

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080718\
 Data File : VU025949.D
 Acq On : 07 Aug 2018 19:39
 Operator : MD/SY
 Sample : VIBLK43
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK43

Quant Time: Aug 08 04:22:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 07 12:44:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	330373	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297548	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	125716	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80529	43.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.98%
7) Chloroethane-d5	1.68	69	66818	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.34%
11) 1,1-Dichloroethene-d2	2.27	63	120864	34.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.18%
21) 2-Butanone-d5	4.18	46	131621	104.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.49%
24) Chloroform-d	4.65	84	169350	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.31	65	115109	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
32) Benzene-d6	5.35	84	334874	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
36) 1,2-Dichloropropane-d6	6.33	67	106987	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.94%
41) Toluene-d8	7.57	98	305361	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%
43) trans-1,3-Dichloropropene-	7.85	79	50695	47.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.82%
47) 2-Hexanone-d5	8.31	63	88772	104.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.61%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	138938	49.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	113658	54.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.46%

Target Compounds

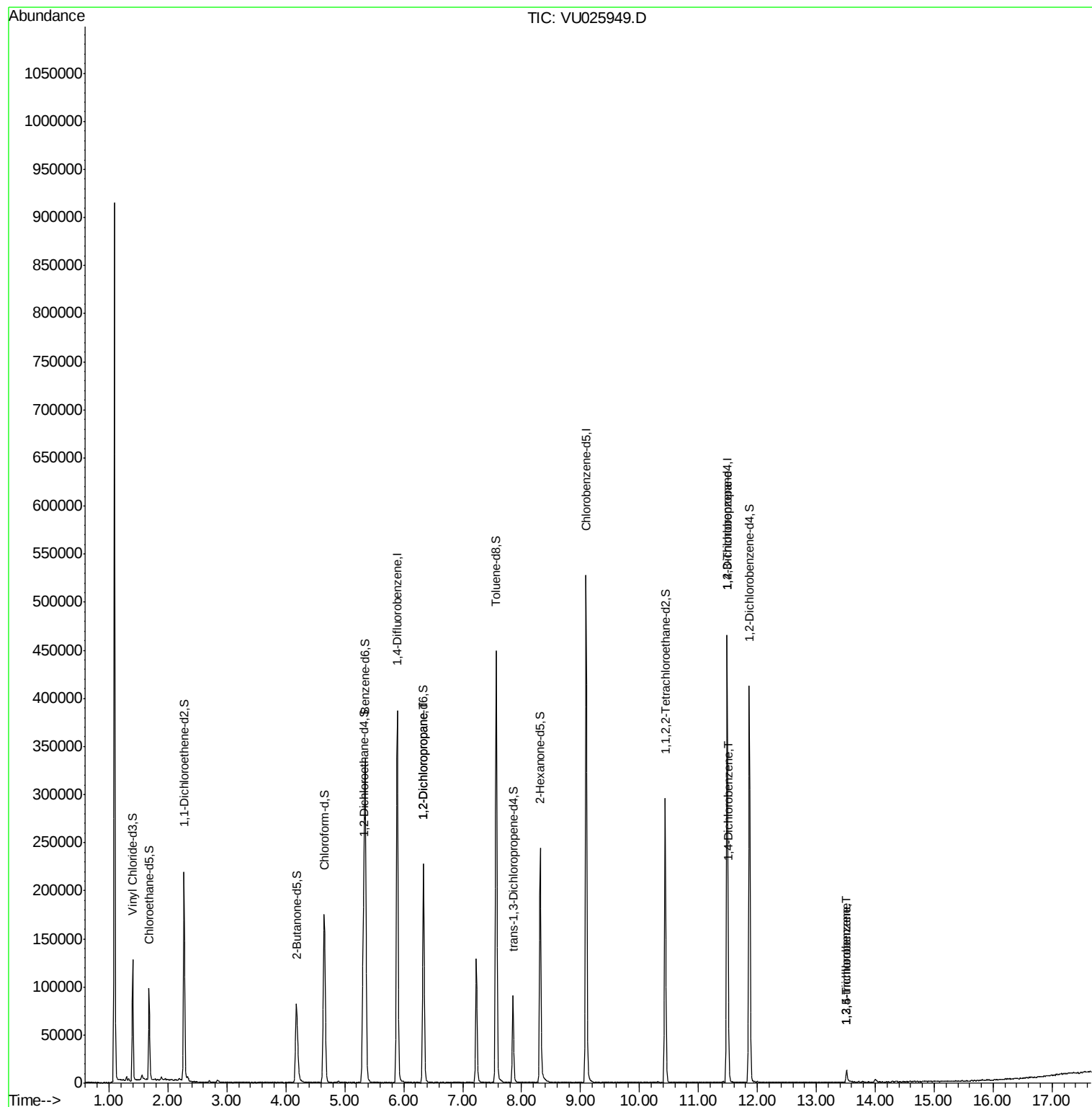
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
37) 1,2-Dichloropropane	6.33	63	12479	6.005	ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	15121	5.718	ug/L	95
63) 1,4-Dichlorobenzene	11.51	146	4940	1.289	ug/L	98
67) 1,3,5-Trichlorobenzene	13.51	180	5333	1.924	ug/L #	95
68) 1,2,4-trichlorobenzene	13.51	180	5333	2.217	ug/L	98

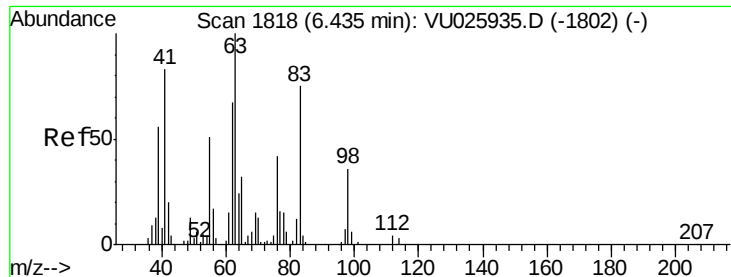
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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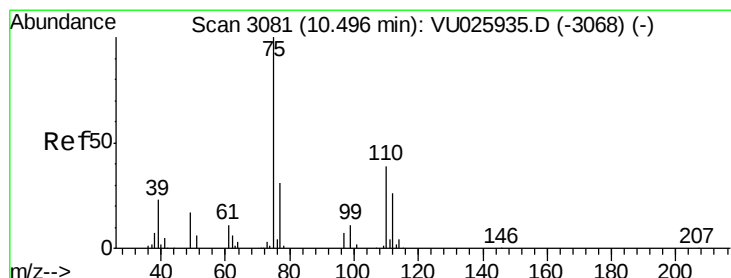
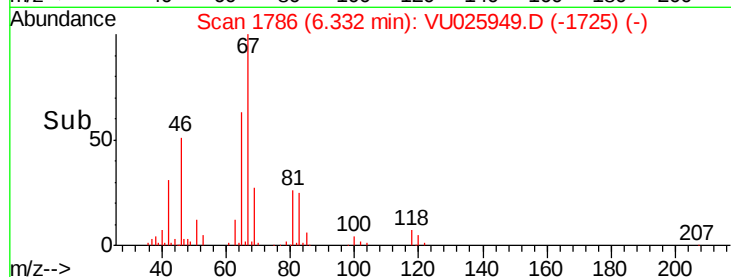
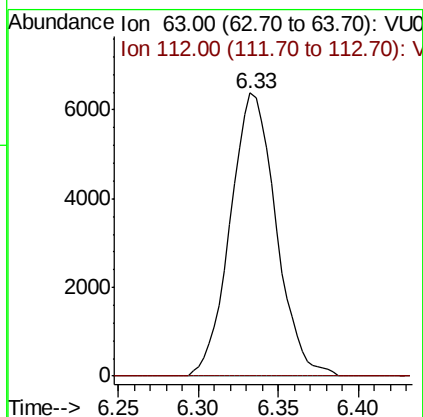
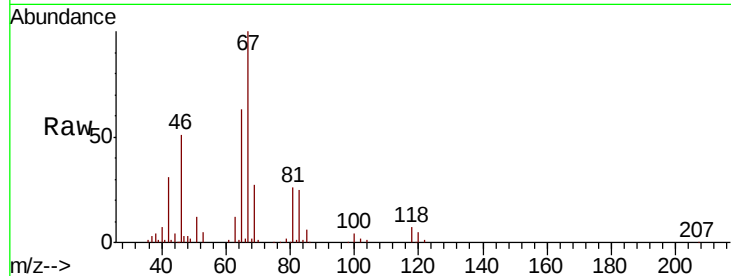




#37
 1,2-Dichloropropane
 Concen: 6.005 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU025949.D
 Acq: 07 Aug 2018 19:39

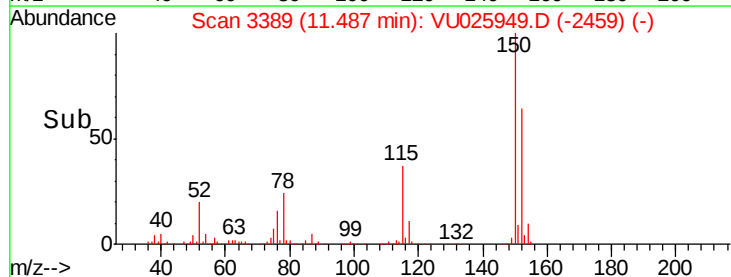
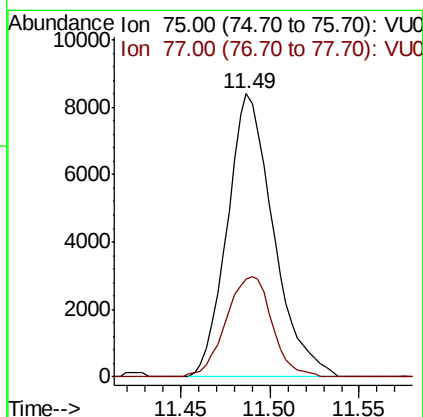
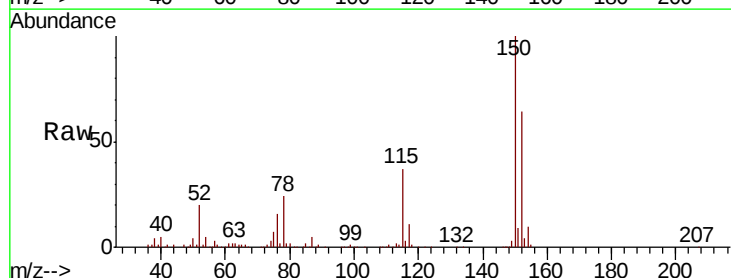
Instrument :
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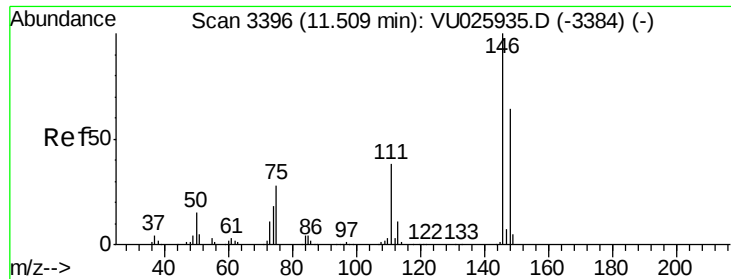
Tgt Ion: 63 Resp: 12479
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.718 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU025949.D
 Acq: 07 Aug 2018 19:39

Tgt Ion: 75 Resp: 15121
 Ion Ratio Lower Upper
 75 100
 77 35.3 25.8 38.8

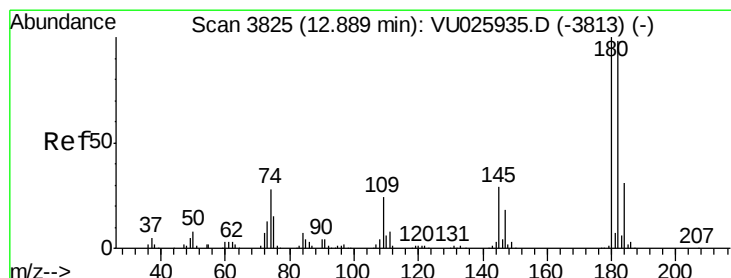
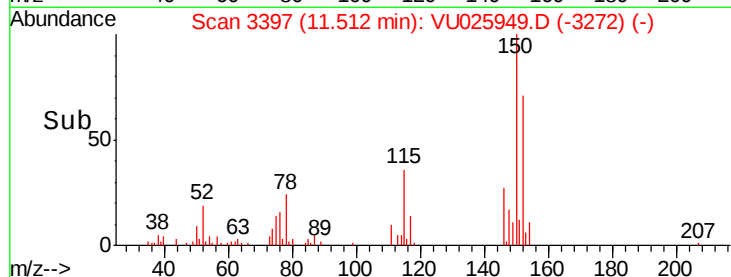
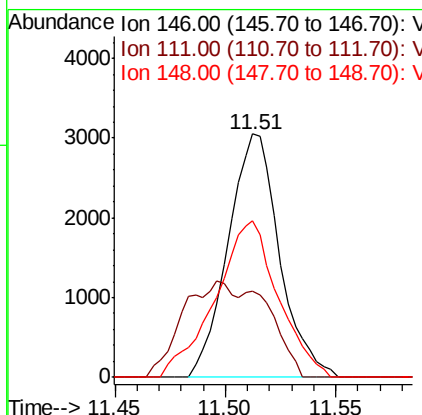
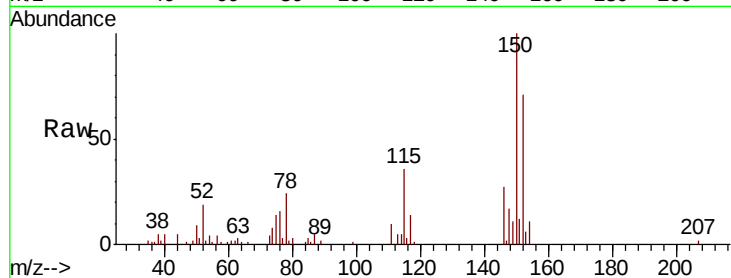




#63
 1,4-Dichlorobenzene
 Concen: 1.289 ug/L
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025949.D
 Acq: 07 Aug 2018 19:39

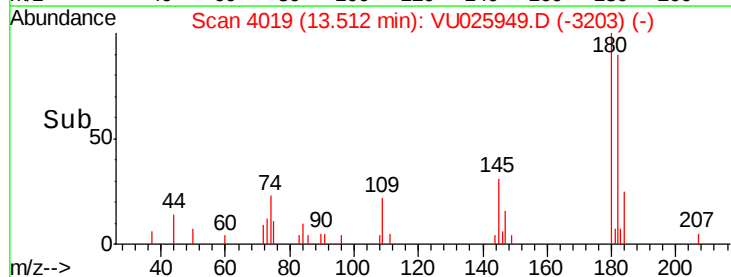
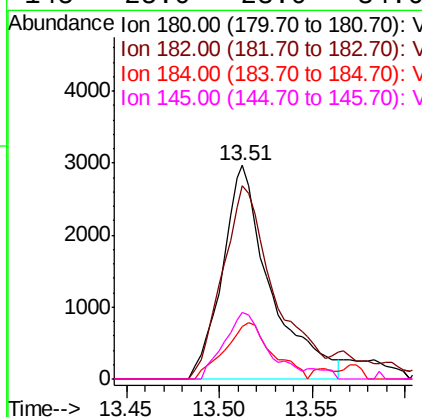
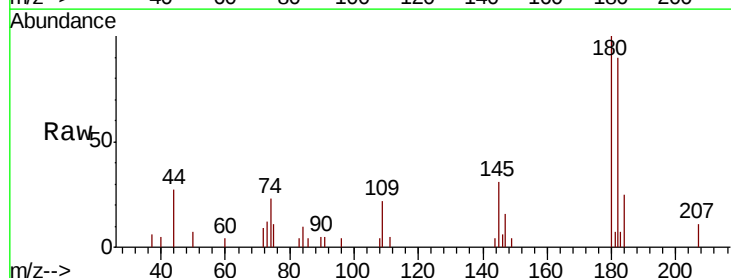
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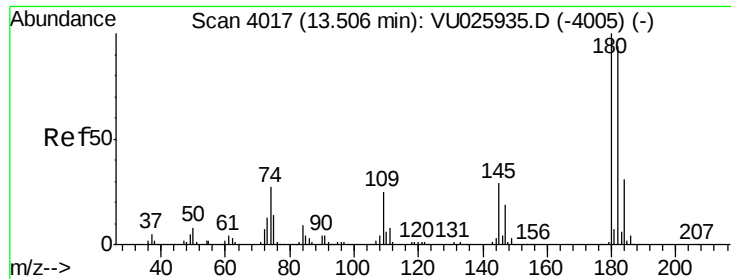
Tgt Ion:146 Resp: 4940
 Ion Ratio Lower Upper
 146 100
 111 35.2 26.9 49.9
 148 64.2 44.6 82.8



#67
 1,3,5-Trichlorobenzene
 Concen: 1.924 ug/L
 RT: 13.51 min Scan# 4019
 Delta R.T. 0.62 min
 Lab File: VU025949.D
 Acq: 07 Aug 2018 19:39

Tgt Ion:180 Resp: 5333
 Ion Ratio Lower Upper
 180 100
 182 97.6 77.3 115.9
 184 22.7 24.6 36.8#
 145 25.0 23.0 34.6

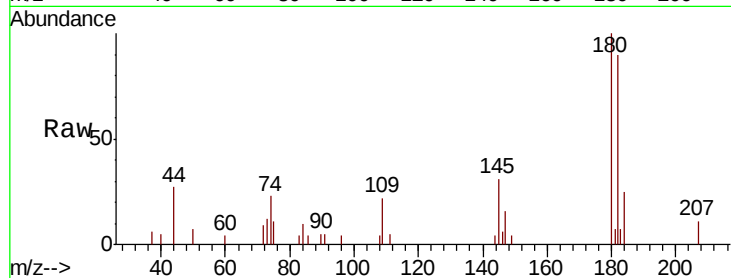




#68
 1,2,4-trichlorobenzene
 Concen: 2.217 ug/L
 RT: 13.51 min Scan# 4019
 Delta R.T. 0.01 min
 Lab File: VU025949.D
 Acq: 07 Aug 2018 19:39

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	78.1	117.1
145	25.0	23.4	35.2



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

