

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\U120718\
 Data File : VU028536.D
 Acq On : 07 Dec 2018 16:56
 Operator : MD/SY
 Sample : J6238-04
 Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE7Z5

Quant Time: Dec 15 03:44:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 00:46:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	141733	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143665	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75834	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56769	42.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.78%
7) Chloroethane-d5	1.64	69	51619	52.02	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.04%
11) 1,1-Dichloroethene-d2	2.24	63	76326	32.70	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.40%
21) 2-Butanone-d5	4.19	46	103169	97.05	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.05%
24) Chloroform-d	4.64	84	92041	43.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.86%
26) 1,2-Dichloroethane-d4	5.30	65	63984	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
32) Benzene-d6	5.33	84	196765	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.33	67	70993	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.02%
41) Toluene-d8	7.56	98	174049	42.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.98%
43) trans-1,3-Dichloropropene-	7.85	79	33613	45.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.12%
47) 2-Hexanone-d5	8.32	63	79944	102.33	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104129	49.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	72127	46.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.76%

Target Compounds

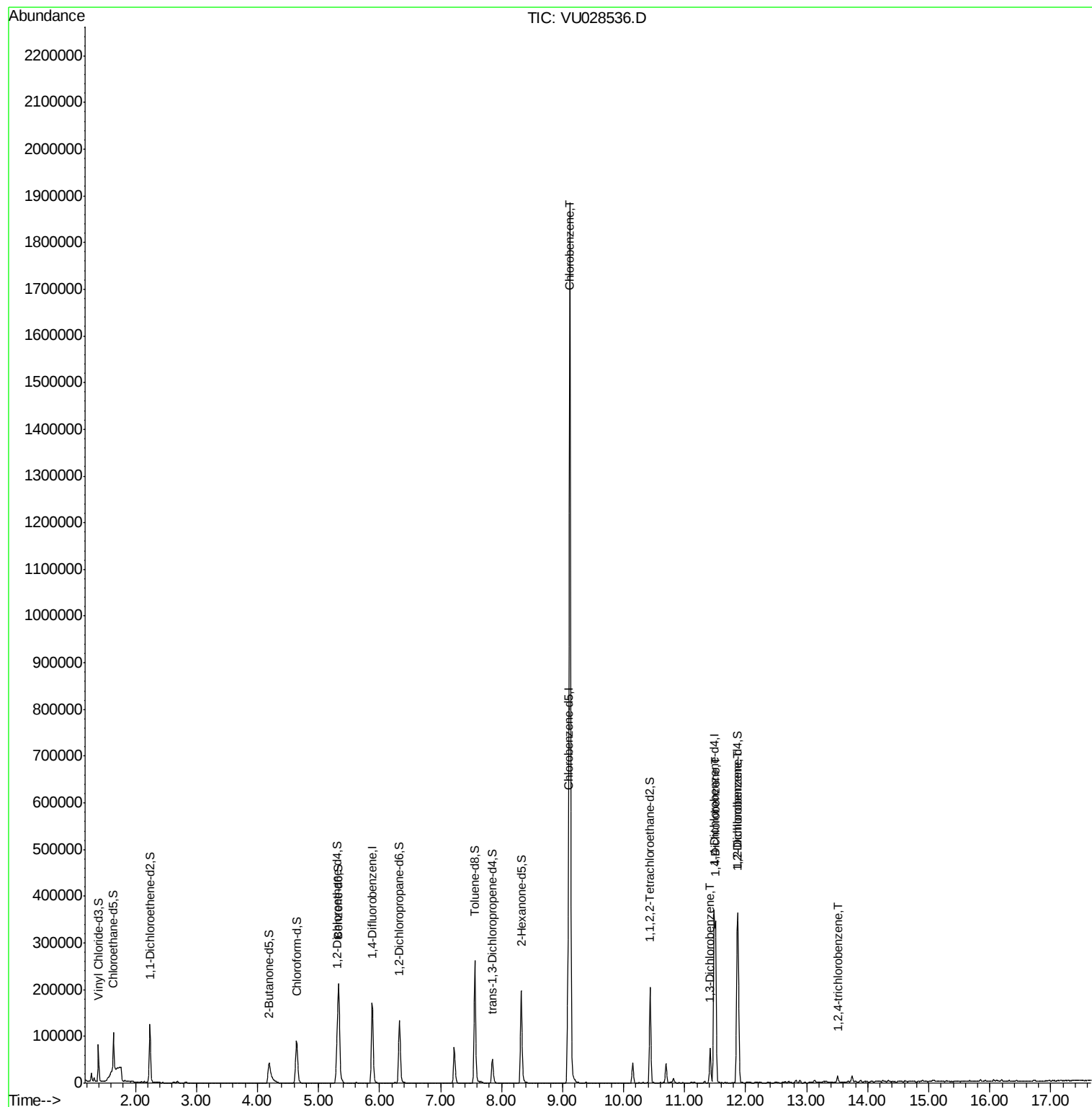
					Ovalue
51) Chlorobenzene	9.12	112	972041	309.941	ug/L 99
62) 1,3-Dichlorobenzene	11.42	146	29185	11.276	ug/L 98
63) 1,4-Dichlorobenzene	11.51	146	117602	44.901	ug/L 99
65) 1,2-Dichlorobenzene	11.88	146	94314	36.471	ug/L 99
68) 1,2,4-trichlorobenzene	13.50	180	4379	2.484	ug/L 98

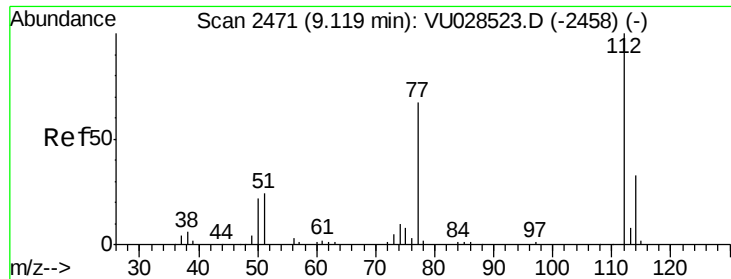
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU120718\
Data File : VU028536.D
Acq On : 07 Dec 2018 16:56
Operator : MD/SY
Sample : J6238-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE7Z5

Quant Time: Dec 15 03:44:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 11 00:46:45 2018
Response via : Initial Calibration

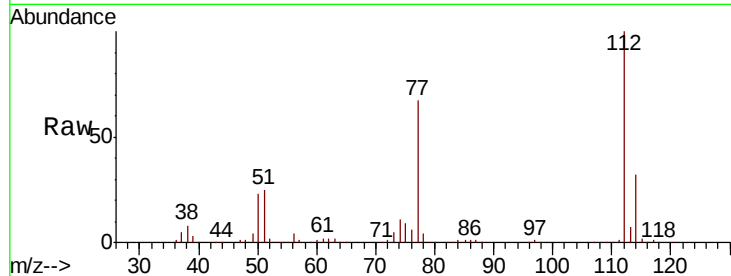




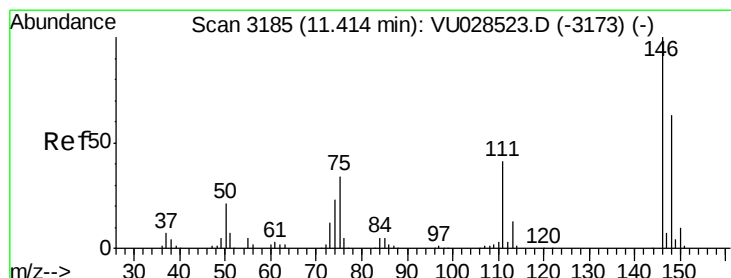
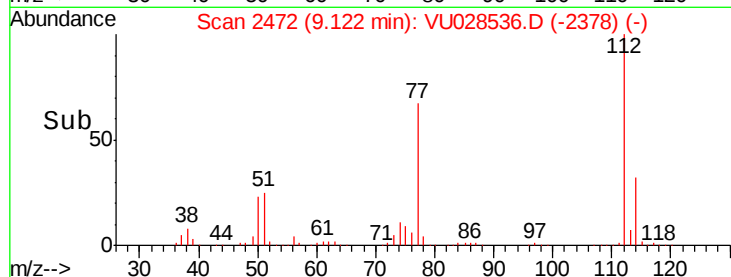
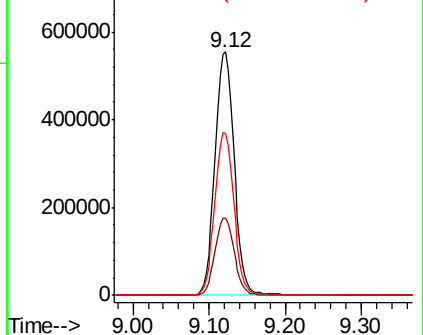
#51
Chlorobenzene
Concen: 309.941 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU028536.D
Acq: 07 Dec 2018 16:56

Instrument :
MSVOA_U
ClientSampleId :
BE7Z5

Tot Ion:112 Resp: 972041
Ion Ratio Lower Upper
112 100
114 31.9 23.0 42.6
77 66.6 53.9 80.9

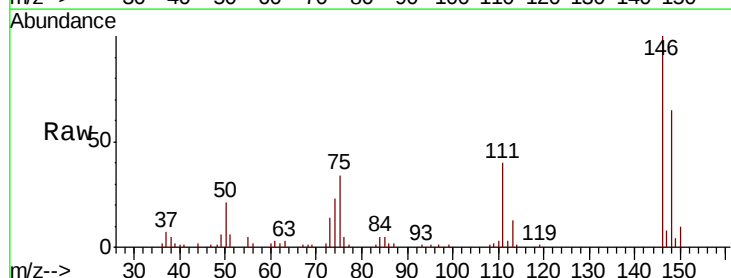


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

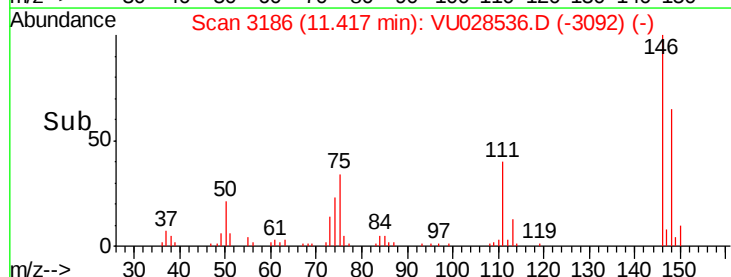
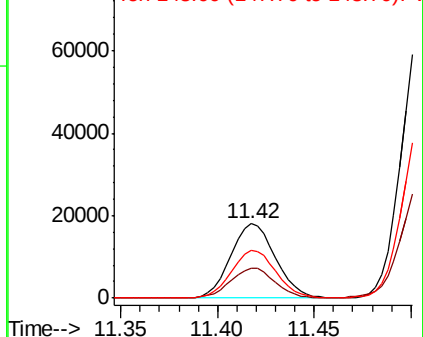


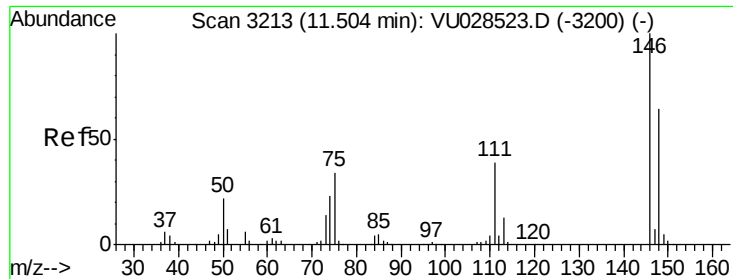
#62
1,3-Dichlorobenzene
Concen: 11.276 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU028536.D
Acq: 07 Dec 2018 16:56

Tgt Ion:146 Resp: 29185
Ion Ratio Lower Upper
146 100
111 40.1 28.5 52.9
148 64.8 43.9 81.5



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

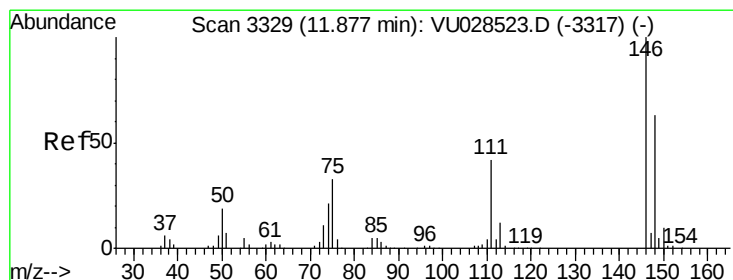
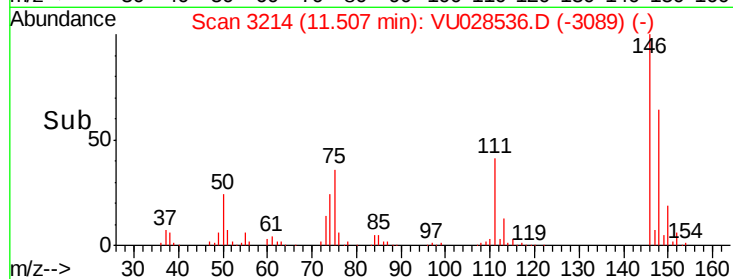
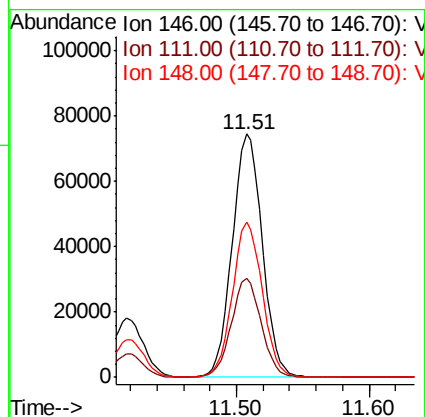
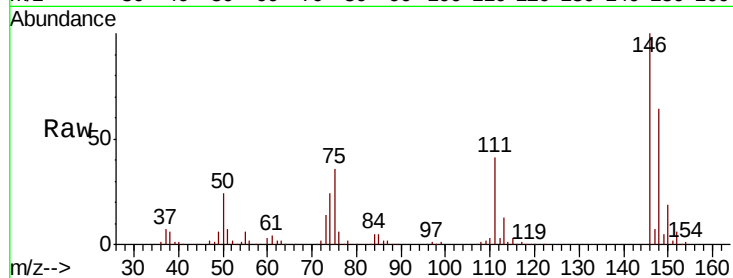




#63
 1,4-Dichlorobenzene
 Concen: 44.901 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU028536.D
 Acq: 07 Dec 2018 16:56

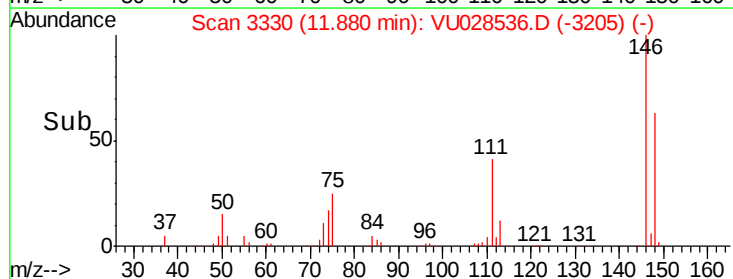
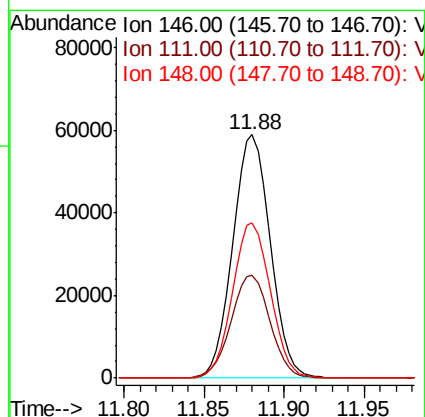
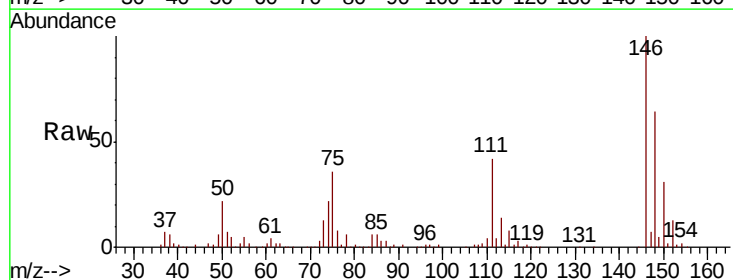
Instrument :
 MSVOA_U
 ClientSampleId :
 BE7Z5

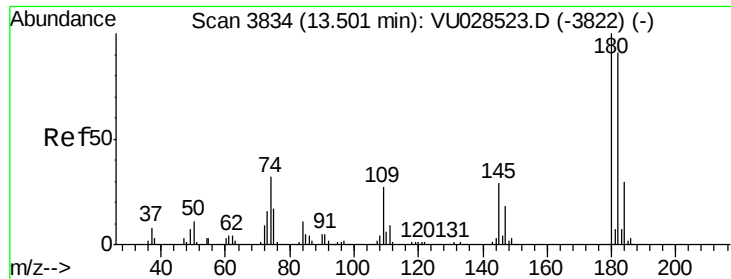
Tot Ion:146 Resp: 117602
 Ion Ratio Lower Upper
 146 100
 111 40.6 27.6 51.4
 148 63.7 45.1 83.9



#65
 1,2-Dichlorobenzene
 Concen: 36.471 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU028536.D
 Acq: 07 Dec 2018 16:56

Tgt Ion:146 Resp: 94314
 Ion Ratio Lower Upper
 146 100
 111 42.1 33.4 50.2
 148 63.7 50.2 75.2

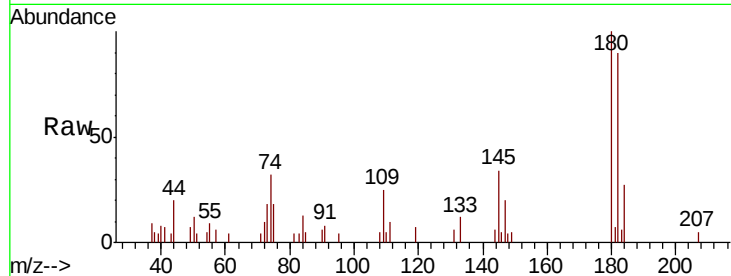




#68
 1,2,4-trichlorobenzene
 Concen: 2.484 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU028536.D
 Acq: 07 Dec 2018 16:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BE7Z5

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	74.8	112.2
145	31.3	23.0	34.6



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

