

Data File : VU028905.D
Acq On : 22 Dec 2018 03:56
Operator : MD/SY
Sample : J6542-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 22 06:03:53 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	165860	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155806	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63714	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	57691	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.78%
7) Chloroethane-d5	1.67	69	48622	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.68%
11) 1,1-Dichloroethene-d2	2.27	63	77685	34.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.48%
21) 2-Butanone-d5	4.18	46	101201	108.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.63%
24) Chloroform-d	4.65	84	103006	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
26) 1,2-Dichloroethane-d4	5.31	65	66767	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.60%
32) Benzene-d6	5.34	84	225676	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.54%
36) 1,2-Dichloropropane-d6	6.33	67	78514	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.02%
41) Toluene-d8	7.57	98	197161	49.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.86%
43) trans-1,3-Dichloropropene-	7.85	79	31957	47.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.38%
47) 2-Hexanone-d5	8.31	63	78926	111.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107010	51.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	68180	52.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.82%

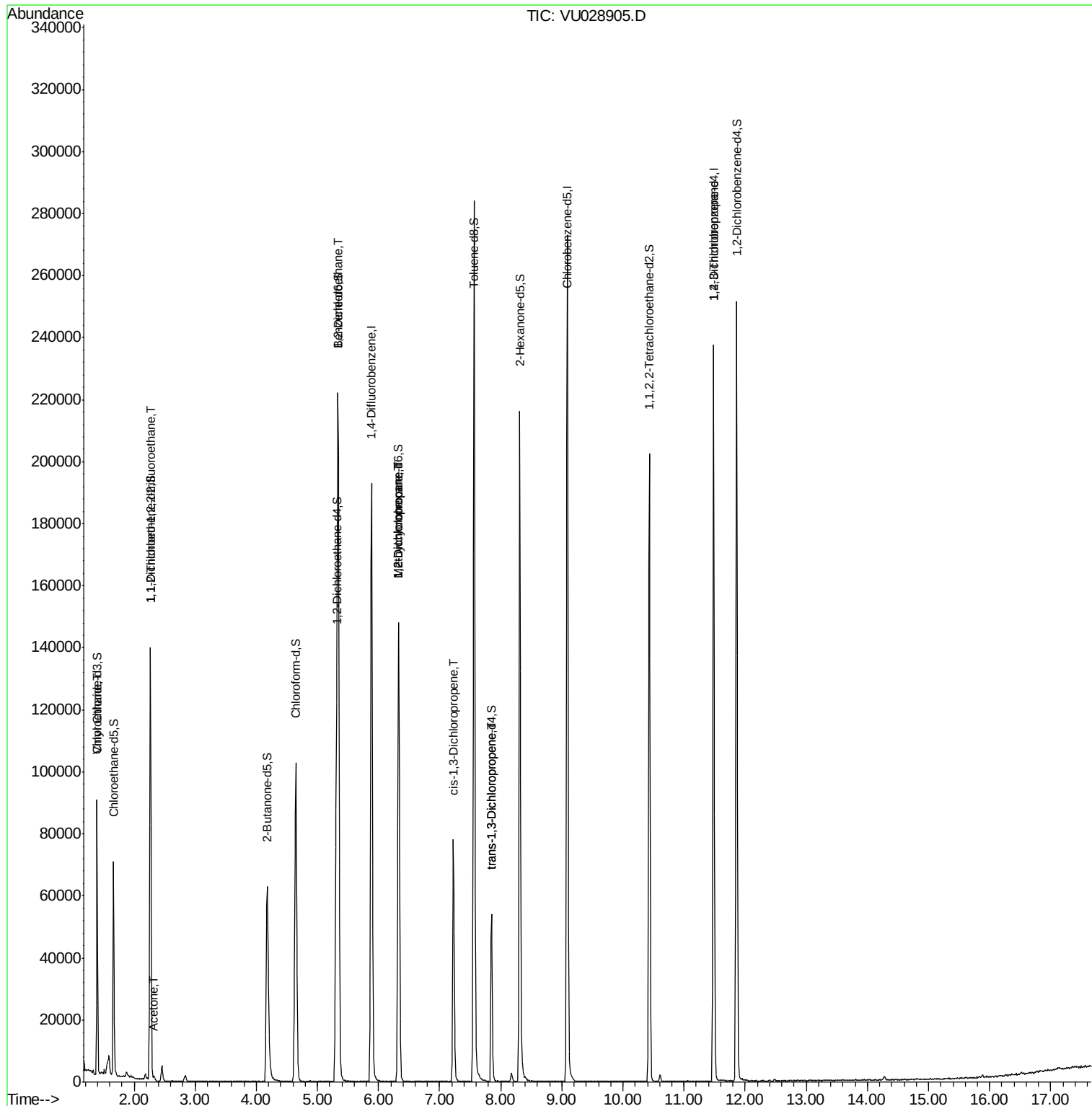
Target Compounds

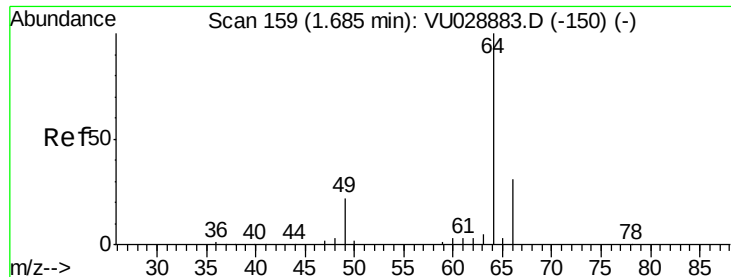
					Qvalue	
8) Chloroethane	1.40	64	852	0.919	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	625	0.581	ug/L #	20
13) Acetone	2.32	43	763	0.804	ug/L #	40
27) 1,2-Dichloroethane	5.34	62	1053	0.665	ug/L #	74
35) Methylcyclohexane	6.33	83	16543	8.294	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7268	5.242	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1503	0.760	ug/L #	65
44) trans-1,3-Dichloropropene	7.85	75	1172	0.665	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	7873	4.758	ug/L	98

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

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#8

Chloroethane

Concen: 0.919 ug/L

RT: 1.40 min Scan# 69

Delta R.T. -0.29 min

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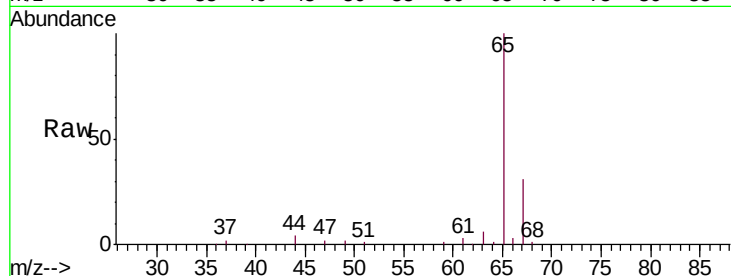
Acq: 22 Dec 2018 03:56

Tgt Ion: 64 Resp: 852

Ion Ratio Lower Upper

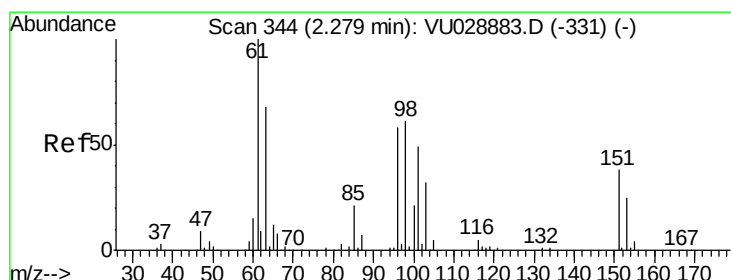
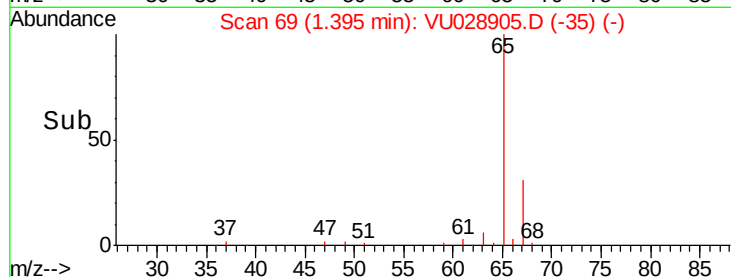
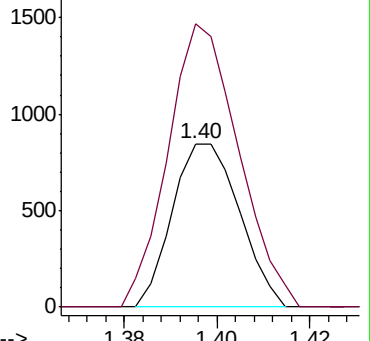
64 100

66 173.2 21.5 39.9#



Abundance Ion 64.00 (63.70 to 64.70): VU028883.D (-150) (-)

Ion 66.00 (65.70 to 66.70): VU028883.D (-150) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.581 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU028905.D

Acq: 22 Dec 2018 03:56

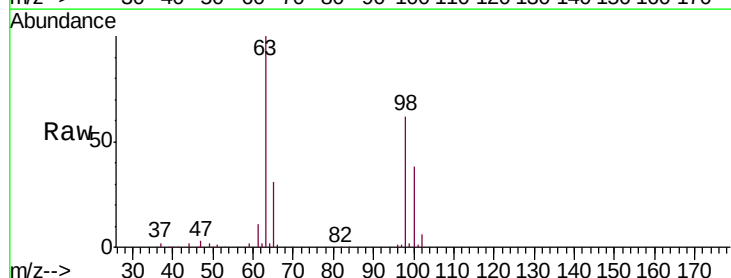
Tgt Ion: 101 Resp: 625

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

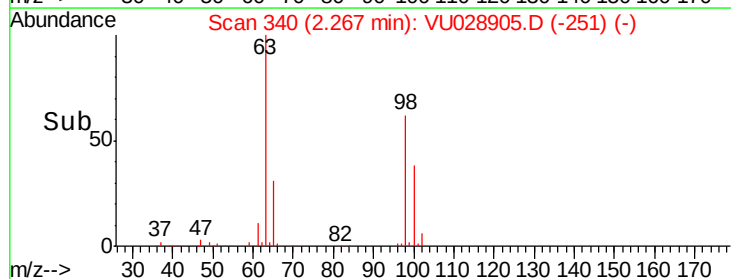
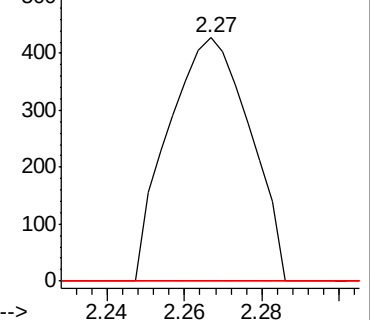
151 0.0 59.4 89.0#

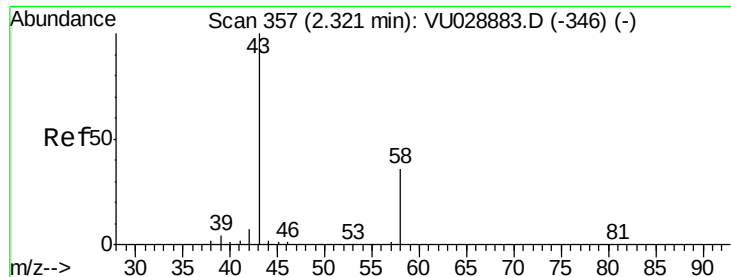


Abundance Ion 101.00 (100.70 to 101.70): VU028883.D (-331) (-)

Ion 85.00 (84.70 to 85.70): VU028883.D (-331) (-)

Ion 151.00 (150.70 to 151.70): VU028883.D (-331) (-)





#13

Acetone

Concen: 0.804 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028905.D

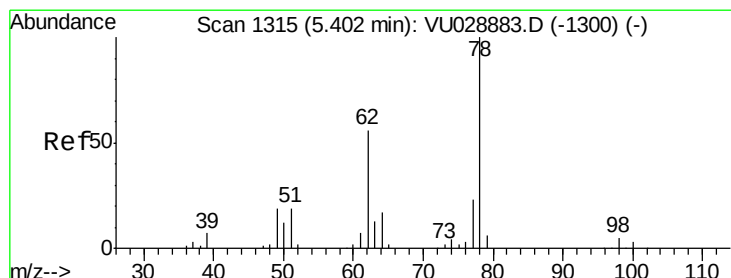
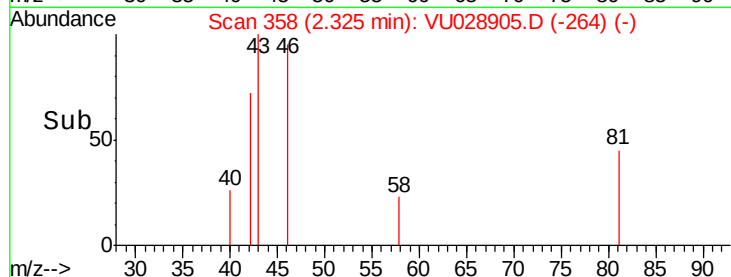
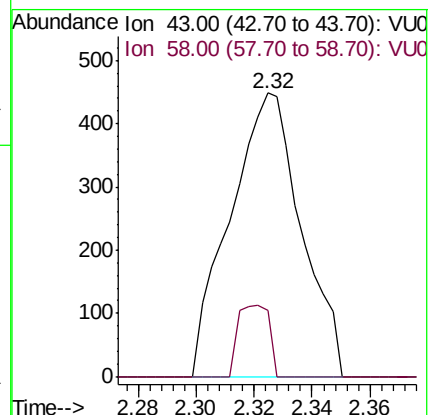
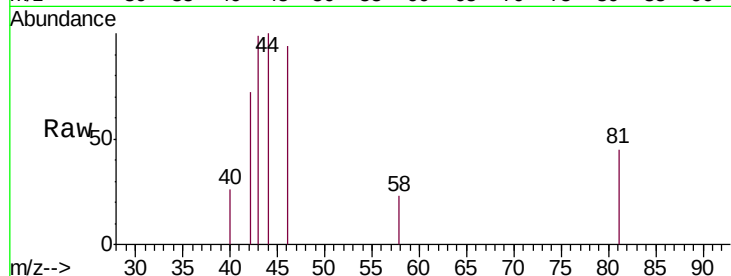
Acq: 22 Dec 2018 03:56

Tgt Ion: 43 Resp: 763

Ion Ratio Lower Upper

43 100

58 0.0 0.0 70.2



#27

1,2-Dichloroethane

Concen: 0.665 ug/L

RT: 5.34 min Scan# 1296

Delta R.T. -0.06 min

Lab File: VU028905.D

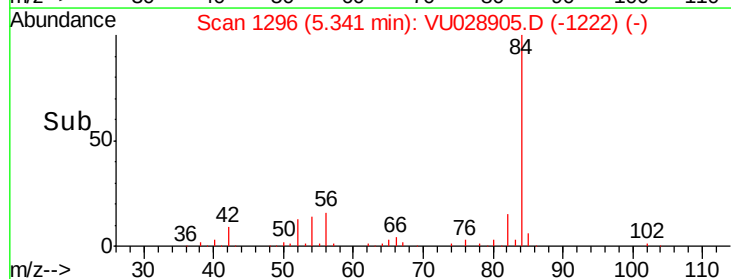
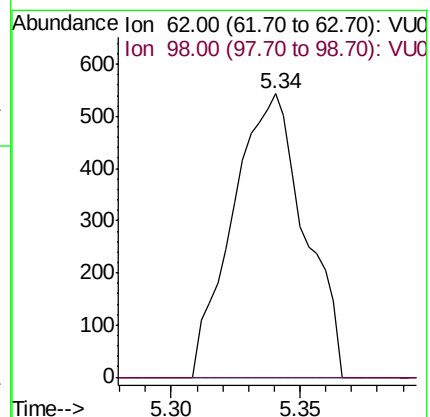
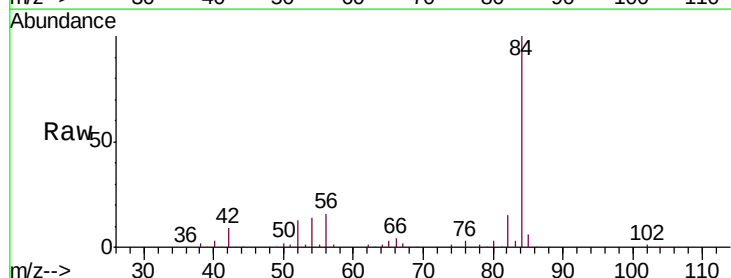
Acq: 22 Dec 2018 03:56

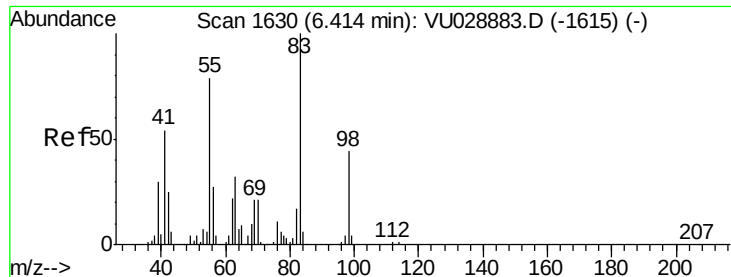
Tgt Ion: 62 Resp: 1053

Ion Ratio Lower Upper

62 100

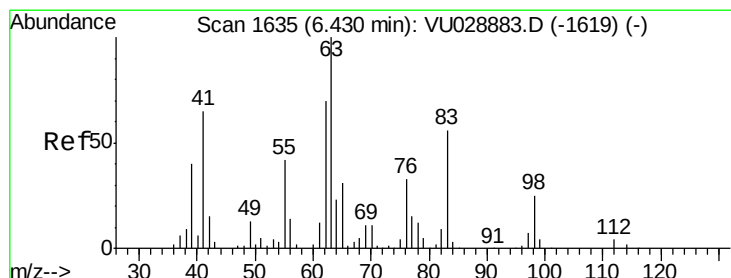
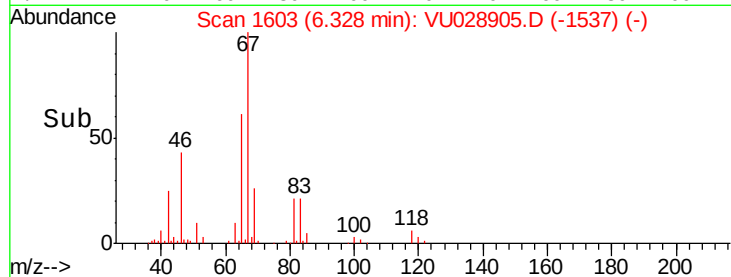
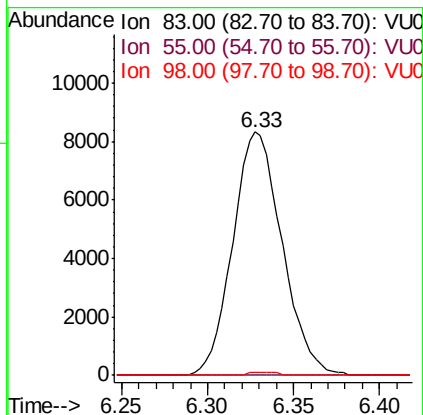
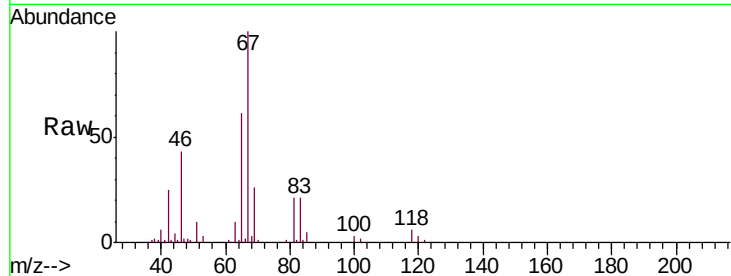
98 0.0 7.5 11.3#





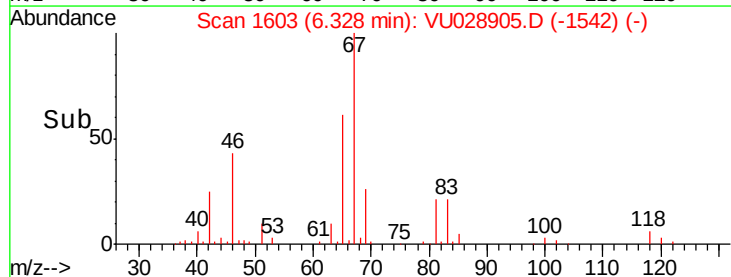
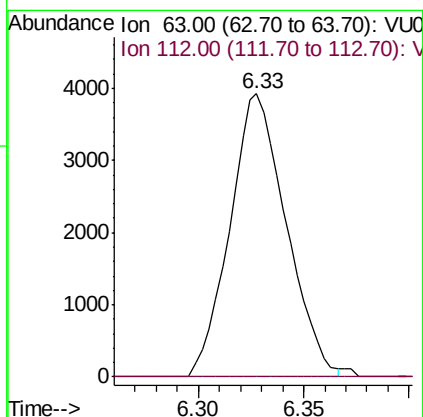
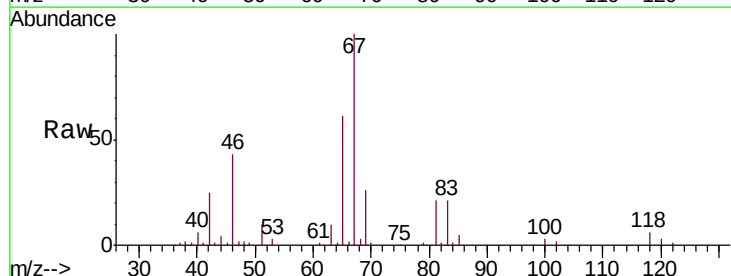
#35
Methylcyclohexane
Concen: 8.294 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028905.D
Acq: 22 Dec 2018 03:56

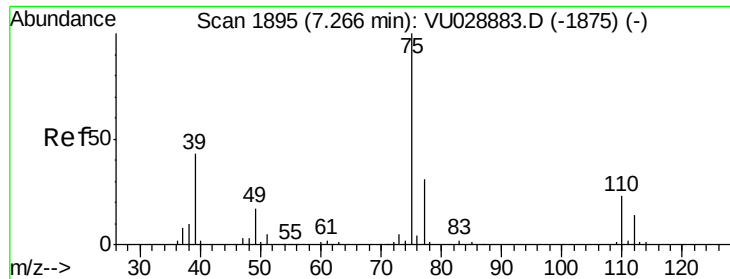
Tgt Ion: 83 Resp: 16543
Ion Ratio Lower Upper
83 100
55 0.0 63.7 95.5#
98 0.7 35.6 53.4#



#37
1,2-Dichloropropane
Concen: 5.242 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028905.D
Acq: 22 Dec 2018 03:56

Tgt Ion: 63 Resp: 7268
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

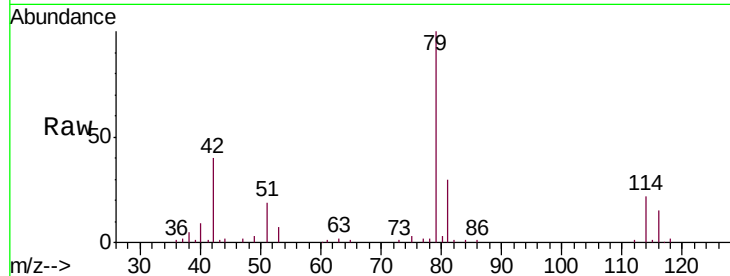




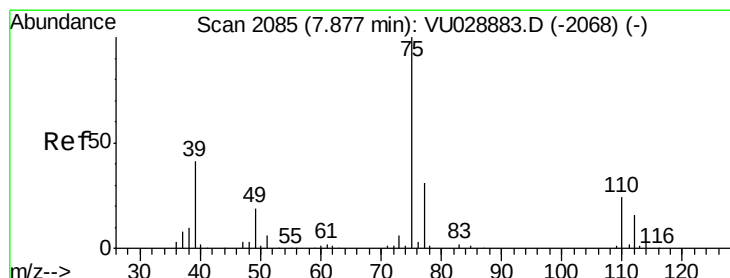
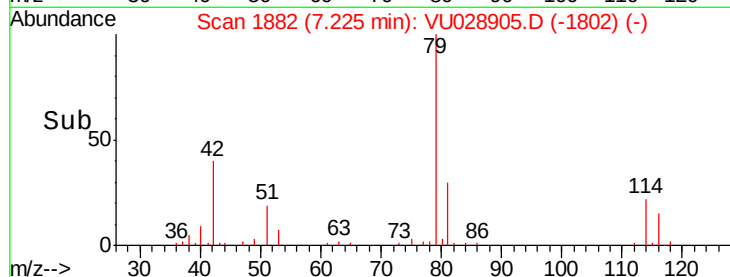
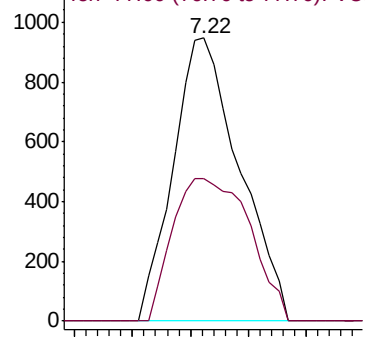
#39

cis-1,3-Dichloropropene
Concen: 0.760 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028905.D
Acq: 22 Dec 2018 03:56

Tgt Ion: 75 Resp: 1503
Ion Ratio Lower Upper
75 100
77 50.6 21.8 40.6#



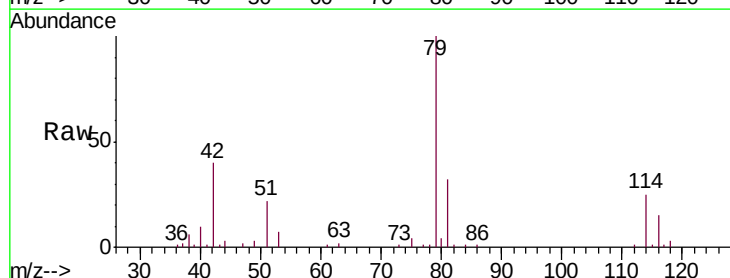
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0



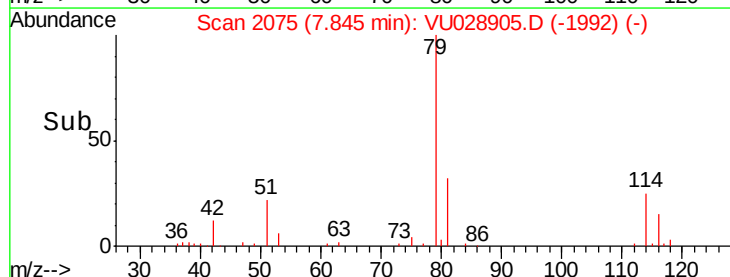
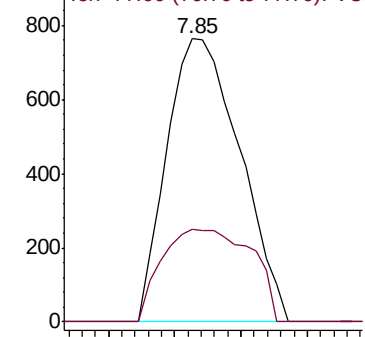
#44

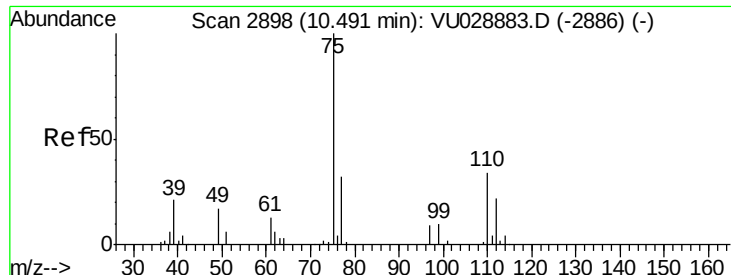
trans-1,3-Dichloropropene
Concen: 0.665 ug/L
RT: 7.85 min Scan# 2075
Delta R.T. -0.03 min
Lab File: VU028905.D
Acq: 22 Dec 2018 03:56

Tgt Ion: 75 Resp: 1172
Ion Ratio Lower Upper
75 100
77 32.7 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: 4.758 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028905.D

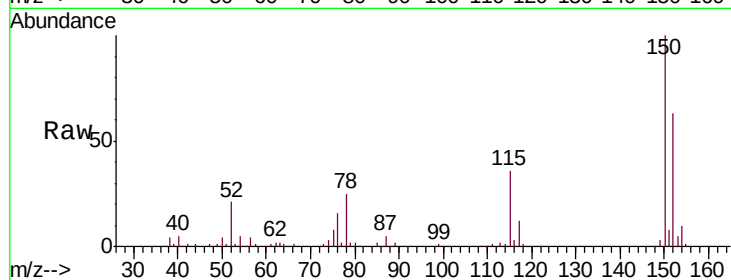
Acq: 22 Dec 2018 03:56

Tgt Ion: 75 Resp: 7873

Ion Ratio Lower Upper

75 100

77 32.9 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

