

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102518\
 Data File : VU027814.D
 Acq On : 25 Oct 2018 21:35
 Operator : MD/SY
 Sample : J5635-23ME 20X
 Misc : 4.77g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A40F9ME

Quant Time: Oct 26 02:59:36 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	99473	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	95827	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48489	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26686	34.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.96%
7) Chloroethane-d5	1.68	69	21009	35.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.52%
11) 1,1-Dichloroethene-d2	2.27	63	40048	28.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.46%#
21) 2-Butanone-d5	4.18	46	52322	79.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.33%
24) Chloroform-d	4.65	84	53250	38.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.54%
26) 1,2-Dichloroethane-d4	5.31	65	40413	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.90%
32) Benzene-d6	5.34	84	100575	36.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.70%
36) 1,2-Dichloropropane-d6	6.33	67	37233	38.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.42%
41) Toluene-d8	7.57	98	93850	37.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.56%#
43) trans-1,3-Dichloropropene-	7.85	79	17437	36.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.70%
47) 2-Hexanone-d5	8.31	63	36896	74.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47500	37.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	37610	37.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.74%#

Target Compounds

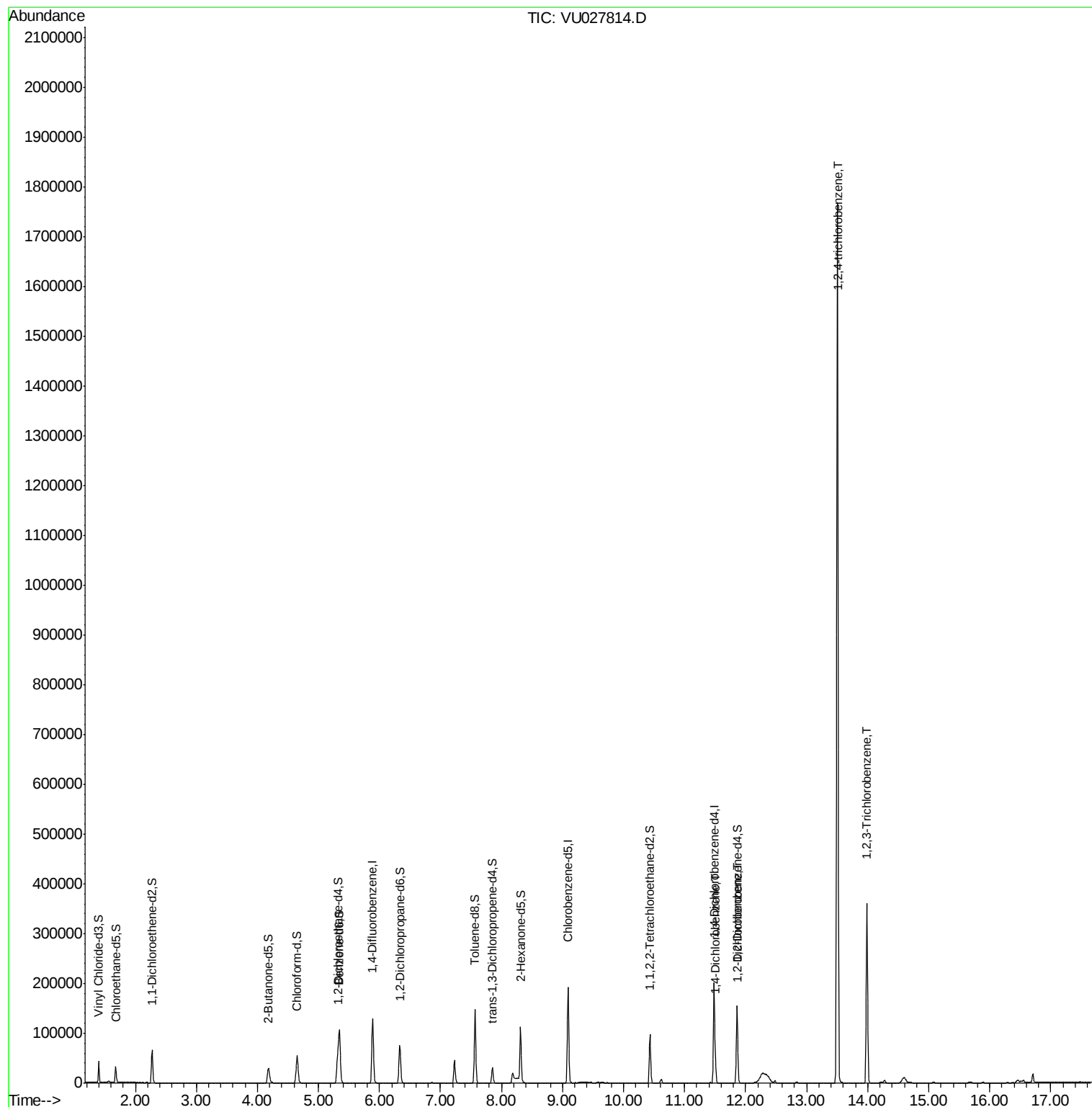
					Ovalue
63) 1,4-Dichlorobenzene	11.51	146	10305	6.951 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	1333	0.891 ug/L #	90
68) 1,2,4-trichlorobenzene	13.50	180	507717	508.580 ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	105798	101.401 ug/L	98

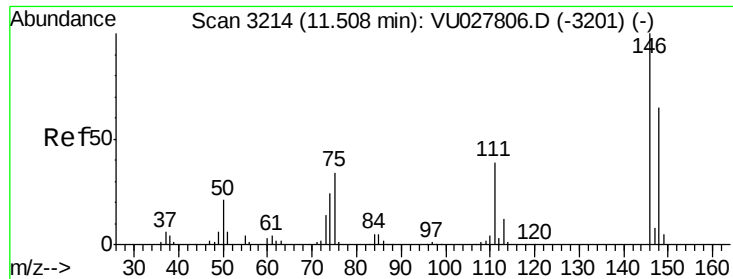
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#63

1,4-Dichlorobenzene

Concen: 6.951 ug/L

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027814.D

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Instrument :

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ClientSampleId :

A40F9ME

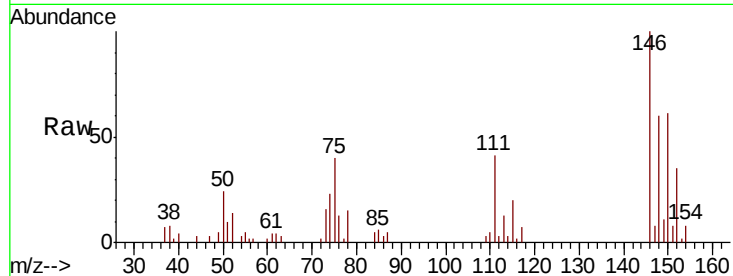
Tot Ion:146 Resp: 10305

Ion Ratio Lower Upper

146 100

111 40.5 27.5 51.1

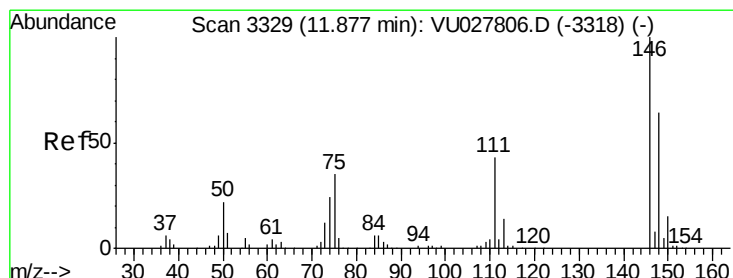
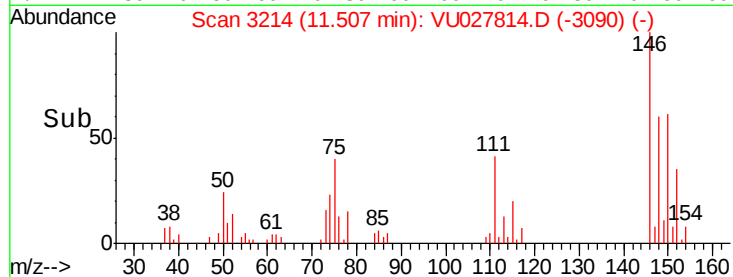
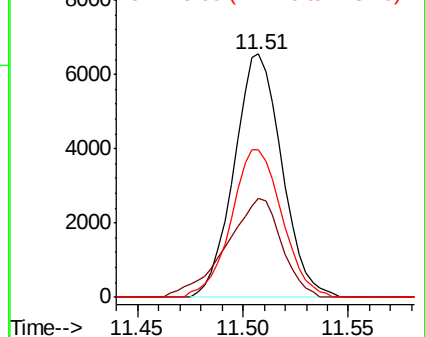
148 60.5 44.1 81.9



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



#65

1,2-Dichlorobenzene

Concen: 0.891 ug/L

RT: 11.88 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VU027814.D

Acq: 25 Oct 2018 21:35

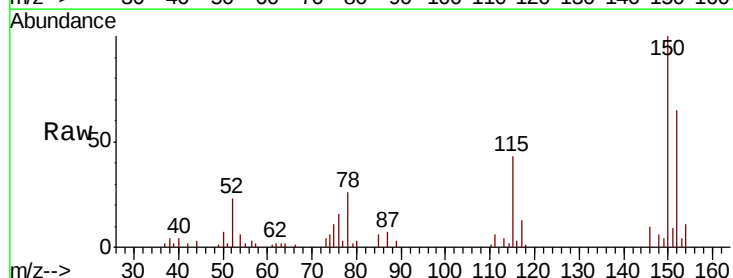
Tgt Ion:146 Resp: 1333

Ion Ratio Lower Upper

146 100

111 54.6 33.8 50.8#

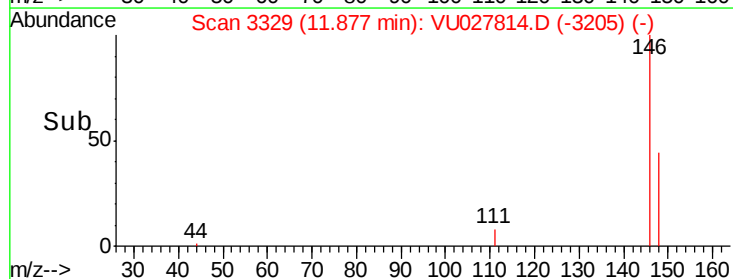
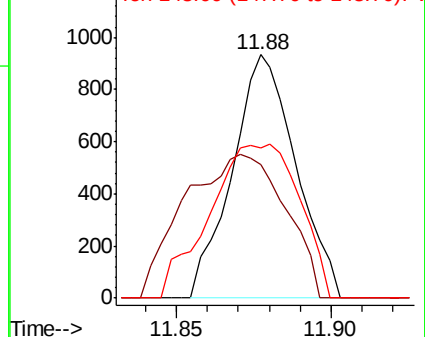
148 61.8 51.5 77.3

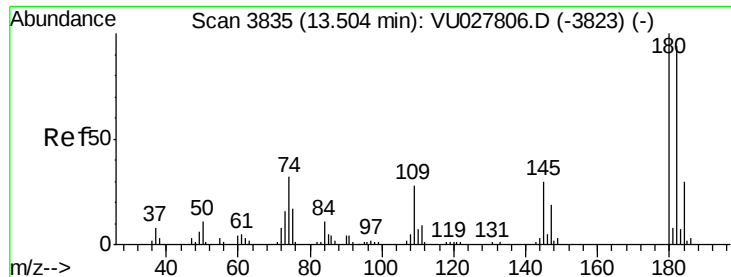


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

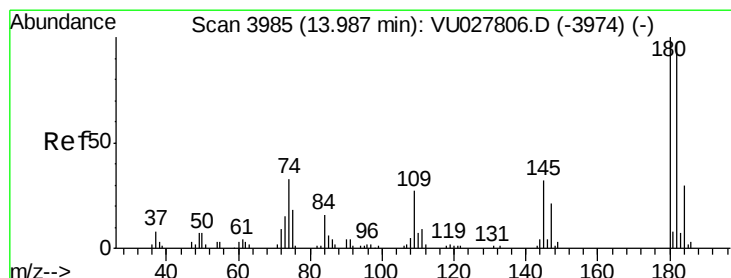
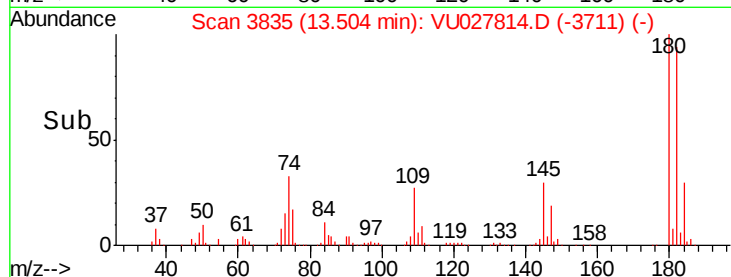
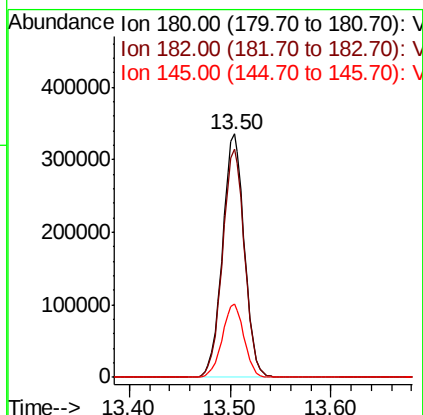
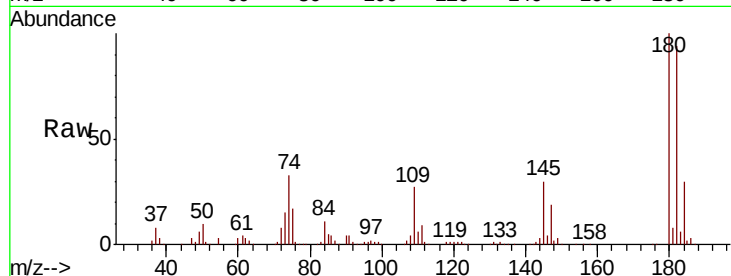




#68
 1,2,4-trichlorobenzene
 Concen: 508.580 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU027814.D
 Acq: 25 Oct 2018 21:35

Instrument :
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 ClientSampleId :
 A40F9ME

Tot Ion:180 Resp: 507717
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.1 115.7
 145 30.1 23.4 35.0



#70
 1,2,3-Trichlorobenzene
 Concen: 101.401 ug/L
 RT: 13.99 min Scan# 3985
 Delta R.T. -0.00 min
 Lab File: VU027814.D
 Acq: 25 Oct 2018 21:35

Tgt Ion:180 Resp: 105798
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.8 116.6
 145 30.8 25.0 37.4

