3141) (-)

Ion 111.00 (110.70 to 111.70): VV008709.D (-3141) (-)

Ion 148.00 (147.70 to 148.70): VV008709.D (-3141) (-)

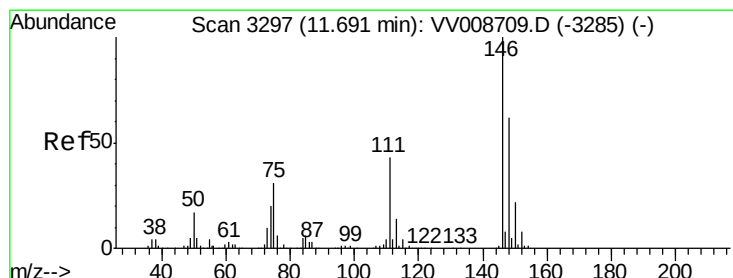
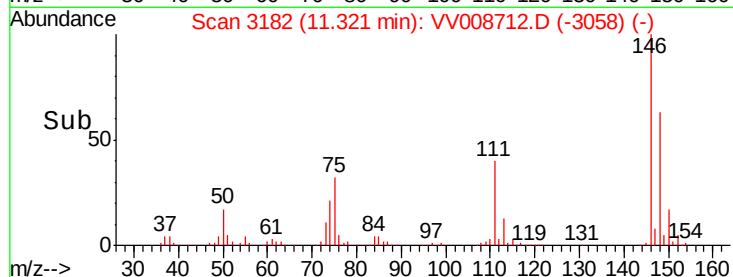
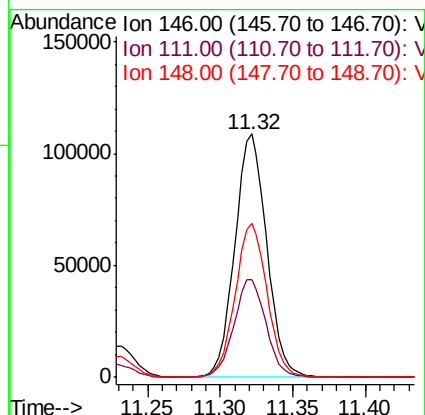
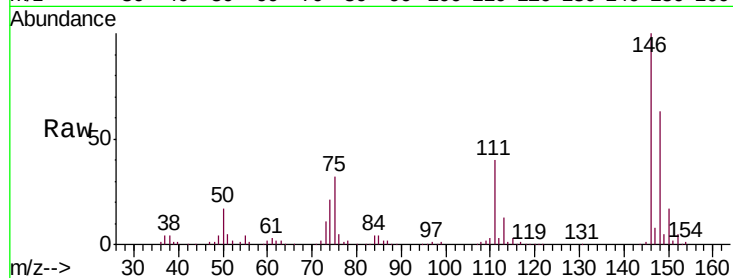




#63
 1,4-Dichlorobenzene
 Concen: 43.356 ug/L
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VV008712.D
 Acq: 26 Nov 2018 14:00

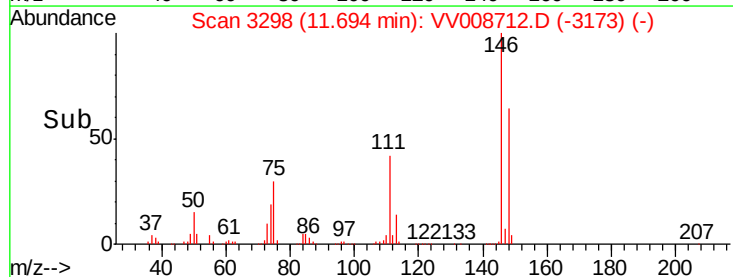
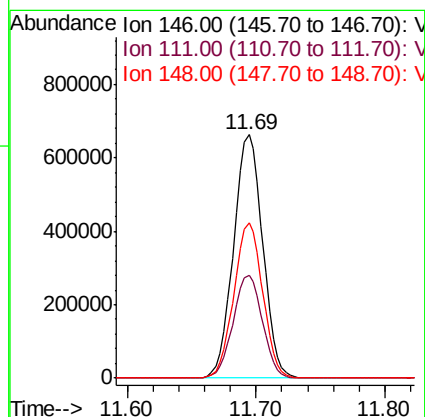
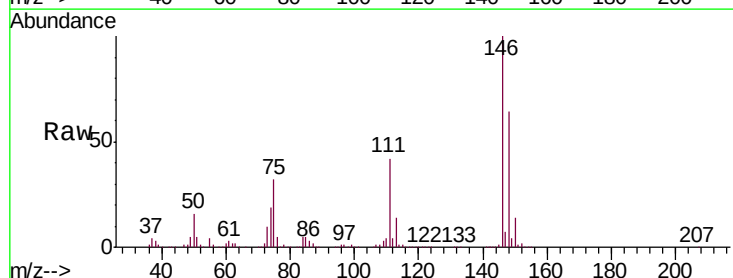
Instrument :
 MSVOA_V
 ClientSampled :
 C0923

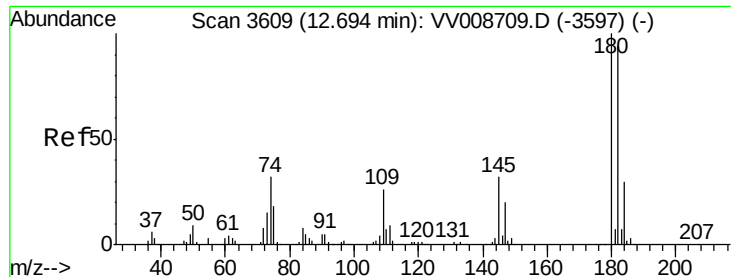
Tgt Ion:146 Resp: 165841
 Ion Ratio Lower Upper
 146 100
 111 40.4 27.7 51.5
 148 63.3 46.4 86.2



#65
 1,2-Dichlorobenzene
 Concen: 267.975 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV008712.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:146 Resp: 1038109
 Ion Ratio Lower Upper
 146 100
 111 42.2 36.5 54.7
 148 63.8 48.7 73.1

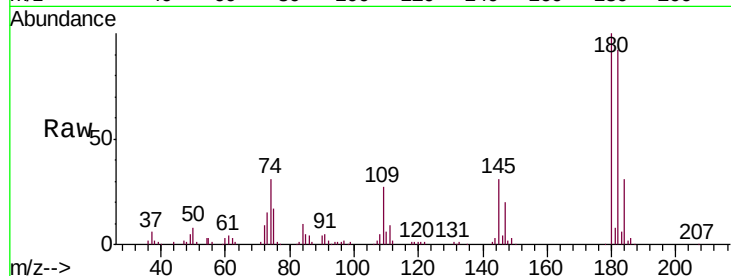




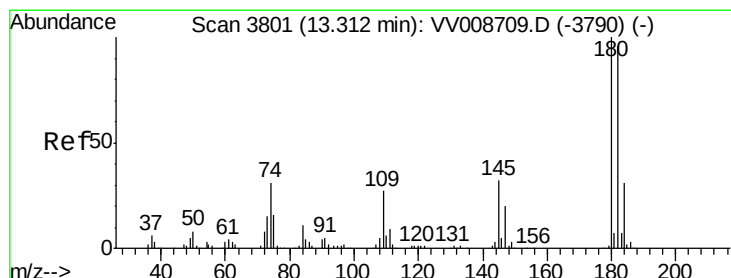
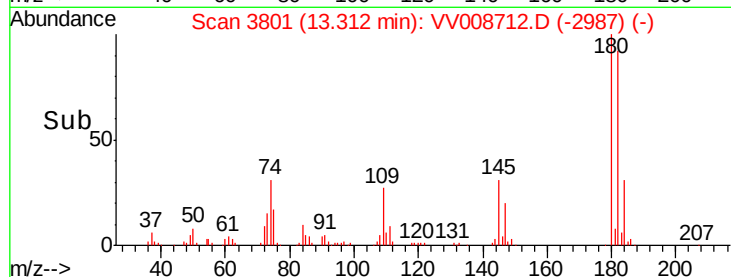
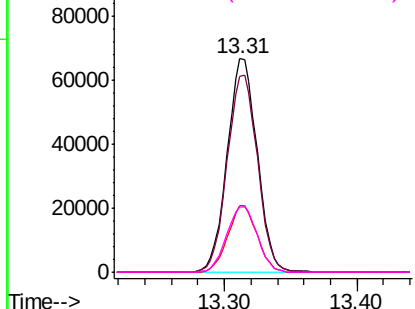
#67
 1,3,5-Trichlorobenzene
 Concen: 40.046 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.62 min
 Lab File: VV008712.D
 Acq: 26 Nov 2018 14:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0923

Tgt Ion:180 Resp: 104644
 Ion Ratio Lower Upper
 180 100
 182 93.5 73.2 109.8
 184 30.3 23.6 35.4
 145 31.3 26.6 39.8

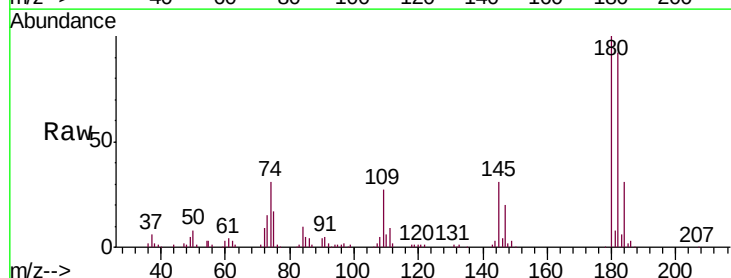


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

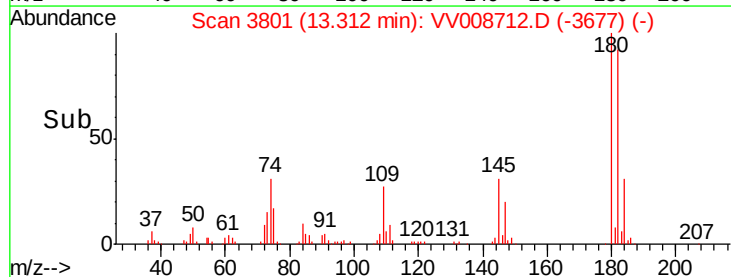
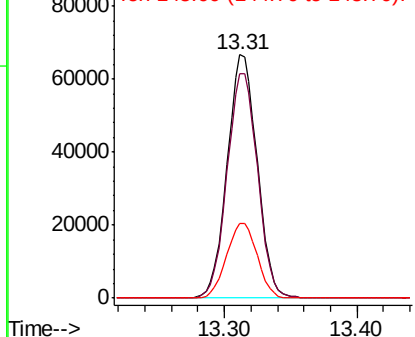


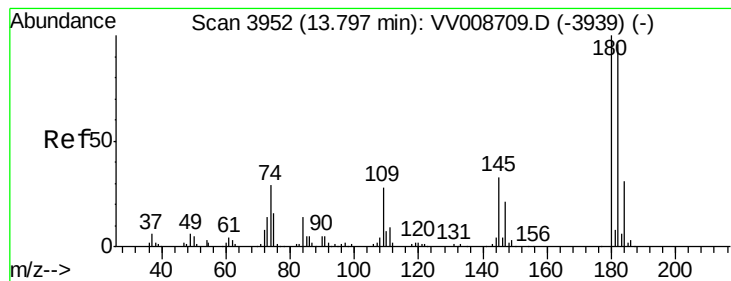
#68
 1,2,4-trichlorobenzene
 Concen: 52.773 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. -0.00 min
 Lab File: VV008712.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:180 Resp: 104644
 Ion Ratio Lower Upper
 180 100
 182 93.5 75.7 113.5
 145 31.3 28.0 42.0



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: 30.449 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. -0.00 min
 Lab File: VV008712.D
 Acq: 26 Nov 2018 14:00

Instrument :
 MSVOA_V
 ClientSampleId :
 C0923

Tgt Ion:180 Resp: 62084
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.5 116.3
 145 33.7 28.9 43.3

