

Data File : VU028893.D
Acq On : 21 Dec 2018 23:05
Operator : MD/SY
Sample : J6509-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Dec 22 01:59:37 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	171656	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161678	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65694	50.00	ug/L	0.00

System Monitoring Compounds

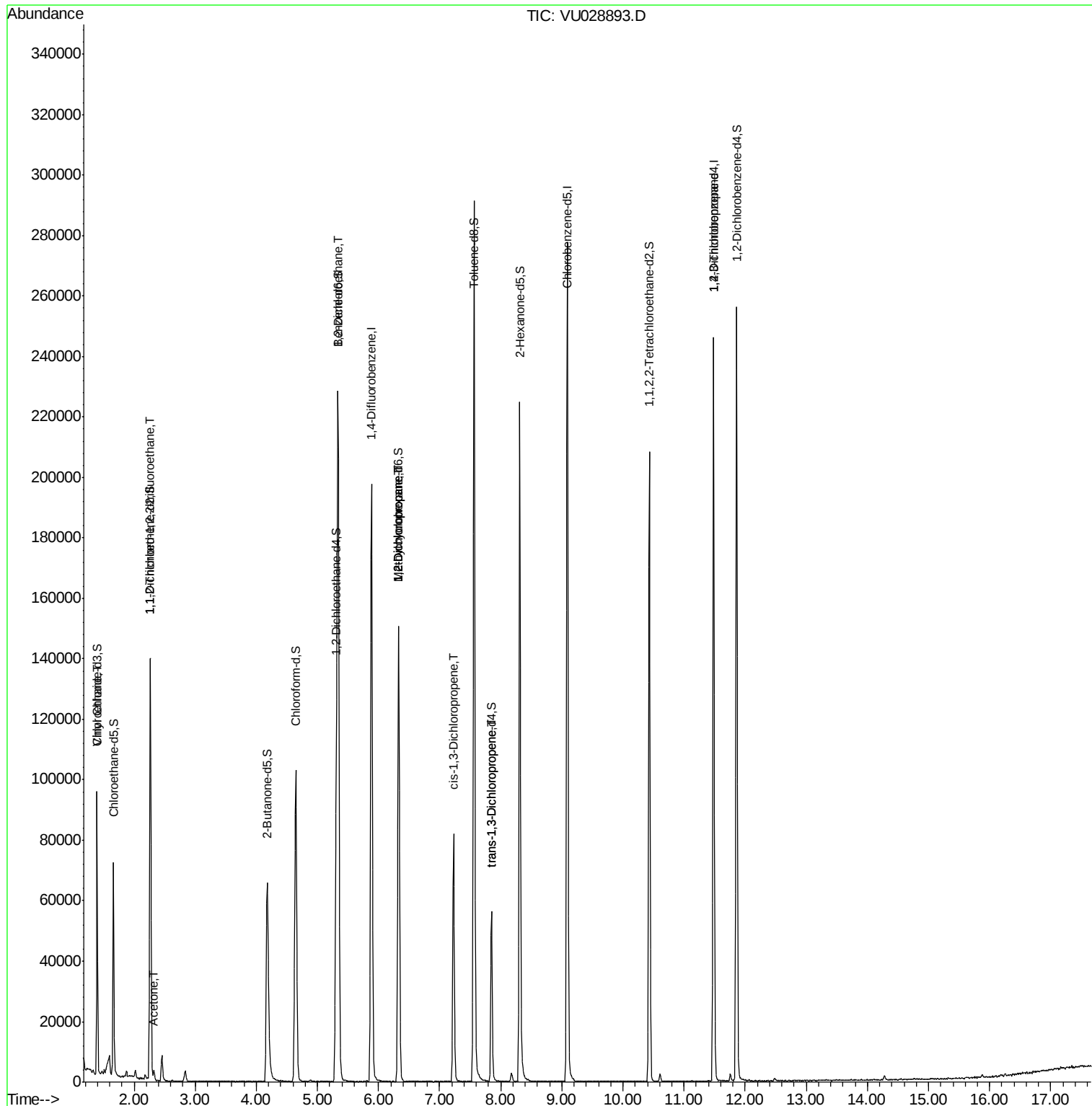
4) Vinyl Chloride-d3	1.40	65	60599	44.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.08%
7) Chloroethane-d5	1.66	69	48230	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.74%
11) 1,1-Dichloroethene-d2	2.26	63	78984	34.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.26%
21) 2-Butanone-d5	4.18	46	106491	110.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.45%
24) Chloroform-d	4.64	84	105060	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.10%
26) 1,2-Dichloroethane-d4	5.31	65	67033	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.50%
32) Benzene-d6	5.34	84	230195	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.33	67	80063	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.20%
41) Toluene-d8	7.56	98	199816	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%
43) trans-1,3-Dichloropropene-	7.85	79	33251	47.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.64%
47) 2-Hexanone-d5	8.31	63	82515	111.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109436	50.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	70027	52.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.40%

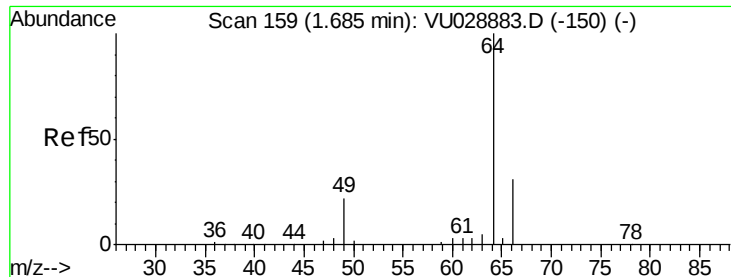
Target Compounds

					Qvalue	
8) Chloroethane	1.40	64	870	0.906	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	654	0.588	ug/L #	20
13) Acetone	2.32	43	2152	2.190	ug/L	93
27) 1,2-Dichloroethane	5.34	62	1180	0.720	ug/L #	74
35) Methylcyclohexane	6.32	83	16567	8.005	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7597	5.280	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1699	0.828	ug/L #	56
44) trans-1,3-Dichloropropene	7.85	75	1145	0.626	ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	7918	4.611	ug/L	95

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

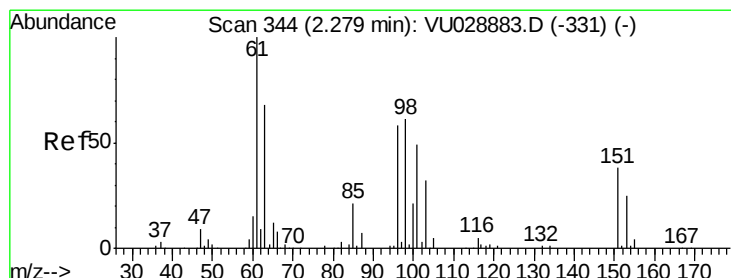
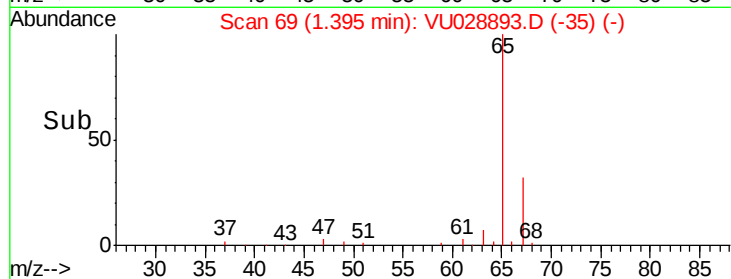
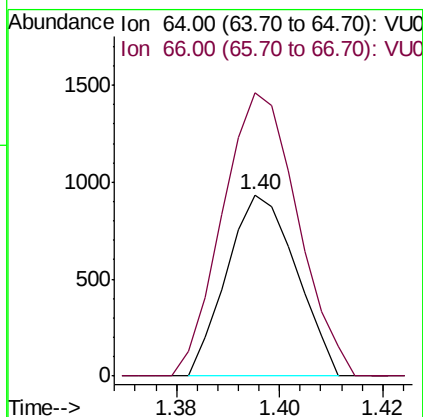
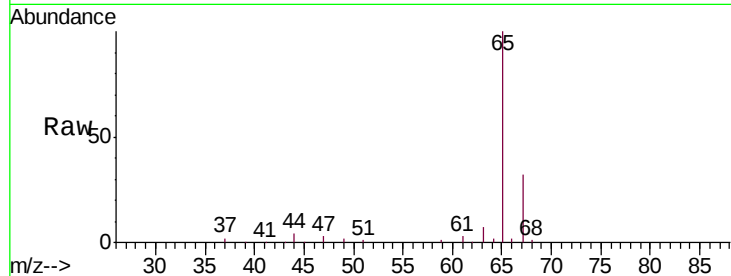
Quant Time: Dec 22 01:59:37 2018
Quant Method : Z:\V\OASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
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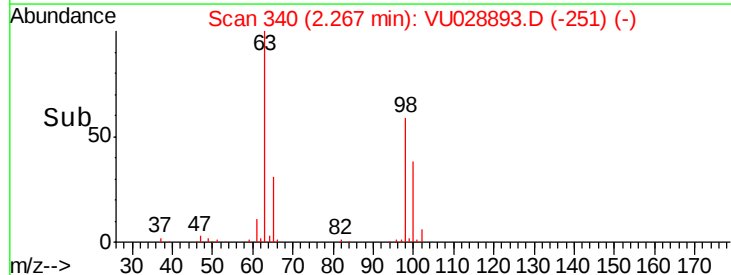
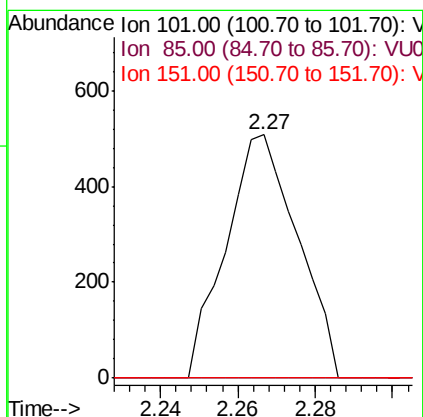
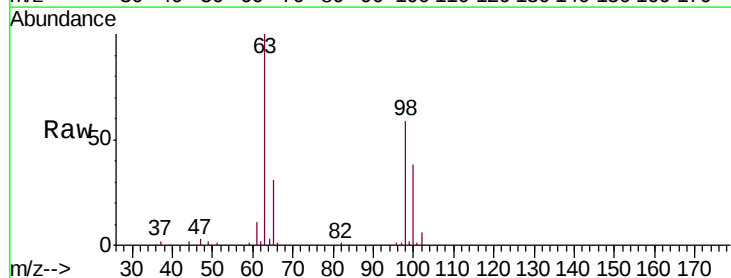
#8
Chloroethane
Concen: 0.906 ug/L
RT: 1.40 min Scan# 69
Delta R.T. -0.29 min
Lab File: VU028893.D
Acq: 21 Dec 2018 23:05

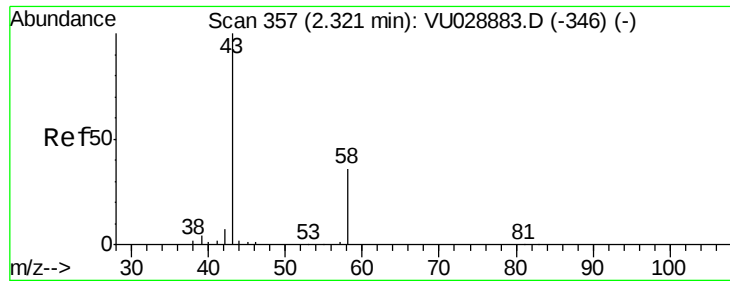
Tgt Ion: 64 Resp: 870
Ion Ratio Lower Upper
64 100
66 156.0 21.5 39.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.588 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.01 min
Lab File: VU028893.D
Acq: 21 Dec 2018 23:05

Tgt Ion: 101 Resp: 654
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 59.4 89.0#





#13

Acetone

Concen: 2.190 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028893.D

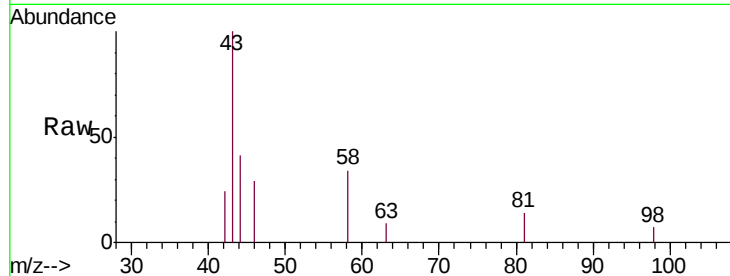
Acq: 21 Dec 2018 23:05

Tgt Ion: 43 Resp: 2152

Ion Ratio Lower Upper

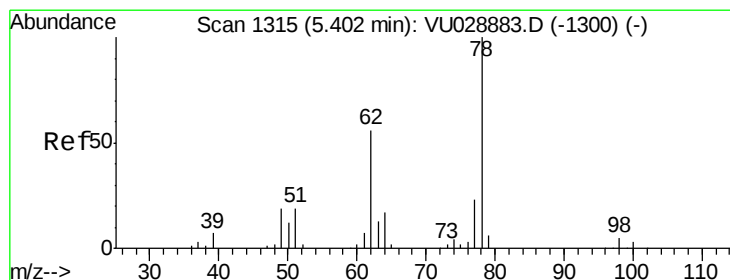
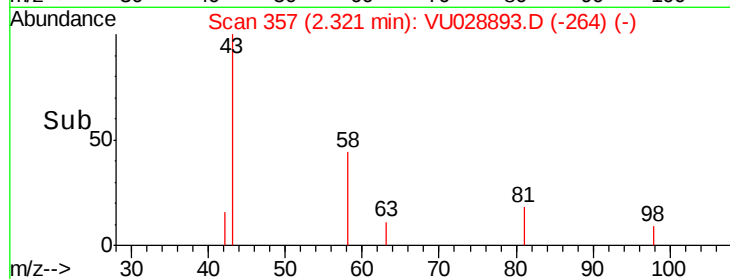
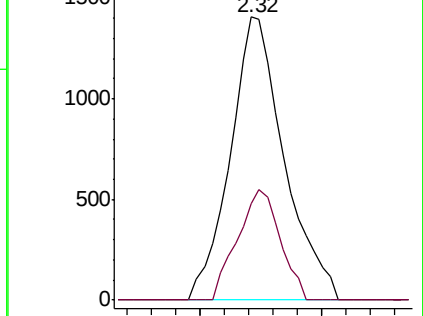
43 100

58 30.9 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU028893.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VU028893.D (-346) (-)



#27

1,2-Dichloroethane

Concen: 0.720 ug/L

RT: 5.34 min Scan# 1296

Delta R.T. -0.06 min

Lab File: VU028893.D

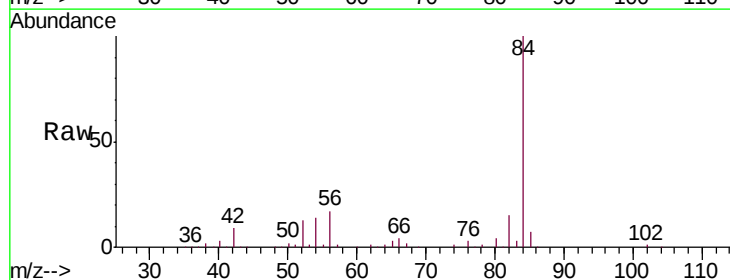
Acq: 21 Dec 2018 23:05

Tgt Ion: 62 Resp: 1180

Ion Ratio Lower Upper

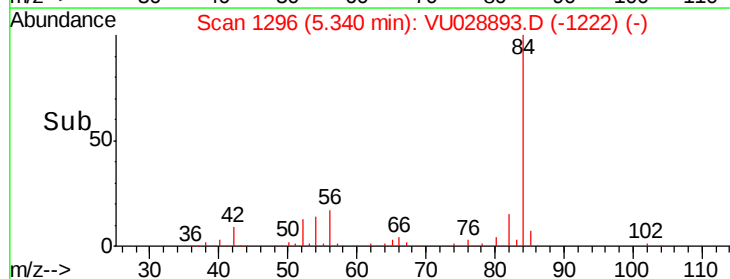
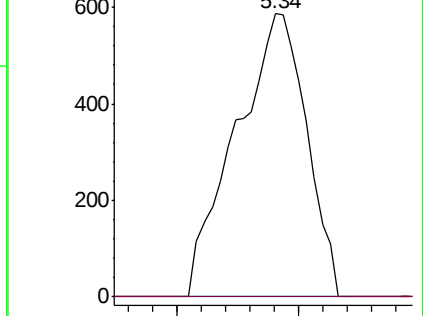
62 100

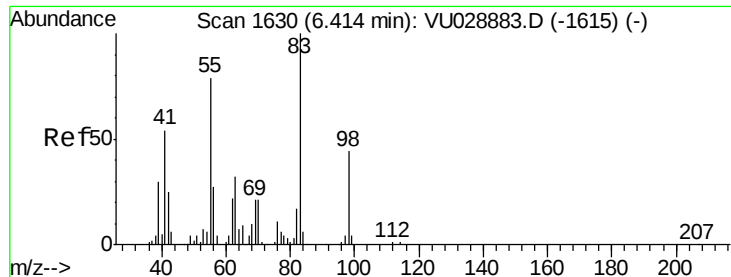
98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU028893.D (-1300) (-)

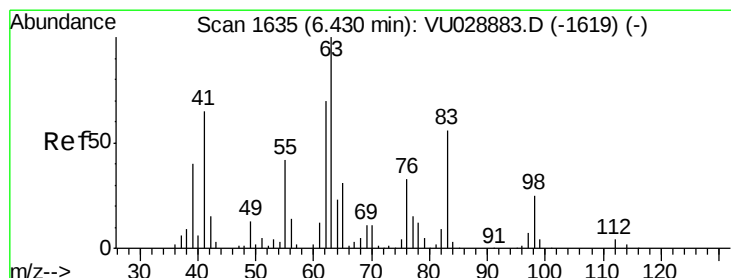
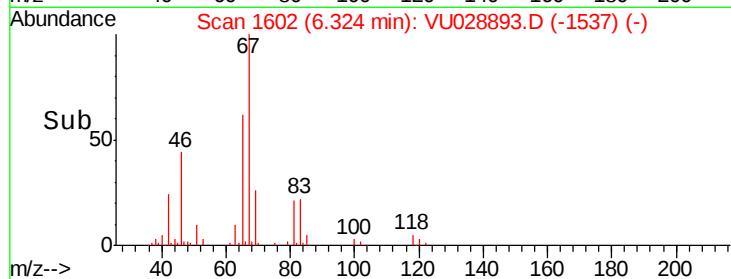
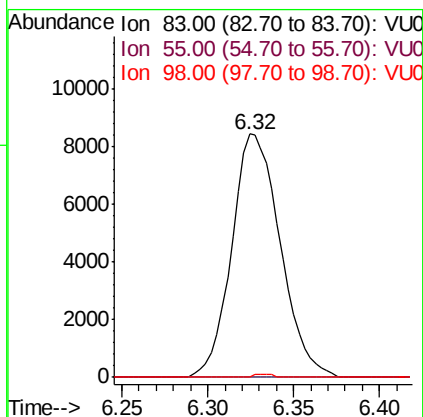
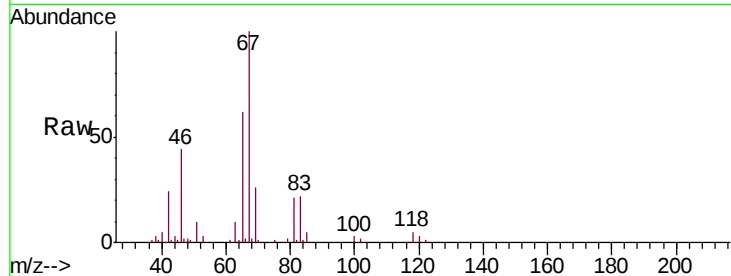
Ion 98.00 (97.70 to 98.70): VU028893.D (-1300) (-)





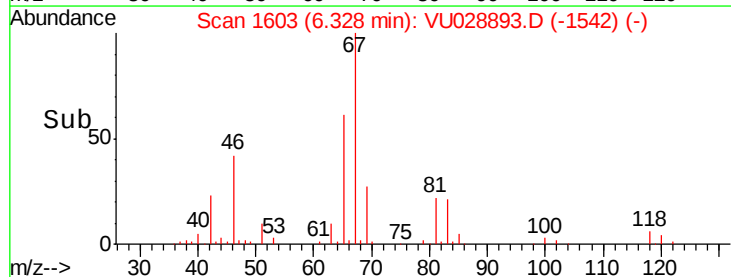
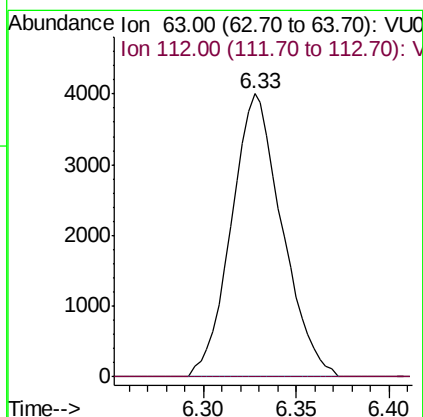
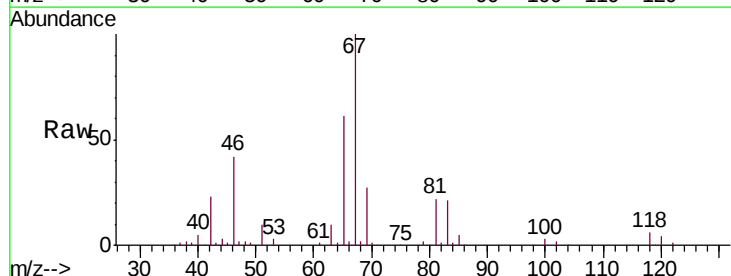
#35
Methylcyclohexane
Concen: 8.005 ug/L
RT: 6.32 min Scan# 1602
Delta R.T. -0.09 min
Lab File: VU028893.D
Acq: 21 Dec 2018 23:05

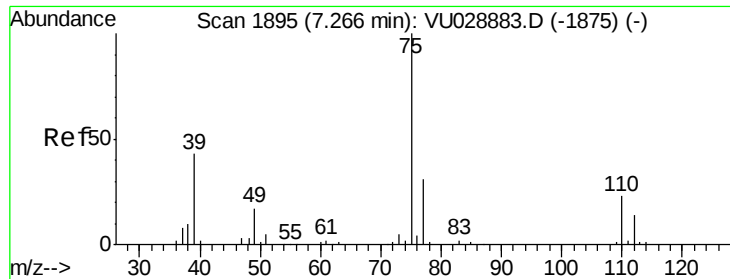
Tgt Ion: 83 Resp: 16567
Ion Ratio Lower Upper
83 100
55 0.0 63.7 95.5#
98 0.5 35.6 53.4#



#37
1,2-Dichloropropane
Concen: 5.280 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028893.D
Acq: 21 Dec 2018 23:05

Tgt Ion: 63 Resp: 7597
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#

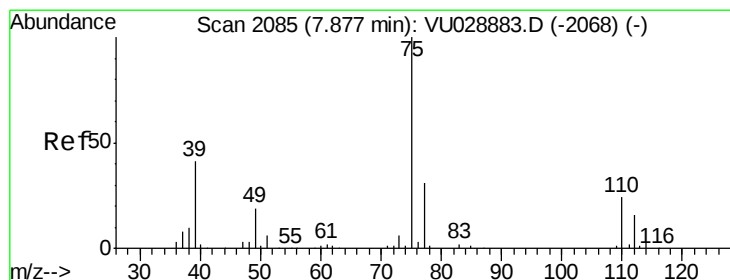
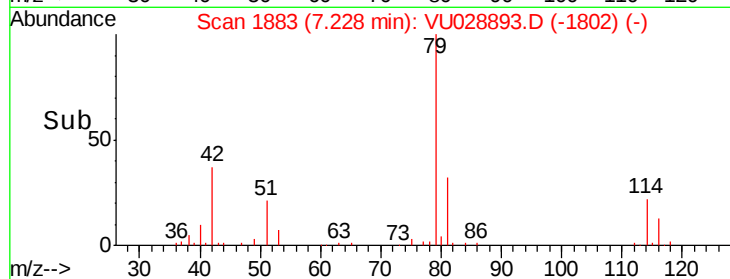
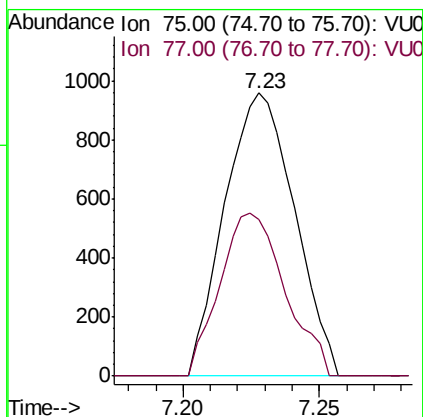
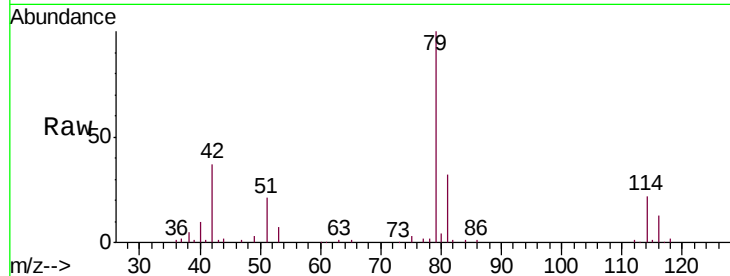




#39

cis-1,3-Dichloropropene
Concen: 0.828 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU028893.D
Acq: 21 Dec 2018 23:05

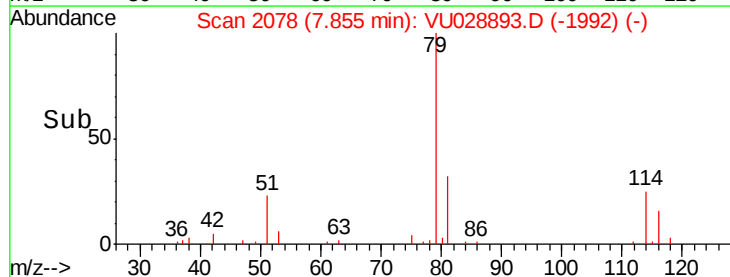
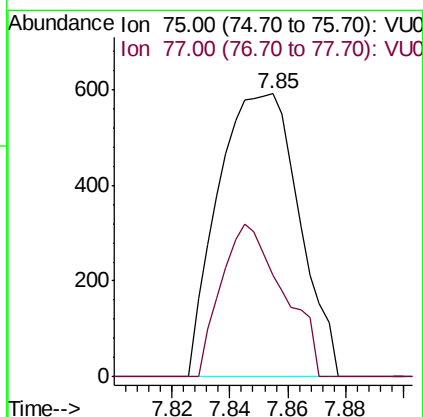
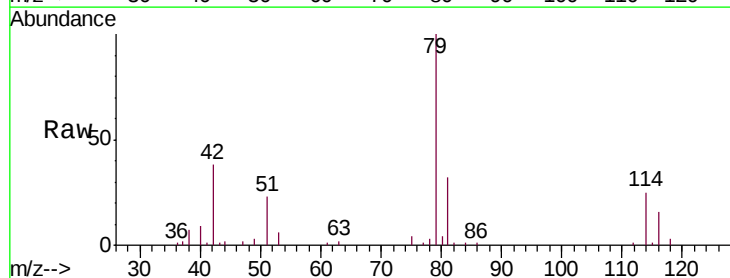
Tgt Ion: 75 Resp: 1699
Ion Ratio Lower Upper
75 100
77 55.5 21.8 40.6#

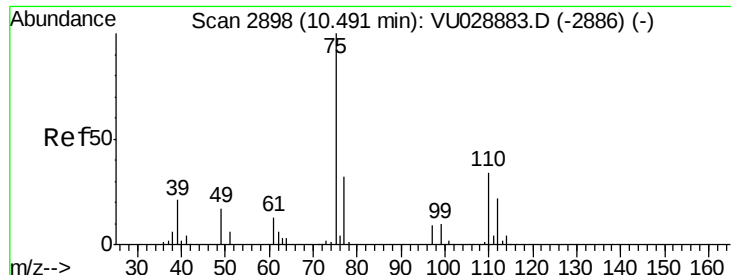


#44

trans-1,3-Dichloropropene
Concen: 0.626 ug/L
RT: 7.85 min Scan# 2078
Delta R.T. -0.02 min
Lab File: VU028893.D
Acq: 21 Dec 2018 23:05

Tgt Ion: 75 Resp: 1145
Ion Ratio Lower Upper
75 100
77 35.7 21.8 40.6





#59

1,2,3-Trichloropropane

Concen: 4.611 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028893.D

Acq: 21 Dec 2018 23:05

Tgt Ion: 75 Resp: 7918

Ion Ratio Lower Upper

75 100

77 34.7 25.5 38.3

