

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032420\
 Data File : VV015119.D
 Acq On : 24 Mar 2020 13:23
 Operator : SY/MD
 Sample : L1968-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC8

Quant Time: Mar 25 02:47:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 01:10:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	681720	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	644625	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	298848	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	258353	41.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.06%
7) Chloroethane-d5	1.58	69	225737	42.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.70%
11) 1,1-Dichloroethene-d2	2.12	63	371055	35.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.60%
21) 2-Butanone-d5	3.93	46	348584	84.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.96%
24) Chloroform-d	4.38	84	401828	42.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.42%
26) 1,2-Dichloroethane-d4	5.06	65	261173	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.18%
32) Benzene-d6	5.08	84	843496	43.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.09	67	267543	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.74%
41) Toluene-d8	7.34	98	797366	44.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.08%
43) trans-1,3-Dichloropropene-	7.64	79	143799	42.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.22%
47) 2-Hexanone-d5	8.11	63	268596	83.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	374959	41.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	292604	43.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.70%

Target Compounds

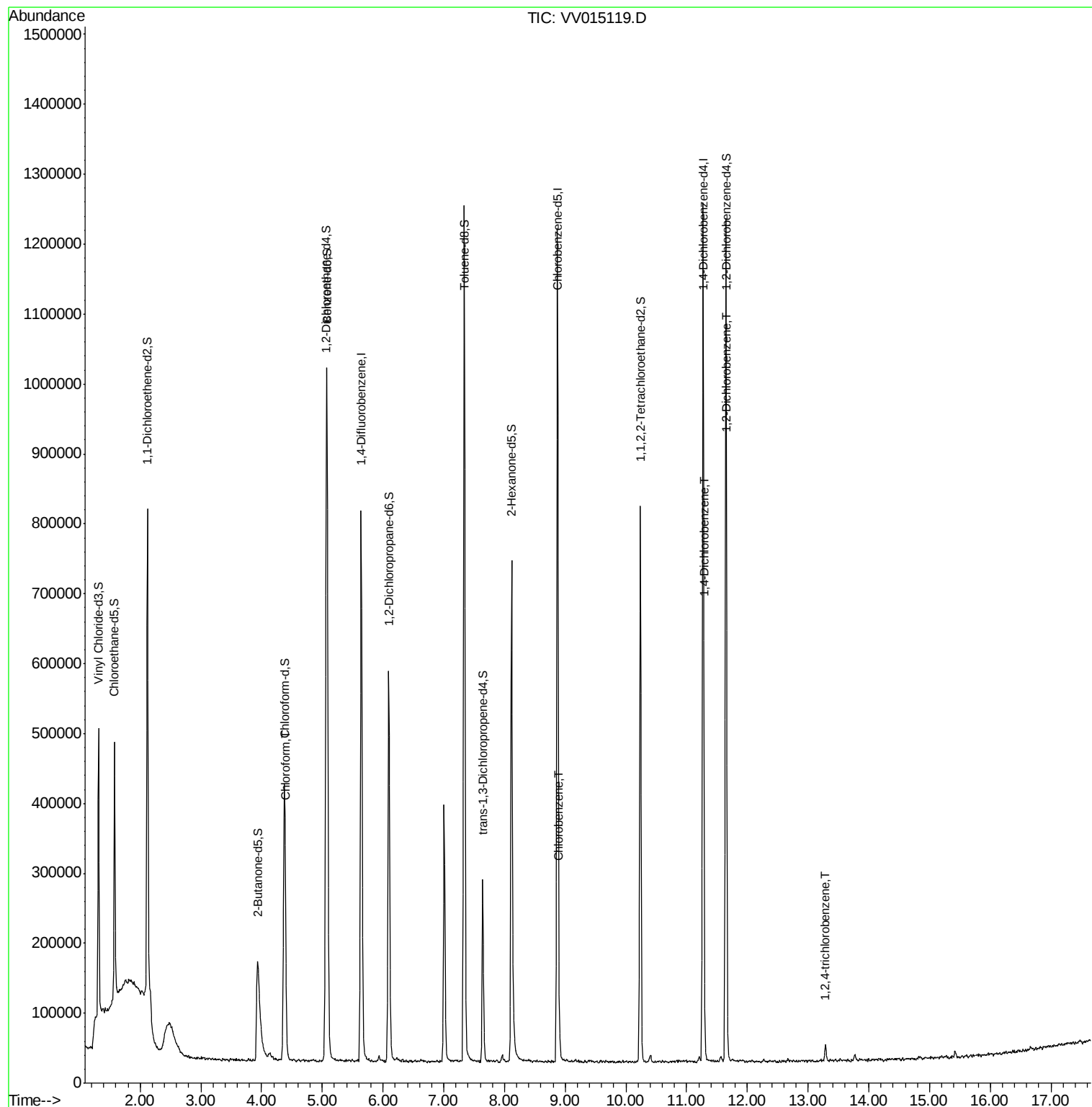
					Ovalue
25) Chloroform	4.40	83	8711	0.976 ug/L	90
51) Chlorobenzene	8.90	112	12849	0.960 ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	14639	1.458 ug/L	94
65) 1,2-Dichlorobenzene	11.67	146	12198	1.178 ug/L #	87
68) 1,2,4-trichlorobenzene	13.29	180	6951	1.075 ug/L	95

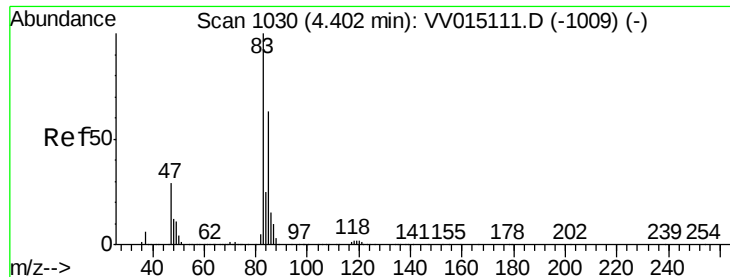
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032420\
Data File : VV015119.D
Acq On : 24 Mar 2020 13:23
Operator : SY/MD
Sample : L1968-02
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0DC8

Quant Time: Mar 25 02:47:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 25 01:10:42 2020
Response via : Initial Calibration





#25

Chloroform

Concen: 0.976 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV015119.D

Acq: 24 Mar 2020 13:23

Instrument :

MSVOA_V

ClientSampled :

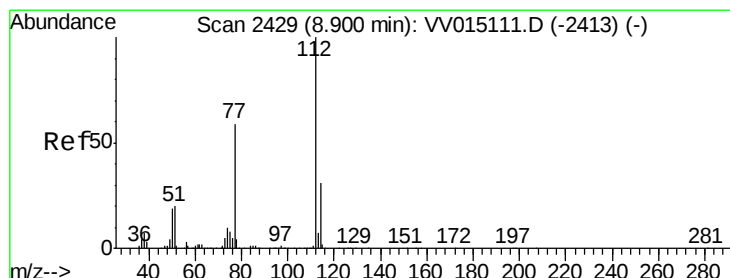
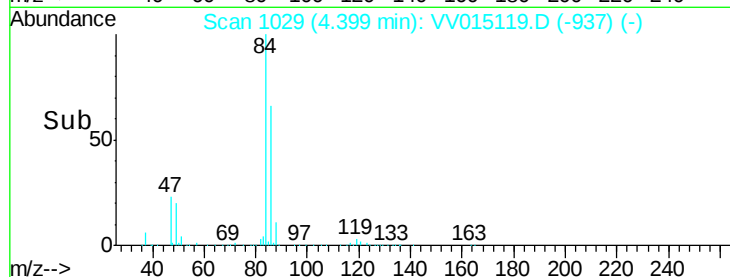
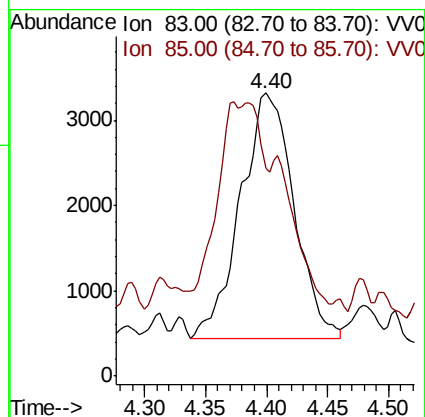
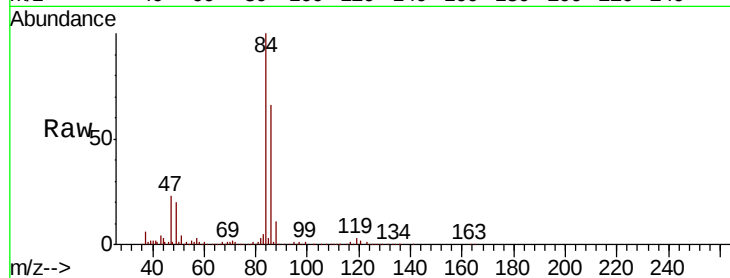
C0DC8

Tot Ion: 83 Resp: 8711

Ion Ratio Lower Upper

83 100

85 73.2 45.8 85.0



#51

Chlorobenzene

Concen: 0.960 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015119.D

Acq: 24 Mar 2020 13:23

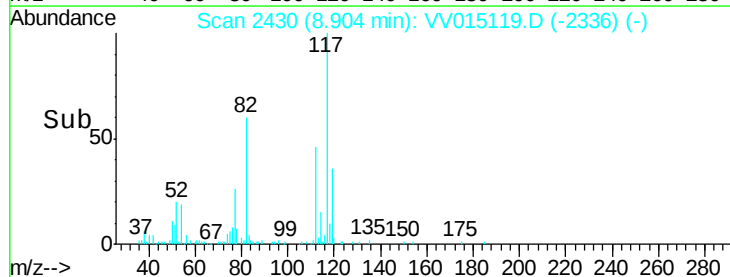
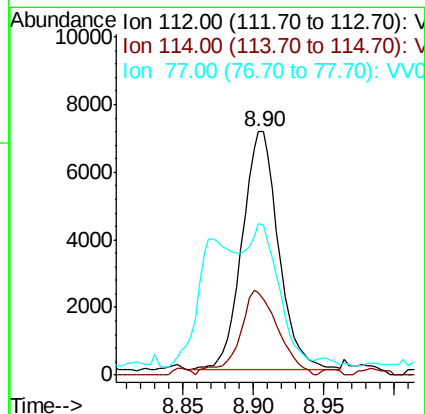
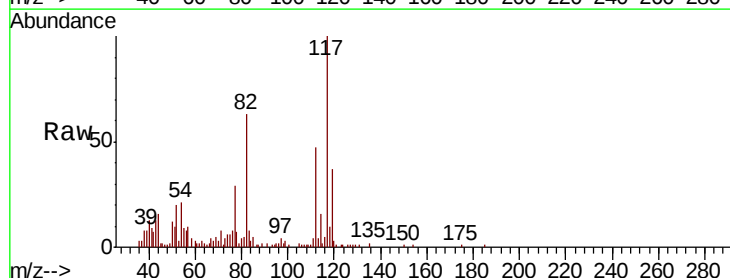
Tgt Ion: 112 Resp: 12849

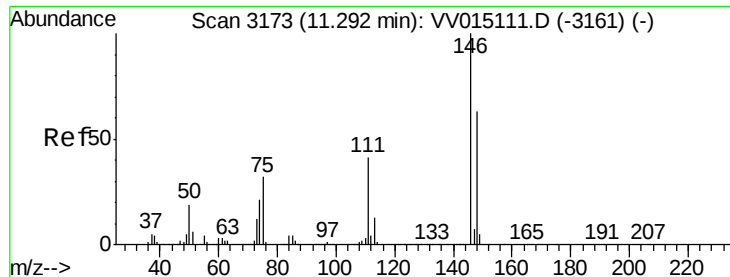
Ion Ratio Lower Upper

112 100

114 34.1 22.3 41.3

77 62.3 48.1 72.1





#63

1,4-Dichlorobenzene

Concen: 1.458 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV015119.D

Acq: 24 Mar 2020 13:23

Instrument :

MSVOA_V

ClientSampled :

C0DC8

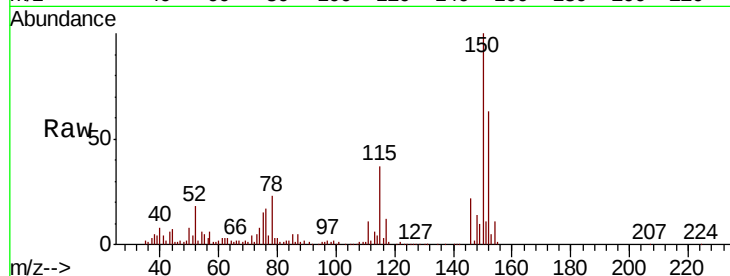
Tot Ion:146 Resp: 14639

Ion Ratio Lower Upper

146 100

111 50.1 28.2 52.4

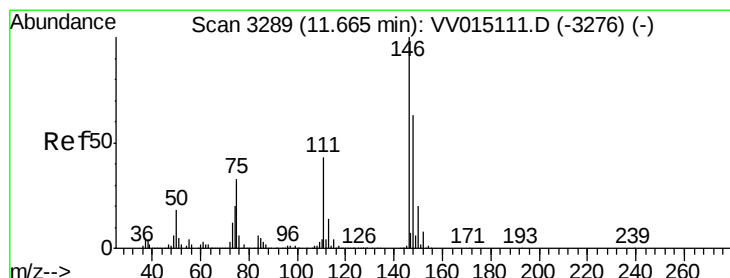
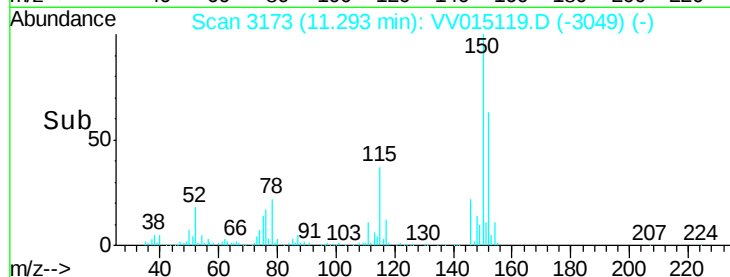
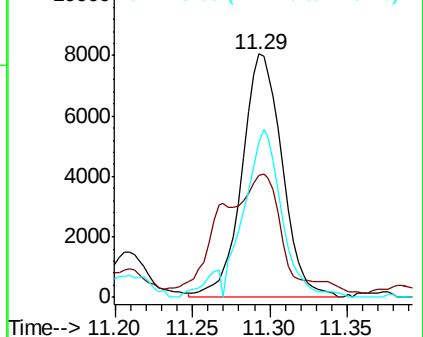
148 63.8 44.9 83.5



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: 1.178 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV015119.D

Acq: 24 Mar 2020 13:23

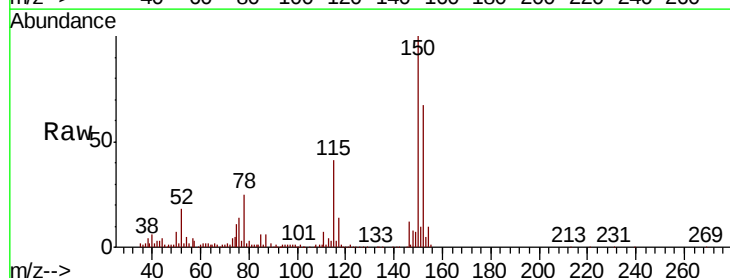
Tgt Ion:146 Resp: 12198

Ion Ratio Lower Upper

146 100

111 60.3 35.2 52.8#

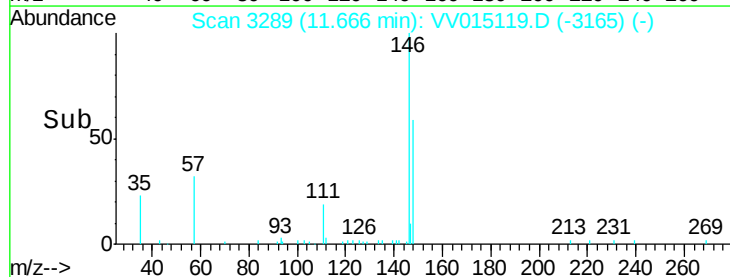
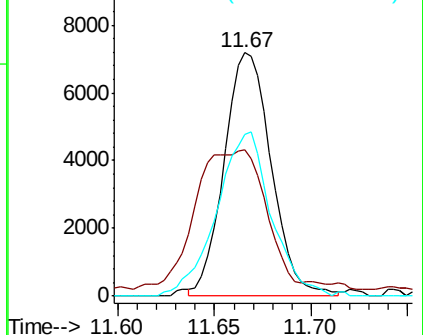
148 66.6 50.6 75.8

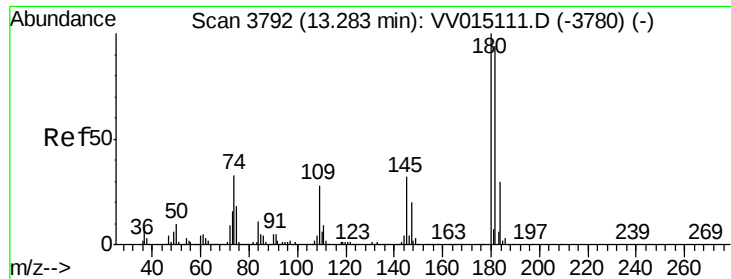


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

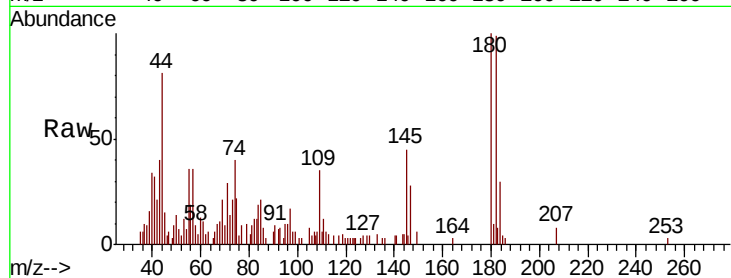




#68
 1,2,4-trichlorobenzene
 Concen: 1.075 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015119.D
 Acq: 24 Mar 2020 13:23

Instrument :
 MSVOA_V
 ClientSampleId :
 C0DC8

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.4	75.5	113.3
145	36.3	26.4	39.6



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

