

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120718\
 Data File : VW007313.D
 Acq On : 07 Dec 2018 17:57
 Operator : SY/AP
 Sample : VW1207SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK83

Quant Time: Dec 08 02:06:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 08 02:02:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	135713	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	119791	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	54964	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	22416	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.44%
7) Chloroethane-d5	2.89	69	17973	24.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.04%
10) 1,1-Dichloroethene-d2	4.01	63	54738	17.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.80%
20) 2-Butanone-d5	7.07	46	22726	40.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.58%
24) Chloroform-d	7.65	84	71409	22.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	8.31	65	42627	23.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.56%
29) Benzene-d6	8.27	84	147226	22.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.52%
33) 1,2-Dichloropropane-d6	9.27	67	41338	22.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.04%
37) Toluene-d8	10.32	98	137926	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.44%
38) trans-1,3-Dichloropropene-	10.58	79	20229	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.24%
39) 2-Hexanone-d5	10.93	63	18311	40.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35433	20.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	45834	23.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.80%

Target Compounds

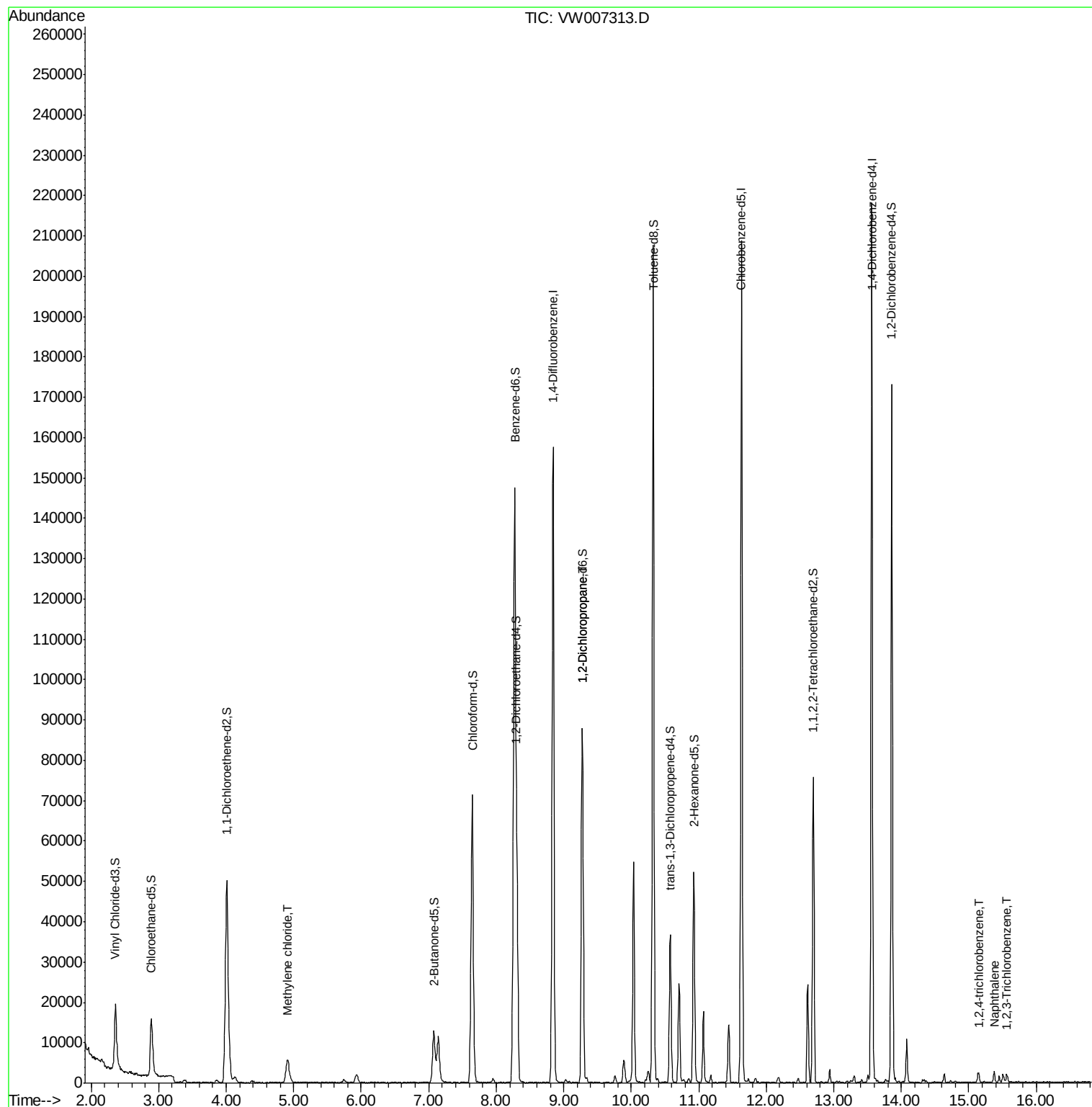
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.91	84	4720	2.152	ug/L	94
40) 1,2-Dichloropropane	9.27	63	4687	2.791	ug/L #	86
68) 1,2,4-trichlorobenzene	15.15	180	1043	0.473	ug/L	97
69) Naphthalene	15.38	128	2558	0.469	ug/L #	81
70) 1,2,3-Trichlorobenzene	15.57	180	986	0.492	ug/L #	92

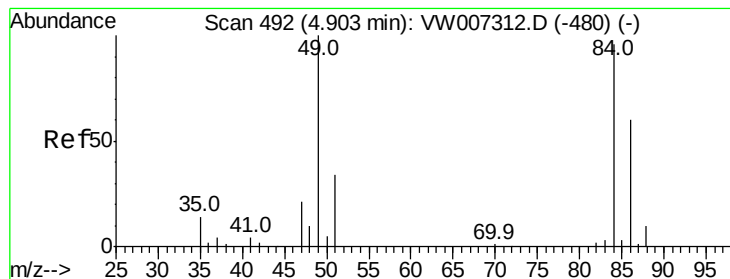
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 08 02:02:23 2018
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.152 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

VBLK83

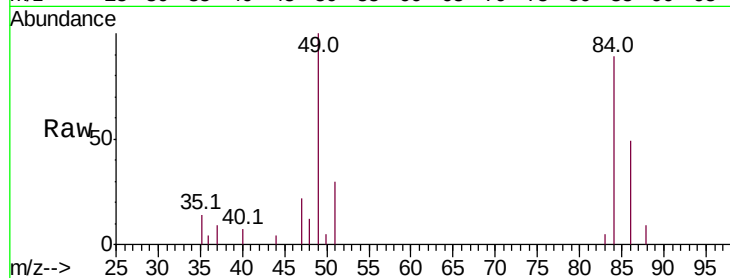
Tot Ion: 84 Resp: 4720

Ion Ratio Lower Upper

84 100

49 112.9 80.8 150.2

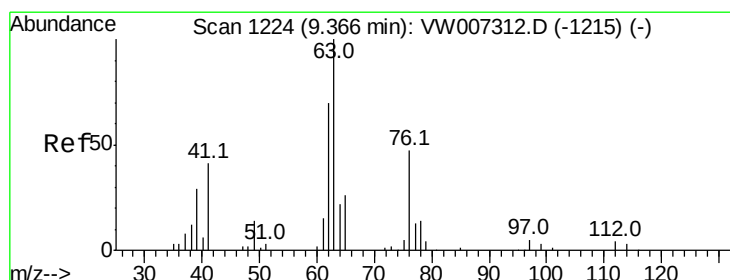
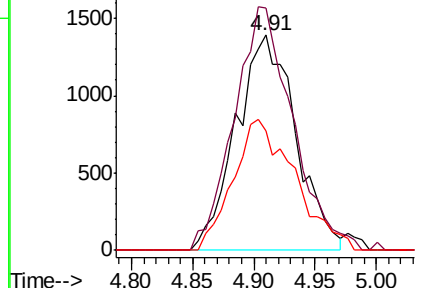
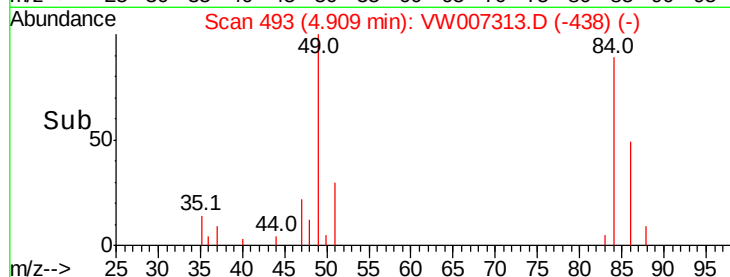
86 55.6 45.8 85.2



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#40

1,2-Dichloropropane

Concen: 2.791 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW007313.D

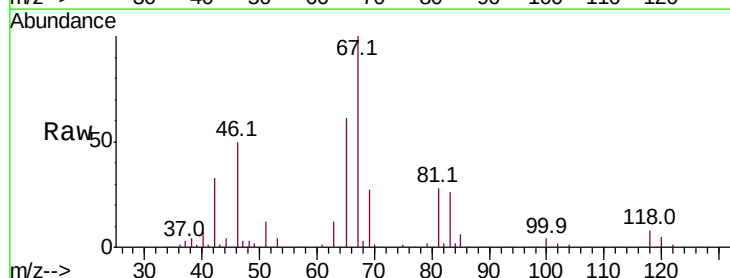
Acq: 07 Dec 2018 17:57

Tgt Ion: 63 Resp: 4687

Ion Ratio Lower Upper

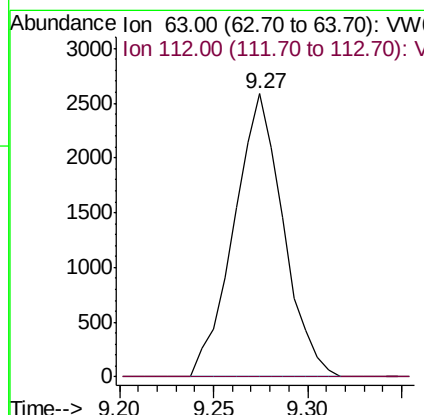
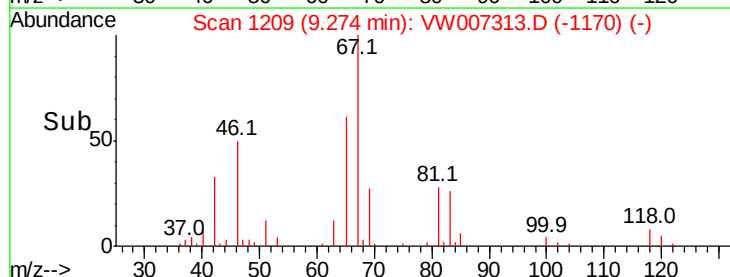
63 100

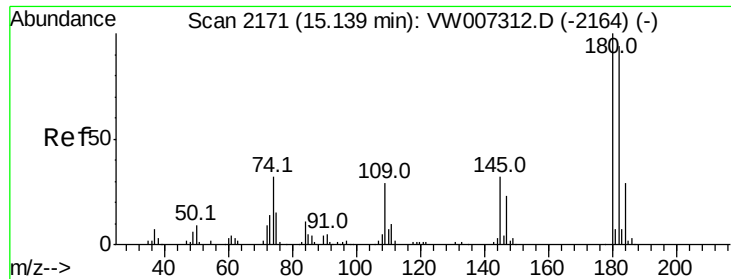
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

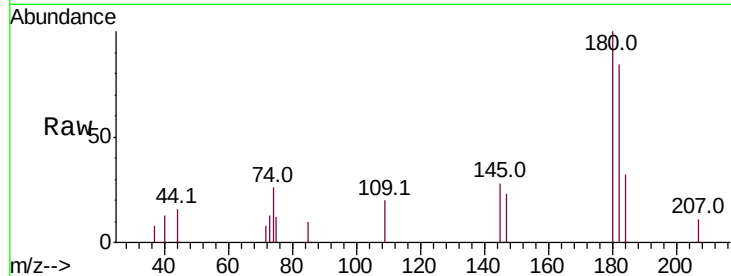




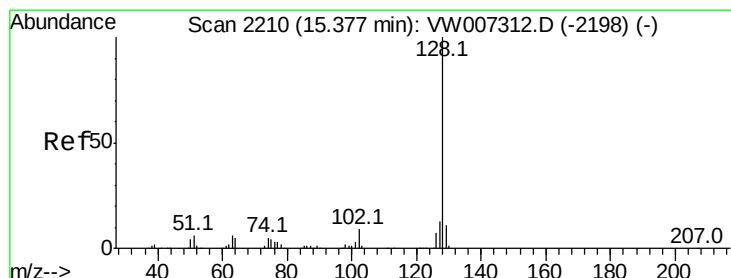
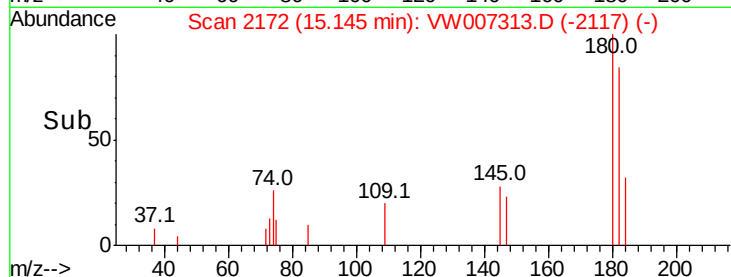
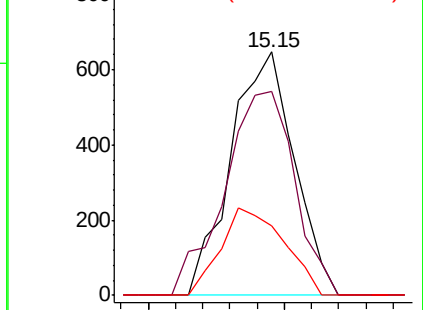
#68
1,2,4-trichlorobenzene
Concen: 0.473 ug/L
RT: 15.15 min Scan# 2172
Delta R.T. 0.01 min
Lab File: VW007313.D
Acq: 07 Dec 2018 17:57

Instrument :
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ClientSampleId :
VBLK83

Tot Ion:180 Resp: 1043
Ion Ratio Lower Upper
180 100
182 92.9 77.4 116.2
145 35.9 28.4 42.6

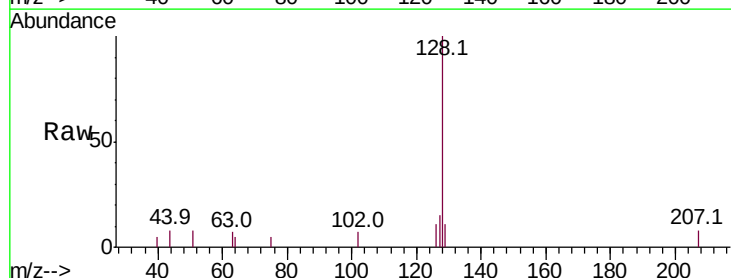


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

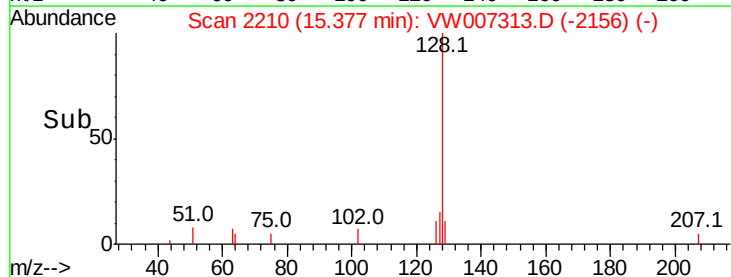
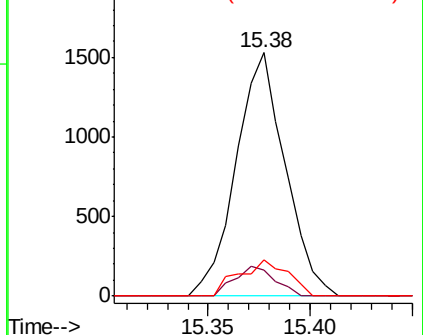


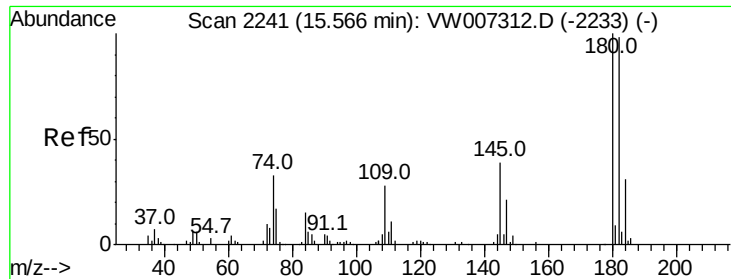
#69
Naphthalene
Concen: 0.469 ug/L
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007313.D
Acq: 07 Dec 2018 17:57

Tgt Ion:128 Resp: 2558
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 9.0 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

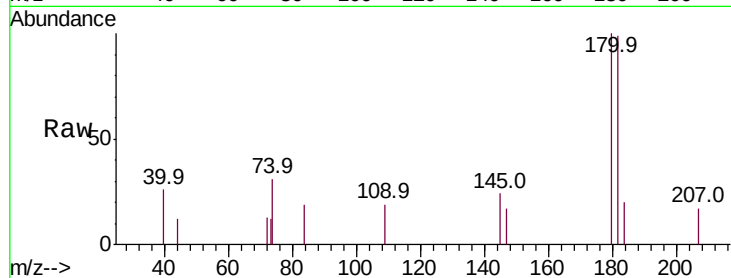




#70
 1,2,3-Trichlorobenzene
 Concen: 0.492 ug/L
 RT: 15.57 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW007313.D
 Acq: 07 Dec 2018 17:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK83

Tot Ion:180 Resp: 986
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.2 114.4
 145 16.4 27.4 41.0#



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

