

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
 Data File : VU025991.D
 Acq On : 09 Aug 2018 13:09
 Operator : MD/SY
 Sample : J4361-04 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZB3

Quant Time: Aug 10 05:46:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 10 05:14:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	299806	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	280370	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	120042	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	104694	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.54%
7) Chloroethane-d5	1.68	69	86626	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.72%
11) 1,1-Dichloroethene-d2	2.27	63	152931	36.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.46%
21) 2-Butanone-d5	4.18	46	176842	96.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.82%
24) Chloroform-d	4.65	84	226156	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
26) 1,2-Dichloroethane-d4	5.31	65	157497	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
32) Benzene-d6	5.35	84	446394	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
36) 1,2-Dichloropropane-d6	6.33	67	142701	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.32%
41) Toluene-d8	7.57	98	407569	48.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.86%
43) trans-1,3-Dichloropropene-	7.85	79	72390	51.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.00%
47) 2-Hexanone-d5	8.31	63	129185	100.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.97%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	202078	49.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	159326	53.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.68%

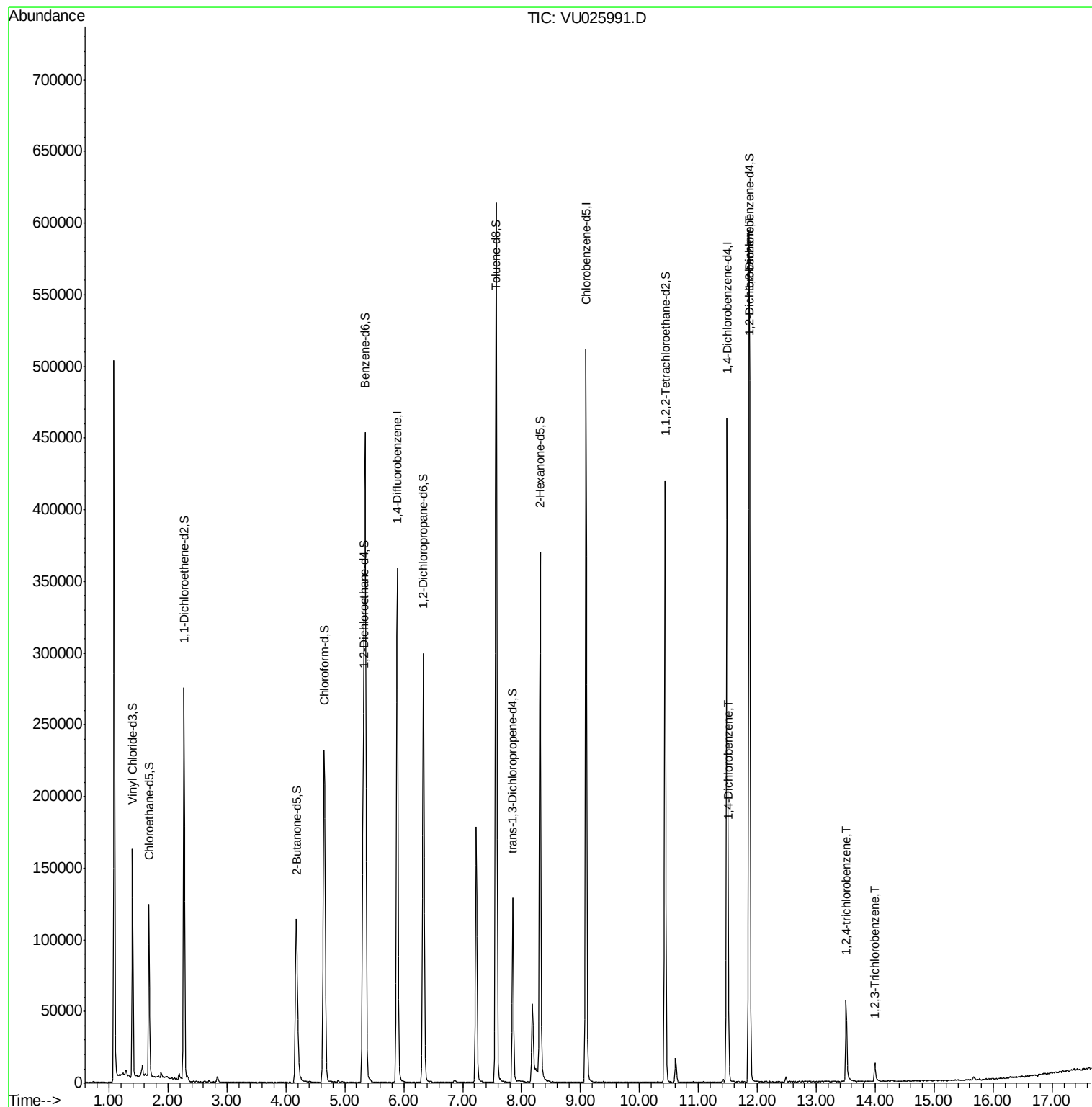
Target Compounds						Ovalue
63) 1,4-Dichlorobenzene	11.51	146	8184	2.09	ug/L	89
65) 1,2-Dichlorobenzene	11.88	146	7133	1.79	ug/L	93
68) 1,2,4-trichlorobenzene	13.51	180	20207	8.56	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	5873	2.31	ug/L	96

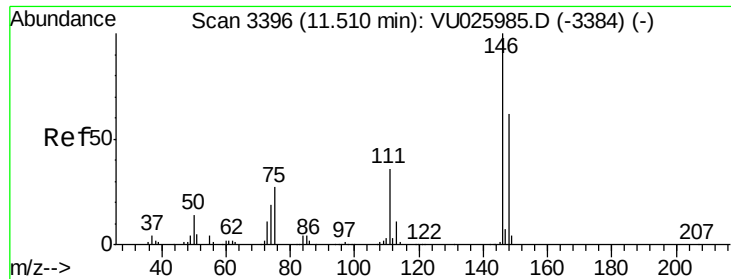
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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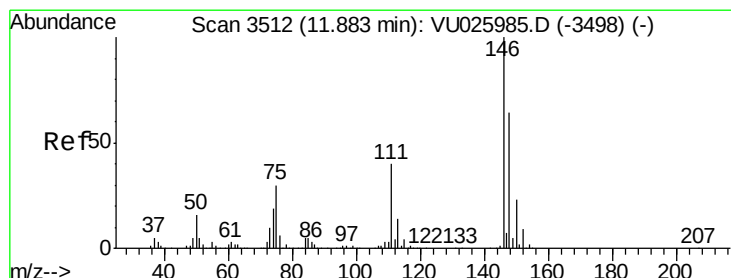
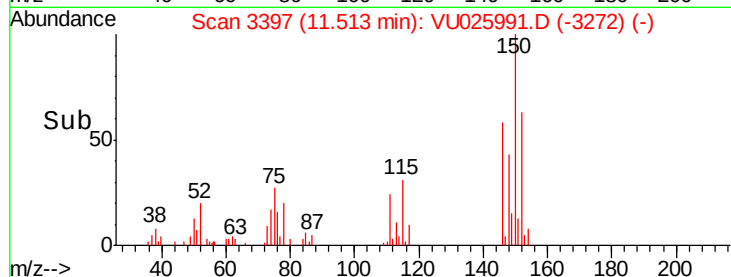
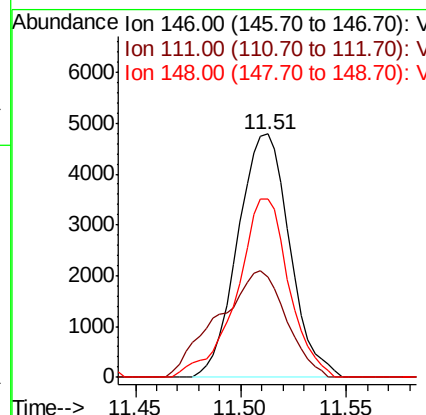
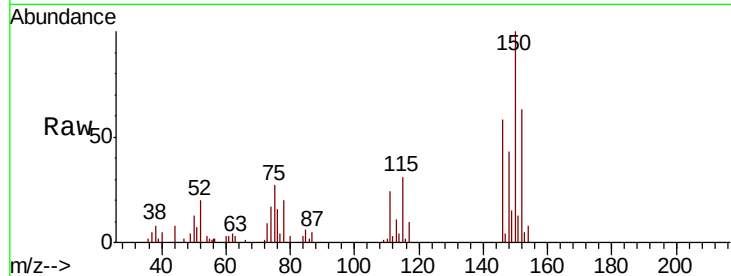




#63
 1,4-Dichlorobenzene
 Concen: 2.09 ug/L
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025991.D
 Acq: 09 Aug 2018 13:09

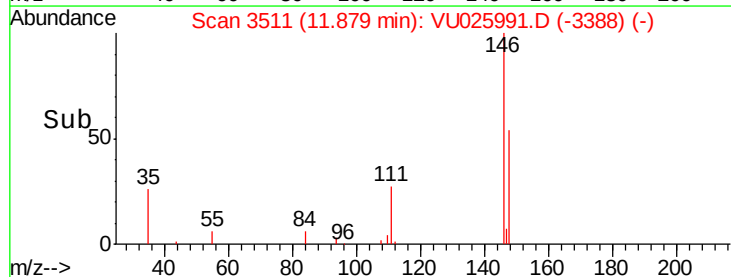
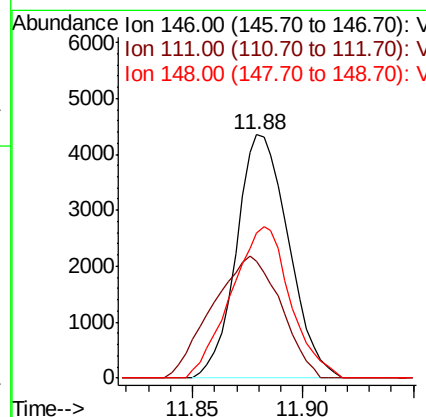
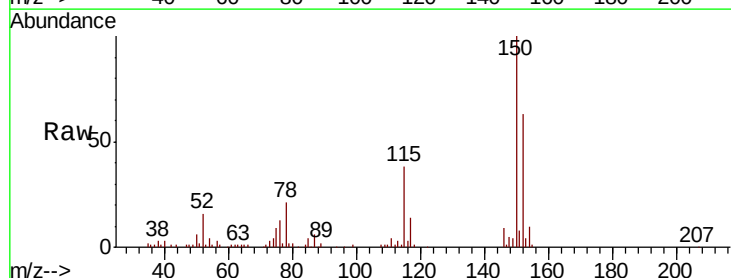
Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZB3

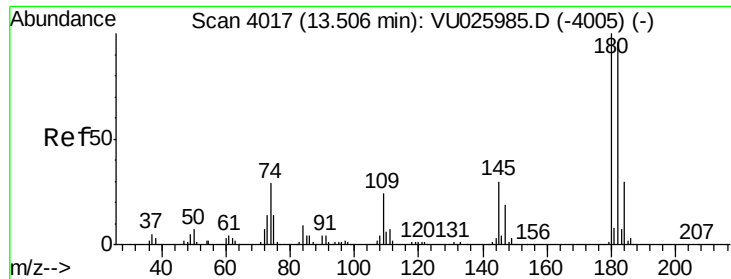
Tot Ion:146 Resp: 8184
 Ion Ratio Lower Upper
 146 100
 111 41.3 26.4 49.0
 148 73.4 43.8 81.4



#65
 1,2-Dichlorobenzene
 Concen: 1.79 ug/L
 RT: 11.88 min Scan# 3511
 Delta R.T. -0.00 min
 Lab File: VU025991.D
 Acq: 09 Aug 2018 13:09

Tgt Ion:146 Resp: 7133
 Ion Ratio Lower Upper
 146 100
 111 48.0 32.4 48.6
 148 59.5 50.1 75.1

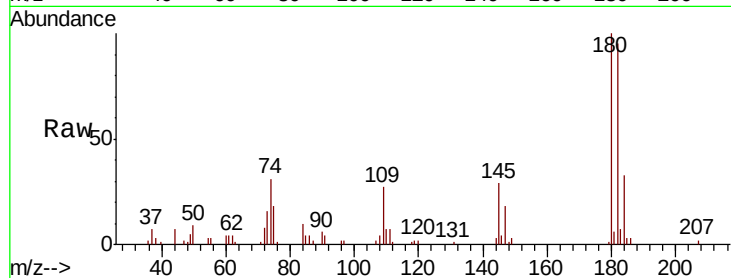




#68
 1,2,4-trichlorobenzene
 Concen: 8.56 ug/L
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025991.D
 Acq: 09 Aug 2018 13:09

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZB3

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.6	76.5	114.7
145	26.6	24.2	36.4

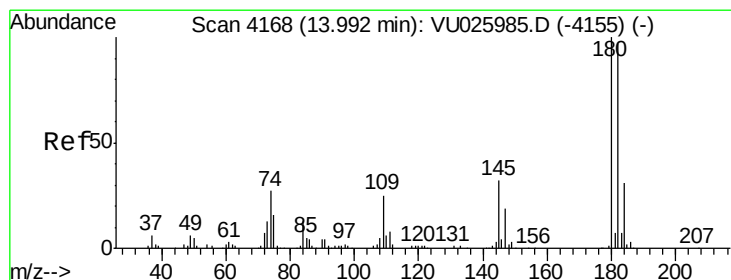
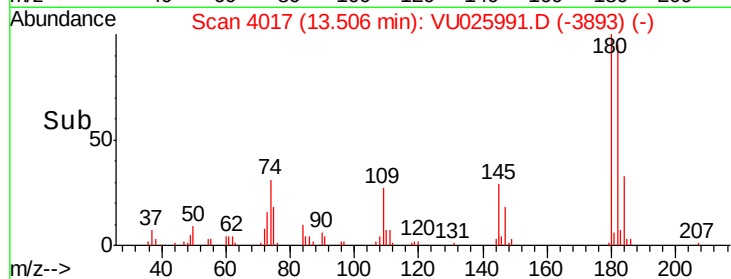
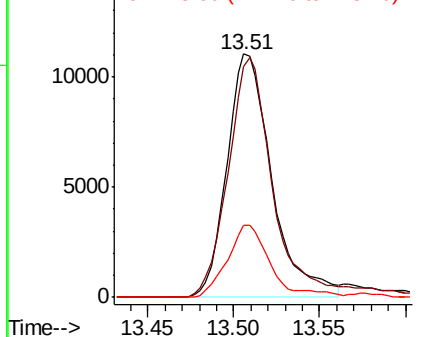


Abundance

Ion 180.00 (179.70 to 180.70): V

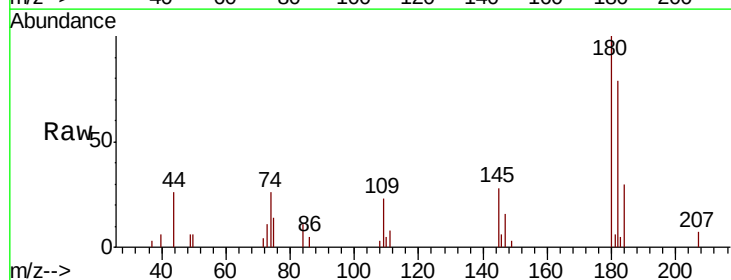
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 2.31 ug/L
 RT: 13.99 min Scan# 4168
 Delta R.T. -0.00 min
 Lab File: VU025991.D
 Acq: 09 Aug 2018 13:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	76.5	114.7
145	29.4	24.7	37.1



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

