

Data File : VU028889.D
Acq On : 21 Dec 2018 21:28
Operator : MD/SY
Sample : J6509-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 22 01:58:48 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	174319	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	164589	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67041	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62473	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.40%
7) Chloroethane-d5	1.67	69	50285	46.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.18%
11) 1,1-Dichloroethene-d2	2.27	63	81296	34.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.18%
21) 2-Butanone-d5	4.18	46	105319	107.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.57%
24) Chloroform-d	4.65	84	108258	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
26) 1,2-Dichloroethane-d4	5.31	65	68400	50.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.98%
32) Benzene-d6	5.34	84	240261	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.34%
36) 1,2-Dichloropropane-d6	6.33	67	82675	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.68%
41) Toluene-d8	7.57	98	209501	49.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.44%
43) trans-1,3-Dichloropropene-	7.85	79	35108	49.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.20%
47) 2-Hexanone-d5	8.31	63	83224	110.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110943	50.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	70978	52.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.70%

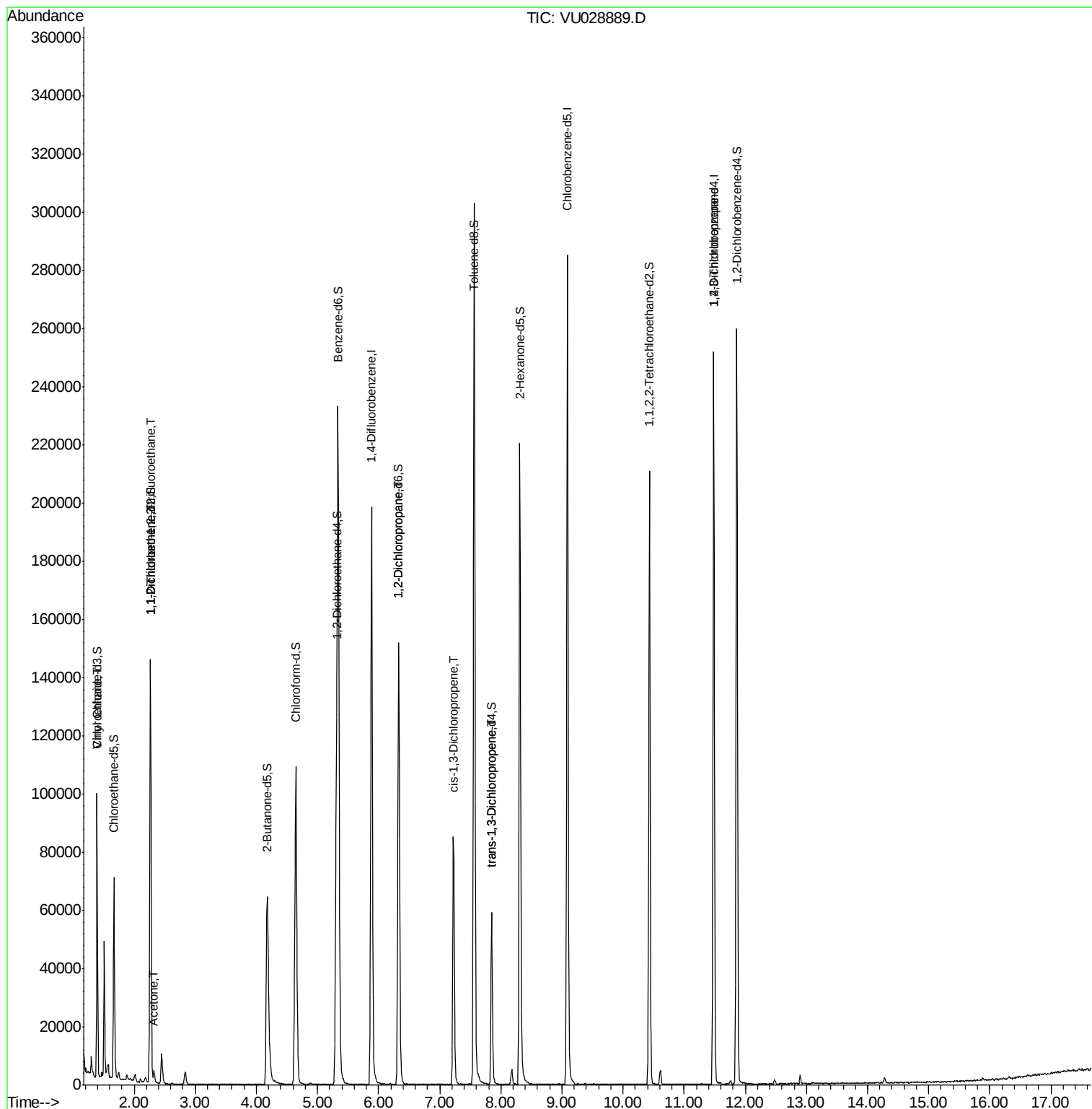
Target Compounds

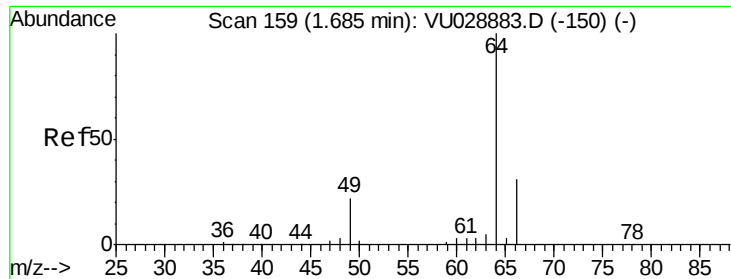
					Qvalue	
8) Chloroethane	1.40	64	1020	1.047	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	783	0.693	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	647	0.579	ug/L #	1
13) Acetone	2.32	43	3101	3.108	ug/L	94
37) 1,2-Dichloropropane	6.33	63	7740	5.284	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1765	0.845	ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1152	0.619	ug/L	87
59) 1,2,3-Trichloropropane	11.48	75	7832	4.481	ug/L	97

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

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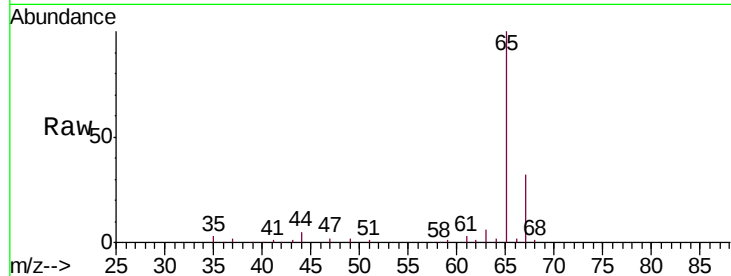
Quant Time: Dec 22 01:58:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
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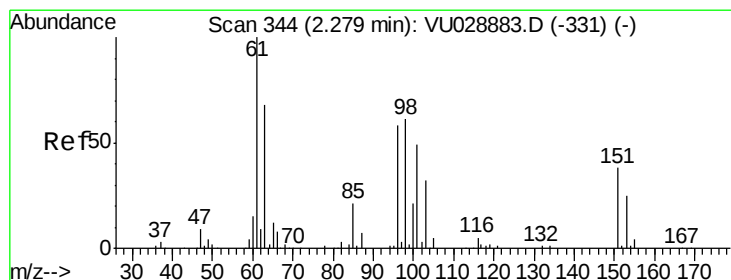
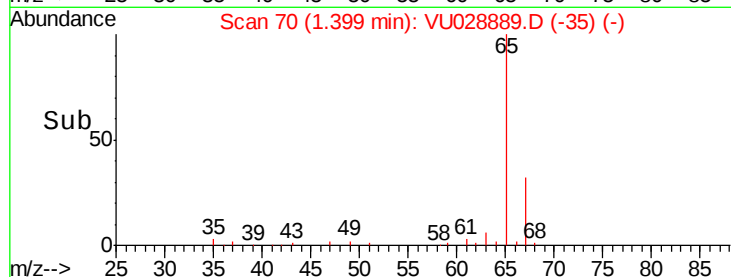
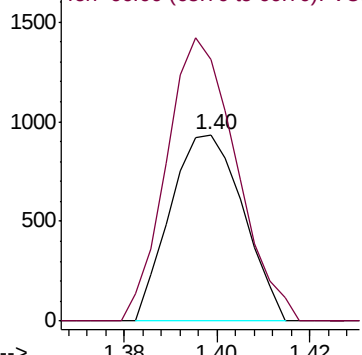


#8
Chloroethane
Concen: 1.047 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028889.D
Acq: 21 Dec 2018 21:28

Tgt Ion: 64 Resp: 1020
Ion Ratio Lower Upper
64 100
66 140.2 21.5 39.9#

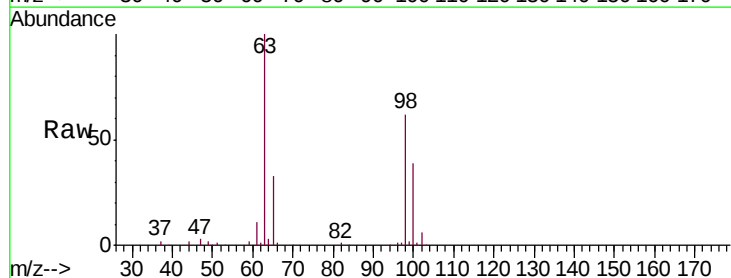


Abundance Ion 64.00 (63.70 to 64.70): VU028889.D
Ion 66.00 (65.70 to 66.70): VU028889.D

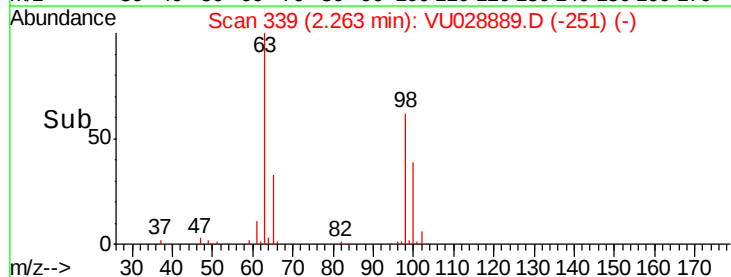
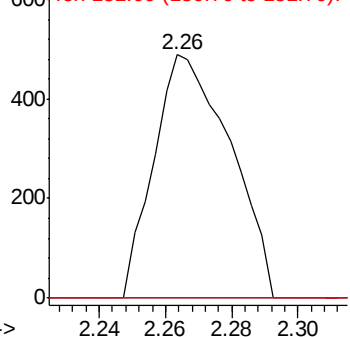


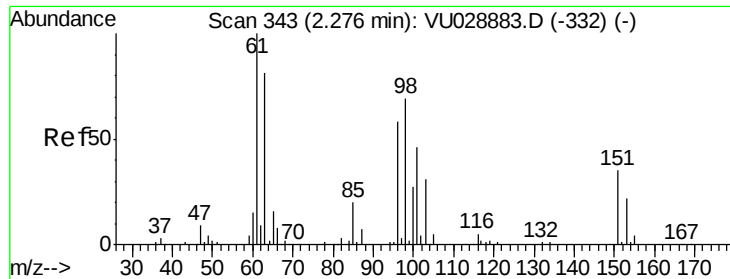
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.693 ug/L
RT: 2.26 min Scan# 339
Delta R.T. -0.02 min
Lab File: VU028889.D
Acq: 21 Dec 2018 21:28

Tgt Ion: 101 Resp: 783
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 59.4 89.0#



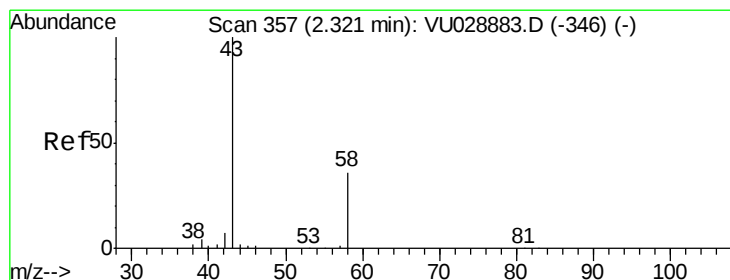
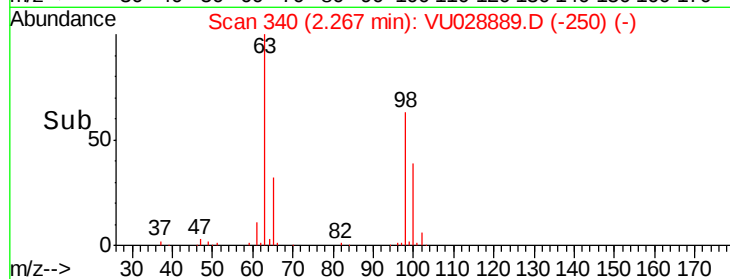
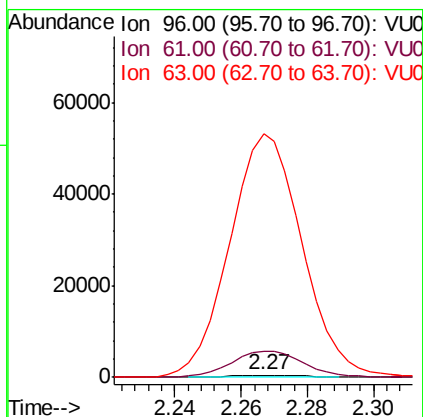
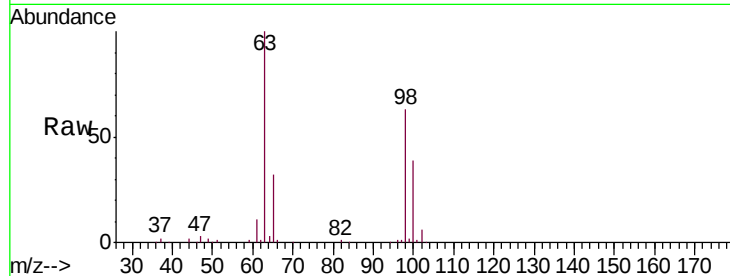
Abundance Ion 101.00 (100.70 to 101.70): VU028889.D
Ion 85.00 (84.70 to 85.70): VU028889.D
Ion 151.00 (150.70 to 151.70): VU028889.D





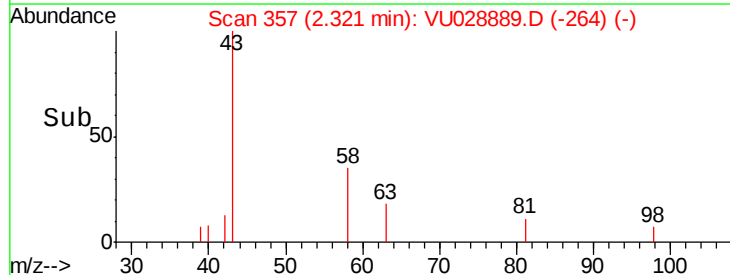
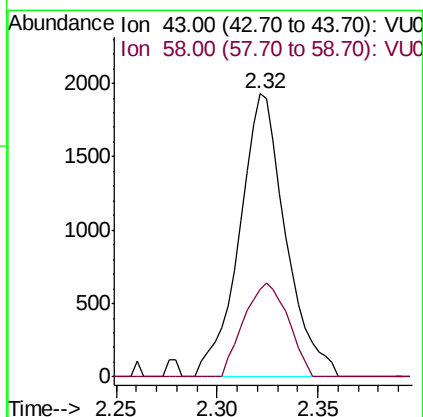
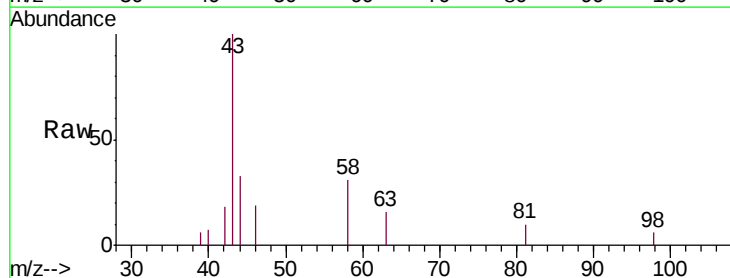
#12
 1,1-Dichloroethene
 Concen: 0.579 ug/L
 RT: 2.27 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VU028889.D
 Acq: 21 Dec 2018 21:28

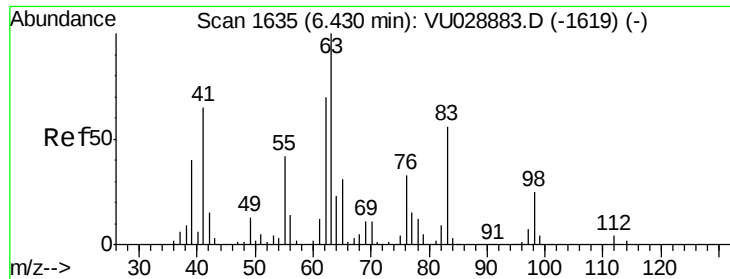
Tgt Ion: 96 Resp: 647
 Ion Ratio Lower Upper
 96 100
 61 1407.9 119.3 221.5#
 63 13087.7 107.4 199.6#



#13
 Acetone
 Concen: 3.108 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU028889.D
 Acq: 21 Dec 2018 21:28

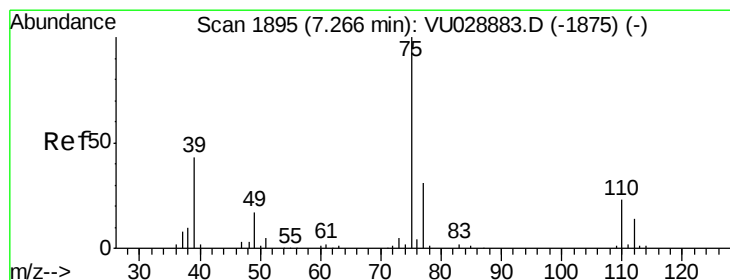
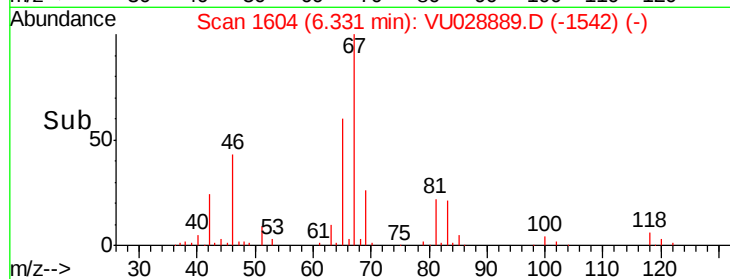
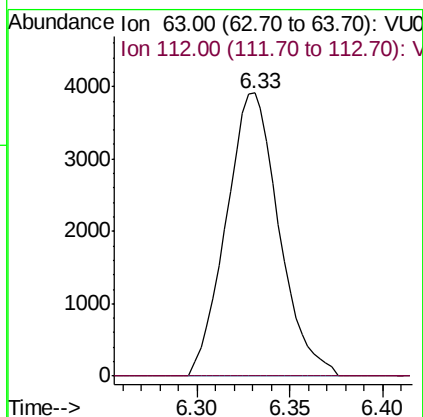
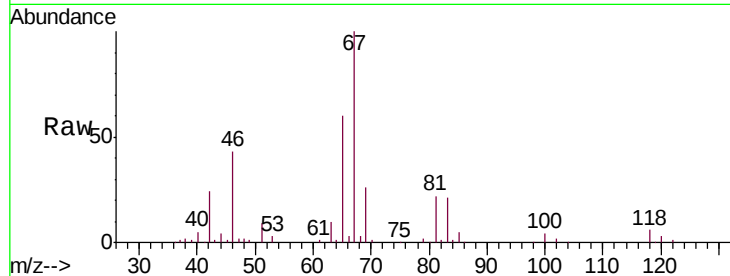
Tgt Ion: 43 Resp: 3101
 Ion Ratio Lower Upper
 43 100
 58 31.8 0.0 70.2





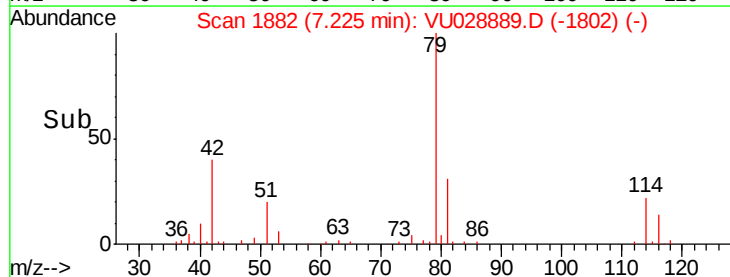
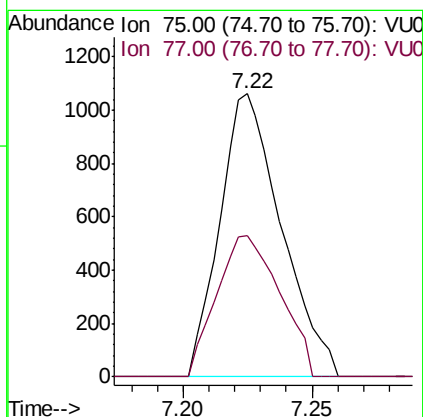
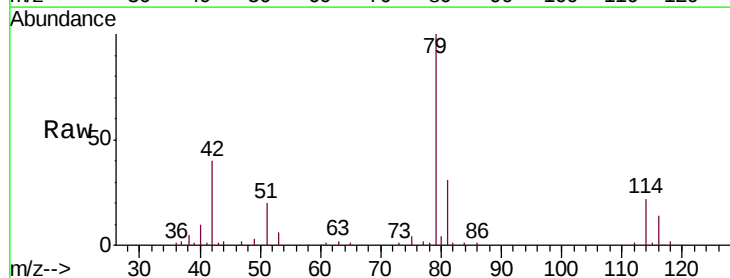
#37
 1,2-Dichloropropane
 Concen: 5.284 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU028889.D
 Acq: 21 Dec 2018 21:28

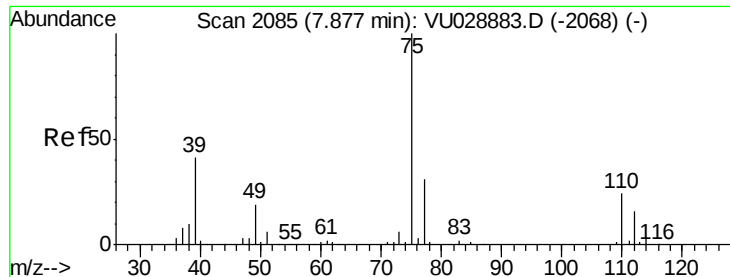
Tgt Ion: 63 Resp: 7740
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.845 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028889.D
 Acq: 21 Dec 2018 21:28

Tgt Ion: 75 Resp: 1765
 Ion Ratio Lower Upper
 75 100
 77 50.1 21.8 40.6#





#44

trans-1,3-Dichloropropene

Concen: 0.619 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU028889.D

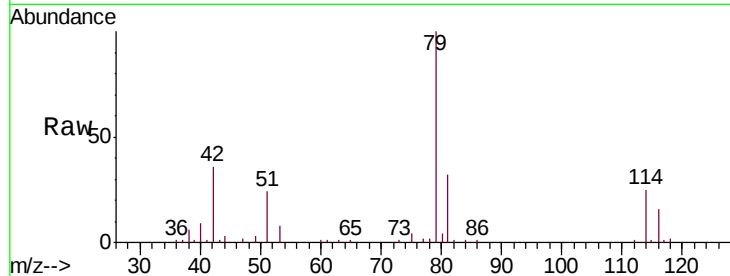
Acq: 21 Dec 2018 21:28

Tgt Ion: 75 Resp: 1152

Ion Ratio Lower Upper

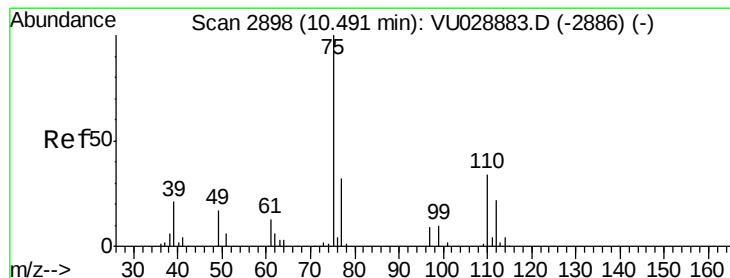
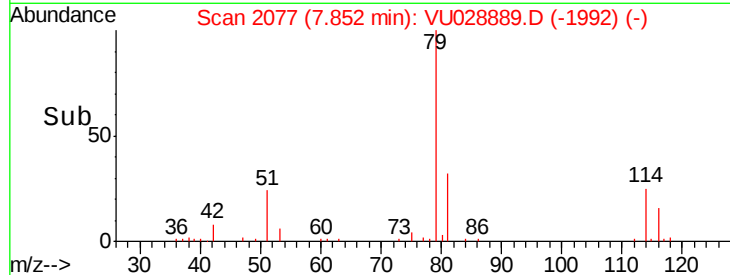
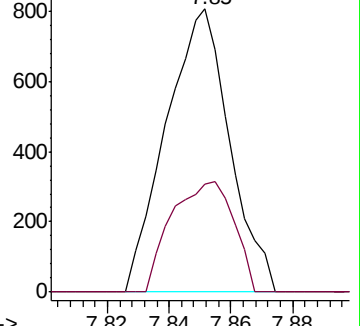
75 100

77 38.4 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: 4.481 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028889.D

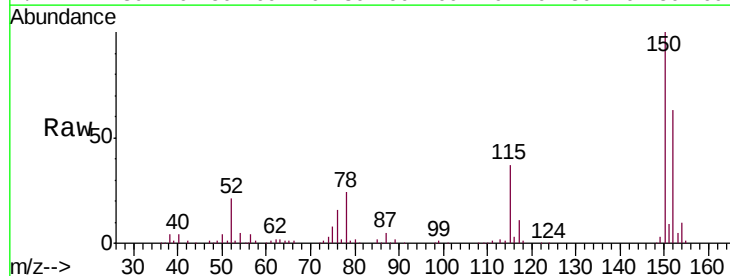
Acq: 21 Dec 2018 21:28

Tgt Ion: 75 Resp: 7832

Ion Ratio Lower Upper

75 100

77 33.5 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

