

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080218\
 Data File : VU025792.D
 Acq On : 02 Aug 2018 12:13
 Operator : MD/SY
 Sample : J4209-04MEDL 50X
 Misc : 6.41g/5mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB9MEDL

Quant Time: Aug 03 05:26:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 04:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	346266	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	324185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	172474	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54170	27.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.80%#
7) Chloroethane-d5	1.68	69	50345	30.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.76%#
11) 1,1-Dichloroethene-d2	2.27	63	88946	21.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	43.22%#
21) 2-Butanone-d5	4.18	46	121751	79.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.78%
24) Chloroform-d	4.65	84	141687	32.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.36%#
26) 1,2-Dichloroethane-d4	5.31	65	101681	34.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.84%#
32) Benzene-d6	5.35	84	267722	32.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.40%#
36) 1,2-Dichloropropane-d6	6.33	67	88784	33.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	66.28%#
41) Toluene-d8	7.57	98	252432	31.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	63.32%#
43) trans-1,3-Dichloropropene-	7.85	79	44053	32.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.38%
47) 2-Hexanone-d5	8.31	63	81786	72.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.91%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	128437	34.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	68.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	117968	33.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.50%#

Target Compounds

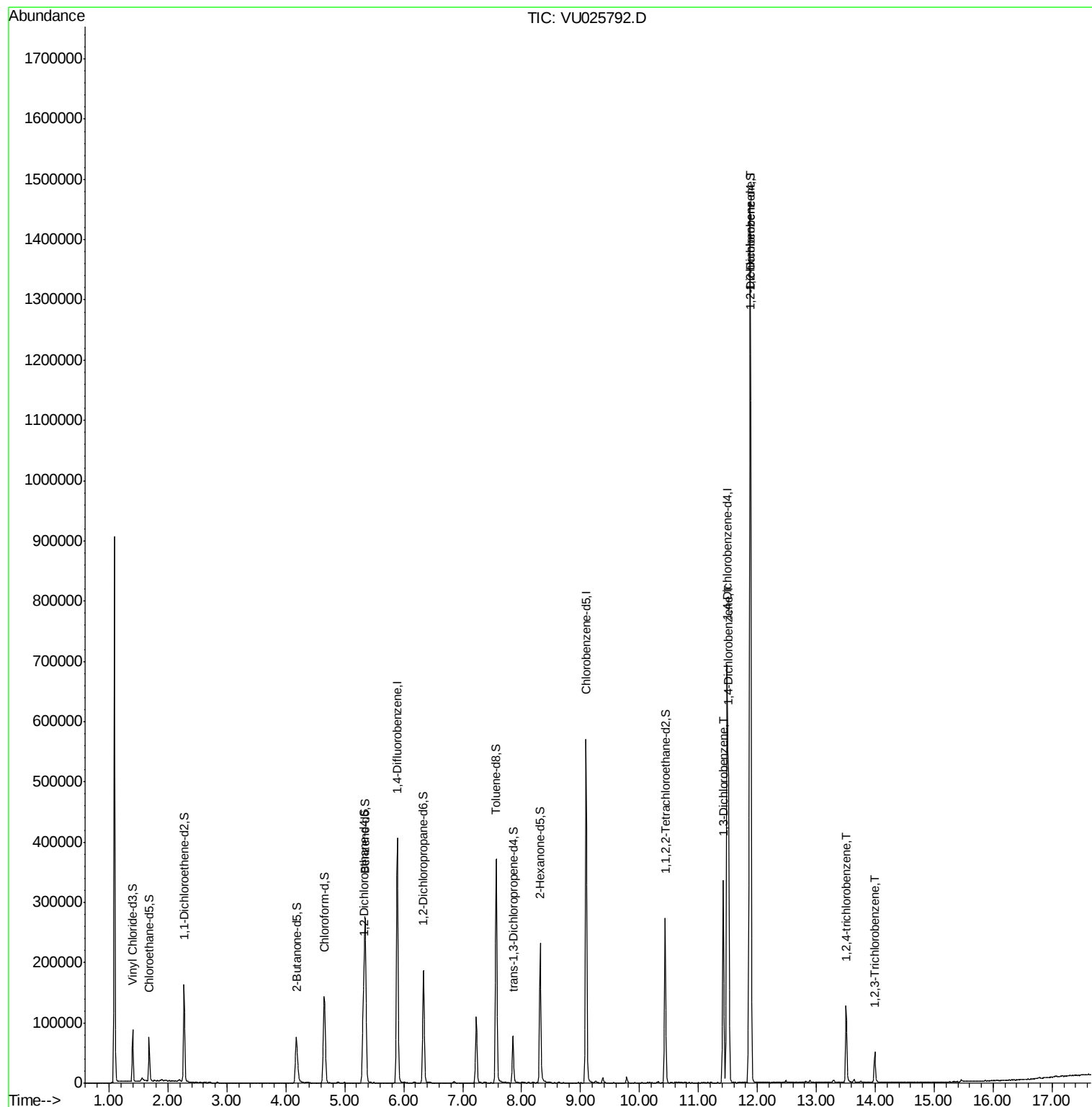
					Ovalue
62) 1,3-Dichlorobenzene	11.42	146	135820	24.90	ug/L 100
63) 1,4-Dichlorobenzene	11.51	146	183007	32.86	ug/L 100
65) 1,2-Dichlorobenzene	11.88	146	563013	98.51	ug/L 99
68) 1,2,4-trichlorobenzene	13.51	180	41829	11.82	ug/L 99
70) 1,2,3-Trichlorobenzene	13.99	180	17866	4.78	ug/L 98

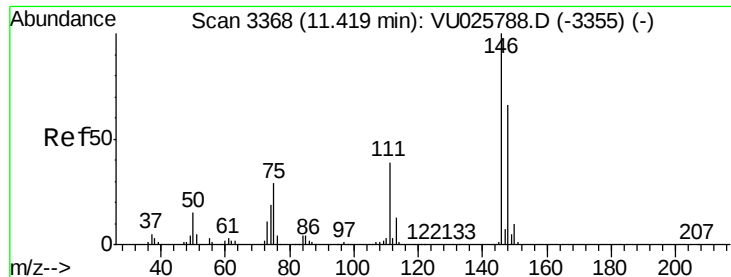
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 03 04:24:02 2018
Response via : Initial Calibration





#62

1,3-Dichlorobenzene

Concen: 24.90 ug/L

RT: 11.42 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VU025792.D

Acq: 02 Aug 2018 12:13

Instrument :

MSVOA_U

ClientSampleId :

C0AB9MEDL

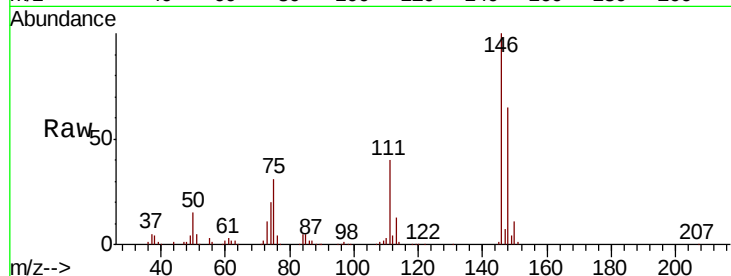
Tot Ion:146 Resp: 135820

Ion Ratio Lower Upper

146 100

111 39.9 27.7 51.5

148 65.2 45.5 84.5

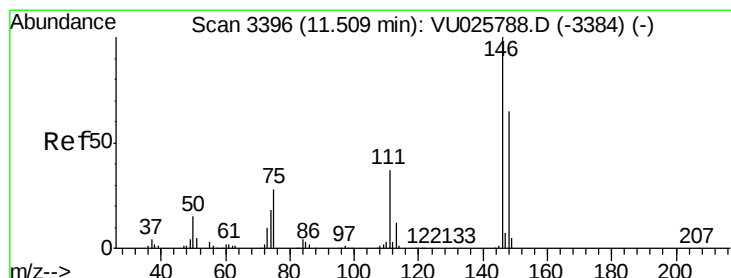
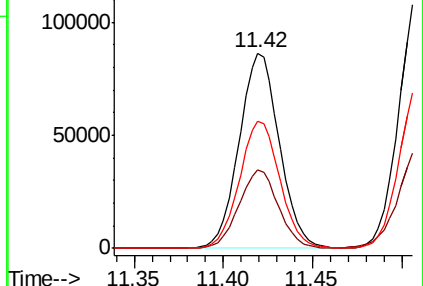
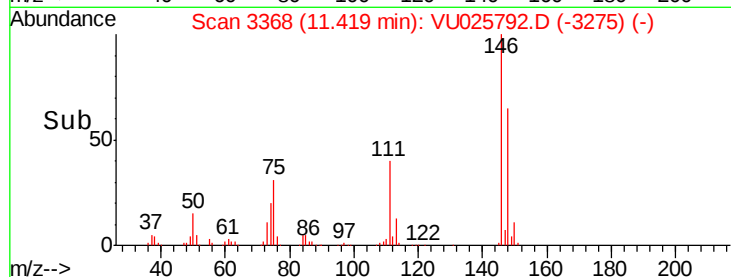


Abundance

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



#63

1,4-Dichlorobenzene

Concen: 32.86 ug/L

RT: 11.51 min Scan# 3396

Delta R.T. -0.00 min

Lab File: VU025792.D

Acq: 02 Aug 2018 12:13

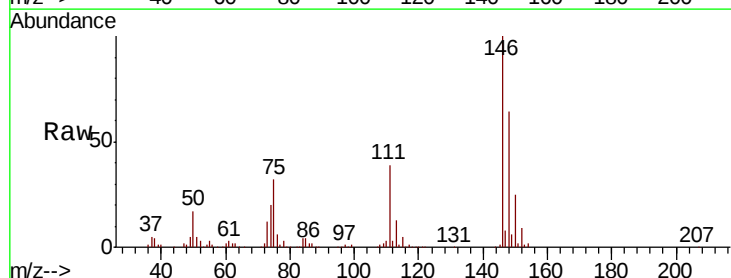
Tgt Ion:146 Resp: 183007

Ion Ratio Lower Upper

146 100

111 38.7 26.9 49.9

148 63.9 44.6 82.8

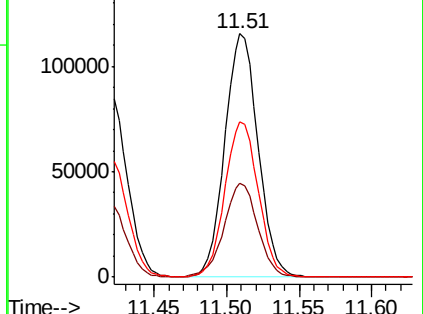
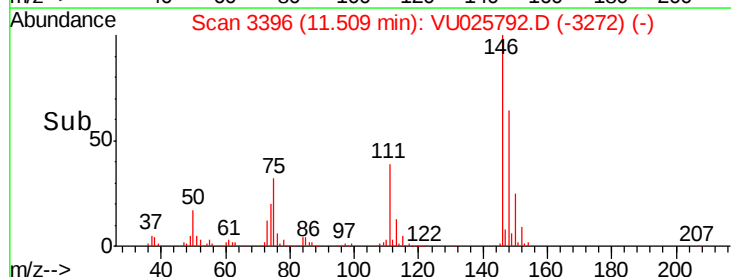


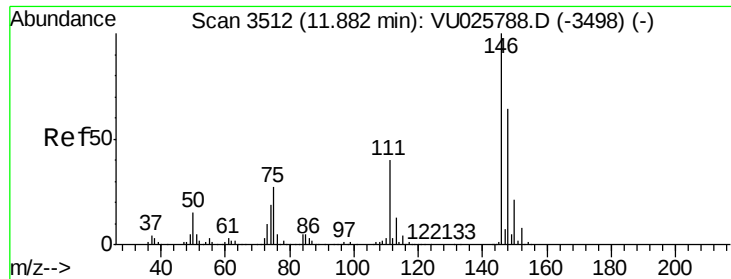
Abundance

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





#65

1,2-Dichlorobenzene

Concen: 98.51 ug/L

RT: 11.88 min Scan# 3512

Delta R.T. -0.00 min

Lab File: VU025792.D

Acq: 02 Aug 2018 12:13

Instrument :

MSVOA_U

ClientSampleId :

C0AB9MEDL

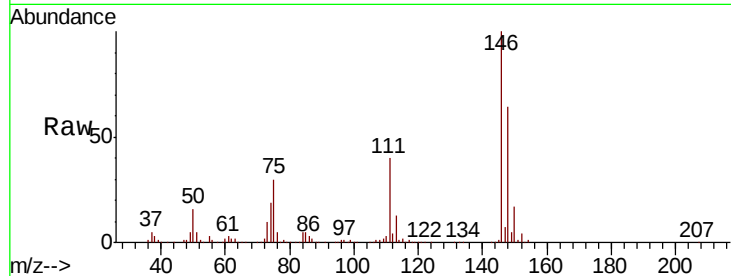
Tot Ion:146 Resp: 563013

Ion Ratio Lower Upper

146 100

111 39.9 32.4 48.6

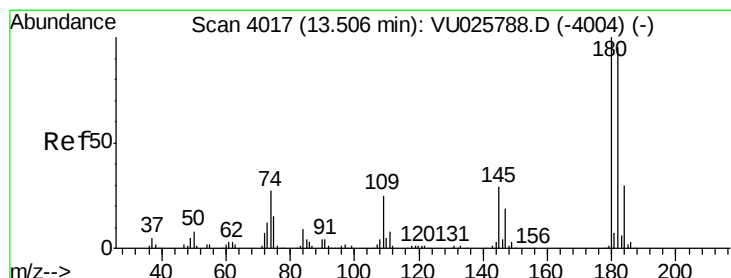
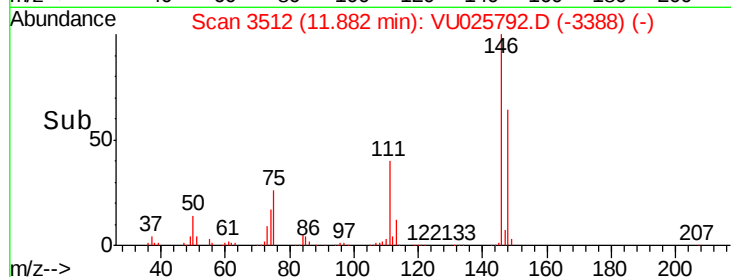
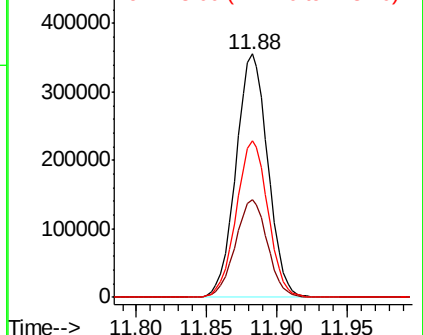
148 64.2 50.7 76.1



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: 11.82 ug/L

RT: 13.51 min Scan# 4017

Delta R.T. -0.00 min

Lab File: VU025792.D

Acq: 02 Aug 2018 12:13

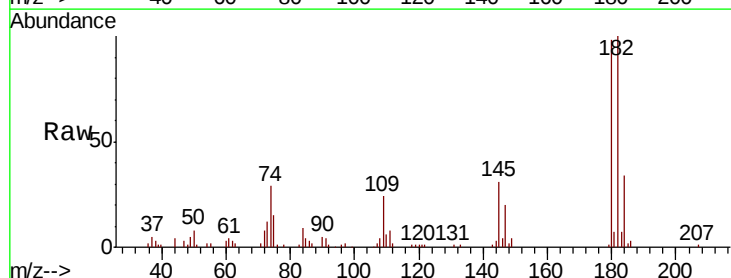
Tgt Ion:180 Resp: 41829

Ion Ratio Lower Upper

180 100

182 98.4 78.1 117.1

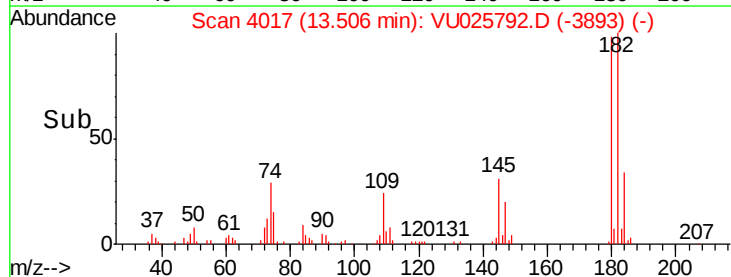
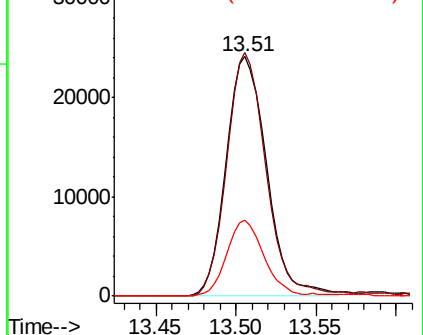
145 28.9 23.4 35.2

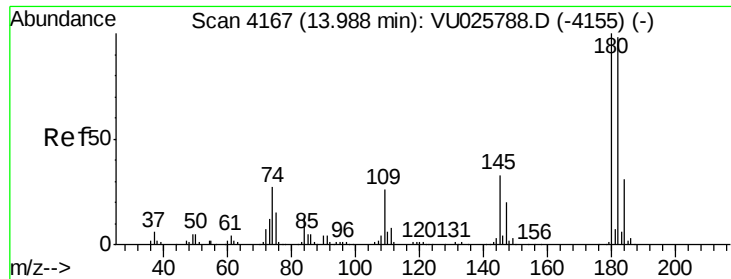


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

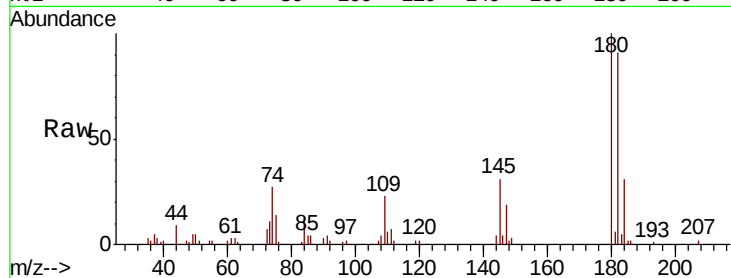




#70
 1,2,3-Trichlorobenzene
 Concen: 4.78 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. 0.00 min
 Lab File: VU025792.D
 Acq: 02 Aug 2018 12:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB9MEDL

Tot Ion	180	Resp	17866
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.6	114.8
145	33.1	25.4	38.2



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

