

Data File : VU028894.D
Acq On : 21 Dec 2018 23:29
Operator : MD/SY
Sample : J6509-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Dec 22 01:59:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 22 01:55:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	169667	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	158616	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65375	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60094	44.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.36%
7) Chloroethane-d5	1.67	69	49076	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.42%
11) 1,1-Dichloroethene-d2	2.27	63	79919	34.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.88%
21) 2-Butanone-d5	4.18	46	105196	110.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.39%
24) Chloroform-d	4.65	84	106178	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
26) 1,2-Dichloroethane-d4	5.31	65	67273	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
32) Benzene-d6	5.34	84	233756	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.34%
36) 1,2-Dichloropropane-d6	6.33	67	80253	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.44%
41) Toluene-d8	7.57	98	203554	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%
43) trans-1,3-Dichloropropene-	7.85	79	33273	48.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.56%
47) 2-Hexanone-d5	8.31	63	81483	112.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.70%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108279	51.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	70069	52.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.98%

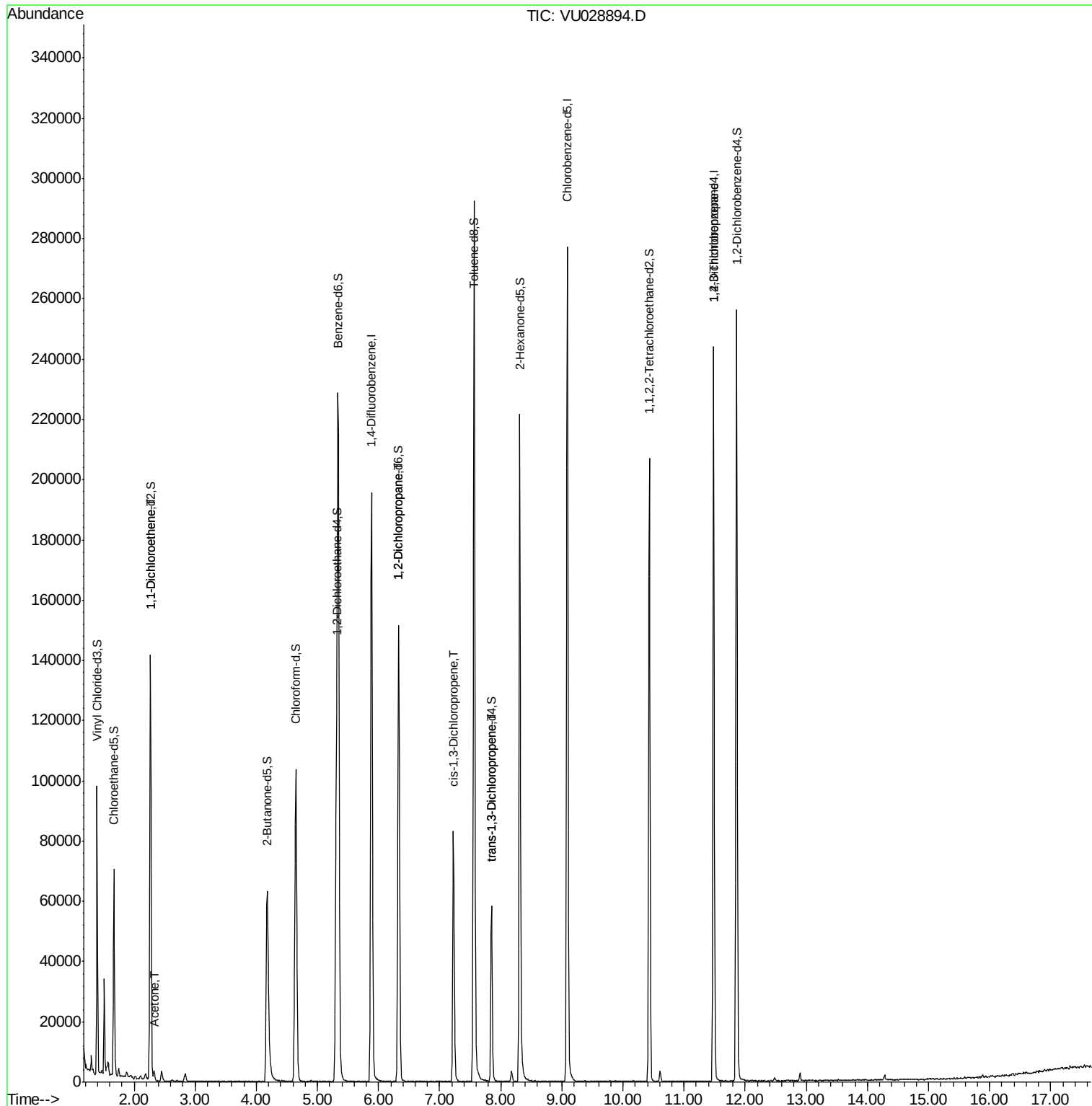
Target Compounds

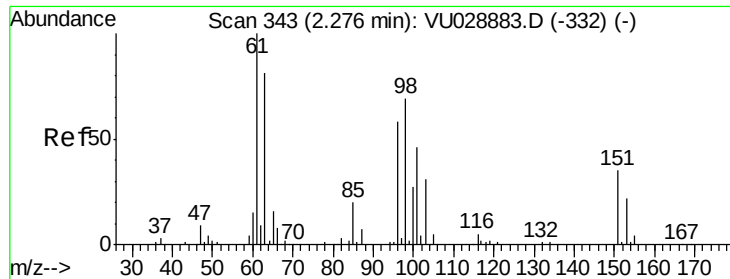
					Qvalue
12) 1,1-Dichloroethene	2.27	96	636	0.585 ug/L #	1
13) Acetone	2.32	43	2413	2.485 ug/L	90
37) 1,2-Dichloropropane	6.33	63	7512	5.322 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1708	0.849 ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	1145	0.638 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	7943	4.715 ug/L	96

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

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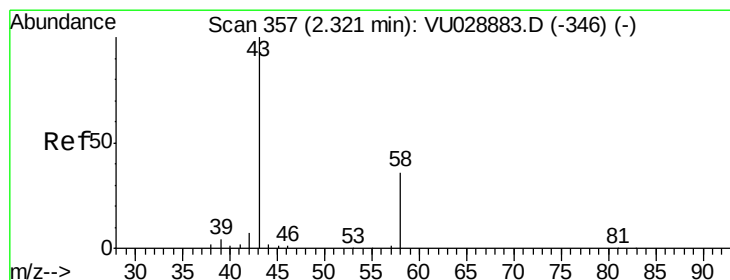
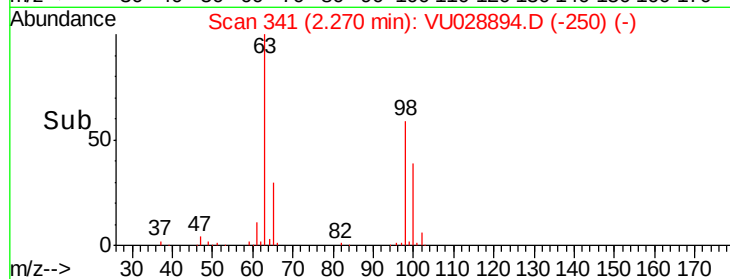
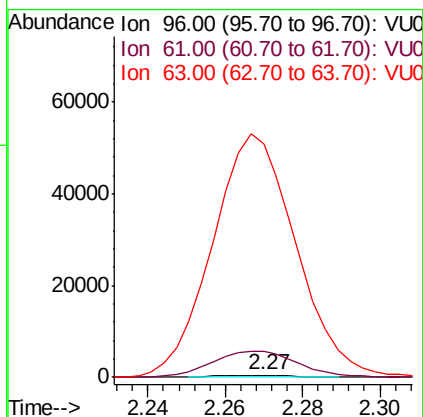
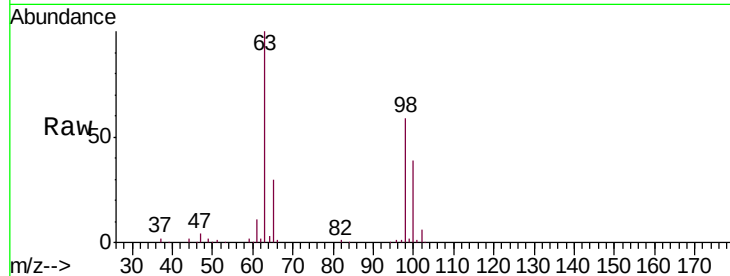
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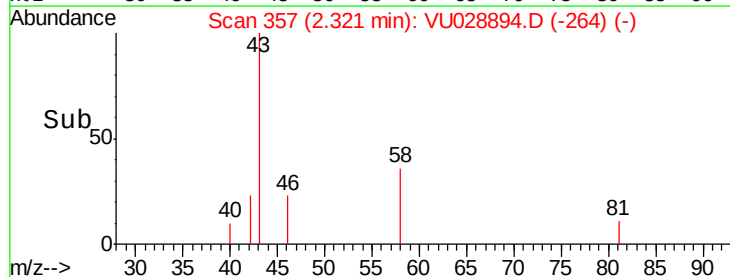
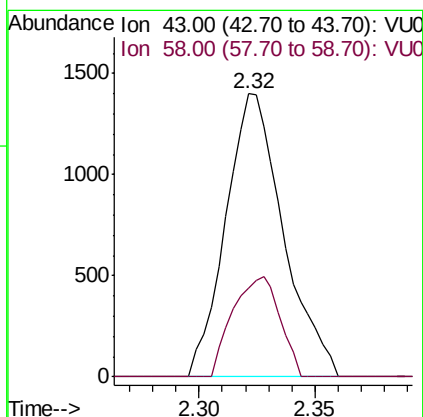
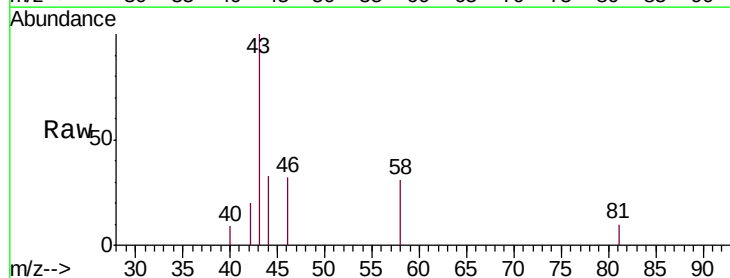
#12
 1,1-Dichloroethene
 Concen: 0.585 ug/L
 RT: 2.27 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VU028894.D
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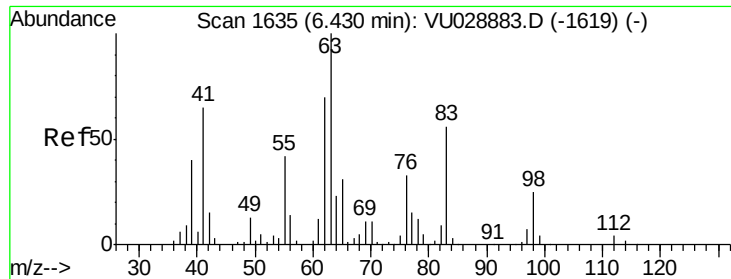
Tgt Ion: 96 Resp: 636
 Ion Ratio Lower Upper
 96 100
 61 1233.6 119.3 221.5#
 63 11144.1 107.4 199.6#



#13
 Acetone
 Concen: 2.485 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU028894.D
 Acq: 21 Dec 2018 23:29

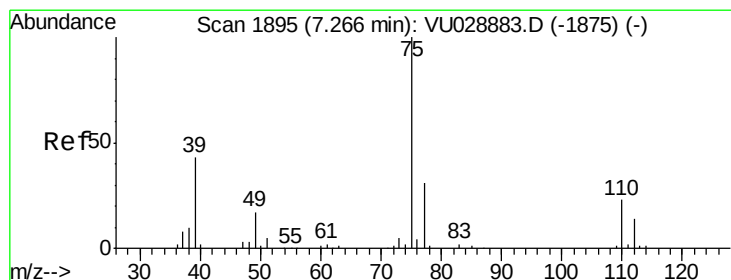
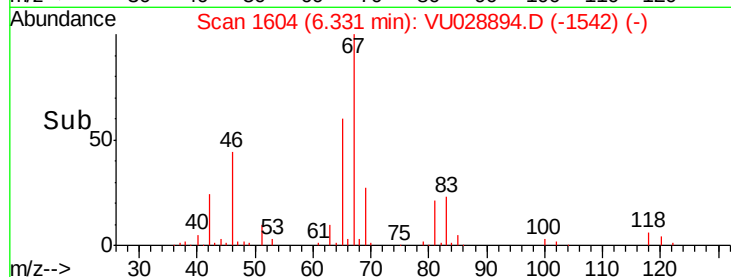
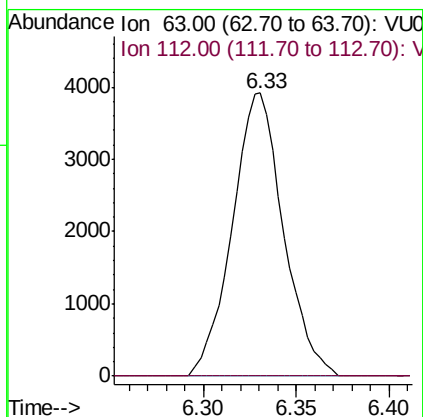
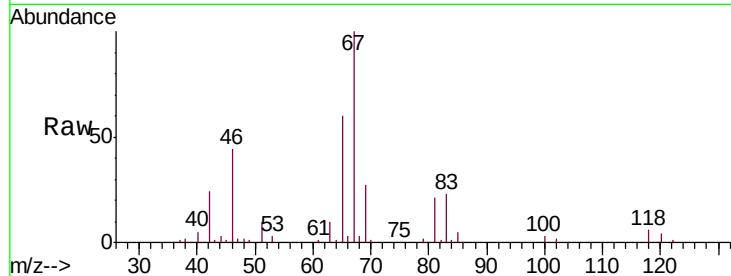
Tgt Ion: 43 Resp: 2413
 Ion Ratio Lower Upper
 43 100
 58 29.0 0.0 70.2





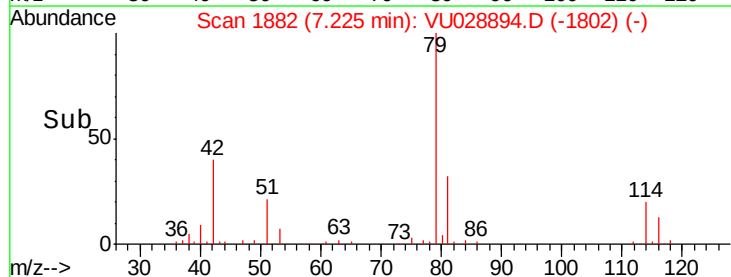
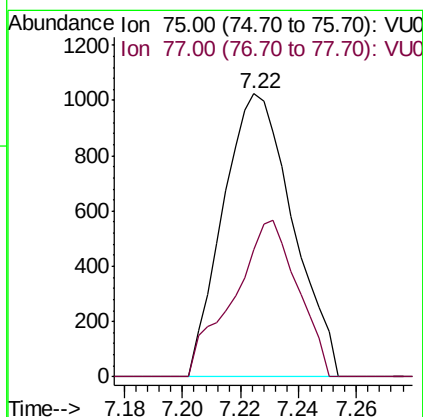
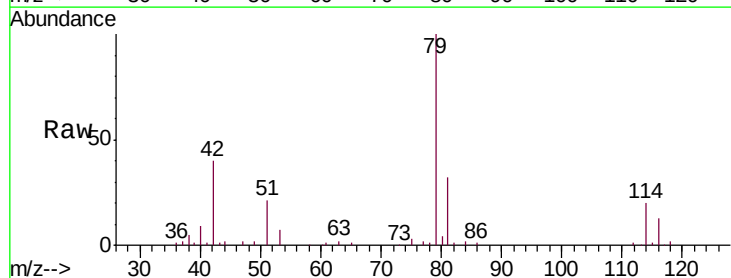
#37
 1,2-Dichloropropane
 Concen: 5.322 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028894.D
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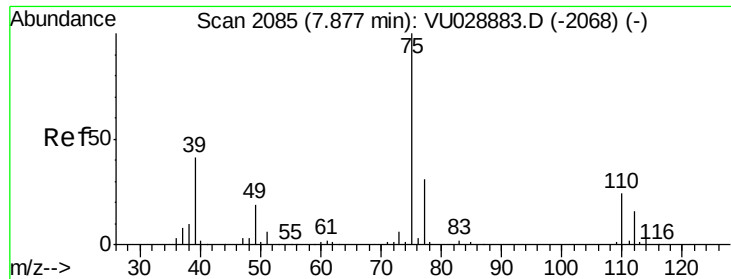
Tgt Ion: 63 Resp: 7512
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.849 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028894.D
 Acq: 21 Dec 2018 23:29

Tgt Ion: 75 Resp: 1708
 Ion Ratio Lower Upper
 75 100
 77 44.7 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.638 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU028894.D

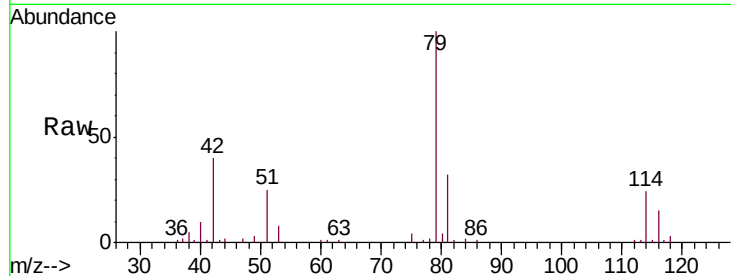
Acq: 21 Dec 2018 23:29

Tgt Ion: 75 Resp: 1145

Ion Ratio Lower Upper

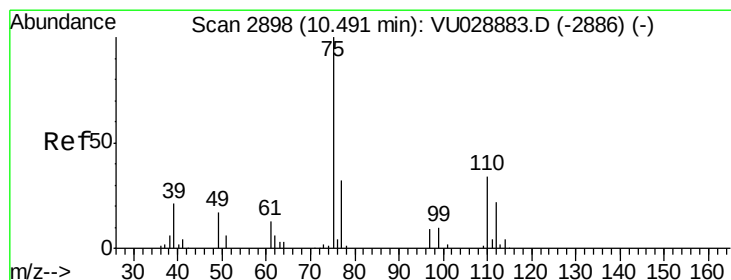
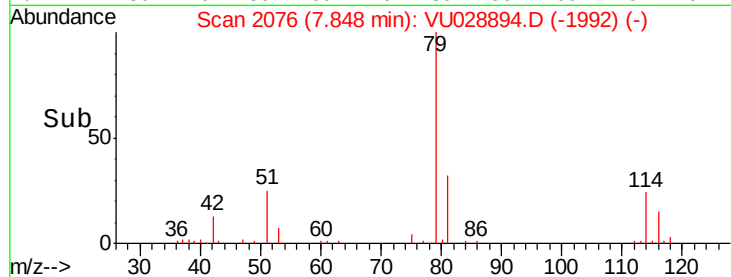
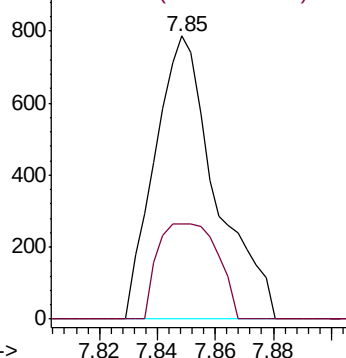
75 100

77 33.5 21.8 40.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 4.715 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028894.D

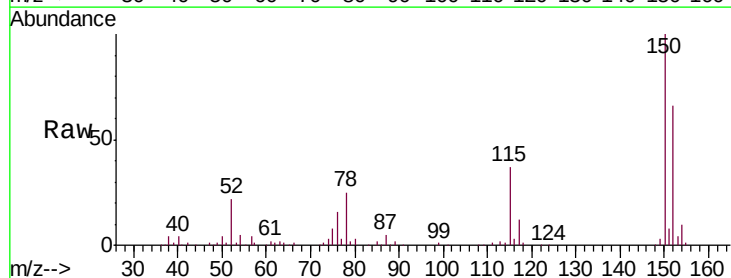
Acq: 21 Dec 2018 23:29

Tgt Ion: 75 Resp: 7943

Ion Ratio Lower Upper

75 100

77 34.3 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

