

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
 Data File : VV012747.D
 Acq On : 14 Sep 2019 00:23
 Operator : SY/MD
 Sample : K4868-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMK8

Quant Time: Sep 14 02:24:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 14 00:58:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	780550	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	729114	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	264452	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	198396	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.70%
7) Chloroethane-d5	1.58	69	189050	47.75	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.50%
11) 1,1-Dichloroethene-d2	2.13	63	300545	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
21) 2-Butanone-d5	3.92	46	467969	102.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.01%
24) Chloroform-d	4.40	84	516854	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
26) 1,2-Dichloroethane-d4	5.08	65	333470	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.30%
32) Benzene-d6	5.10	84	975875	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
36) 1,2-Dichloropropane-d6	6.12	67	345648	50.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.70%
41) Toluene-d8	7.36	98	840067	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.66	79	134440	47.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.00%
47) 2-Hexanone-d5	8.13	63	248287	94.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	411542	46.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.72%
64) 1,2-Dichlorobenzene-d4	11.67	152	334493	55.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.84%

Target Compounds

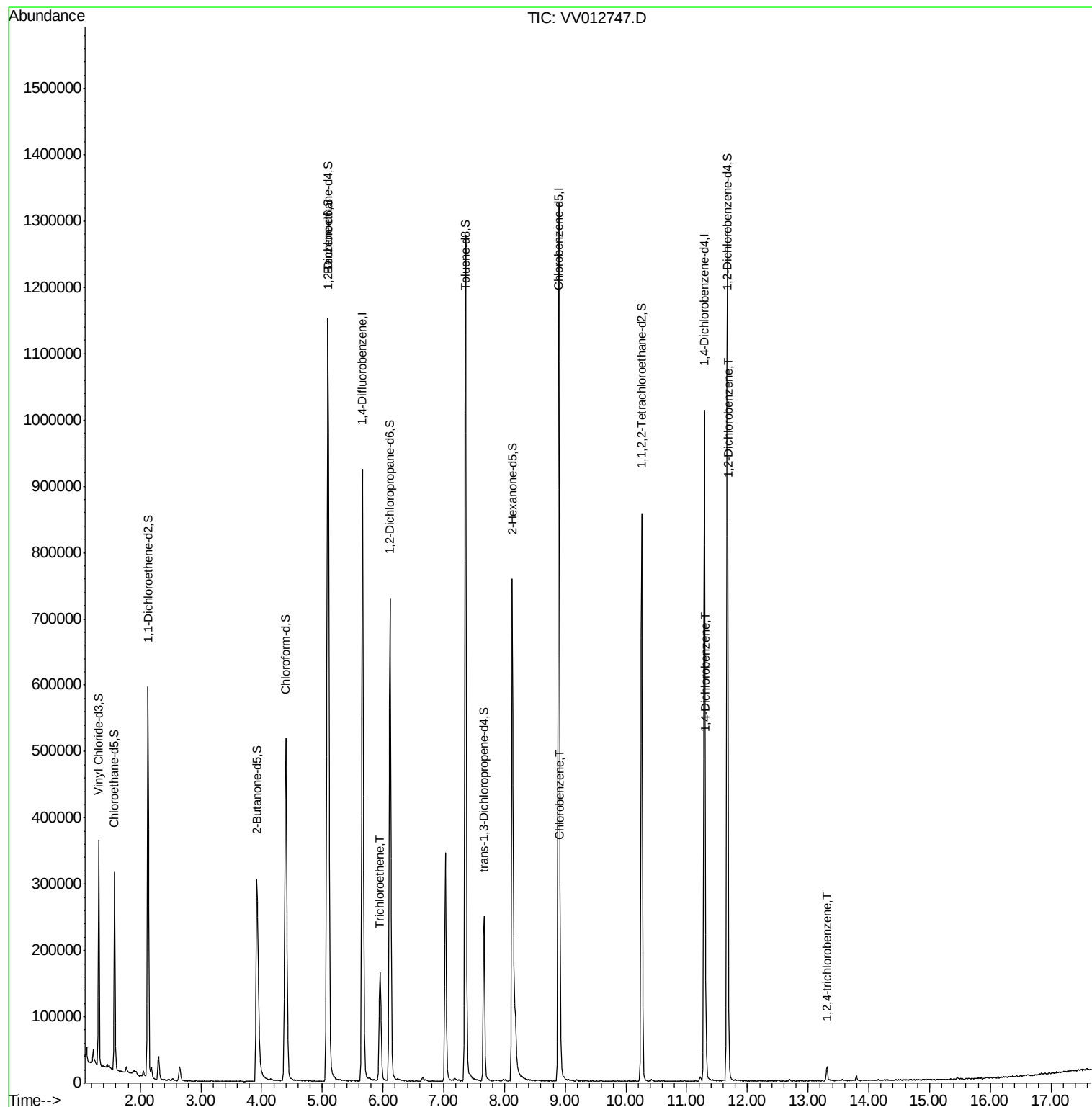
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
34) Trichloroethene	5.96	95	26897	4.666	ug/L	95
51) Chlorobenzene	8.92	112	22041	1.562	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	23324	2.784	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	19313	2.249	ug/L	92
68) 1,2,4-trichlorobenzene	13.31	180	7547	1.480	ug/L	96

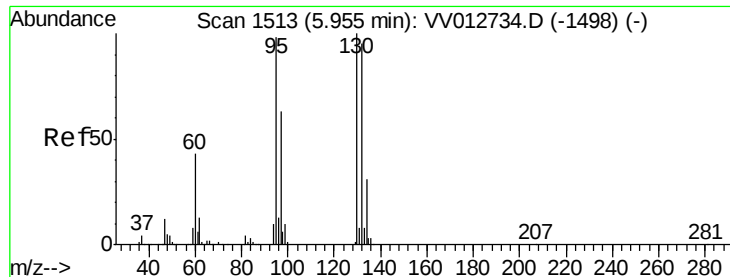
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV091319\
Data File : VV012747.D
Acq On : 14 Sep 2019 00:23
Operator : SY/MD
Sample : K4868-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMK8

Quant Time: Sep 14 02:24:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 14 00:58:35 2019
Response via : Initial Calibration





#34

Trichloroethene

Concen: 4.666 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV012747.D

Acq: 14 Sep 2019 00:23

Instrument :

MSVOA_V

ClientSampleId :

COMK8

Tot Ion: 95 Resp: 26897

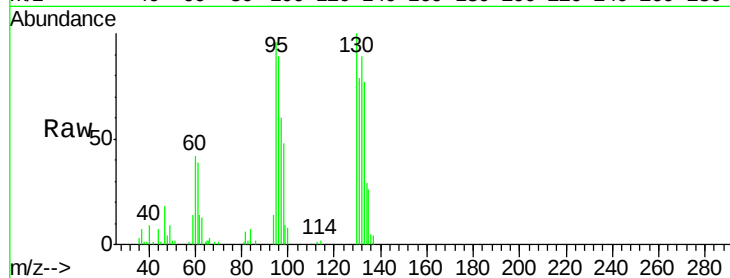
Ion Ratio Lower Upper

95 100

97 61.8 45.1 83.9

132 92.5 70.6 131.0

130 103.9 74.6 138.6

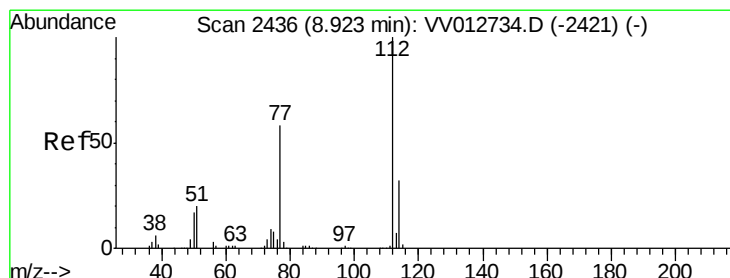
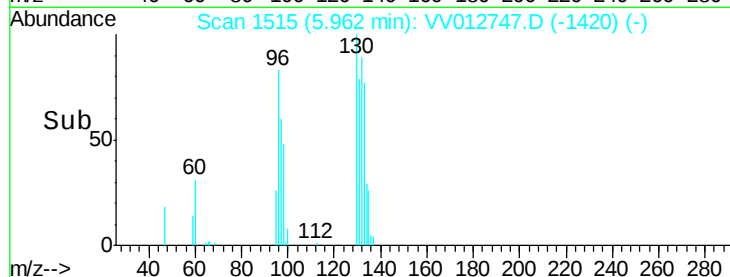
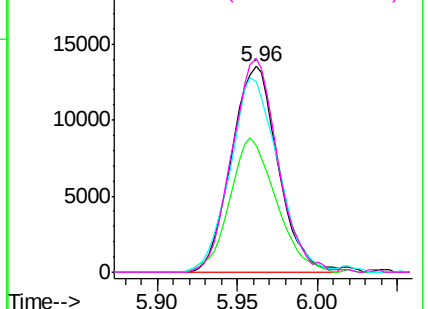


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#51

Chlorobenzene

Concen: 1.562 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV012747.D

Acq: 14 Sep 2019 00:23

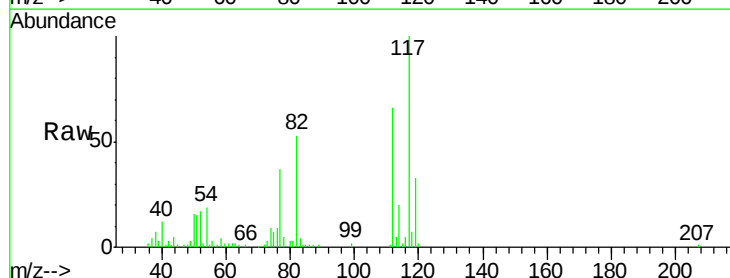
Tgt Ion: 112 Resp: 22041

Ion Ratio Lower Upper

112 100

114 30.8 22.4 41.6

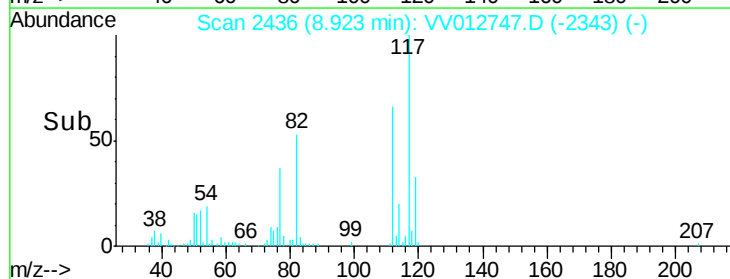
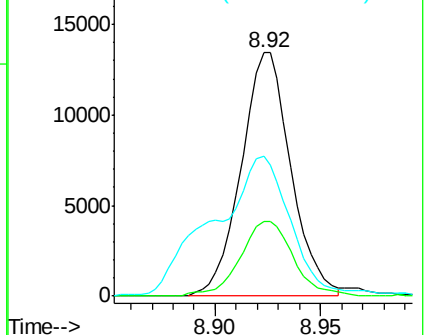
77 57.2 46.7 70.1

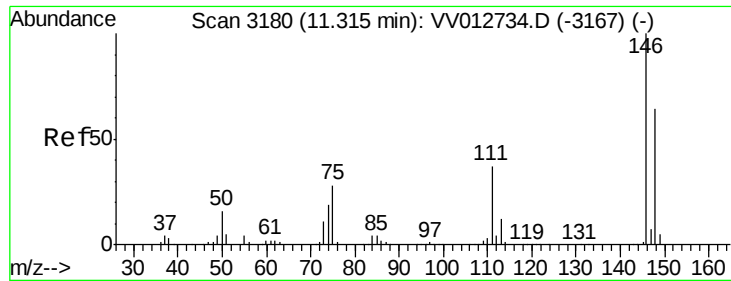


Abundance Ion 112.00 (111.70 to 112.70): VV0

Ion 114.00 (113.70 to 114.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#63

1,4-Dichlorobenzene

Concen: 2.784 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. -0.00 min

Lab File: VV012747.D

Acq: 14 Sep 2019 00:23

Instrument :

MSVOA_V

ClientSampleId :

COMK8

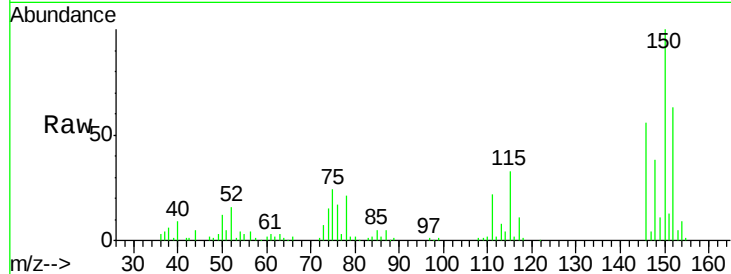
Tot Ion:146 Resp: 23324

Ion Ratio Lower Upper

146 100

111 38.8 26.2 48.8

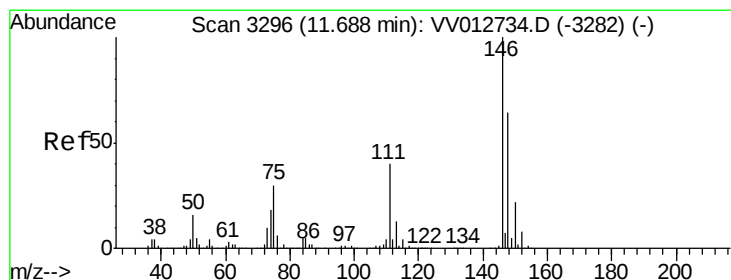
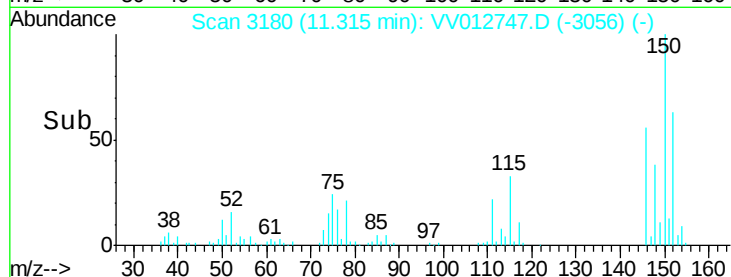
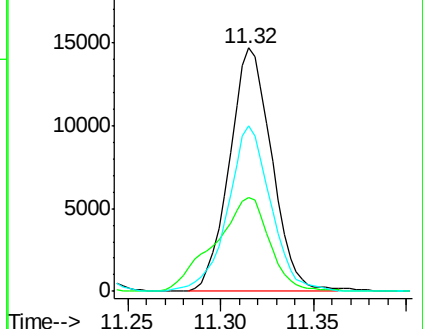
148 67.8 45.0 83.6



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: 2.249 ug/L

RT: 11.69 min Scan# 3296

Delta R.T. -0.00 min

Lab File: VV012747.D

Acq: 14 Sep 2019 00:23

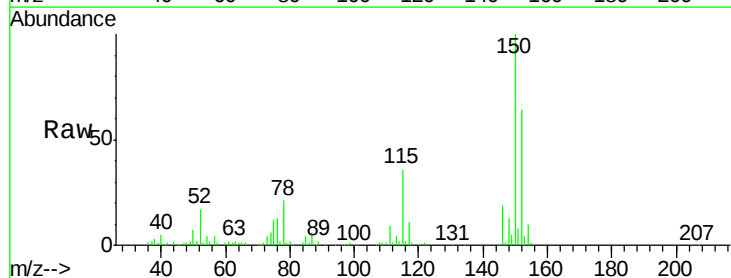
Tgt Ion:146 Resp: 19313

Ion Ratio Lower Upper

146 100

111 47.2 32.2 48.2

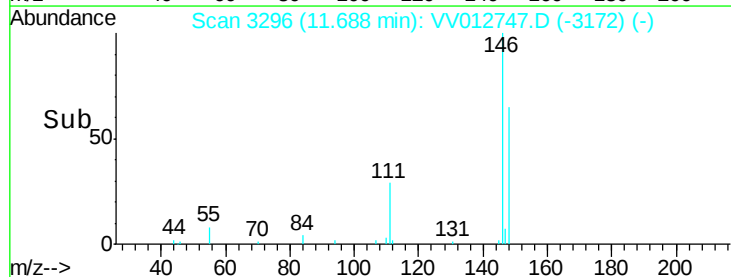
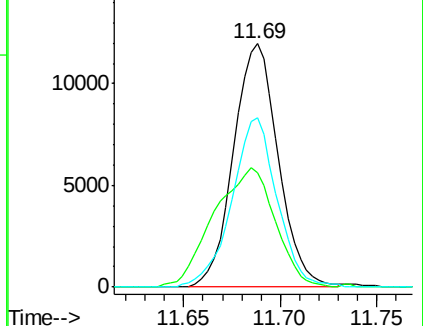
148 69.4 51.5 77.3

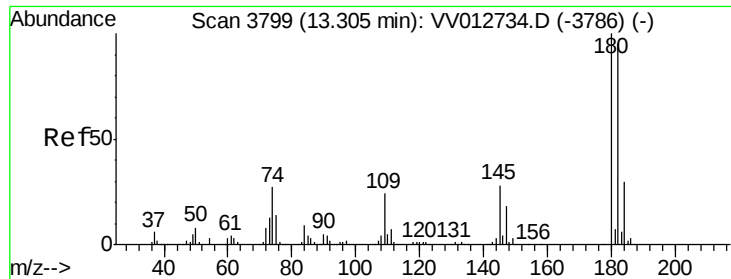


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

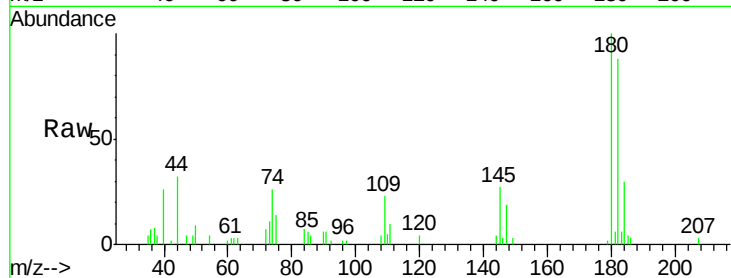




#68
 1,2,4-trichlorobenzene
 Concen: 1.480 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.01 min
 Lab File: VV012747.D
 Acq: 14 Sep 2019 00:23

Instrument :
 MSVOA_V
 ClientSampleId :
 COMK8

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.1	76.8	115.2
145	28.8	23.0	34.4



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

