

Data File : VV009880.D
Acq On : 25 Mar 2019 23:11
Operator : SY/MD
Sample : K2070-17 400X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C09E3

Quant Time: Mar 26 07:21:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:13:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	171450	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	169169	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67487	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85823	49.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.04%
7) Chloroethane-d5	1.56	69	97648	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.14%
11) 1,1-Dichloroethene-d2	2.13	63	186400	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	3.93	46	79233	101.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.40%
24) Chloroform-d	4.40	84	111913	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
26) 1,2-Dichloroethane-d4	5.08	65	79417	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
32) Benzene-d6	5.10	84	239568	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.34%
36) 1,2-Dichloropropane-d6	6.12	67	74995	52.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.88%
41) Toluene-d8	7.36	98	219016	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%
43) trans-1,3-Dichloropropene-	7.66	79	26917	41.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.20%
47) 2-Hexanone-d5	8.14	63	58327	100.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.45%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103608	45.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.14%
64) 1,2-Dichlorobenzene-d4	11.67	152	78644	50.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

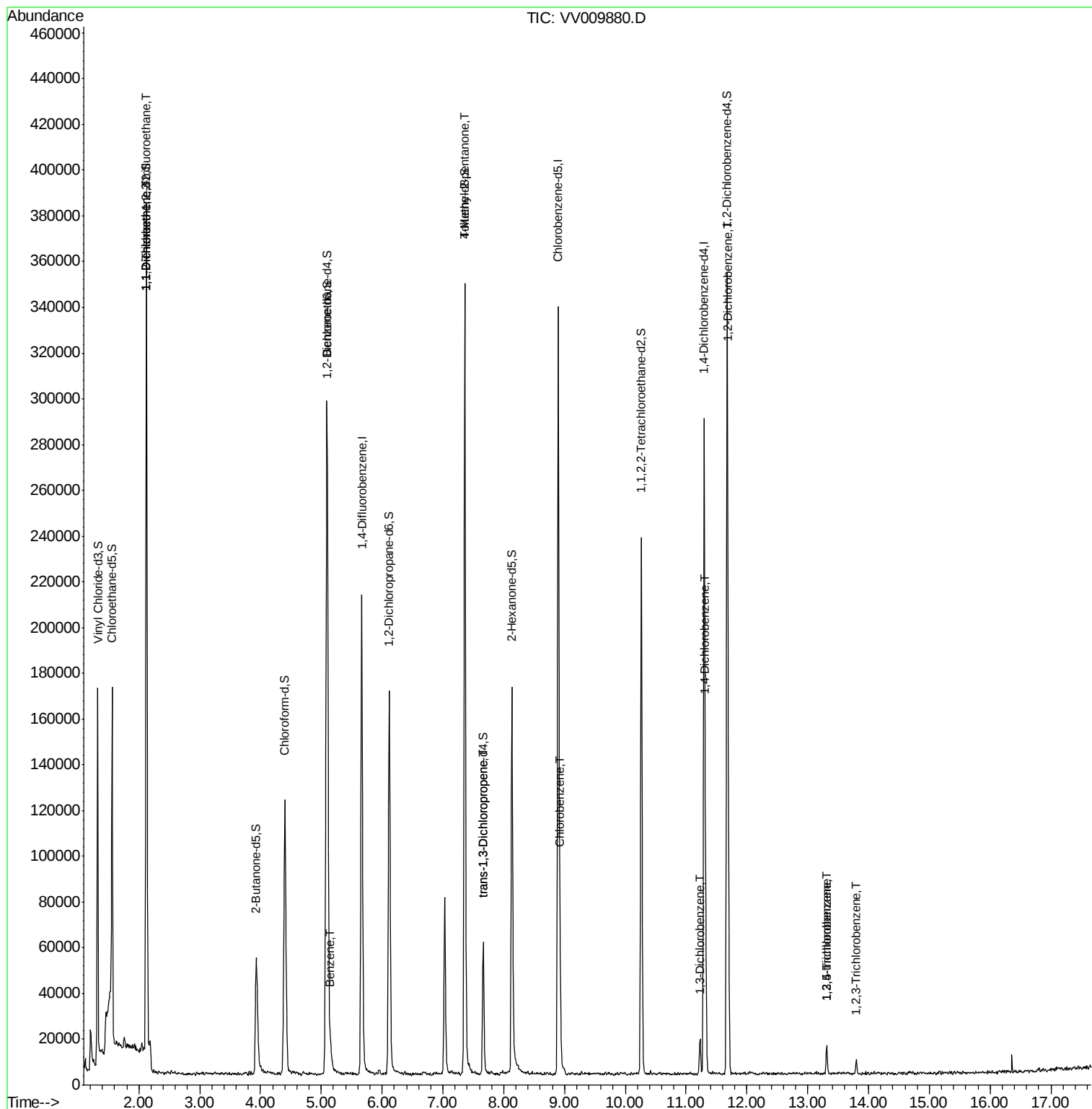
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1916	0.728 ug/L #	25
12) 1,1-Dichloroethene	2.13	96	1414	0.607 ug/L #	1
33) Benzene	5.15	78	7328	1.484 ug/L	100
40) 4-Methyl-2-pentanone	7.35	43	985	0.566 ug/L #	1
44) trans-1,3-Dichloropropene	7.66	75	1783	1.049 ug/L	97
51) Chlorobenzene	8.93	112	22864	6.111 ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	5676	2.455 ug/L	93
63) 1,4-Dichlorobenzene	11.32	146	21057	8.688 ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	36922	15.118 ug/L	95
67) 1,3,5-Trichlorobenzene	13.31	180	3868	2.452 ug/L #	88
68) 1,2,4-trichlorobenzene	13.31	180	3868	3.078 ug/L #	84
70) 1,2,3-Trichlorobenzene	13.80	180	1425	1.121 ug/L #	83

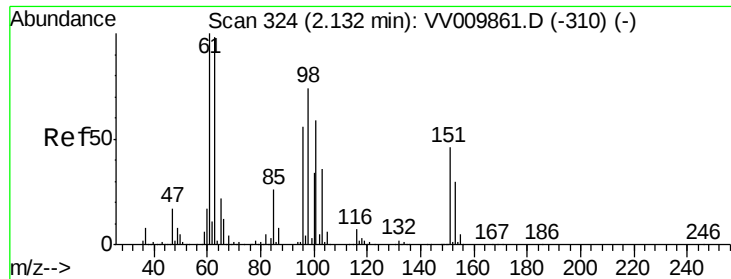
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009880.D
Acq On : 25 Mar 2019 23:11
Operator : SY/MD
Sample : K2070-17 400X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C09E3

Quant Time: Mar 26 07:21:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:13:38 2019
Response via : Initial Calibration





#10

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

Concen: 0.728 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV009880.D

Acq: 25 Mar 2019 23:11

Instrument :

MSVOA_V

ClientSampleId :

C09E3

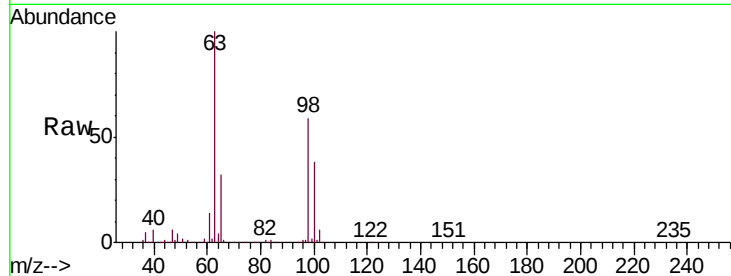
Tgt Ion: 101 Resp: 1916

Ion Ratio Lower Upper

101 100

85 5.0 37.0 55.4#

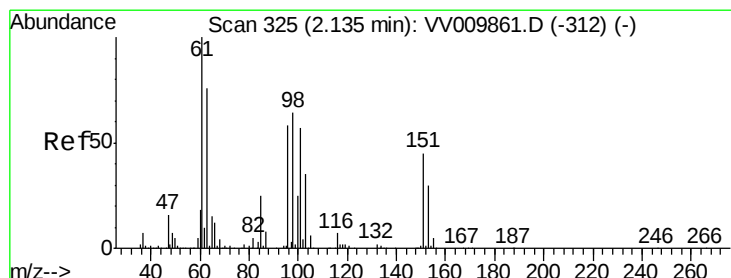
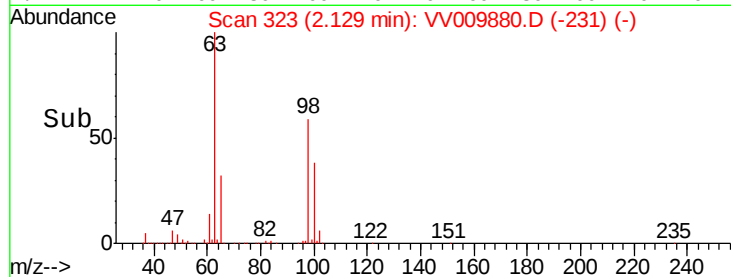
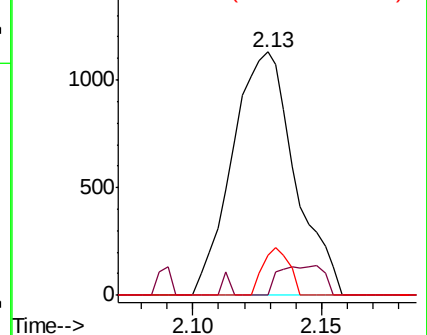
151 8.3 65.4 98.2#



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: 0.607 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV009880.D

Acq: 25 Mar 2019 23:11

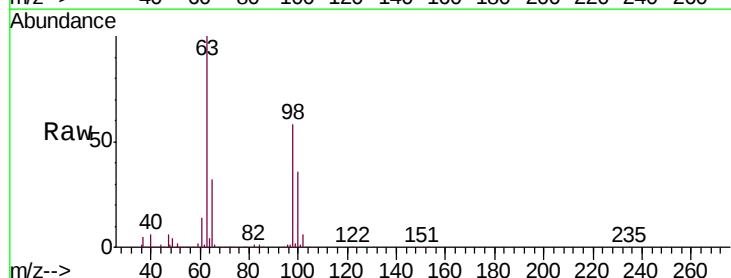
Tgt Ion: 96 Resp: 1414

Ion Ratio Lower Upper

96 100

61 1928.6 125.3 232.7#

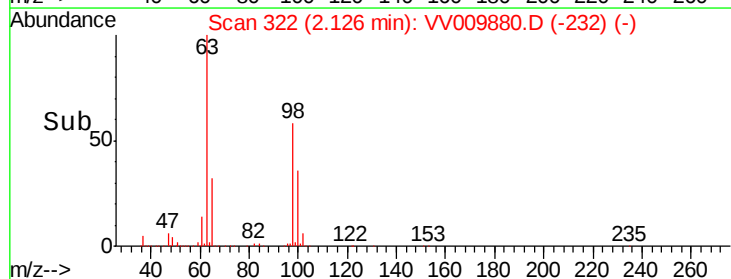
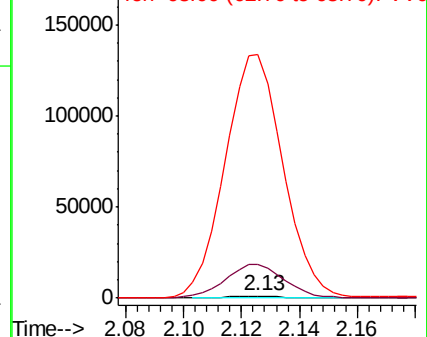
63 13862.2 109.7 203.7#

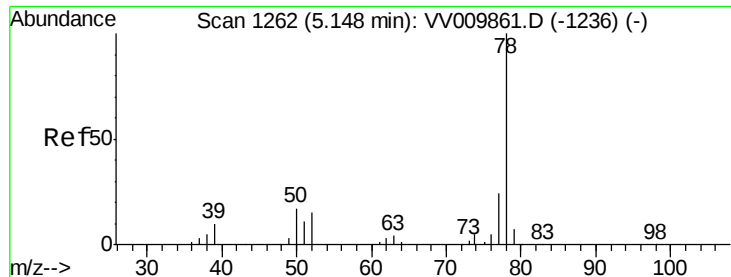


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#33

Benzene

Concen: 1.484 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV009880.D

Acq: 25 Mar 2019 23:11

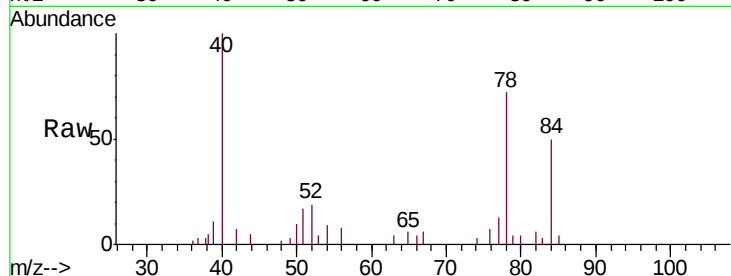
Instrument :

MSVOA_V

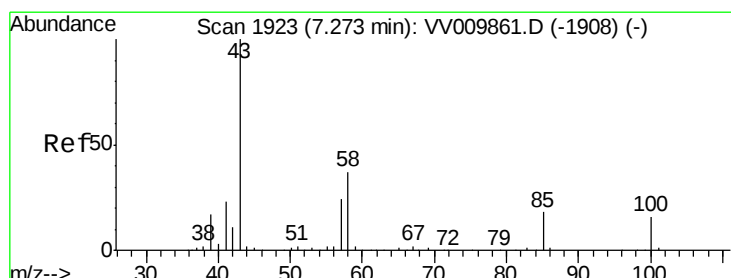
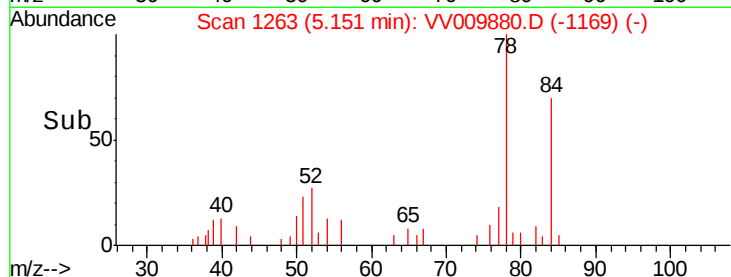
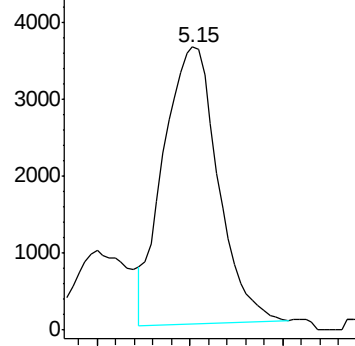
ClientSampleId :

C09E3

Tgt Ion: 78 Resp: 7328



Abundance Ion 78.00 (77.70 to 78.70): VV0



#40

4-Methyl-2-pentanone

Concen: 0.566 ug/L

RT: 7.35 min Scan# 1948

Delta R.T. 0.08 min

Lab File: VV009880.D

Acq: 25 Mar 2019 23:11

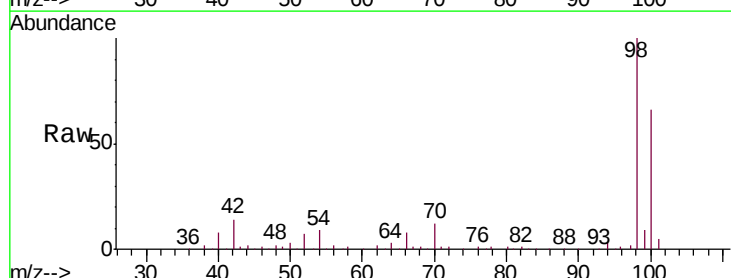
Tgt Ion: 43 Resp: 985

Ion Ratio Lower Upper

43 100

58 177.6 29.8 44.8#

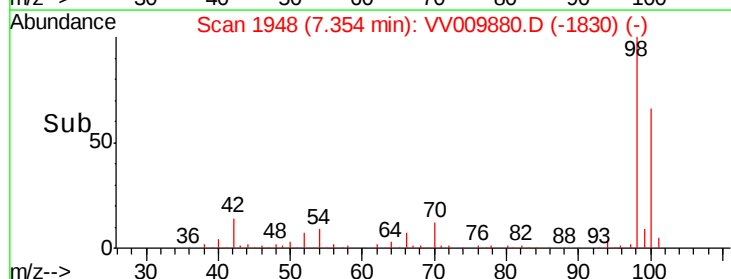
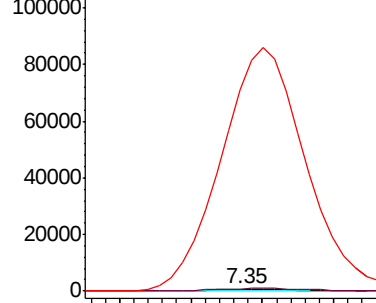
100 14488.5 12.2 18.4#

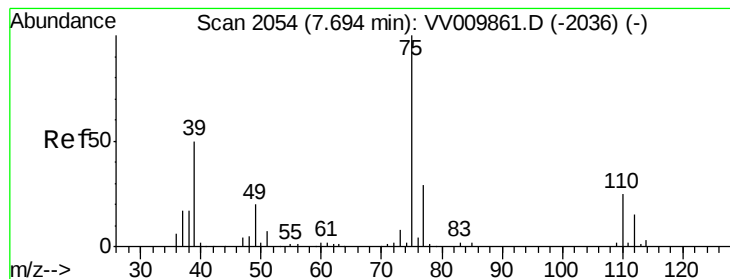


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 1.049 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009880.D

Acq: 25 Mar 2019 23:11

Instrument :

MSVOA_V

ClientSampled :

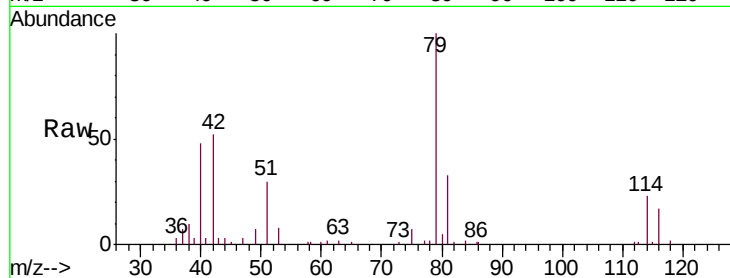
C09E3

Tgt Ion: 75 Resp: 1783

Ion Ratio Lower Upper

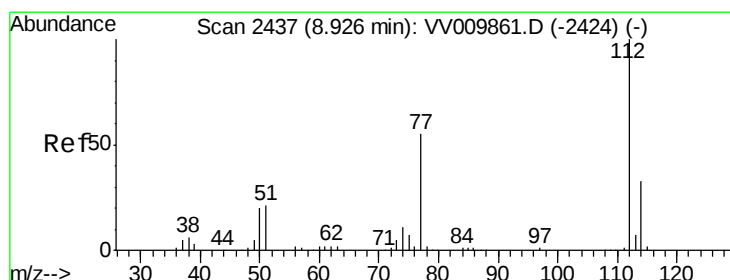
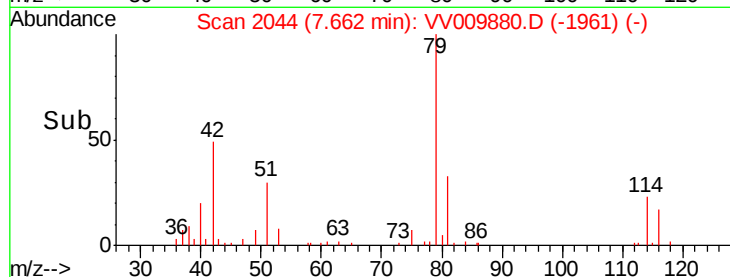
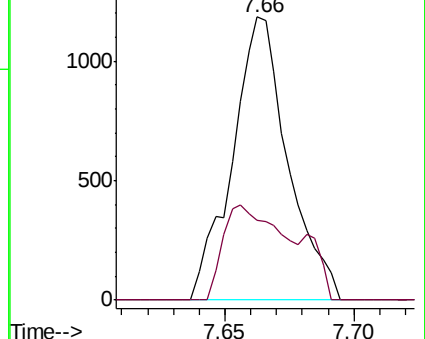
75 100

77 28.1 20.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV009861.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV009861.D (-2036) (-)



#51

Chlorobenzene

Concen: 6.111 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV009880.D

Acq: 25 Mar 2019 23:11

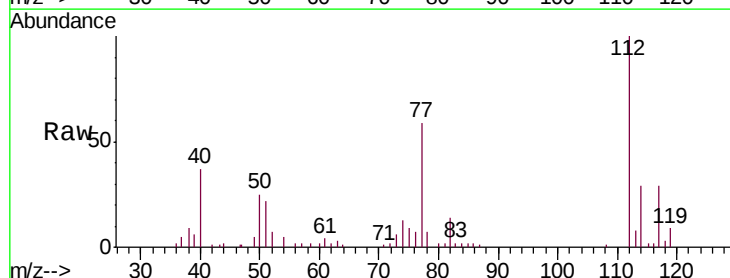
Tgt Ion: 112 Resp: 22864

Ion Ratio Lower Upper

112 100

114 28.9 23.3 43.3

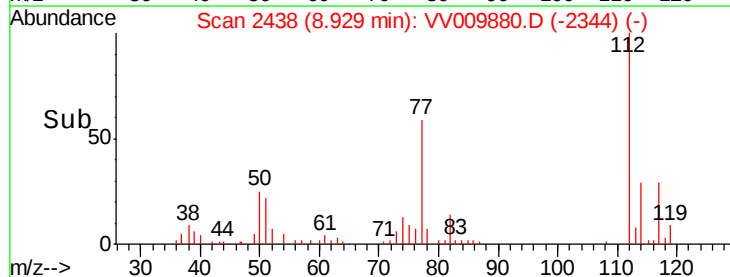
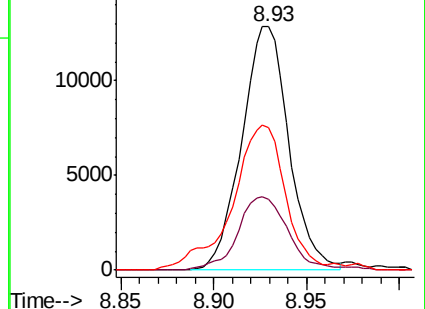
77 58.7 45.8 68.6

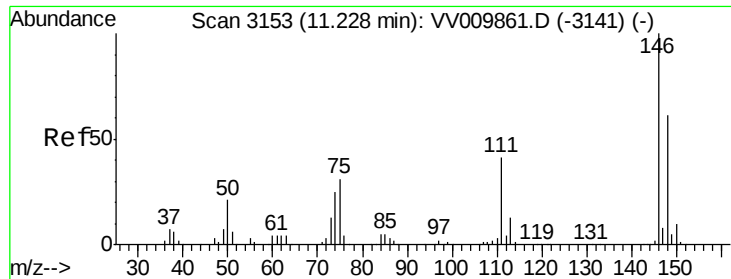


Abundance Ion 112.00 (111.70 to 112.70): VV009861.D (-2424) (-)

Ion 114.00 (113.70 to 114.70): VV009861.D (-2424) (-)

Ion 77.00 (76.70 to 77.70): VV009861.D (-2424) (-)





#62

1,3-Dichlorobenzene

Concen: 2.455 ug/L

RT: 11.22 min Scan# 3151

Delta R.T. -0.01 min

Lab File: VV009880.D

Acq: 25 Mar 2019 23:11

Instrument :

MSVOA_V

ClientSampleId :

C09E3

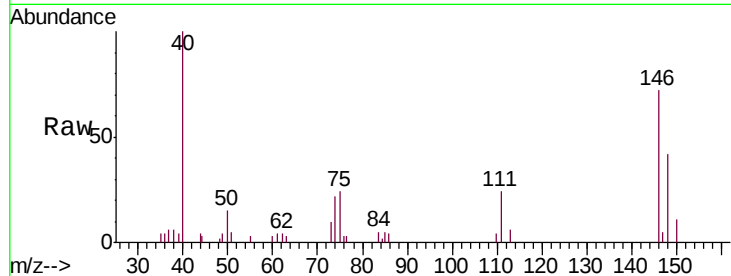
Tgt Ion:146 Resp: 5676

Ion Ratio Lower Upper

146 100

111 33.0 27.5 51.1

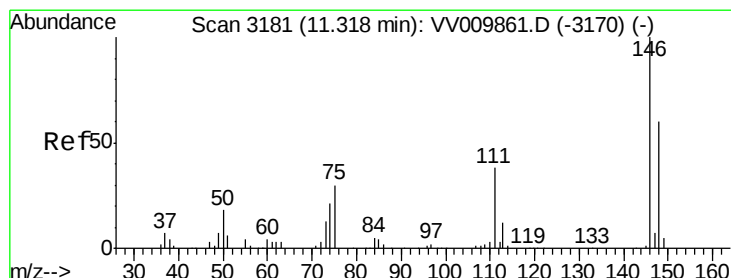
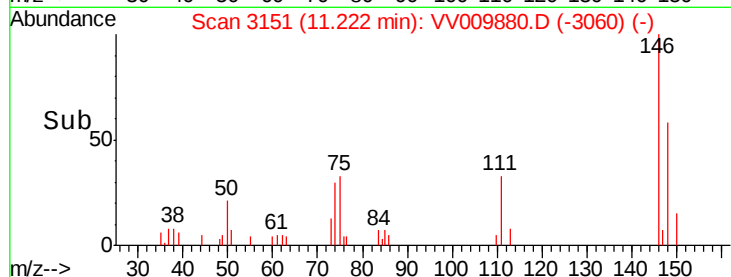
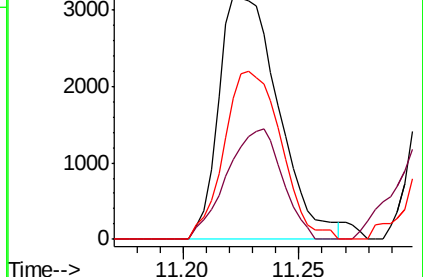
148 57.9 43.0 80.0



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



#63

1,4-Dichlorobenzene

Concen: 8.688 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV009880.D

Acq: 25 Mar 2019 23:11

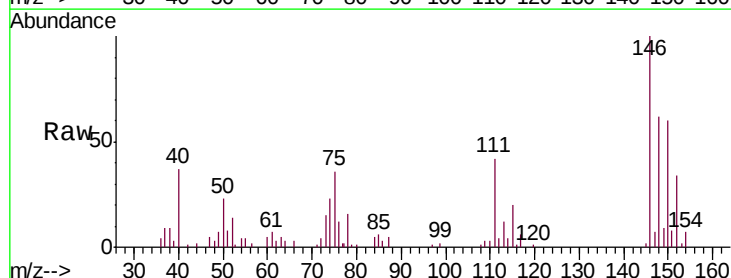
Tgt Ion:146 Resp: 21057

Ion Ratio Lower Upper

146 100

111 42.4 26.5 49.3

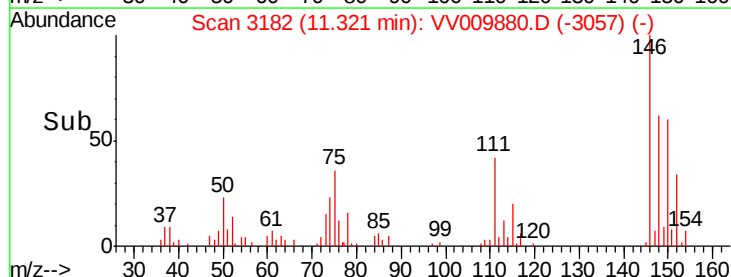
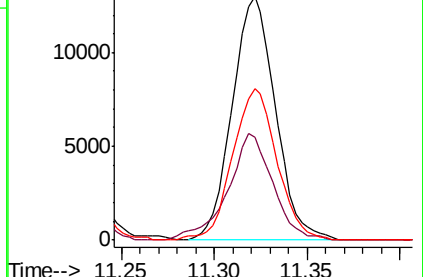
148 62.3 43.2 80.2

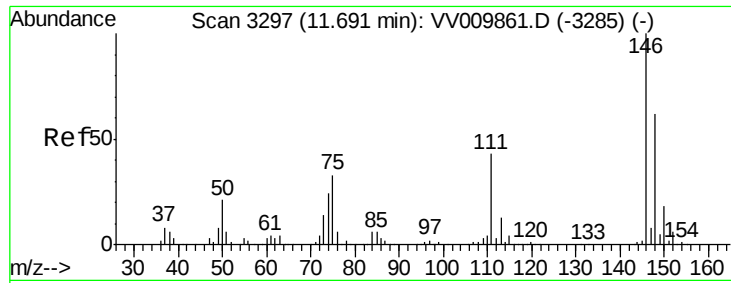


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 15.118 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV009880.D

Acq: 25 Mar 2019 23:11

Instrument :

MSVOA_V

ClientSampleId :

C09E3

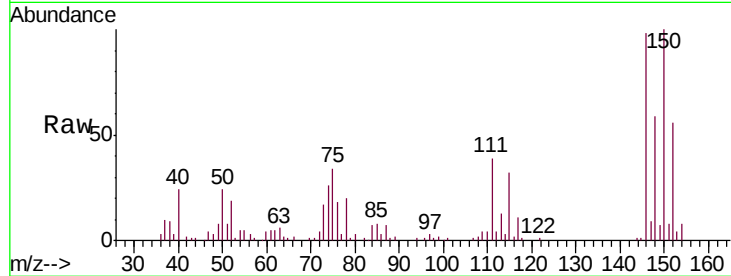
Tgt Ion:146 Resp: 36922

Ion Ratio Lower Upper

146 100

111 40.3 33.0 49.6

148 60.3 53.2 79.8

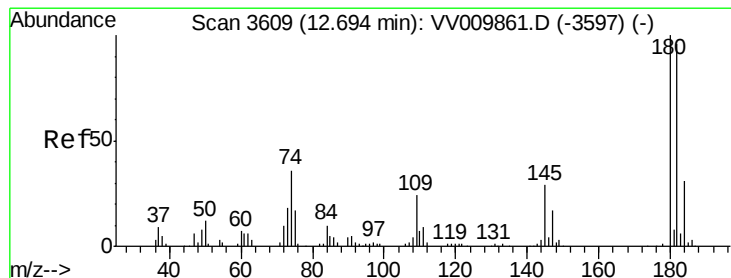
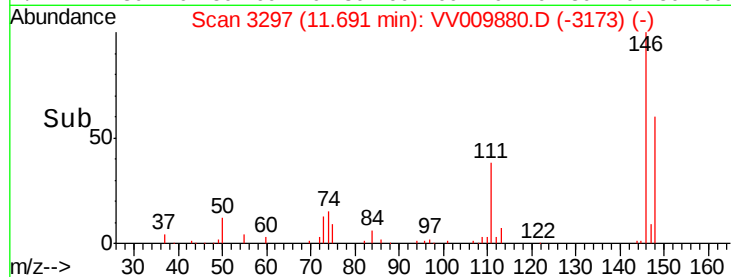
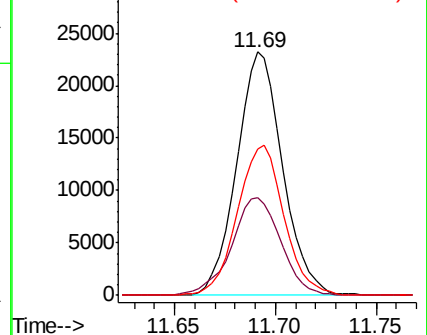


Abundance

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: 2.452 ug/L

RT: 13.31 min Scan# 3800

Delta R.T. 0.61 min

Lab File: VV009880.D

Acq: 25 Mar 2019 23:11

Tgt Ion:180 Resp: 3868

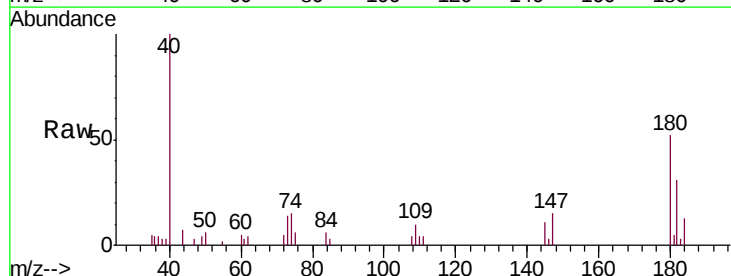
Ion Ratio Lower Upper

180 100

182 83.4 75.0 112.6

184 32.2 24.1 36.1

145 16.5 24.2 36.4#



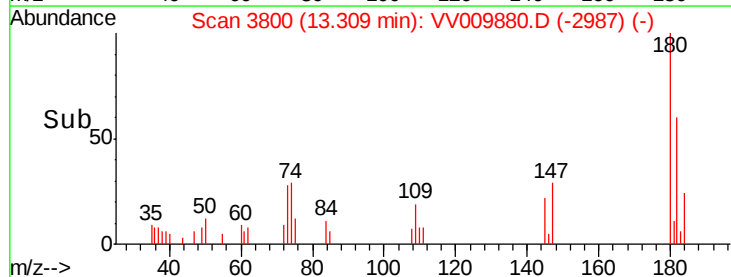
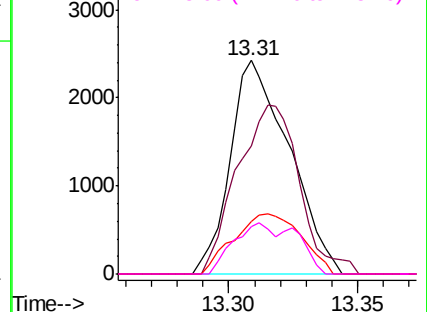
Abundance

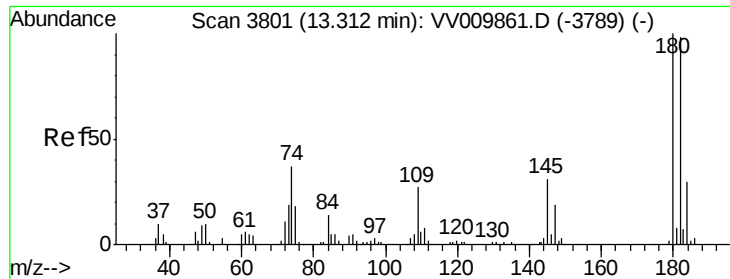
Ion 180.00 (179.70 to 180.70): V

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

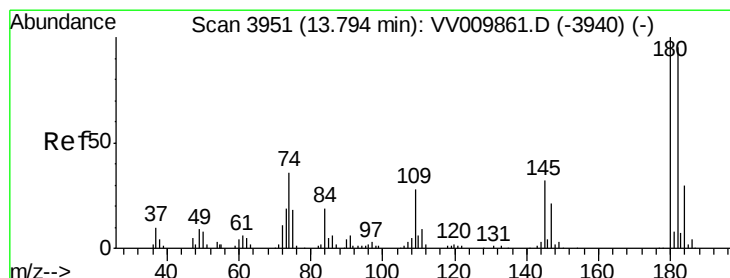
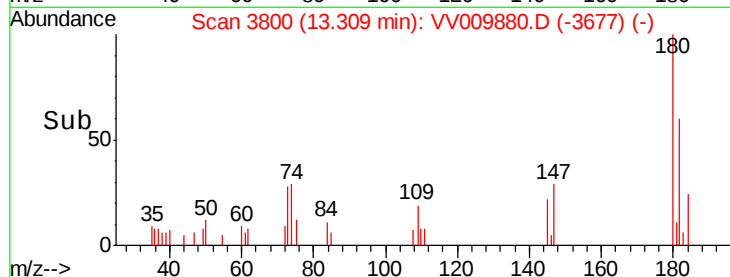
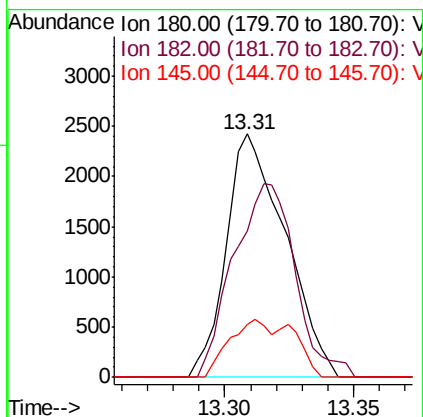
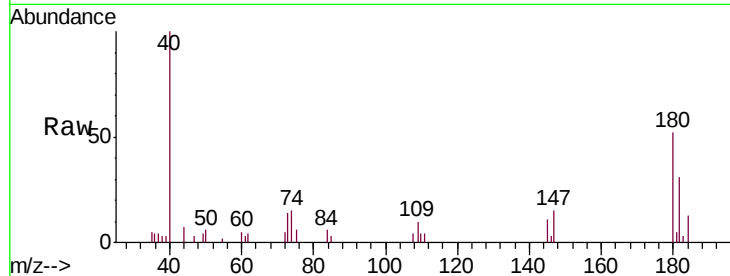




#68
 1,2,4-trichlorobenzene
 Concen: 3.078 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. -0.00 min
 Lab File: VV009880.D
 Acq: 25 Mar 2019 23:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C09E3

Tgt Ion:180 Resp: 3868
 Ion Ratio Lower Upper
 180 100
 182 83.4 77.1 115.7
 145 16.5 24.3 36.5#



#70
 1,2,3-Trichlorobenzene
 Concen: 1.121 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.01 min
 Lab File: VV009880.D
 Acq: 25 Mar 2019 23:11

Tgt Ion:180 Resp: 1425
 Ion Ratio Lower Upper
 180 100
 182 112.2 75.6 113.4
 145 38.9 24.8 37.2#

