

Data File : VU028902.D
Acq On : 22 Dec 2018 02:43
Operator : MD/SY
Sample : J6542-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Dec 22 03:52:54 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	170882	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	158730	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65298	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60691	44.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.60%
7) Chloroethane-d5	1.66	69	48710	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.06%
11) 1,1-Dichloroethene-d2	2.26	63	80409	34.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.80%
21) 2-Butanone-d5	4.18	46	107957	112.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.48%
24) Chloroform-d	4.65	84	106321	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
26) 1,2-Dichloroethane-d4	5.31	65	68257	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
32) Benzene-d6	5.34	84	233880	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
36) 1,2-Dichloropropane-d6	6.33	67	81200	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.60%
41) Toluene-d8	7.56	98	204707	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%
43) trans-1,3-Dichloropropene-	7.85	79	33087	48.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.94%
47) 2-Hexanone-d5	8.31	63	83175	114.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111944	52.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	72349	54.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.56%

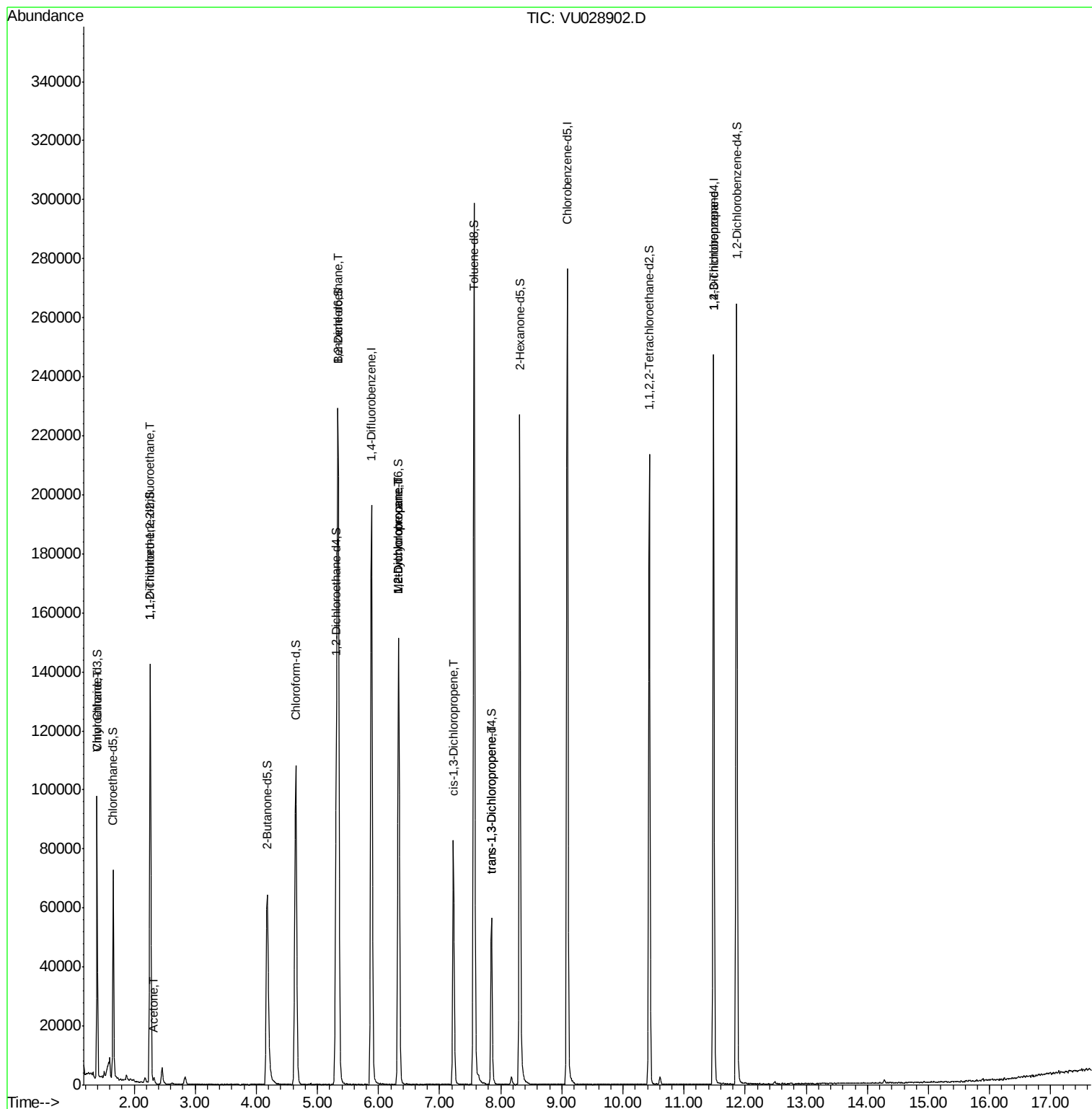
Target Compounds

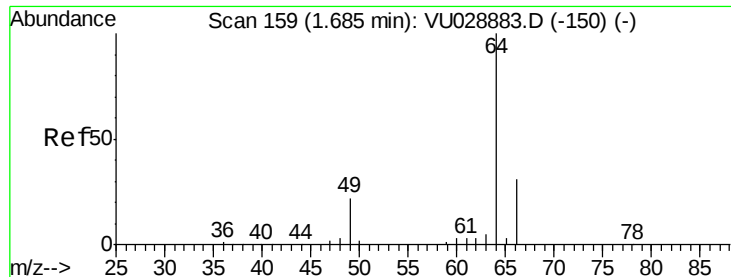
					Qvalue	
8) Chloroethane	1.40	64	847	0.887	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	637	0.575	ug/L #	20
13) Acetone	2.32	43	827	0.845	ug/L	85
27) 1,2-Dichloroethane	5.34	62	920	0.564	ug/L #	74
35) Methylcyclohexane	6.33	83	17078	8.405	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7579	5.365	ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	1651	0.820	ug/L #	60
44) trans-1,3-Dichloropropene	7.85	75	1068	0.595	ug/L #	63
59) 1,2,3-Trichloropropane	11.48	75	8485	5.033	ug/L	99

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

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#8

Chloroethane

Concen: 0.887 ug/L

RT: 1.40 min Scan# 70

Delta R.T. -0.29 min

Lab File: VU028902.D

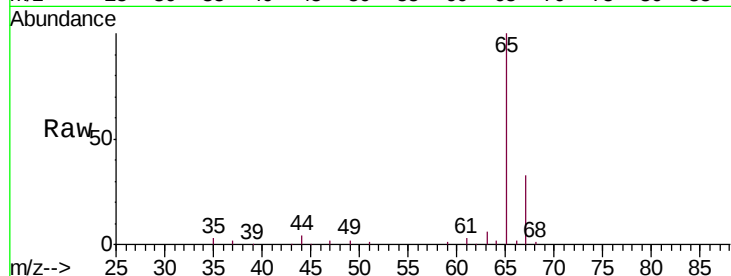
Acq: 22 Dec 2018 02:43

Tgt Ion: 64 Resp: 847

Ion Ratio Lower Upper

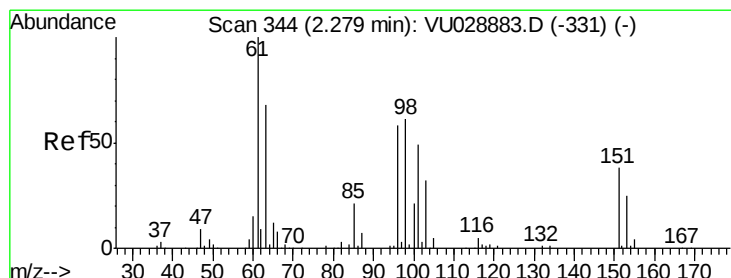
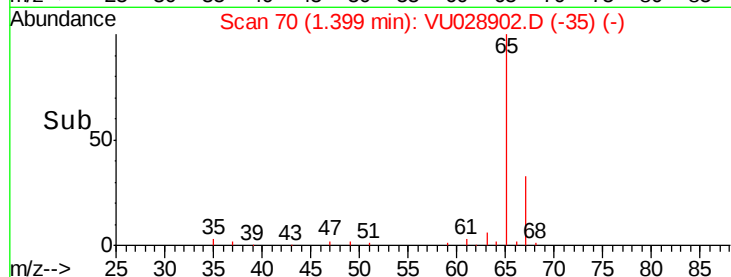
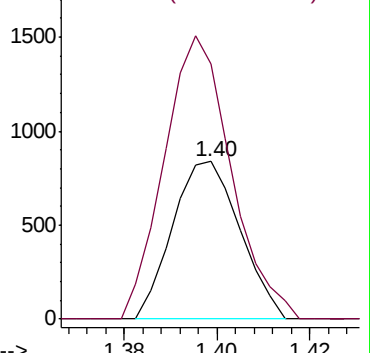
64 100

66 162.4 21.5 39.9#



Abundance Ion 64.00 (63.70 to 64.70): VU028902.D (-150) (-)

Ion 66.00 (65.70 to 66.70): VU028902.D (-150) (-)



#10

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

Concen: 0.575 ug/L

RT: 2.26 min Scan# 339

Delta R.T. -0.02 min

Lab File: VU028902.D

Acq: 22 Dec 2018 02:43

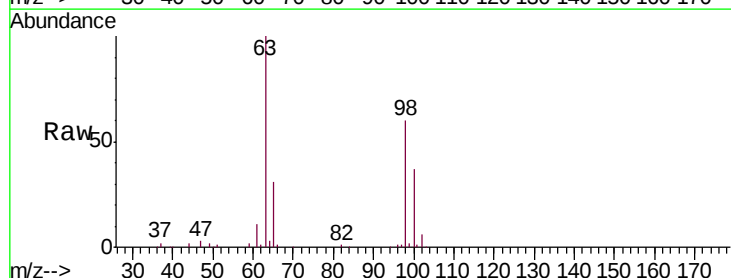
Tgt Ion: 101 Resp: 637

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

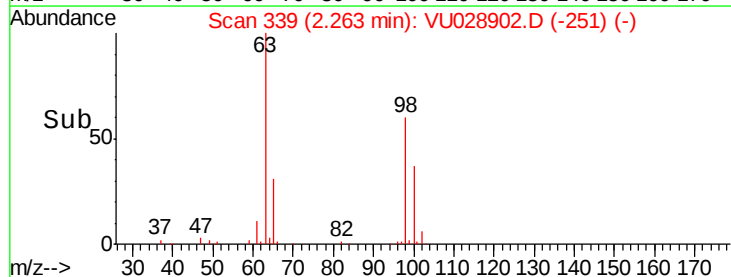
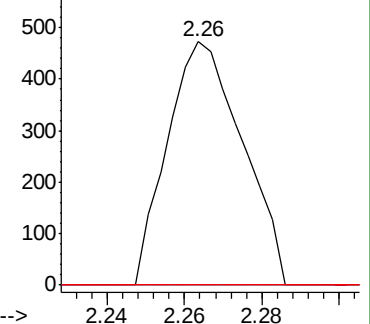
151 0.0 59.4 89.0#

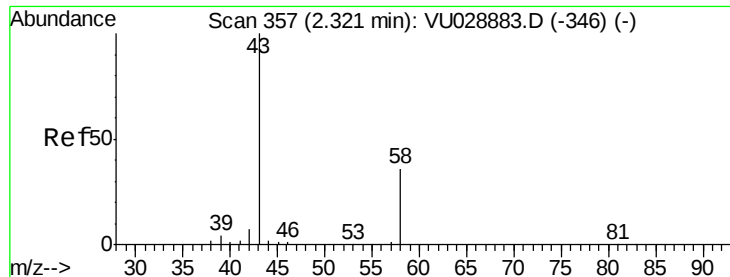


Abundance Ion 101.00 (100.70 to 101.70): VU028902.D (-331) (-)

Ion 85.00 (84.70 to 85.70): VU028902.D (-331) (-)

Ion 151.00 (150.70 to 151.70): VU028902.D (-331) (-)





#13

Acetone

Concen: 0.845 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028902.D

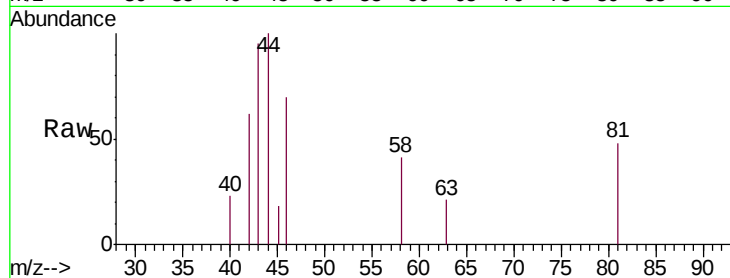
Acq: 22 Dec 2018 02:43

Tgt Ion: 43 Resp: 827

Ion Ratio Lower Upper

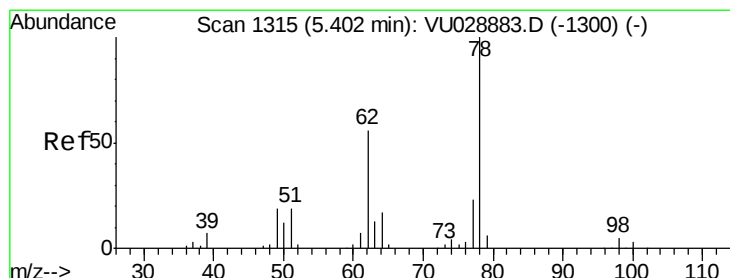
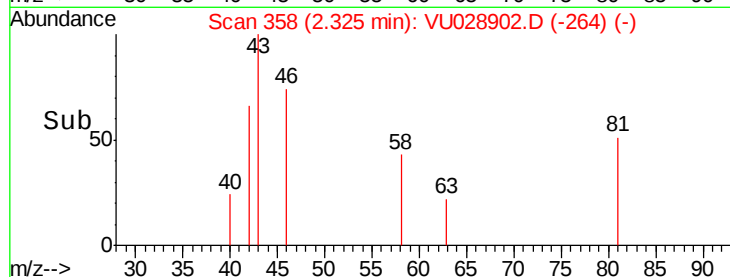
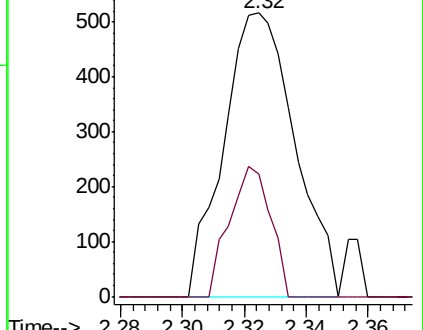
43 100

58 26.5 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU028883.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VU028883.D (-346) (-)



#27

1,2-Dichloroethane

Concen: 0.564 ug/L

RT: 5.34 min Scan# 1296

Delta R.T. -0.06 min

Lab File: VU028902.D

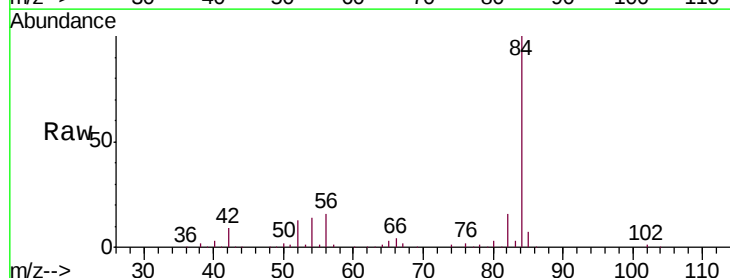
Acq: 22 Dec 2018 02:43

Tgt Ion: 62 Resp: 920

Ion Ratio Lower Upper

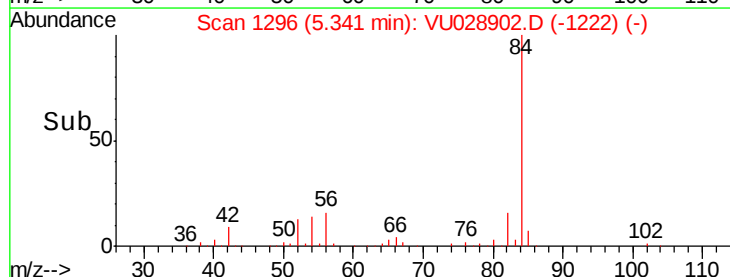
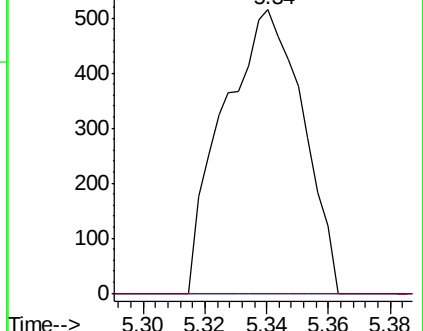
62 100

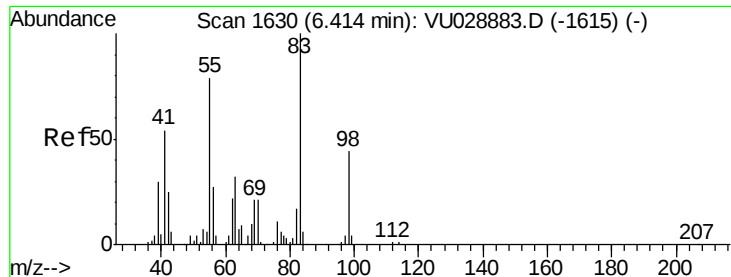
98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU028883.D (-1300) (-)

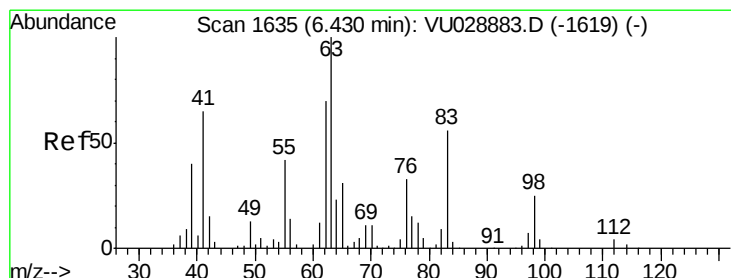
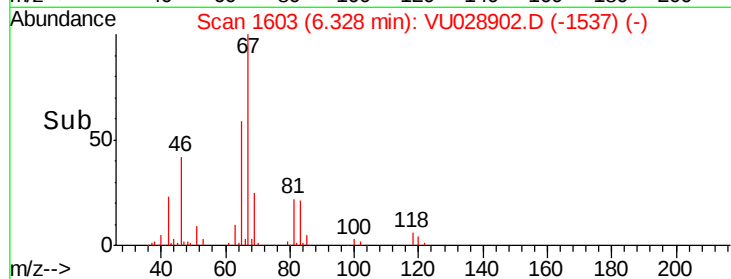
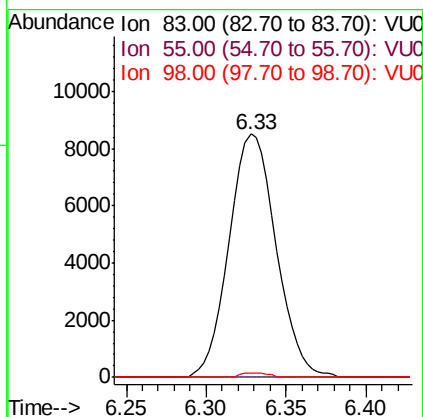
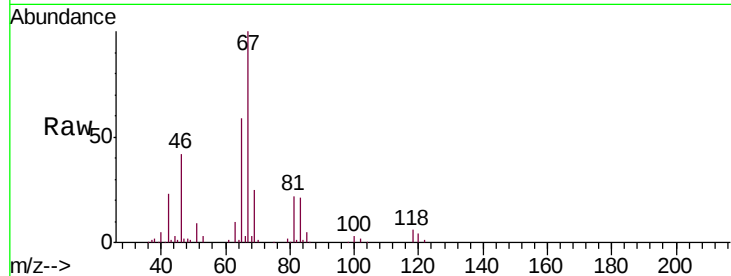
Ion 98.00 (97.70 to 98.70): VU028883.D (-1300) (-)





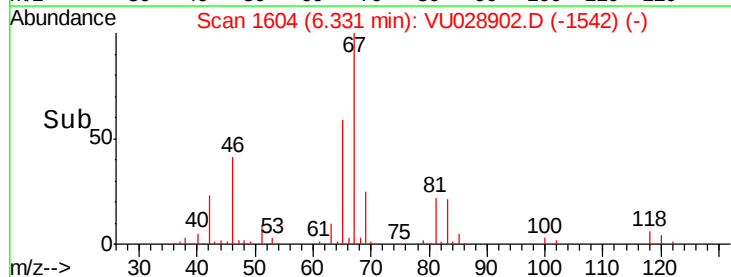
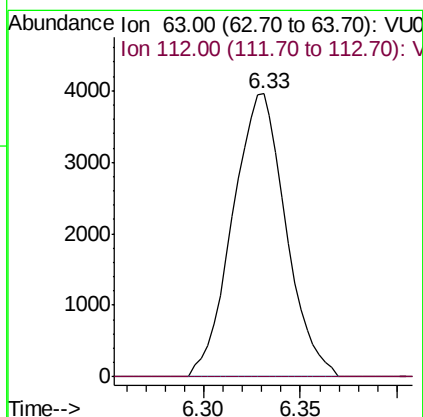
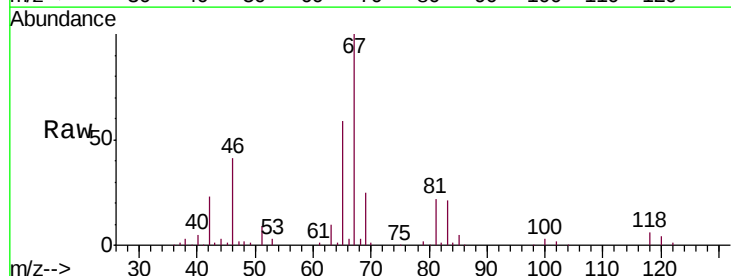
#35
Methylcyclohexane
Concen: 8.405 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028902.D
Acq: 22 Dec 2018 02:43

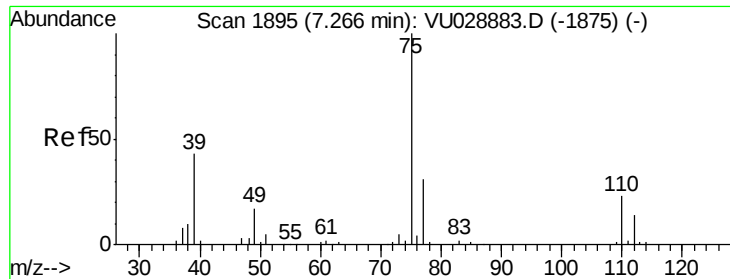
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.7	95.5#
98	1.0	35.6	53.4#



#37
1,2-Dichloropropane
Concen: 5.365 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028902.D
Acq: 22 Dec 2018 02:43

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

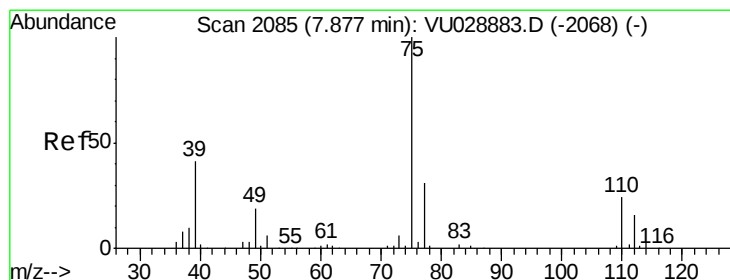
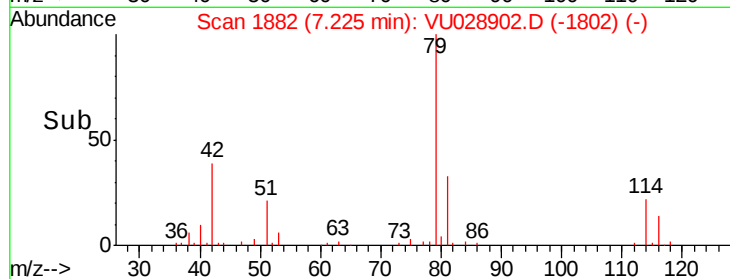
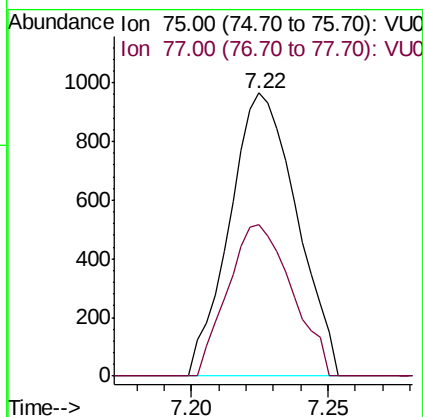
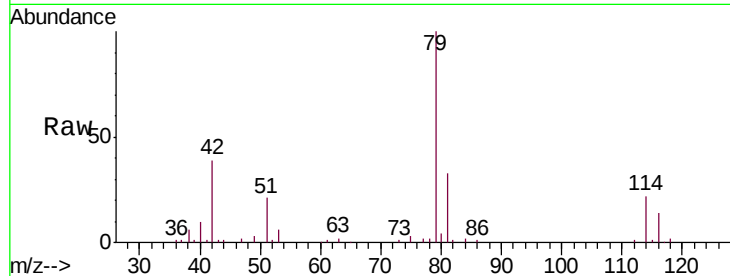




#39

cis-1,3-Dichloropropene
Concen: 0.820 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028902.D
Acq: 22 Dec 2018 02:43

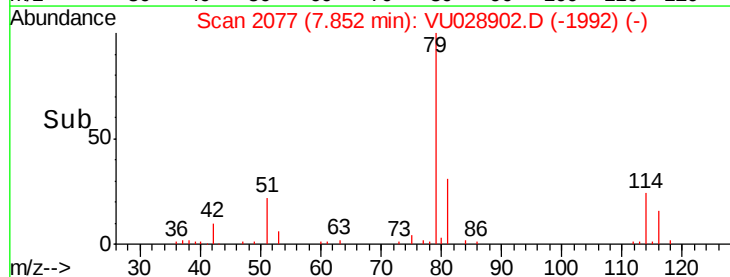
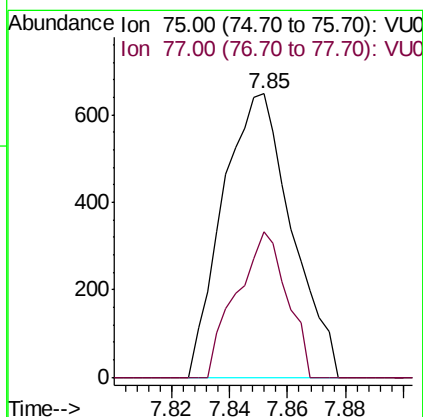
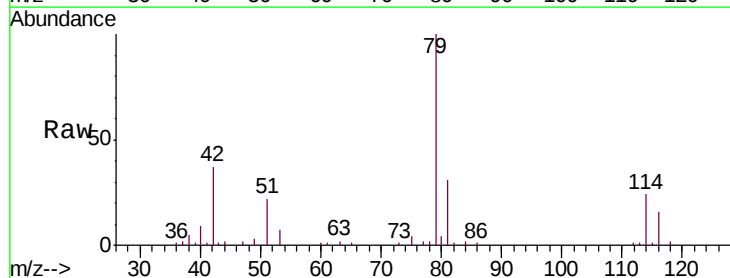
Tgt Ion: 75 Resp: 1651
Ion Ratio Lower Upper
75 100
77 53.4 21.8 40.6#

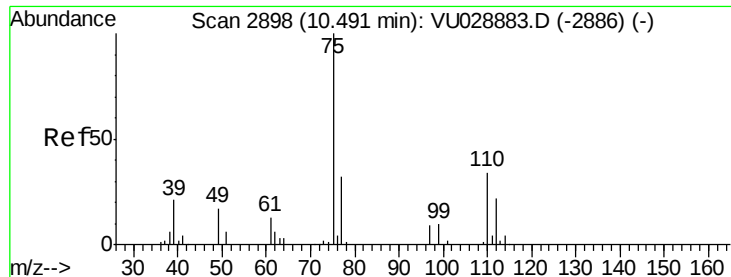


#44

trans-1,3-Dichloropropene
Concen: 0.595 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU028902.D
Acq: 22 Dec 2018 02:43

Tgt Ion: 75 Resp: 1068
Ion Ratio Lower Upper
75 100
77 51.5 21.8 40.6#





#59

1,2,3-Trichloropropane

Concen: 5.033 ug/L

RT: 11.48 min Scan# 3205

Delta R.T. 0.99 min

Lab File: VU028902.D

Acq: 22 Dec 2018 02:43

Tgt Ion: 75 Resp: 8485

Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

