

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102518\
 Data File : VU027815.D
 Acq On : 25 Oct 2018 21:58
 Operator : MD/SY
 Sample : J5635-23MEDL 100X
 Misc : 4.77g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A40F9MEDL

Quant Time: Oct 26 03:07:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 02:27:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	100629	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	95882	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48326	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26794	34.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.44%
7) Chloroethane-d5	1.68	69	21259	35.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.54%
11) 1,1-Dichloroethene-d2	2.28	63	40717	28.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.74%#
21) 2-Butanone-d5	4.18	46	53247	79.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.80%
24) Chloroform-d	4.65	84	53846	38.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.52%
26) 1,2-Dichloroethane-d4	5.31	65	40507	41.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.12%
32) Benzene-d6	5.34	84	99962	36.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.22%
36) 1,2-Dichloropropane-d6	6.33	67	37050	38.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.00%
41) Toluene-d8	7.57	98	94327	37.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.90%#
43) trans-1,3-Dichloropropene-	7.85	79	17615	37.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.42%
47) 2-Hexanone-d5	8.31	63	38352	76.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47879	38.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	36489	36.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.72%#

Target Compounds

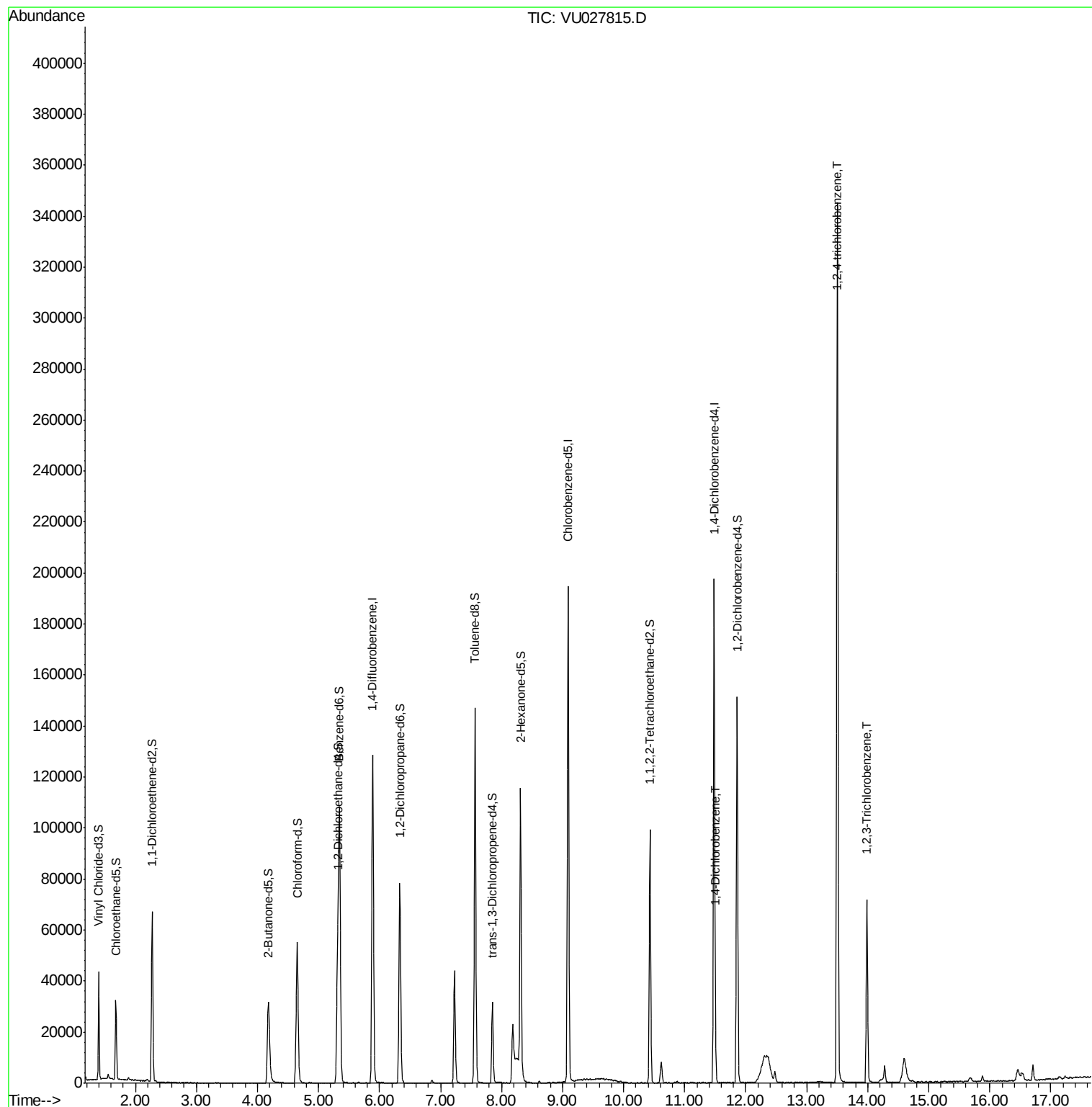
					Ovalue
63) 1,4-Dichlorobenzene	11.51	146	2348	1.589 ug/L	91
68) 1,2,4-trichlorobenzene	13.50	180	101555	102.071 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	21796	20.961 ug/L	99

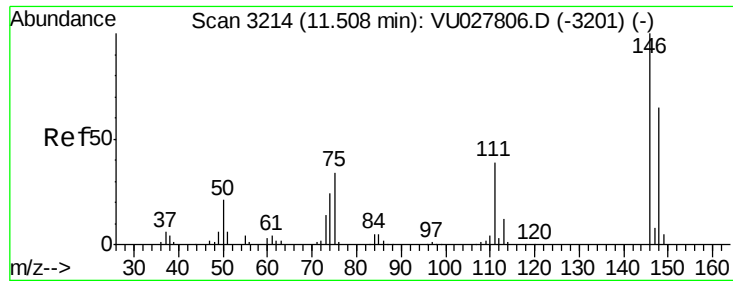
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#63

1,4-Dichlorobenzene

Concen: 1.589 ug/L

RT: 11.51 min Scan# 3215

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

A40F9MEDL

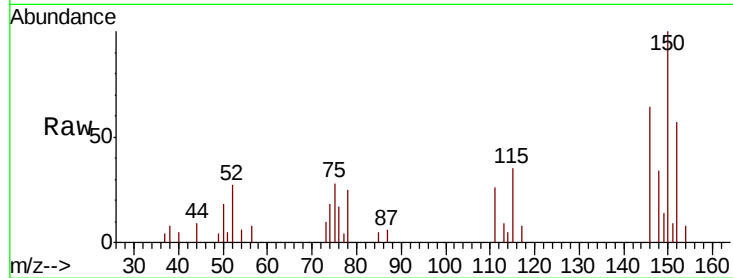
Tot Ion:146 Resp: 2348

Ion Ratio Lower Upper

146 100

111 40.4 27.5 51.1

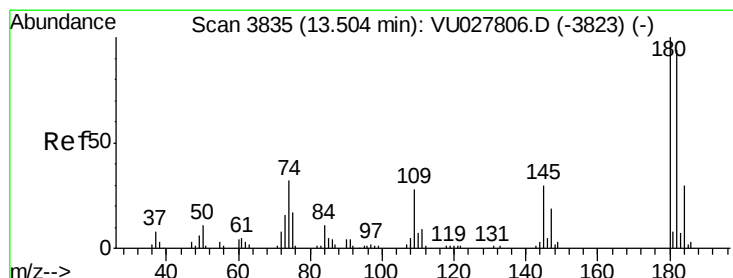
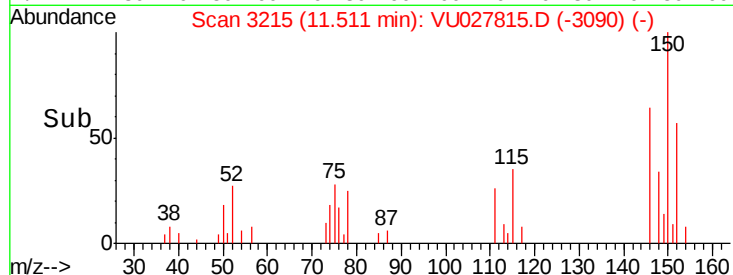
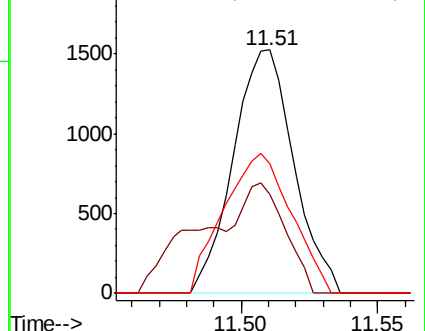
148 53.1 44.1 81.9



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: 102.071 ug/L

RT: 13.50 min Scan# 3834

Delta R.T. -0.00 min

Lab File: VU027815.D

Acq: 25 Oct 2018 21:58

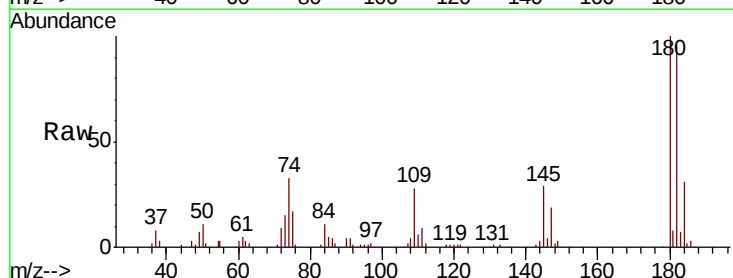
Tgt Ion:180 Resp: 101555

Ion Ratio Lower Upper

180 100

182 96.5 77.1 115.7

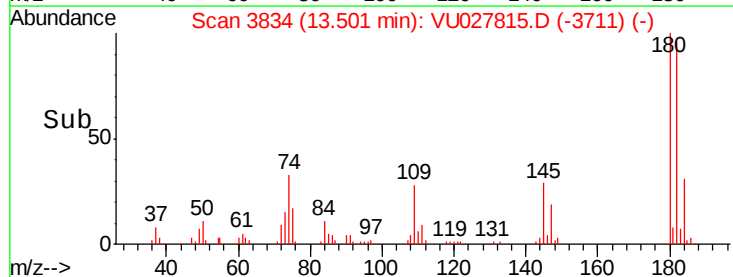
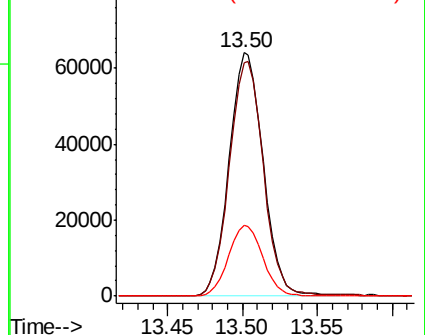
145 29.4 23.4 35.0

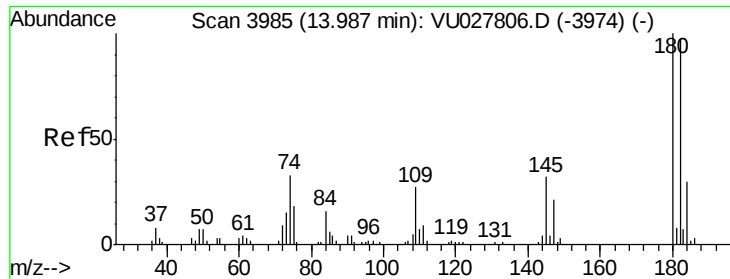


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

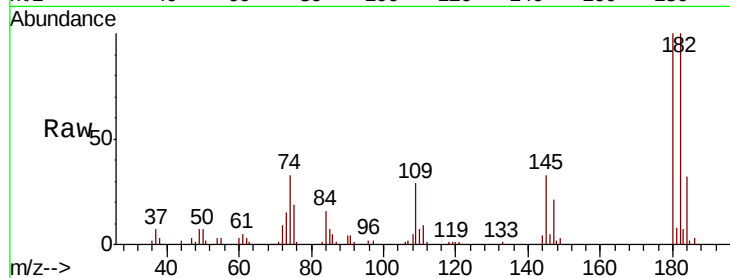




#70
 1,2,3-Trichlorobenzene
 Concen: 20.961 ug/L
 RT: 13.99 min Scan# 3985
 Delta R.T. -0.00 min
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Tot Ion	Ion	Ratio	Lower	Upper
180	100			
182	96.1	77.8	116.6	
145	31.7	25.0	37.4	



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

